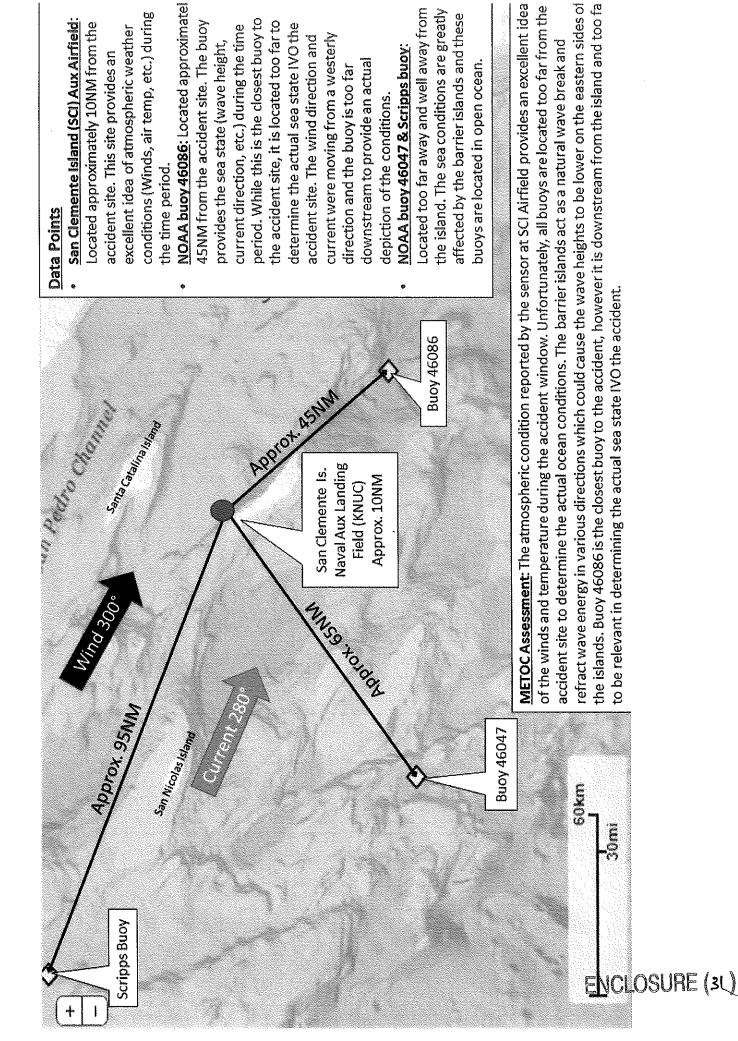
TIME 1856 PST

MISHAP ENVIRONMENT: SAN CLEMENTE ISLAND NAVAL AUX LANDING FIELD (KNUC) AND BUOY 46086 TIME 1856

- A. SEA STATE AND DIRECTION: SS3 (WAVE HEIGHT 3.5FT), DIRECTION: 280° (FROM THE WEST)
- B. WIND DIRECTION AND SPEED: WEST-NORTHWESTERLY (300 DEGREES) AT 12 KNOTS (14 MPH)
- C. AIR TEMPERATURE IN DEGREES FAHRENHEIT: 63°F
- D. WATER TEMPERATURE: N/A
- E. VISIBILITY: 10SM
- F. VISIBILITY REDUCED BY: N/A
- G. LIGHTNING PRESENT (PRODUCED BY STORM)? (Y/N): N
- H. CUMULATIVE PRECIPITATION: N/A
- I. LIGHTING CONDITIONS/AVAILABILITY AT SITE OF MISHAP: Adequate



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118°30'W



Air Control 

SUBSALY VIDEO ON AAV 523519 LOCATION DISCOVERY AND VERIFICATION VIDEO, DTD 3 AUG 2020: EXTERNAL HARD DRIVE

THE PROPERTY OF THE PROPERTY O

SUBSALV VIDEO OF AAY 523519 RECOVERY, DTD 7 AUG 2020, EXTERNAL HARD DRIVE

### Principal Control of the Control of

177

(b)(3), (b)(6), (b)(7)(c)

From:

(b)(3), (b)(6), (b)(7)(c)

Sent:

Friday, September 11, 2020 3:14 PM

To:

Cc:

(b)(3), (b)(6), (b)(7)(c)

Subject:

**RE: AAV Location** 

Than! (b)(6), (b)(V)(appreciate it.

S/F

(b)(3), (b)(6), (b)(7)(c)

----Original Message-----

From:

(b)(3), (b)(6), (b)(7)(c)

Sent: Friday, September 11, 2020 10:52 AM

To:

(b)(3), (b)(6), (b)(7)(c)

**Subject: AAV Location** 

Sir,

Posit for AAV is below:

33 deg 01.52244' N 118 deg 38.93274' W

Please let me know if you need anything else.

V/R

(b)(3), (b)(6), (b)(7)(c)

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# HSC-23.2 AAV Incident - SAR/MEDEVAC SUPPORT

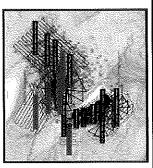


## HSC-23.2 DET ISO AAV Incident (30JUL-01AUG2020)

- 15th MEU AAV sunk during PMINT training exercise IVO San Clemente Island, 16 personnel embarked (7 recovered, 9 deceased) at ~1824L
- HSC-23.2 executed 40+ flight hours ISO MEDEVAC and search efforts over 2.5 days, embarked on USS Makin Island (LHD 8)
  - Three critical patients MEDEVAC to Scripps Memorial Hospital (1 deceased, 2 remain in critical condition)
    - First airborne SAR assets ONSTA within 20 minutes of notification.

### 30JUL:

- **Bullet 55 (BL55)**
- MEDEVAC 1x Critical Patient from LPD 25 to Scripps Hospital Re-rolled from PG mission to SAR, ONSTA 1845-2230L
- MEDEVAC 2x Patients (1 deceased, 1 critical) from USS Somerset Re-rolled from PMC mission to SAR, ONSTA 1915-2315L (LPD 25) to Scripps Hospital
- Unscheduled alert launch, ONSTA 2200-0400L
- Identified empty vests, strobe lights, and gear. No personnel
  - 300-500' ceilings, 2-4 miles visibility

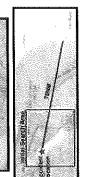


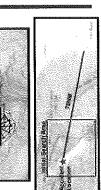
helicopters, HSM-78 (HARP at SCI),

provided by HSM-49.3, USCG interspersed with SAR efforts

18 hours of search conducted,

**31JUL-01AUG** 





executed ICW recommendations

No personnel located

HSC-23.2 DEUCES WILD

from USCG LNO

Dedicated search patterns

Continuous joint airborne SAR and numerous surface vessels.



WILDCARDS NEVER FOLD

• 



### DEPARTMENT OF THE NAVY

USS MAKIN ISLAND LHD 8





JULIAN DATE: 20212 TYPE: MH-60S SDO:

ADD(

Thursday, 30 July 2020

(b)(3), (b)(6), (b)(7)(c)

SR/SS: MR/MS: 0602 / 1948 1646 / 0211

54.7

24.6

EENT:

ILLUM: 79%

		Migrael Lander States		PLIGHT EVENTS					
SIDE #	MSN #	TIMES BRF/LCH/LND	HAC UTILITY CREW	COPILOT SECOND CREW	MISSION	TMR CODE	HOURS SCHED	HOURS FLOWN	NOTES & CONFIG
55	0501	0900 / 1300 / 1930 1305 / 2235			AM A60/PG SAR MEDEVAC	1A1 2P1	6.5	9.5	1 C3 FB / RR/ DR AUX(3700)
47	0511	0530 / 0900 / 1000 0900 / 1030			AM A60 VERTREP	2P1 2R1	1.0	1.5	2 C3 AUX(2400)
47	0511	0945/ 1245 / 1800 1245 / 2320	(b)(3)	, (b)(6), (b)(7)(c)	PMC SAR MEDEVAC	2RI	5.3	10.6	4, 5, 6, 7, 8 C3 P(8) AUX(3700)
					14 (1)				3
44	0501	2000 / TBD / TBD 2200 / 0100			PM A60 SAR	2P1	TBD	3.0	C3 AUX(3700)

1 Indicates <10 hours in 30 days, \* Indicates aircrew on schedule multiple times. BOLD indicates schedule priority.

ADDITIONAL EVENTS

TOTAL DAILY / FLOWN /

DET HOURS

TOTAL EN		PERSONNEL	LOCATION
TIME	EVENT	FERSONIVEL	
ALL DAY	R2P2	_	AS REQUIRED
0500 - 0700	BREAKFAST	_	GALLEY
0800 - 0900	CUB	_	FLAG B&P
0915	WORKING PARTY	_	PR SHOP
0930 - 1000	PMC BOARD	=	FLAG B&P
1000 - 1100	APB	(b)(3), (b)(6), (b)(7)(c)	FLAG B&P
1100 - 1330	LUNCH	(5)(0), (5)(0), (5)(1)(0)	GALLEY
1500 – 1600	OPS INTEL	_	WARDROOM
1600 - 1830	DINNER	_	GALLEY
2030 – 2200	2P STUDY		WARDROOM LOUNGE
2300 0000	MIDRATS	ALL INTERESTED PERSONNEL	GALLEY

### MISSION NOTES

All flights originate from USS MAKIN ISLAND (LHD 8), brief in DEBARK CONTROL and HOT PUMP per the AIRPLAN unless otherwise noted.

- Crew to hold alert from 1300 2030.
- Crew to hold alert from 0600 1300.
- Crew to set PM ALERT 60 from 2030 0830.

(b)(3), (b)(6), (b)(7) fiele as PAX from MKI to KNFG
(b)(3), (b)(6), (b)(7)(c) oride as PAX from SDG to KNZY. VIP kit and helmets/ICS cranials required. Crew to arrive at NASNI PAX Terminal NLT 1400.
(b)(3), (b)(6), (b)(6), (c)(7)(c) with the PAX from KNFG to SOM

(b)(3), (b)(6), (b)(7)(c) to ride as PAX from SDG to SOM (b)(8), (b)(6), (b)(7)(8) (b)(7)(8)

### EP/SYSTEM/SOP NOTES

EP of the Day: Engine Malfunction in Flight MH-60S NATOPS: Engine Oil Temperature Limits System of the Week: AFCS

Wing SOP: What emergencies can you not simulate at night?

SUBMITTED BY:

REVIEWED BY:

APPROVED BY:

//S//

//S//

//S//

(b)(3), (b)(6), (b)(7)(c)

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### DEPARTMENT OF THE NAVY

USS MAKIN ISLAND LHD 8



Friday, 31 July 2020



JULIAN DATE: 20213

TYPE: MH-60S

DDO:

(b)(3), (b)(6), (b)(7)(c)

SR/SS:

0603 / 1947 1747 / 0301

MR/MS: ILLUM:

88%

ILLUUIVI.	0070
EENT:	2048

		1756/2500000000000000000			11/21/2015					
SIDE #	MSN #	TIMES BRF/LCH/LND	HAC UTILITY CREW	COPILOT SECOND CREW		MISSION	TMR CODE	HOURS SCHED	HOURS FLOWN	NOTES & CONFIG
47		2300 / 0030 / 0400 0030 / 0400				SAR	2P5 1A1 1A9	3.5	3.5	C3 AUX(3700)
44		0530 / 0600 / 0930 0600 / 0930				SAR	2P5 1A1	3.5	3,5	C3 AUX(3700)
55		0630 / 0900 / 1230 0915 / 1215	(b)(3)	, (b)(6), (b)(7)(c)		SAR	2P5 1A1	3.5	3.5	C3 AUX(3700)
47		1030 / TBD / TBD				AM A60	2P5 1A1	TBD	0,0	1 C3 AUX(3700)
47		1930 / TBD / TBD				PM A60	2P5 1A1 1A9	TBD	0.0	2 C3 AUX(3700)
	tes <10 ho s schedule		ates aircrew on sched	ule multiple times. BOLD	. Y. 	TOTAL DAILY / FLO	WN / DET HOURS	10.5	10.0	79.1

### ADDITIONAL EVENTS

ADDITIONAL DI ENTO							
TIME	EVENT	PERSONNEL	LOCATION				
0500 ~ 0700	BREAKFAST	ALL INTERESTED PERSONNEL	GALLEY				
0800 - 0900	CUB		FLAG B&P				
0930 - 1000	PMC BOARD		FLAG B&P				
1000 - 1100	APB	(1)(0) (1)(0) (1)(7)()	FLAG B&P				
1100 - 1330	LUNCH	(b)(3), (b)(6), (b)(7)(c)	GALLEY				
1330 - 1400	DRI PROGRAM UPDATE		02-43.5-1-L				
1500 – 1600	OPS / INTEL		WARDROOM				
1600 - 1830	DINNER	ALL INTERESTED PERSONNEL	GALLEY				
2300 – 0000	MIDRATS	ALL INTERESTED PERSONNEL	GALLEY				

### MISSION NOTES

All flights originate from USS MAKIN ISLAND (LHD 8), brief in DEBARK CONTROL and HOT PUMP per the AIRPLAN unless otherwise noted.

- 1. Crew to set hold alert from 1230 2000
- 2. Crew to set PM ALERT 60 from 2000 0830.

### EP/SYSTEM/SOP NOTES

EP of the Day: Dual EGI Failure

MH-60S NATOPS: Transmission Pressure Limits

System of the Week: AFCS

Wing SOP: What emergencies can you not simulate at night?

SUBMITTED BY:

REVIEWED BY:

APPROVED BY:

(b)(3), (b)(6), (b)(7)(c)





### HSC-23.2 Wildcards SAR Report Log: 30JUL AAV Incident

------NARRATIVE-----

An AAV with Marines embarked from the 15th MEU launched from the USS Somerset (SOM) was conducting a training exercise IVO of the northwest side San Clemente Island. On their return from the island to the SOM they rapidly began taking on water. SOM reached out to the USS Makin Island (MKI) to launch multiple embarked MH-60S and MH-60R aircraft. The first MH-60S launched at 1745 from MKI on 30JUL20 to proceed to the area of incident. Once on station they found two AAVs with personnel on top of vehicles (some with flotation) heading towards SOM. Several pieces of equipment were spotted floating in the water IVO of the AAVs. No personnel were recovered from the water by an aircraft. However small boats launched from SOM and San Clemente Island were able to retrieve eight individuals and recover them to SOM. Upon recovery and immediate medical treatment of these individuals it was determined that three personnel required MEDEVAC to trauma capable facilities. Two MH-60S aircraft transferred a total of three patients to Scripps Memorial Hospital in La Jolla, CA. Upon return from Scripps Hospital to MKI, another MH-60S and MH60R were launched to continue searching for more unaccounted personnel on board the sunken AAV. The search continued until 1200 on 31JUL20, thereby relieved by local Coast Guard assets.

### 

### 30JUL20

- 1745 BL (Bullet) 55 called, redirected for SAR effort in support of damaged AAV taking on water IVO of SCI.
- 1820 BL 47 returns, lands, informed of SAR effort.
- 1848 BL 47 launches to assist with SAR effort.
- 1845 BL 55 on station IVO of SCI and USS Somerset (SOM)
- 1915 BL 47 on station
- 1949 BL 47 on deck SOM
- 1958 BL 55 notified of 11 missing souls by SOM TWR.
- 2010 BL 55 on deck KNUC, refuel.
- 2025 BL 47 off deck SOM, 2 Medevac patients
  - a) 2 hrs of CPR
  - b) IV placed, bleeding from nose, ear, and vomiting blood
- 2036 BL 55 on deck SOM.
- 2100 BL 47 on deck Scripps, drops off both patients.
- 2103 BL 55 off deck SOM, 1 MEDEVAC patient, 8 souls.
- 2130 BL 55 on deck Scripps. Patient drop off + 2 HMs.
- 2135 BL 55 off deck Scripps for MKI (1 HM on board)
- 2205 BL 47 departs KNZY for MKI (1 HM on board)
- 2200 BL 44 launches to relieve BL 55 and 47. Performs repeated sectors searches in Box S2 (N33 00 50 W118 32 00, N33 00 50 W118 32 50, N32 56 00 W118 37 00, N32 56 00 W118 32 50), followed by shoreline searches on northwest coast of San Clemente Island.
- 2238 BL 55 lands, shuts down.
- 2311 BL 47 lands, crew hotseats.
- 31JUL20
- 0030 BL 47 relaunches, relieves BL 44. Performs expanding square and sector search at Datum: N33 00.12 W 118 35.94.
- 0100 BL 44 lands, shuts down.
- 0358 BL 47 lands, shuts down. LPOD.
- 0630 1200 BL47/55 ONSTA search Box S2 (N33 00 50 W118 32 00, N33 00 50 W118 32 50, N32 56 00 W118 37 00, N32 56 00 W118 32 50) using expanding square search.

### 01AUG20

- 0530 BL 44 launches, performs expanding square search at datum N32 49.577 W118 43.603.
- 1000 BL 44 returns to MKI, crew hotseats.
- 1030 BL 44 relaunches
- 1230 BL 44 returns to MKI, shuts down. HSC-23 search efforts conclude.





### ------MEDEVAC FLIGHTS-----

**BULLET 55** 

Crew Composition and Names

(b)(3), (b)(6), (b)(7)(c)

Notification of SAR: Re-rolled at approximately 1745 on deck MKI, 1745-2238L

Launch: 1745, 30JUL20

On station: Approximately 1845

Controlling agencies talked to: Beaver Control (OSC) on 266.9, Starburst. SOM TWR at DATUM. San Clemente to

coordinate refueling (2010L). Foss Tower (2130L).

Other players: HSC-23 BT 47 on station. SOM on station. RHIBS on station. Coast Guard aircraft on station

(1955L). HSC-21 on deck SCI refueling.

Area/Coordinates searched: DATUM – 33 1' 118 39' passed by SOM TWR at 1920

Search Pattern(s) used: Sector, Ladder search, creeping line.

Aircraft Equipment used: FLIR

Sightings: Once on station two AAVs with personnel on top of vehicles (some with flotation) heading towards USS

Somerset. Several pieces of equipment IVO of AAVs. No personnel recovered from the water by BT 55.

Recoveries: None.

Patients on board/injuries: 1 MEDEVAC from SOM to Scripps Hospital,

Personnel on aircraft (not aircrew): 3 HMs providing care for patient en-route to Scripps.

Problems encountered (weather, sea state, terrain): Sea Sate 4/5, lower cloud layer as night progressed

Land: 2238

Other information: Enroute to DATUM was not able to coordinate going through HOT SHOBA ranges despite relaying to Beaver Control of current SAR. Had to reroute EAST around the SHOBA ranges. On station at DATUM at 1845L and was not notified of 11 missing souls until 1958L.

### **BULLET 47**

Crew Composition and Names

(b)(3), (b)(6), (b)(7)(c)

Notification of SAR: Re-rolled at approximately 1830 on deck MKI, 1830-2338

Launch: 1848, 30JUL20

On station: Approximately 1915

Controlling agencies talked to: Starburst (on deck MKI & enroute, called as RESCUE 47), Beaver on 266.9 (RESCUE 47). Checked in with SOM TWR (OSC when we arrived), Beaver on 266.9 enroute Scripps (RESCUE 47), SoCal Approach (RESCUE 47), Foss TWR (RESCUE 47).

Other players: HSC-23 BT 55 on station; SOM on station; RHIBS in the water from SOM; HSC-21 on deck SCI refueling

Area/Coordinates searched: DATUM passed from SOM: N33 1' W118 39' Search Pattern(s) used: Parallel from the shoreline to the stern of SOM, S to N

Aircraft Equipment used: Wool blankets

Sightings: None Recoveries: None

Patients on board/injuries: 2 MEDEVAC from SOM:

A) Black-tag; had 2 hours of CPR performed on SOM.

B) 23 yo Male; IV/Saline Drip Right AC. Bleeding from right ear, nose, began vomiting blood in last 20 minutes of flight en route to Scripps. Off deck SOM at 2025. On deck Scripps at 2100.

Personnel on aircraft)(3), (b)(6), (b)(7)(SOM). Dropped off on MKI at 2311.

Problems encountered (weather, sea state, terrain): WX on return to MKI. Instrument approach, broke out at 275'.

Land: 2311

Other information: HAZMAT clean-up after on deck MKI.





### ------SEARCH FLIGHTS------

**BULLET 44** 

Crew Composition and Names

(b)(3), (b)(6), (b)(7)(c)

Launch: 2200, 30JUL20 On station: 2215–0045

Controlling agencies talked to: Raider Tower, ICEPACK, DELTA CONTR, KNUC Tower

Other players: RS 17, USS Somerset, unidentified USCG Cutter and USN DDG, USCG 0063 Jayhawk Helicopter,

Seal Team Seven.

Area/Coordinates searched: Northeast coast of San Clemente, (N33 02 55, W118 40 55), Box S2 (N33 00 50 W118 32 00, N33 00 50 W118 32 50, N32 56 00 W118 37 00, N32 56 00 W118 32 50) Southwest coast of San Clemente.

30' creeping hover over entire northern half of western coastline of SCI 5X. Search Pattern(s) used: Creeping Line, Expanding Square, Sector Pattern

Aircraft Equipment used: FLIR

Sightings: Strobe light (flashing) located with corpsman gear. Identified in a tide pool (low tide) just east of datum.

Medevacs: N/A Land: 0100L

**BULLET 47** 

Crew Composition and Name

(b)(3), (b)(6), (b)(7)(c)

Launch: 0030, 31JUL20

On station: 0045

Controlling agencies talked to: Raider Tower, ICEPACK, DELTA CONTR, KNUC Tower

Other players: RS 17, USS Somerset,

Area/Coordinates searched: Datum: N33 00.12 W 118 35.94, Sector1: N33 00 00 W118 40 50, N33 00 00, W118 36 00, N32 56 00 W118 36 00, N32 56 00 W118 36 00, N32 56 00 W118 37 00, N32 56 00 W118 32 50, N32 56 00 W118 32 50, N32 56 00 W118 37 00

Search Pattern(s) used: Creeping Line, Expanding Square, Sector Pattern

Aircraft Equipment used: FLIR

Sightings: What looked look a blanket/tarp and some debris in the kelp off the north western coastline of San

Clemente at N32 59 30 W118 34 58

Medevacs: N/A

Personnel on aircraft (not aircrew): N/A

Problems encountered: Sea State 5-7 feet cloud ceiling approximately 200 feet and visibility shifting between 3 to 1

mile.

Land: 0400

### BULLET 44

Crew Composition and Name:

(b)(3), (b)(6), (b)(7)(c)

Launch: 0600, 31JUL20

On station: 0630 - 0730 / 0800 - 0915

Controlling agencies talked to: Raider Tower, ICEPACK, DELTA CONTR, KNUC Tower

Other players: RS 17, USS Somerset, unidentified USCG Cutter and USN DDG.

Area/Coordinates searched: Northeast coast of San Clemente, (N33 02 55, W118 40 55), Box S2 (N33 00 50 W118 32 00, N33 00 50 W118 32 50, N32 56 00 W118 37 00, N32 56 00 W118 32 50) Southwest coast of San Clemente

Search Pattern(s) used: Creeping Line, Expanding Square

Aircraft Equipment used: FLIR

Sightings: Several pieces of personal equipment sighted and reported to DELTA CONTR. No recoveries or patients recovered.

Medevacs: N/A

Personnel on aircraft (not aircrew): 5 PAX's transferred from MKI to SOM during tasking.

Problems encountered: Sea State 4/5, winds blowing from the southwest made searching along the north east shore

difficult. Land: 0930





BL 47 originally briefed at 0200 to arrive on scene by 0300, however ORM dictated a delay of 3 hrs. BL 47 departed MKI at 0600, arrived on scene by 0615. Immediately tasked by DELTA CONTR to perform a creeping line search along the northwest and northeast coast of San Clemente. Then passed DATUM of (N33 02 55, W118 40 55) and proceeded to preform expanding square pattern for 30 mins prior to returning to MKI for pax transfers. After returning from PAX transfers, BL 47 completed search of coastline and littoral of Southwest shore spotting several equipment items in the water. RTB 0910.

### **BULLET 55**

Crew Composition and Names

(b)(3), (b)(6), (b)(7)(c)

Launch: 0915, 31JUL20 On station: 0930-1200

Controlling agencies talked to: Raider Tower, ICEPACK, DELTA CONTR, KNUC Tower Other players: Blue Hawk 701, USS Somerset, unidentified USCG Cutter and USN DDG.

Area/Coordinates searched: Northeast coast of San Clemente, (N33 02 55, W118 40 55), Box S2 (N33 00 50 W118 32 00, N33 00 50 W118 32 50, N32 56 00 W118 37 00, N32 56 00 W118 32 50) Southwest coast of San Clemente

Search Pattern(s) used: Creeping Line, Expanding Square

Aircraft Equipment used: FLIR

Sightings: Several pieces of personal equipment sighted and reported to DELTA CONTR. No recoveries or patients

recovered.

Medevacs: N/A

Personnel on aircraft (not aircrew): Combat Cameraman

Problems encountered: Sea State 4/5, winds blowing from the southwest made searching along the north east shore difficult.

Land: 1200

## U.S.M.C. Amphibious Assault Vehicle (AAV) Response





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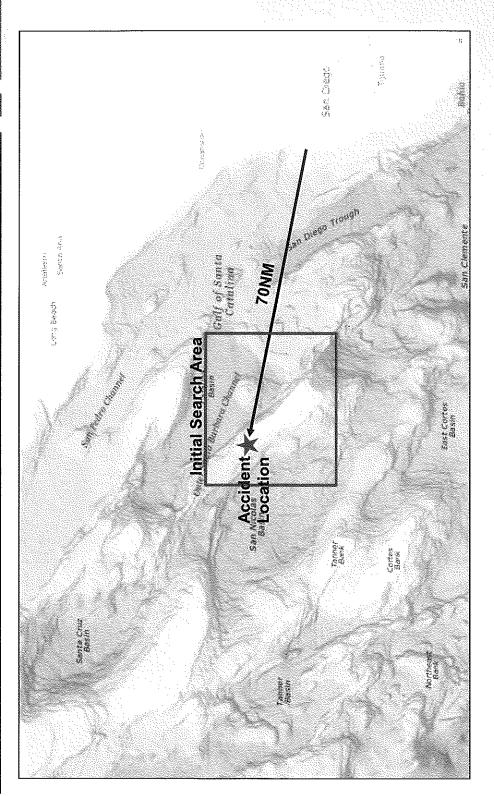
# Summary of Search and Rescue Operations

and USN vessels immediately responded the accident location. Eight Amphibious Assault Vehicle operating 1.6 nautical miles West of San MAKIN ISLAND, USS SOMERSET, USCGC FORREST REDNOUR, JSCG Sector San Diego MH-60 helicopter, USN SH-60 helicopters, and Rescue Mission Coordinator (SMC). The Coast Guard has sent commenced for the remaining eight souls. Commander Amphibious approximately 300 feet of water. Hearing the distress call, the USS Squadron 3 aboard the USS MAKIN ISLAND assumed the Search Memorial Hospital in La Jolla for medical treatment. Search efforts Clemente Island with 16 souls aboard took on water and sank in At approximately 1824 pm on Thursday, 30 July 2020 a USMC an SMCLO to assist with technical search and rescue support souls were recovered with three being transported to Scripps provided by USCG Rescue Coordination Center Alameda.

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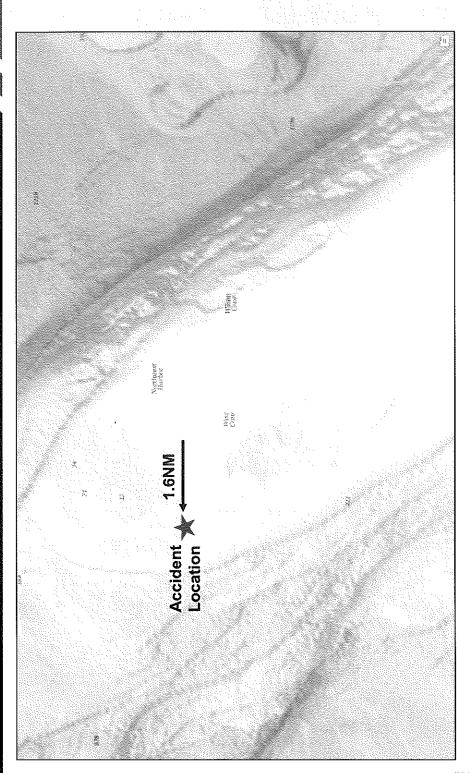
## Area of Operations with initial position



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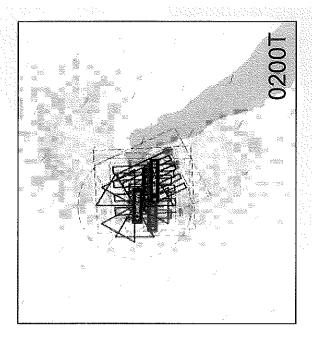
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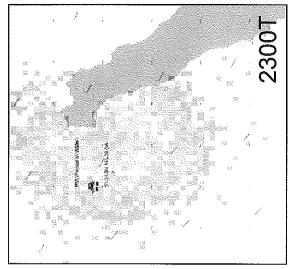


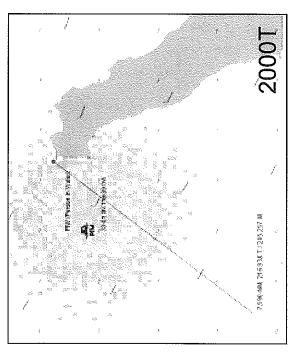
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## 30 July Particle Projections



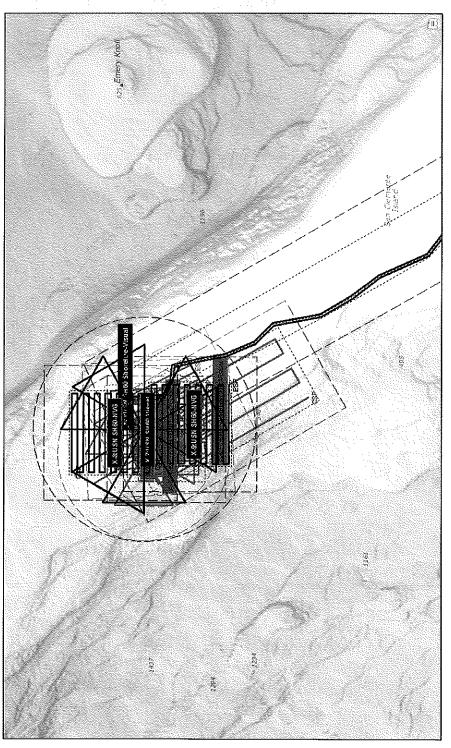




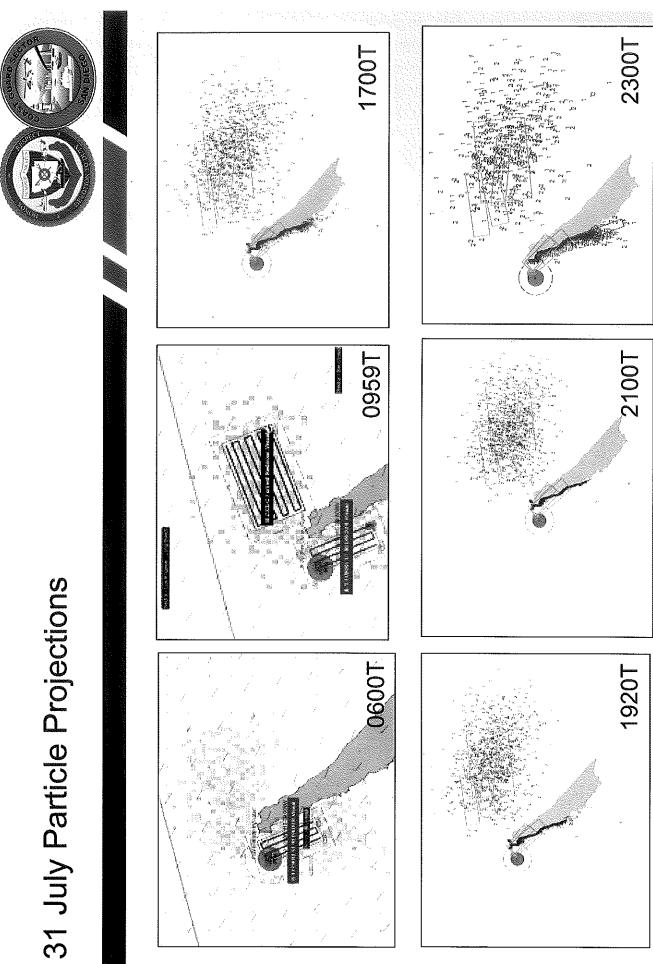


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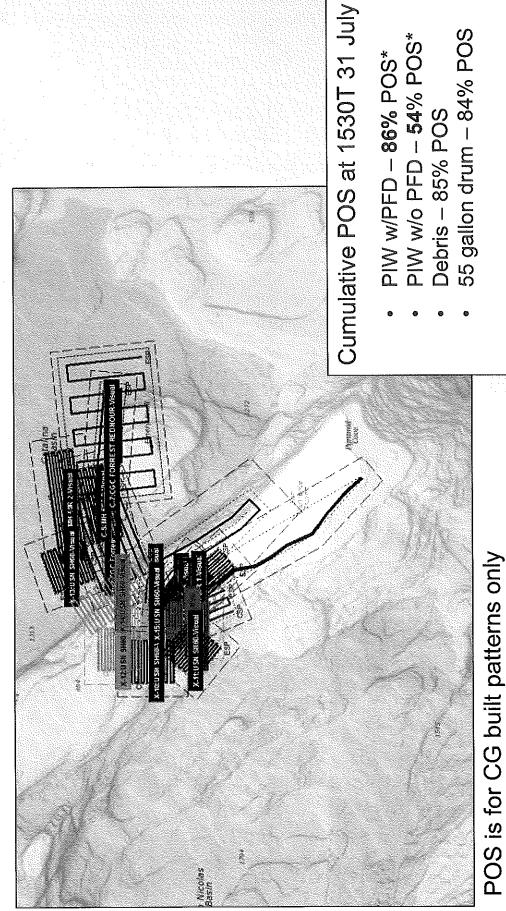
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### 31 July Search Efforts





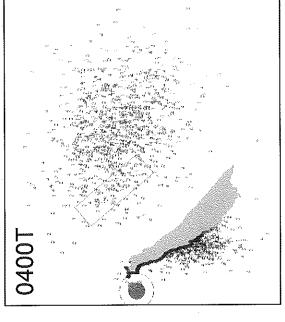
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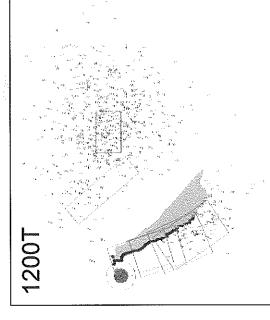
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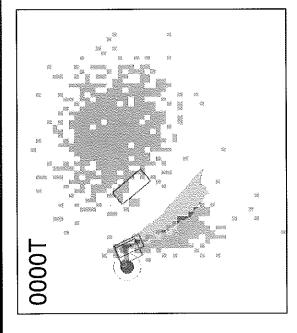
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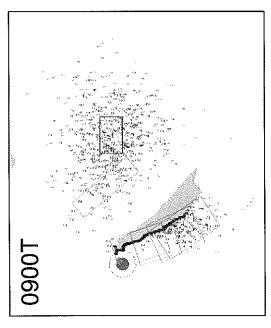








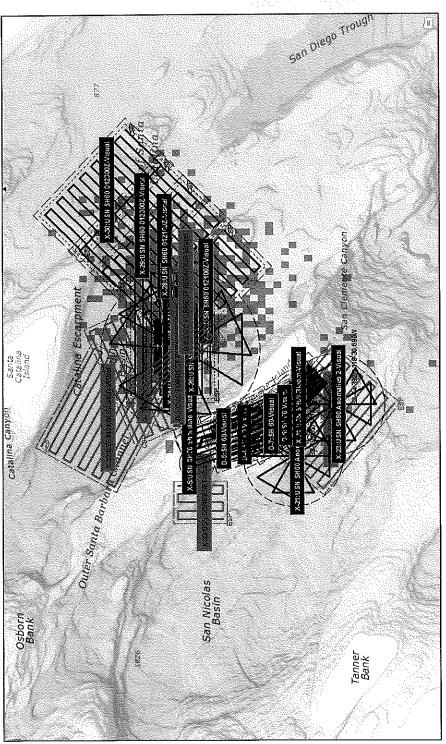




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### 01 August Search Efforts





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## Summary of Search Effort and Rescue Units



#### **USS MAKIN ISLAND**

Search Mission Coordinator (SMC)

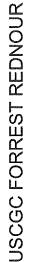
**USS SOMERSET** 

On Scene Coordinator (OSC)

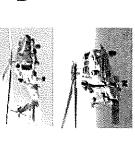


**USS SAN DIEGO** 

**USS JOHN FINN** 



USCG Sector San Diego MH-60



USN Helicopter Squadrons: HSC-23, HSM-78, HSM-49

54 USN & USCG Helicopter Searches

135.1 Flight Hours

(

 Continuous Large Naval Vessel & USCG Cutter Presence

5 large assets

7 RHIBS\*

 2 Seal Teams\* (Completed Shore/Surf Searches on the west side of the Island)

CGLO SME deployed to assist response planning

CG RCC 24 hr. support w/ particle drifts & pattern planning

1390 Square Nautical Miles Searched

1820 Trackline Miles Searched

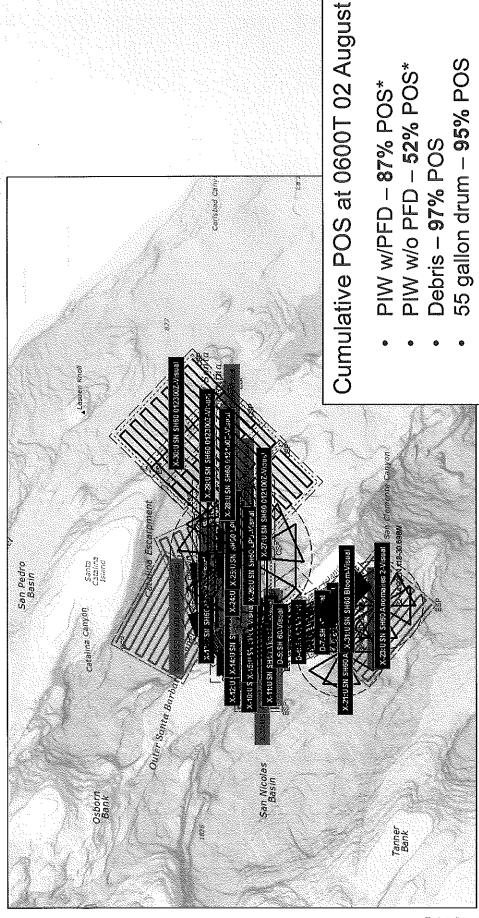
58.5 Continuous Hours Searched

\*Not factored into the hours or searches

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### Summary of Search Efforts



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Assault Amphibian Vehicle Commanders Course (AAVC) CID M1019Q3:

Has not Attended AAVC

Graduated 20200630

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Graduated 20161116

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Assault Amphibious Vehicle Repairer Basic Course (AAVRB) CID M1018Y3:

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Graduated 20090807

Graduated 20170603

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COURSE ASSAULT AMPHIBIAN OFFICER M1018J3 WILLI

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CLASS: ID 2019001 Reporting 3/31/2019 Convening 4/1/2019 Graduating 6/26/2019 School ASSAULT AMPHIBIOUS SCHOOL BATTALION Camp Pendleton CA

Officers do not attend AÁUL, they attend AAO

Class Status: Validated

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RUC.21810 3D AAV BN 15T (ARDIV PMOS:1833 Assault Amphibio(A) (chicle (AAV) Crewmember (b)(6),

Giệt Caiệt

alt Amphibian Unit Leaders Course

Electronic Training Jacket (ETJ) Registrations

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7/27/2018 4/22/2015

Graduate

Graduate Graduate

7002/22/2 8/10/2011

> Graduate Graduate

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Graduate 9/12/2019 4/22/2015 2/27/2007 6/5/2007 7/27/2018 110Z/01/B 4/22/2015 1/19/2007 30/24/2006 7/16/2018 6/23/2011 3/2/2012 7/2/2007 4/4/2007 3/2/2015 7/15/2018 10/22/2206 6/22/2011 9/12/2019 2/6/2007 3/1/2015 Funding Report Status Type Report REGIST\_CANCELED Registration Cancellation Class Completed Class Completed Class Completed Class Completed Class Completed Class Completed Class Completer Registered 5/16/2011 7/13/2018 1/29/2007 9/17/2019 2/27/2015 1/26/2018 1/15/2007 11/6/2005 Class Code 2018021 2002102 2015003 2007150 3007005 COMMON LOGISTICS COMMAND AND CONTROL SYSTEM (CLCLS) OPERATOR MAIS4 LMC MOBILE THAINING TEAM assault amphibian crewinember RECRUIT TRAINING MASTER (MALE) MARINE COMBAT TRAINING (MCT) SERGEANTS SCHOOL BASTC RECRUTTER BASIC RECRUITER Course ENCLOSURE (38) Œ



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No Assault Amphibian Vehicle Commander Course (b)(6),

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RUC21820 3D AAV BN 15 MARDIV PMOS:1833 Assault Amphibigus Vehicle (AAV) Crewmember

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Electronic Training Jacket (ETJ)

Registrations

No Assault Amphibian Vehicle Commander Course

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Comp Date

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This roster to the left is the Class historical documents Graduation Roster verified he did AAC 09-17.

get completion coded for this class, so I retroactively did it since I noticed his registration was expired in MCTIMS and he did not I had proof he completed the course.

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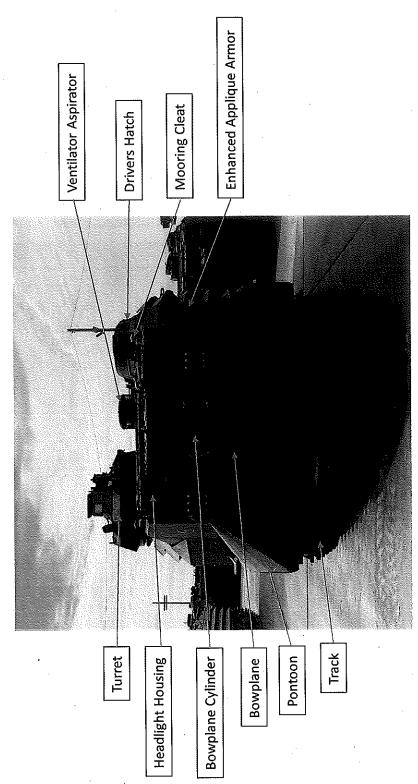
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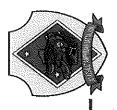
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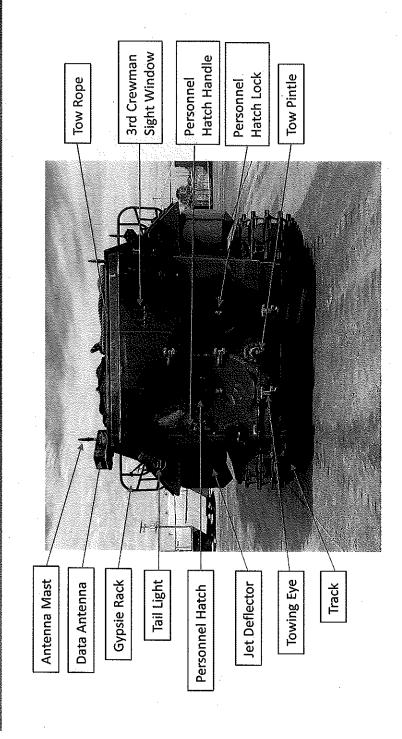
#### FRONT EXTERIOR







#### **REAR EXTERIOR**

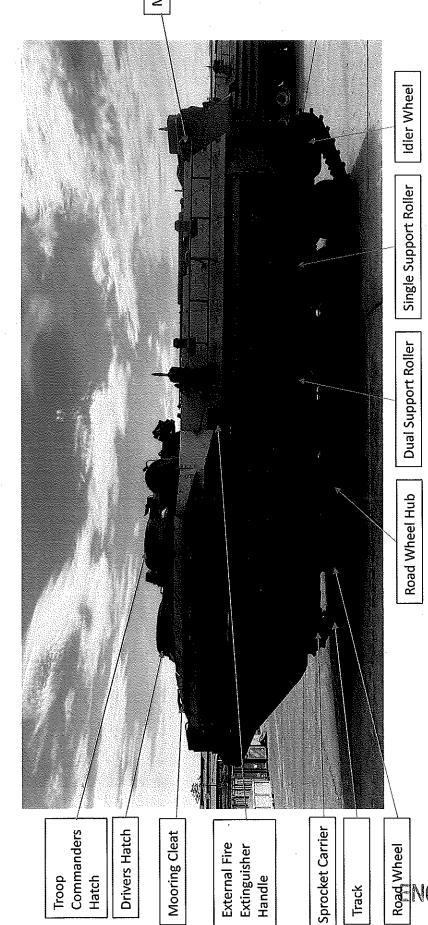




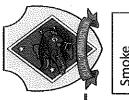




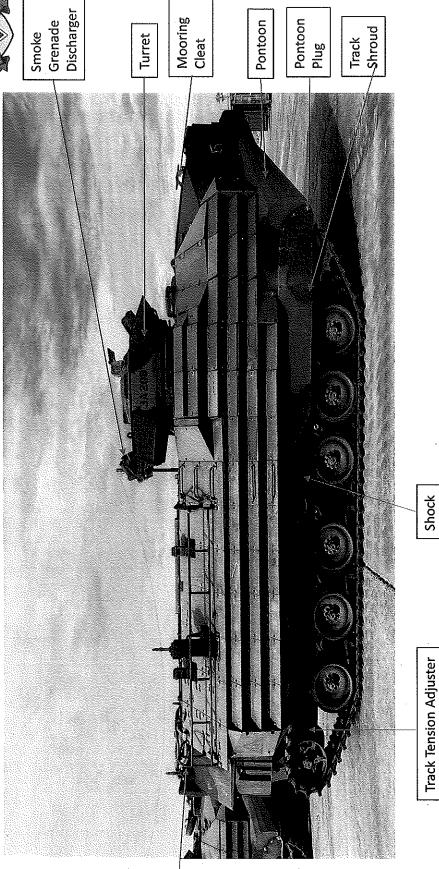
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PHANCLOSURE (37)

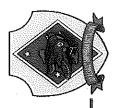


### STARBOARD EXTERIOR





Mooring Cleat



## EXTERIOR TOP VIEW HATCHES CLOSED

Hatch Forward Handle Starboard Side Cargo Hatch Starboard Side Cargo Range Flag Holder Smoke Grenade Turret Hatch Sight Block Launcher Turret

Exhaust

Port Side Cargo Hatch

**Forward Handle** 

Cargo Hatch Torsion

Bar Spring

Port Side Cargo Hatch

**Enhanced Applique** 

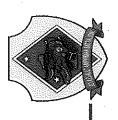
**Armor Panel** 

Drivers Hatch

Troop Commanders

Hatch





## EXTERIOR TOP VIEW HATCHES CLOSED CONT.

Water Towing Ropes

Starboard Side Aft Cargo Hatch Handle Cargo Hatch Torsion Bar Spring Cargo Hatch Support

Starboard Side Forward Cargo Hatch Handle

Port Side Aft Cargo Hatch Handle Cargo Hatch Torsion Bar Spring Cargo Hatch Support

Port Side Forward Cargo Hatch Handle





### TURRET HATCH OPEN



Engine Compartment Ventilation Air Outlet

Vehicle Commanders Hatch

MK-19 Automatic Grenade

Launcher Mount

M2 .50 Caliber Machine Gun Mount

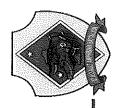
Exhaust

Exhaust Plenum

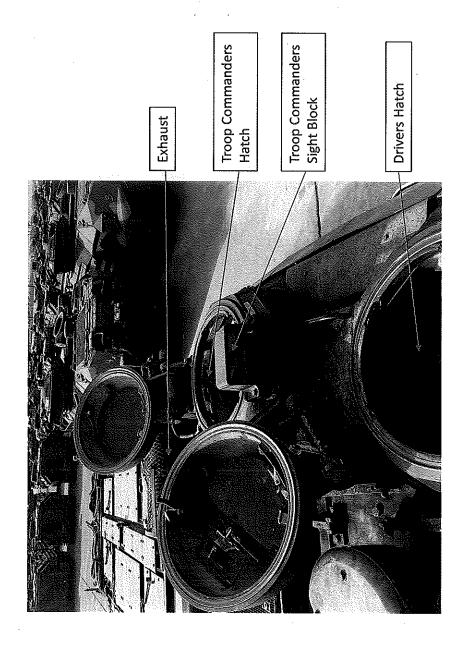
Exhaust Plenum Indicator

Ventilator Aspirator





# DRIVER AND TROOP COMMANDER HATCHES OPEN







## STARBOARD CARGO HATCH OPEN

Cargo Hatch Handle Starboard Side Aft

Starboard Side Bench Seat

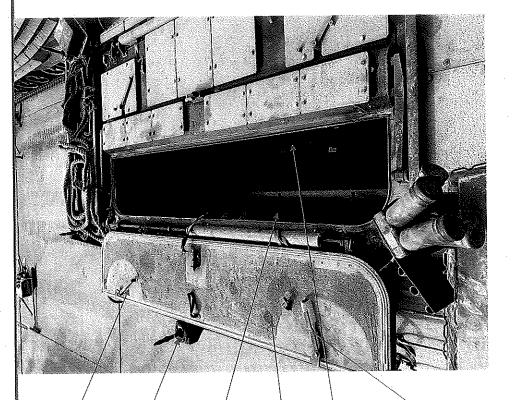
Antenna Mount

Starboard Side Cargo Hatch (Open)

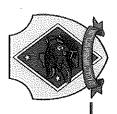
Center Bench Seat

Starboard Side

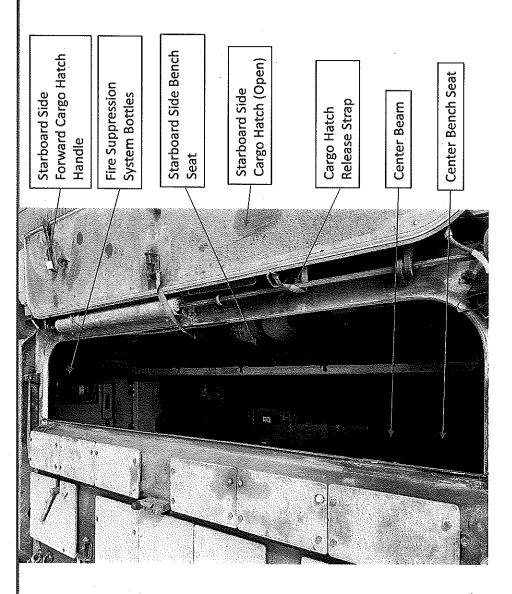
Forward Cargo Hatch Handle



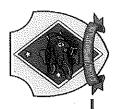




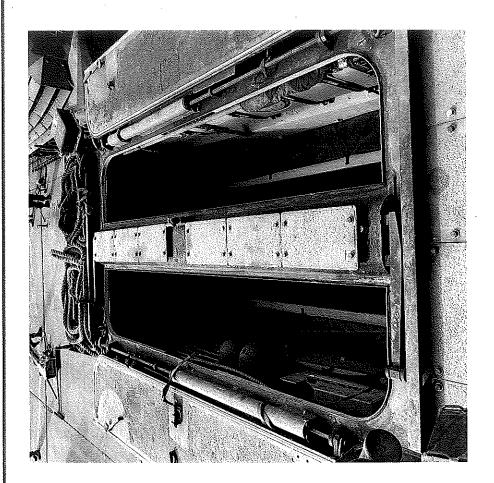
# STARBOARD CARGO HATCH OPEN CONT.







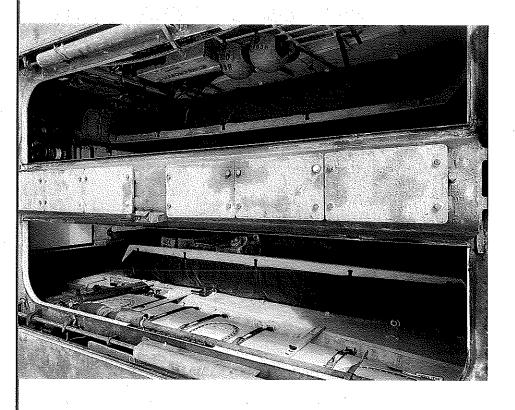
# PORT / STARBOARD CARGO HATCHES OPEN







# PORT / STARBOARD CARGO HATCHES OPEN CONT.







# PORT / STARBOARD / CENTER CARGO HATCHES OPEN





Sea Tow Quick Release Handle Bilge Pump Tube

(Hydraulic)

# RAMP DOWN INTERIOR VIEW

Tail Light

Bilge Pump Tube (Electric)

Starboard Side Bench

Seat

**Fuel Tank** 

Starboard Side Bench

Seat

Jet Deflector

Third Crewman Seat

Port Side Bench Seat

ontor Bonch Coar

Center Bench Seat

Jump Seat

Ramp Seal

Ramp

\* Consequence \*

RATE BENEATH A STREAM OF WATER FROM THREE OVERHEAD FAN-SHAPED NOZZLES WITH A TOTAL DISCHARGE OF 400 ± 10 GALLONS PER MINUTE. THE TESTING PERIOD, WHICH REPRESENTS THE TIME TO PULL THE VEHICLE LENGTHWISE AT A CONSTANT RATE BENEATH THE NOZZLE FLOW, SHALL BE 12 MINUTES ± 30 SECONDS.

LEAKAGE FROM THE CARGO HATCH SHALL BE SEGREGATED AND COLLECTED SEPARATELY. ALL OTHER LEAKAGE SHALL AGGREGATE INTO THE BILGE. ALLOWABLE TOTAL LEAKAGE FOR THE CARGO HATCH SHALL NOT EXCEED 9 GALLONS AND FOR THE REMAINING AGGREGATE SHALL NOT EXCEED 18 GALLONS.

4.5.2.6 STOWAGE CHECK. TO DETERMINE CONFORMANCE TO 3.4.11.
ALL MANUFACTURER AND DEPOT INSTALLED COLLATERAL EQUIPMENT
SHALL BE STOWED (COMBAT LOADED) ON THE SELECTED VEHICLE. ALL
INTERIOR AND EXTERIOR ITEMS SHALL FIT IN THE SPACES PROVIDED.
THOSE SHALL ITEMS SUCH AS WRENCHES, SOCKETS, PAINT BRUSHES,
SCRIBES, ETC.. THAT HOULD SERVE NO FUNCTION OR PURPOSE IN
THE STOWAGE CHECK MAY BE OMITTED AND THOSE NOT PHYSICALLY
STOWED SHALL BE VISUALLY CHECKED FOR STOWABILITY. THE
EQUIPMENT SHALL BE REMOVED AFTER THE TEST. THE COLLATERAL
EQUIPMENT USED SHALL BE OF THE LATEST PRODUCTION AVAILABLE
TO THE CONTRACTOR. THE CONTRACTOR SHALL BE PERMITTED TO
UNPACK AND REPACKAGE EQUIPMENT USED FOR TEST.

4.5.2.7 DRIVERS NIGHT VISION DEVICE (AN/VVS-2. TO DETERMINE CONFORMANCE TO 3.4.13, UNITS SHALL BE INSTALLED IN THEIR PROPER RECEPTACLE AND CHECKED FOR BINDING AND INTERFERENCE.

١	SIZE	CODE IDENT NO.	DRAWING NO.
1	<b>A</b>	00064	2600170
I	A	80004	2000110
			SHEET 40
	SCALE	TEV	

OD 3025 (12/84)

- 4.5.2.1 FREQUENCY. THE FIRST VEHICLE OFF THE PRODUCTION LINE AND THEREAFTER ONE PER MONTH SHALL BE CHECKED IN ACCORDANCE WITH THE FOLLOWING CONTROL TESTS. EXCEPT FOR CLOSURE WATER TIGHTNESS (4.5.2.5) WHICH SHALL OCCUR ON ONE (1) OUT OF EVERY EIGHT (8) VEHICLES.
- 4.5.2.2 TEST FAILURE. IF A VEHICLE FAILS TO PASS ANY CONTROL TEST SPECIFIED HEREIN, THE GOVERNMENT INSPECTOR MAY STOP ACCEPTANCE OF SUBSEQUENT LOTS UNTIL EVIDENCE HAS BEEN PROVIDED BY THE CONTRACTOR THAT CORRECTIVE ACTION HAS BEEN TAKEN.
- 4.5.2.3 SPECIAL MISSION KITS CHECK. (WHEN REQUIRED, SEE 6.2).
- 4.5.2.3.1 LITTER KIT. THE LITTER KIT SHALL BE INSTALLED PER DETAIL DRAWING AND CHECKED FOR FIT.
- 4.5.2.4 FUEL TANK CHECK. TO DETERMINE CONFORMANCE TO 3.4.4.1 THE TANK SHALL BE FILLED TO CAPACITY AT A RATE OF NOT LESS THAN 50 GALLONS PER MINUTE. THE TANK AND LINES SHALL BE CHECKED FOR LEAKS BEFORE AND AFTER A ROAD TEST \_N SMOOTH, LEVEL HARDSURFACED ROADS.
- 4.5.2.5 CLOSURE WATER TIGHTNESS. TEST METHOD AND APPARATUS SHALL CONFORM TO TEST AND INSPECTION PROCEDURE 53711-5429064. TO DETERMINE CONFORMANCE TO 3.4.7, ALL HATCHES, DOORS AND PLENUMS SHALL BE CLOSED AND LOCKED, AND THE ENGINE EXHAUST, ASPIRATOR, ENGINE COMPARTMENT VENTILATION OUTLET, BILGE PUMP OUTLET AND ANY OPENINGS NORMALLY HAVING EQUIPMENT INSTALLED SHALL BE SEALED. THE VEHICLE SHALL BE TOWED AT A CONSTANT

•	-		the state of the s
Í	51 <b>2</b> 2	CODE IDENT N	O. DEAWING NO.
Ì	A	2006	1 26001/0
1	M	0000	
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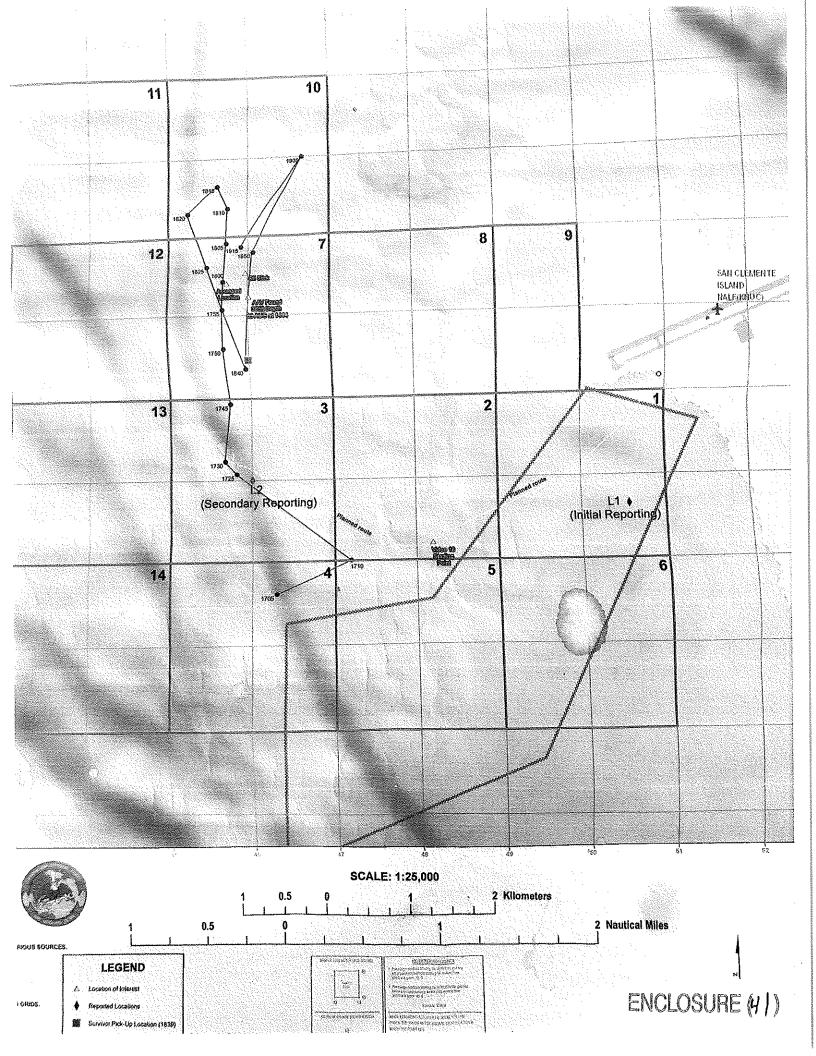
00 3025 (12/84)

#83

APPLIC	ATION	İ	REVISIONS	
NEXT ASSY USED ON			DESCRIPTION	DATE APPROVED
2600000	AAVP7A1		REDRAHN AND REVISED	I COACULATION I
			ECP E02090 SEE NOR 51900	
			ECP E02083 SEE NOR 51422 ECP E02134 SEE NOR 52172	
	772)	- D	ECP E02126 SEE NOR 52078	}
		-	ECP H31166 SEE NOR 70462	•   •
		2002	ECP M31258 SEE NOR. 71232 ECP M31236 SFR. NOR. 71151	8-20
		accompany to the second	ECP M31236 SEE NOR 71151	
		E	ECP EO2124	4-28
	<u></u>	1 - 1	SEE NOR 52681	(a) (b) (6), (b) (7) (c)
	and V		JEE WAY JEAGI	
		F	ECP 5050RICI	89-
1. 1			SEE NOR 80310	OFOE
			ECP 5139	THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER.
	4	G		15-24-40
NOTES:		1	SEE NOR 81640	12d7 <b>4</b> 0

- I. INTERPRET DRAWING IN ACCORDANCE WITH STANDARDS PRESCRIBED BY MIL-STD-100
- 2. GODE LOENT
  53711-NAVAL SEA SYSTEMS COMMAND, WASHINGTON D.C. 20362
  19204-90CK ISLAND ARSENAL, NOCK ISLAND, IL 61201
  19207-U.S. ARMY TANK AUTOMOTIVE COMMAND, WARREN, MI 48090

	péli	Ε	G	E	E	E	ε	F	F	E	E	E	E								
	SHEET	41	42	43	46	45	46	47	48	49	50	51	52								
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UNLESS OTHERWISE SPECIFIED  C:MENSIONS ARE IN INCHES TOLERANCES ON ANGLES  DECIMALS  DOCUMENTS  CONTRACT NUMBER  NOO 24-77-C-2028  FMC Corparations CIN 60218  Ordereds Engineering Division San Jose California \$6108  MATERIAL  (b)(3), (b)(6), (b)(7)(c)  DATE OF OTHS PERSONNEL CARRIER ( SPECIFICATION										S COMMAND											
										L CA	RRI	ER (	AAV		}						
INSPECTION ENGA (b)	(3), (b)(6)		(7)(	c) (b)(3	), (b	)(6),	(b)(7	')(c)	1	. 1		06		DRA	2	6	0(	)I	7C	)	
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## AAV WATER SPEED ESTIMATES

 $(b)(6), (b)(7)(c) \qquad \qquad \text{from Naval Surface Warfare Center, Carderock} \\ \text{Division (NSWCCD)} \quad \text{and} \quad (b)(6), (b)(7)(c) \qquad \text{an Engineer from Program} \\ \text{Management, Advanced Amphibious Assault, developed an estimate for the} \\ \text{time required for AAV to traverse 1 Nautical Mile in Sea States 1 - 4.} \\$ 

Sea State	AAV Speed (Knots)	1 NM Traverse Time*
1	6.5	9 min 12 sec
2	6.2	9 min 42 sec
3	5.5	10 min 54 sec
4	4.0	15 min 0 sec

<sup>\*</sup> Sea States 3 and 4 can include randomly occurring waves of 10 and 16 feet high (respectively), which will increase the time.

## THE POPULAR TO THE PO

## Waterlines at Various Weight Conditions



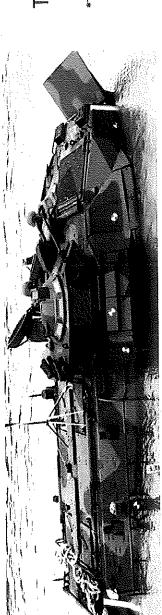
## Crew Loaded Weight

This is the equivalent of Combat Equipped Weight

52,120 Lbs



## Troop Loaded Weight 58,105 Lbs



(U) Unclassified

Troop Loaded Flooded to EELS Weight
\*This is equivalent to boot ankle height

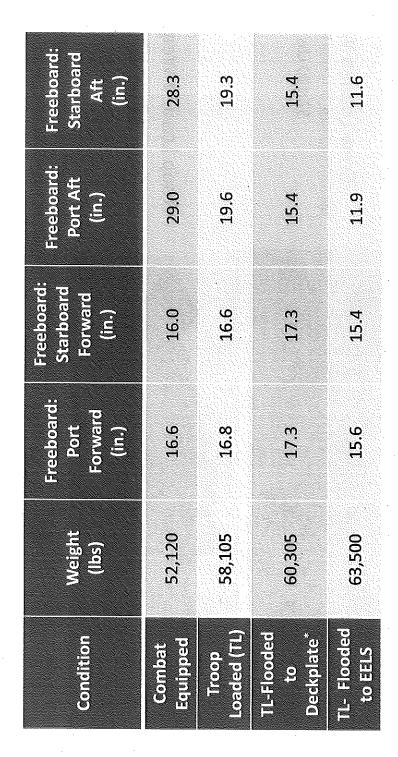
63,500 Lbs

**'** 

## TEMS PROPERTY OF THE PARTY OF T

## (U) Unclassified

# Freeboard and Reserve Buoyancy



As seen in the lower picture on the previous slide, as the weight of the vehicle increases, there is a significant loss of freeboard as the trim angle changes.

## 3d aabn water Tight Integrity Checklist

Vehicle Tac#\_

Vehicle USMC# 513 S|9

#	DESCRIPTION	SERVICEABLE	UNSERVICEABLE	DEGRADED	REMARKS
<u> </u>	RAMP AND RAMIP SEAL: Inspect rump and rump seal surfaces and seals for damage per TM 09674A-25&P4C Chapter 8 PAR. 8-27 pg. 8-110 through pg. 8-117 with table 8-15 and FOV LTI.				
7	PERSONNEL HATCH AND PERSONNEL HATCH SEAL: hispect personnel hitch and personnel hatch seal per TM 09674A-25&P/4C Chapter 8 PAR, 8-31 pg. 8-140 with table 8-21 and FOV LTI.			-	
ω	INULL PLUGS, CONTACT COOLER PLUGS AND PONTOON PLUGS: Inspect plugs per TM 09674A-10/3C Chapter 2 PAR. 2-9 pg. 2-74 with appendix I pg. 5 and FOV LTI.			>	
4	WATER PROPULSION SYSTEM (INTERNAL): Inspect water propulsion system per TM 09674A-25&P/4C Chapter 9 PAR. 9-16 and 9-17 pg. 9-45 through pg. 9-68 with table 9-19 and FOV LTI.				
٠,	WATER PROPULSION SYSTEM (EXTERNAL): Inspect water propulsion system per TM 69674A-25&P/4C Chapter 9 PAR. 9-20 and 9-21 pg. 9-96 through 9-108 with tables 9-24/25 and FOV LTI.				
9	MID-SIIIP SEALS AND BEARINGS: Inspect mid-ship scals and bearings per TM 09674A-25&P/4C Chapter 9 PAR, 9-18 pg. 9-69 through pg. 9-71 with tables 9-20 and FOV LTI.				
7	BILGE PUNIPS: Inspect bilge pumps per TM 09674A-10/3C Chapter 2 PAR. 2-19 pgs. 2-74&75 with appendix I pg. 5 and FOV LTI.				
7,		/			
7.13	Forward-Starboard: Electric Blige Pump.	V		·	
5	Aff-Port: Electric Bilge Pump.	V			
70	Aft-Starboard: Hydraulic Bilge Pump.			7	
<b>8</b> 2	FINAL DRIVE MATING SURFACE: Visually inspect the final drive to hell mating surfaces for any cracks or separation.				
9	SEALS: Inspect drivers, troop commander, TURRET AND CARGO HATCHES AND SEALS: Inspect drivers, troop commander, turret and cargo hatches and scals per TM 09674A-25&P/4C Chapter 8 PAR. 8-21, 8-23 and TM 1004A-25&P/2D PAR. 6-19 with FOV LTI.				Small Garge hateh
	(b)(3 <b>)</b> , 'a		(b)(3),		Date
Ins	Inspected by:		(b)(6),	ſ	Converos
Pia	Platoon Commander:	Addition with the contract of	(b)(7)(c)	ALTERNATION TO THE PROPERTY OF	
X	Maintenance Officer:		-		
ŝ	Company Commander:				
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## Skylla Engineering Ltd 407 E Main St. Humble TX, 77338

19 Aug 2020

From:

(b)(6), (b)(7)(c)

Field Service Representative PMAAVS

Subj: SINKING OF VEHICLE 523519 ON 30 JULY 2020

Encl: Limited Technical Inspection (LTI)

I (b)(3), (b)(6), (b)(7)(c) was requested to provide a Limited Technical Inspection (LTI) and provide findings and opinions on the mechanical state of the vehicle listed above. The vehicle hull was checked for water intrusion by spraying water over top deck of vehicle to check hatches and plenum doors. Vehicle was then backed into water until buovant. Ramp seal, door seal, and lower hull were checked for leaks. I was assisted by (b)(6), (b)(7)(c) during this inspection. The findings are as follows:

## a. Positions of vehicle controls/switches:

- 1. Master Switch was in ON position
- 2. Power Train Switch in ON position
- 3. Mode selector Switch in "Water Jets"
- 4. Electric Bilge pumps in ON position
- 5. Vent Fan was on and in HIGH position
- 6. Emergency Egress Lighting system (EELs) was in disable position
- 7. Gear Sector was in 4th gear forward position
- 8. Ramp Lock Handle was unlatched, ramp dogs were still engaged to ramp.

**Note:** All switches were in the correct position for water operations. Gear selector is usually in neutral but can be placed in gear during rough seas to keep vehicle bow up. By the deadline criteria for this vehicle, EELS is not required to be operational to conduct water operations.

## b. Vehicle Discrepancies found during LTI:

- 1. Port headlight electrical thru-hull connector not properly installed leaving opening for water to get inside hull. Opening is approximately 1 inch in diameter.
- 2. Ramp Personnel Door Handle loose, door does not close tight. Thru hole in ramp for handle shaft has excess play.
- 3. Both forward Bow Pods have damage. Starboard side has a 12" by 12" square piece of metal plate missing. Port side is damaged in the same area as starboard side but is still intact.
- 4. Ramp has damage on the inside starboard side flat plate. Outside starboard edge of ramp cracked. Ramp is leaking water from this area.
- 5. Suspension support plates had cracks on Starboard number 2,3,4,5 and Port number 4.
- 6. EEAK armor missing mounting hardware securing plates to hull in multiple areas.

## Subj: SINKING OF VEHICLE 523519 ON 30 JULY 2020

- 7. Plenum center plate had 1 bolt not tight.
- 8. Missing DVE drivers hatch plug.
- 9. Starboard rear Hydraulic Bilge pump possibly not pumping. No oily residue on cover.
- 10. Starboard cargo hatch seal needs replaced.
- 11. Ventilator/Aspirator was sticking, should have free movement.
- 12. Cooling Tower not installed correctly. Cooling tower seal was not sealing against center plate. Missing all mounting hardware to secure cooling tower to power plant.
- 13. Components that were contaminated with sea water are engine, final drives, right angle drives.
- 14. Transmission had no visible oil on dipstick.
- 15. Engine and Transmission drain lines were not stored correctly and were laying on the deck. Transmission drain plug was loose.
- 16. Water pump belt was not at the correct belt tension.
- 17. Air Cleaner housing was not bolted in rear mounts.
- 18. Missing all fire bottle tags for weight and date.
- 19. Rear AFSSS sensor wiring harness unplugged.
- 20. Turret sight is unserviceable, broken sight glass.
- 21. Crossbar arm for Elevation Mechanism upper mount bent.
- 22. Port side smoke grenade mount bent.
- 23. Flag bracket corroded and bent.
- 24. Sight power cable not installed correctly.
- 25. Elevation Mechanism not mounted at top mount to arm.

**Note:** Vehicle and Turret operation section of the LTI were not performed due to not being able to start vehicle because of no electrical power.

## c. Water intrusion tests:

- 1. Water was sprayed on intake and exhaust plenum grills. Water leakage was not measured, but a significant amount of water was leaking through both grills.
- 2. Water was sprayed over the port and starboard cargo hatch area. Water leakage was minimal.
- 3. Water was sprayed into missing headlight connector in front bow. Water leakage was not measured but a significant amount of water leaked through bow pod drain into vehicle engine compartment.
- Vehicle was backed into jetty to test the ramp seal and ramp personnel door seal.
   Water leakage was minimal on ramp seal. Personnel door seal was leaking significant more than allowed.
- 5. Internal ramp face did not leak inside vehicle.
- 6. Lower Hull was inspected for leaks. Leaks were found on the number 2 port side road arm assembly to hull area. Number 4 port torsion bar anchor area also had minor leaking.
- 7. Port and Starboard midship seals had minor leaks.

Subj: SINKING OF VEHICLE 523519 ON 30 JULY 2020

## d. Plenum inspection:

- 1. Vehicle plenum was removed and using a donor vehicle to power the hydraulic cylinders, the exhaust and intake plenums were function tested. Internal door hinges, seals, cylinders, and the locking roller assembly were inspected on both intake and exhaust sides.
- 2. Internal door seals were not torn, although one of the seals (intake side) had a slight roll/cup. Using feeler gauges, the fit between the internal door and seal was checked for contact. It was found that there were areas that did not seem to make contact. This would be a cause for a leak.
- 3. Plenum housing seal to hull was inspected with no significant findings found.

## e. Propulsion shafts will not turn:

1. Disconnected propulsion system at the lateral drive shaft to right angle drive units. Once disconnected the propulsion system would rotate from the right angle drive units. The Power Take-off (PTO) marine drive clutch was frozen and the cause of shafts not rotating.

## f. Rear Hydraulic Bilge Pump:

1. Hydraulic bilge pump was pulled and inspected to see if it was frozen. Pump was not frozen. Inspected Inlet screen and discharge tube and no discrepancies were found.

## g. Opinion:

The above listed findings can be found on any vehicle out in the fleet. This vehicle had "no one" discrepancy that would of caused it to sink. There had to be a sequence of failure of components and or changes in sea conditions. My synopsis of the events would be as follows:

- 1. The first component that failed was the transmission. The failure was caused by the loose drain line plug allowing the oil to leak out at a slow steady pace.
- 2. When the Transmission lost enough oil, the Marine Drive clutch would have failed causing the propulsion units to quit working.
- 3. The driver would have then put the transmission into 4th gear to gain movement in the water. Oil is still leaking out of the drain line because of loose plug.
- 4. Once vehicle lost momentum in the water because of complete transmission failure due to lack of oil, the engine was probably put at an idle. The forward hydraulic bilge pump would not be pumping out water due to low engine speed. Max output for bilge pump is when the engine is operating above 2200 rpms.
- 5. Water is still coming in the vehicle at the same rate and vehicle went from 3 bilge pumps to 2. Incoming water is now greater than what is being pumped out.
- 6. Once water level reaches the deck plates, water level in the engine compartment is now rising. Generator belt starts to sling water up and out of engine panel and also onto the generator. Generator now fails.
- Vehicle now only has batteries for electrical source. Electric bilge pumps will run at a degraded status until power is depleted from batteries.

## Subj: SINKING OF VEHICLE 523519 ON 30 JULY 2020

- 8. Vehicle hatches should now be open and crew should be evacuating vehicle. Water would be able to enter hatch openings as waves break against/on vehicle.
- **9.** Vehicle now has no way to pump out incoming water. It is only a matter of time before vehicle sinks.

**note:** The damage to the inside of ramp and both pontoons was likely caused by overpressure while the vehicle was sinking. The missing piece of metal out of the starboard pontoon was likely a past repair. No documentation of repairs could be found from maintenance records.

Respectively Submitted.

(b)(6), (b)(7)(c)

## APPENDIX E LIMITED TECHNICAL INSPECTION

## E-1. AAV7A1 LIMITED TECHNICAL INSPECTION.

Table E-1. AAV7A1 Limited Technical Inspection

ASSAULT AMF LIMITED	PHIBIOUS VEHICLE (AAV7A1) FECHNICAL INSPECTION							
MODEL (CIRCLE ONE)	REFER	REFERENCES						
AAVP7A1 AAVC7A1 AAVR7A1	TM 07007/07267/07268-25/1 TM 07267C-25/1 TM 07268C-25/1	TM 07007/07267/07268-25/2						
TAC NO. 7-15-05	MILES 153/, 2							
U.S.M.C. NO. 5235/9	HOURS 329,92							
HULL NO. Ram- Y-009								
ENGINE NO. 37222121								
TRANSMISSION NO. 2004-225								
INSPECTOR'S NAME/RANK	DATE INSPECTED							
(b)(6), (b)(7)(c)	8-10-2020							

NOTE: The following inspection sneets are divided into seven columns. The inspector will place a check in the column which best describes the condition of the item being inspected. For those items that cannot be inspected for any reason, the inspector will make an appropriate annotation in the remarks column.

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be included if unserviceable.
I. Outside of Vehicle (Forward and Port)								
<ol> <li>Hull Forward End. Check for damage and bare metal.</li> </ol>	X							
2. Towing Eyes. (Para. 8-33)								
a. Port.	X							
b. Starboard.	X							
3. Headlights. (Para. 11-32)								
a. Port.					X			Three Wiring burnoss plu
b. Starboard.	X							INCIDA ISAM
c. Headlight Guards.	X							
4. Bow Plane. (Para. 10-14)								
a. Hinges and Mounting Hardware. (Para. 10-17)	X							

Table E-1. AAV7A1 Limited Technical Inspection — Continued

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be included if unserviceable.
b. Bow Plane. (Para. 10-17)	X							missing paint in avecus
c. Hydraulic Tubes and Fittings. (Para. 10-16)	7							
d. Pivot Actuator. (Para. 10-18)	X							
5. Hull Port Side. Check for damage and bare metal.								
a. Armor Piercing Protection Plates Kit (APK). (Para. 17-26 <u>a</u> )	X							
b. Steps. (Para. <u>17-29</u> )	Х							
c. Slope Rack Kit (SRK). (Para. 8-49)						X		Ruch bent/broke
d. Stowage Provisions. (Para. 17-37)	Х							
e. Fairings. (Para. <u>17-28</u> )	X							
f. Standoff Brackets. (Para. <u>17-27</u> )	Х	Х						missing 12 bults Couman to struct
g. Hull Bosses. (Para. <u>17-36</u> )	Х							
6. Port Track Shroud. Check for loose mounting hardware and damage. (Para. 17-28)								missing 6 out of 12 bolts
7. Port Final Drive. (Para. 7-18)								
a. Outer Housing.	X							
b. Bolts.	X		<u>                                     </u>					
8. Port Sprocket Carrier. Check for loose mounting hardware and damage. (Para. 7-16)	į							
9. Port Sprockets. (Para. 7-16)								
a. Inner.	X							
b. Outer.	χ							<u> </u>
10. Port Track. (Para. 7-7) Use track wear gauge to measure wear. Mark each unserviceable track shoe.								inner pads 50 70 missing
a. Track Shoes.						7		
b. Track Pads.						X		
c. Track Pins.	X							
d. Track Wear.						γ		
e. Track Adjustment.				X,				

Table E-1. AAV7A1 Limited Technical Inspection — Continued

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be included if unserviceable.
<ol> <li>Port Road Wheels and Hubs. (Para. 7-12)</li> <li>Circle those numbers that are unserviceable.</li> </ol>								
a. Road Wheel Cracks/Damage. 1 2 3(4)5 6	X							# 4 cutside wheel chunking
b. Road Wheel Wear Rings. 1 2 3 4 5 6								NA
c. Hub Oil Leaks. 1 2 3 4 5 6	X							
d. Hub Oil Level. 1 2 3 4 5 6	X							
e. Mounting Hardware. 1 2 3 4 5 6	χ							
12. Port Support Arms. (Para. 7-13)								
Circle those numbers that are unserviceable. 1 2 3 4 5 6	X							
13, Port Torsion Bars. (Para. 7-13)								
Circle those numbers that are unserviceable. a. Torsion Bars. 1 2 3 4 5 6	X							
b. Retaining Screws. 1 2 3 4 5 6	X							
14. Port Shock Absorbers. (Para. 7-11)								
a. No. 1 Shock.		Х						
b. No. 2 Shock.		X						
c. No. 3 Shock.		X						
d. No. 4 Shock.	X							,
e. Mounting Hardware.		X						on #1,23 shock
15. Port Front Single Support Roller. (Para. 7-14)								,
a. Support Wheel Cracks/Damage.	Х							
b. Hub Oil Leaks.	Y.							
c. Hub Oil Level.			Χ		X	<u> </u>		contaminated
d. Mounting Hardware.	X							

Table E-1. AAV7A1 Limited Technical Inspection — Continued

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be included if unserviceable.
16. Port Dual Support Roller. (Para. 7-15)								
a. Support Wheel Cracks/Damage.	X							
b. Hub Oil Leaks.	γ.							
c. Hub Oil Level.	X							
d. Mounting Hardware.	χ							
17. Port Rear Single Support Roller. (Para. 7-14)								
a. Support Wheel Cracks/Damage.	X	·				·		
b. Hub Oil Leaks.	X.							
c. Hub Oil Level.	X					·		
d. Mounting Hardware.	γ,							
18. Port Slap Guard. (Para. 7-10)								
Check for wear and loose mounting hardware.	X							
19. Port Idler Wheel and Hub. (Para. 7-9)								
a. Idler.	χ							
b. Outer Wheel.	X							
c. Inner Wheel.	Y.							
d. Mounting Hardware.	χ							
e. Oil Level.	Ĺ		Х		¥			oil contemirated
20. Port Track Tension Adjuster. (Para. 7-8)								
a. Track Adjuster Support.	18							
b. Track Adjuster.	X							
c. Bleeder Valve.	X							
d. Grease Fitting.	X							
21. Port Anode. (Para. 8-54) Check for tightness of mounting screw. Make sure there is no paint on anode.	χ							·
22. Port Midships Bearing. (Para. 9-18) Check for signs of leaks.	X							
23. Drive Shaft. (Para. 9-17) Check for signs of damage.	X							
24. Footman Loop. (Para. 8-50) Check for weld cracks.	K							

Table E-1. AAV7A1 Limited Technical Inspection — Continued

<u> </u>								
NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be included if unserviceable.
25. Port Handrails. (Table 3-1) Check for weld cracks.	X							
26. Port Cargo Hatch Supports. (Para. 8-26)	χ							
a. Forward Support.	Х							
b. Aft Support.	χ,							
27. Fuel Tank Pressure Relief Valve (Para. 12-18) and Outlet Cover (Para. 12-12). Check cover and mounting screws for damage. Check relief opens.	χ							
28. Check fuel filter cap. (Para. 12-9)						X		rusted
<ol> <li>Stowage Brackets. Check for weld cracks.</li> </ol>	χ							
30. Bilge Pump Outlets.								
a. Hydraulic Pump Outlet. (Para. 8-47)	Χ							oil residue on inside of cover
b. Electric Pump Outlet. (Para. 8-46)	χ							Oil residue on inside
31. Personnel Heater Exhaust Outlet. (Para. 14-14)	K							
a. Outlet Cap.	X							
b. Outlet Adapter.	χ,							
32. Exterior Fire Extinguisher Pull Handle. (Para. 15-13)								
a. Handle.	X							
b. Wire Seal.						X		broken
33, External Fuel Tank Drain. Check plug for tightness and leaks. (Para. <u>12-18</u> )	X							
<ol> <li>Port Deflector. (Para. 9-21) Check for warping and cracks. Check mounting hardware for tightness and damage.</li> </ol>	Х							
35. Port Reverse Flow Duct. Check for damage and tight mounting hardware. (Para. 9-20)	X					,		
36. Port Propulsion Unit. (Para. 9-20) Check unit for damage and mounting hardware for tightness. Rotate drive shaft to check for free movement of impeller.					Х			Can not rotate

Table E-1. AAV7A1 Limited Technical Inspection — Continued

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be included if unserviceable.
II. Outside of Vehicle (Aft and Starboard)								
1. Taillights.								
a. Port Taillight. (Para. 11-53)	X							
b. Starboard Taillight. (Para. 11-59)	<b>6</b> 7	THE			X	X		hens Broke
c. Taillight Guards.	Х							
<ol> <li>Horn. (Para. 11-54) Check for loose mounting hardware, corrosion, and proper electrical connections.</li> </ol>	Х							
<ol> <li>Tow Cable Stowage Brackets. (Para. 8-27) Check for cracked or bent brackets.</li> </ol>	Χ							
<ol> <li>Towing Pintle. (Para. 8-41) Check for loose mounting hardware. Check pintle for free rotation and proper quick-release operation.</li> </ol>	χ				•			
5. Ramp Plugs. (Para. 8-27) Check for tightness.	Χ							
<ol> <li>Ramp Hinges and Towing Eyes. (Para. 8-27) Check mounting hardware for tightness.</li> </ol>	Χ							,
7. Vision Block and Guard. (Para. 8-30)								
a. Vision Block Guard.	X						-	
b. Vision Block.	Х							
8. Personnel Hatch. (Para. 8-31)								
<ul> <li>a. Personnel Hatch Handle (inner and outer).</li> </ul>					X	Х		hundle thru hole house hundle needs asj.
b. Personnel Hatch Seal.	Х							
c. Hook and Damper.	<b>%</b>							
d. Mounting Hardware.	X							
<ol> <li>Starboard Deflector. Check for warping and cracks. Check mounting hardware for tightness and damage. (Para. 9-20)</li> </ol>								
10. Trailer Receptacle.								
a. Cover.	X							
b. Retainer Chain.	X							
11. Starboard Reverse Flow Duct. Check for damage and tight mounting hardware. (Para. 9-20)			X					upper holy boose.

Table E-1. AAV7A1 Limited Technical Inspection — Continued

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be included if unserviceable.
12. Starboard Propulsion Unit. Check unit for damage and mounting hardware for tightness. Rotate drive shaft to check for free movement of impeller. (Para. 9-20)	X							
<ol><li>Drive Shaft. Check for signs of damage.</li></ol>	Х							
14. Footman Loop. Check for weld cracks.	Х							,
15. Starboard Idler Wheel and Hub. (Para. 7-9)								
a. Idler.	X							
b. Outer Wheel.	χ							
c. Inner Wheel.	K						:	
d. Mounting Hardware.	X							
e. Oil Level.	X							
16. Starboard Track Tension Adjuster. (Para. 7-8)								
a. Track Adjuster Support.	X							
b. Track Adjuster.	χ							
c. Bleeder Valve.	X							
d. Grease Fitting.	χ							
17. Starboard Anode. Check for tightness of mounting screw. Make sure there is no paint on anode. (Para. 8-54)	X			:	- Company of the Comp			
18. Starboard Midships Bearing. Check for signs of leaks. (Para. 9-18)	×							
19. Starboard Road Wheels and Hubs. Check those numbers which are unserviceable. (Para. 7-12)	Х							
a. Road Wheel Cracks/Damage. 1 2 3 4 5 6	X						·	
b. Road Wheel Wear Rings. 1 2 3 4 5 6								NA
c. Hub Oil Leaks. 1 2 3 4 5 6	X							
d. Hub Oil Level.	X			_		<u> </u>		
e. Mounting Hardware. 1 2 3 4 5 6	χ							

Table E-1. AAV7A1 Limited Technical Inspection — Continued

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be included if unserviceable.
20. Starboard Support Arms. Circle those numbers that are unserviceable.								·
123456	χ				j			
<ol> <li>Starboard Torsion Bars. Check for broken bar and loose retaining screws. Circle those numbers that are unserviceable.</li> </ol>								
123456	X							
22. Starboard Shock Absorbers. (Para. 7-11)								
a. No. 1 Shock.	χ							
b. No. 2 Shock.	Ϊ <u>λ</u>							
c. No. 3 Shock,	γ.							
d. No. 4 Shock.	X							
e. Mounting Hardware.	K							
23. Starboard Front Single Support Roller. (Para. 7-14)								
a. Support Wheel Cracks/Damage.	Х							
b. Hub Oil Leaks.	K	,						
c. Hub Oil Level.	X.							
d. Mounting Hardware.	),							
24. Starboard Dual Support Roller. (Para. 7-15)								
a. Support Wheel Cracks/Damage.	X							
b. Hub Oil Leaks.	ľ							
c. Hub Oil Level.	X							
d. Mounting Hardware.	X							
25. Starboard Rear Single Support Roller. (Para. 7-14)								
a. Support Wheel Cracks/Damage.	义							
b. Hub Oil Leaks.								
c. Hub Oil Level.	义							
d. Mounting Hardware.	ΊX							

Table E-1. AAV7A1 Limited Technical Inspection — Continued

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be included if unserviceable.
26. Starboard Slap Guard. Check for wear and loose mounting hardware. (Para. 7-10)	X							
27. Starboard Track. Use track wear gauge to measure wear. Mark each unserviceable track shoe. (Para. 7-7)								replace tracks
a. Track Shoes.						X		
b. Track Pads.	<u> </u>					<i>Y</i>		
c. Track Pins.						χ		
d. Track Wear.						.>2		
e. Track Adjustment.				×				
28. Starboard Sprocket Rings. (Para. 7-16)						-		
a. Inner.	X							
b. Outer.	γ.							
29. Starboard Sprocket Carrier. Check for loose mounting hardware and damage. (Para. 7-16)								,
30. Starboard Final Drive. (Para. 7-18)								
a. Outer Housing.					X			oil beating out of outpy
b. Bolts.	X							
31. Starboard Side Pontoon. Remove drain plug and check for water. (Para. 8-44)					X			12" × 12" Square Section micsing Eveno pontown
32. Starboard Track Shroud. Check for loose mounting hardware and damage. (Para. 8-34)					X			Tweet of 12 bolts missing &
33, Starboard Bilge Pump Outlets. (Para. 8-46)							j	7
a. Hydraulic Pump Outlet.					X			pryou inside at cover
b. Electric Pump Outlet.	X							pryon inside of cover
34. Stowage Brackets. Check for weld cracks.	X							,
35. Heater Exhaust Outlet. Check for loose mounting hardware and damage.	χ							
36. Starboard Cargo Hatch Supports. (Para. 8-26)	X							

Table E-1. AAV7A1 Limited Technical Inspection — Continued

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be included if unserviceable.
a. Forward Support.	Х							
b. Aft Support.	K							
c. Hand Rails.	λ							
37. Footman Loop. Check for weld cracks. (Para. 8-50)	χ							
38. Starboard Side Hull. Check for damaged and bare metal.	γ							h /4 & Bent
a. Armor Piercing Protection Plates Kit (APK). (Para. 17-26 <u>a</u> )					χ			near plate missing bolt + Bent. missing numerous mountains bolts
b. Steps. (Para. <u>17-29</u> )	$\chi$							<u> </u>
c. Slope Rack Kit (SRK). (Para. 8-49)	χ							
d. Stowage Provisions. (Para. 17-37)	χ							
e. Fairings. (Para. <u>17-28</u> )					χ			Front + Recer missing bolts
f. Standoff Brackets. (Para. <u>17-27</u> )	χ							
g. Hull Bosses. (Para. 17-36)	Х							
III. Bottom of Vehicle								at the last
Hull. Check bottom of vehicle for damage.					X			#2,7,4,5 Storb Support Plates chacked #2 port support Plate crucked
<ol><li>Drain Plugs. Check for missing, tight, or damaged plugs.</li></ol>					ľ			
a. Hull. (Para. 8-42)	X							
b. Ramp. (Para. 8-27)	X							
c. Contact Cooler. (Para. 8-43)	<u> </u>							
IV. Outside of Vehicle (Topside)								·
<ol> <li>Hand Rail (forward). Check for weld cracks or other damage.</li> </ol>	X							
2. Mooring Cleats/Lifting Fixtures. Check for damage. (Para. 8-34)								
a. Forward (port and starboard).	14							<u> </u>
b. Aft (port and starboard).	X							

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Table E-1. AAV7A1 Limited Technical Inspection — Continued

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be included if unserviceable.
3: Intake Grille.								
NOTE								
Make sure intake grille is secured properly in raised position. (Para. 8-13)								
a. Screen.	K		·			·		, , , , , , , , , , , , , , , , , , ,
b. Brace Rod.	X							Carred K
c. Cam Lock Handles/Stop Screws.	,				X	Χ		Btv & side myssins Stof Sevents
d. Torsion Bar Assembly. (Para. 8-17)	χ							
e. Mounting Hardware.	X							
f. Seal.	Х							
4. Ventilator-Aspirator. Check that valve works properly and inlet screen is clean and not damaged. (Para. 8-18)			X					Sticking / frozen
5. Radiator Cover and Cap. Check ballistic cover for damage and radiator cap for proper sealing. (Para. 8-19)	X							
6. Center Plate. Check sealing surface for tight fit and retaining screws for tightness.					X			1 bult not tighteened
7. Exhaust Grille. (Para. 8-14)								
NOTE								
Make sure that exhaust grille is secured properly in raised position.		,						
a. Screen.	X							
b. Seal.	鱫							did not check
c. Brace Rod.								not installed inside vehicle
d. Lugs (Dogs).	X							,
e. Mounting Hardware.	X							
8. Plenum Indicators. (Para. 8-16)								
a. Intake.					Х	K		bent
b. Exhaust.	K							
Searchlight Mount and Receptacle. Check for damage.		Λ,						mussing cap & cheen
10. Driver's Hatch. (Para. 8-21)								·

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Table E-1. AAV7A1 Limited Technical Inspection — Continued

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be included if unserviceable.
a. Cover and Hinges.	X.							
b. Torsion Bar.	χ							
c. Latches (open and closed).				X				Hutch popl open when closed
d. Seals and Pads.						እ		
e. Vision Blocks.	χ							
f. DVE Adapter Assembly.		Χ						Missing hatch plug for 10012
11. Periscope and Support. Check periscope for breaks and chips and support for damage. (Para. 8-24)								
12. Commander's Hatch. (Para. 8-23)								
a. Cover and Hinges.	χ							
b. Torsion Bar.	Х							
c. Latches (open and closed).				Х				
d. Seals and Pads.						X		Hutchring pad needs peplaced
e. Vision Blocks.	χ							
13. External Exhaust system. Check the external muffler, muffler guard, for damage and operation. (TM 07007/07267/07268-25/2)	•							
a. Muffler.	X							
b. Guard,					χ	X		dancesed
c. Pipes/Clamp.	X							
14. Ventilation Exhaust Outlet. Check ballistic cover for damage and tight retaining screws. Check screen for damage.	χ́							
15. Overhead Protection Kit (OPK).								
a. OPK Tiles.	X					*		missing bolts
b. Torsion Bar Assist Mechanism (TBAM) Cover.	χ							
c. TBAM.	X							Mana -
d. Bosses.	X							
16. Cargo Hatches.								
a. Covers and Hinges.	X							
b. Torsion Bar.	X							

\*54.4 • - <del>}</del> -

Table E-1. AAV7A1 Limited Technical Inspection — Continued

								·
NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be included if unserviceable.
c. Latches (open and closed).	X	44						,
d. Seals.						χ		Strb Seal
17. Antenna Mounts.						À		
a. Receiving Mount.	X							-
b. Port Sending Mount.	X							***************************************
c. Starboard Sending Mount.	X.				\$ <del>************************************</del>			
d. PLRS Antenna Mount.	λ.							
e. DACT Antenna Mount.	X							
<ol> <li>Sea Tow Quick-Release. Check assembly for damage and proper operation.</li> </ol>				χ	K			handhe Bent
V. Engine Compartment (Forward)								
Forward Bulkhead, Bow Pod Access Cover, and Bow Pod.								Houses of MRES stered in Bow, Access cover bolts are missing.
NOTE		-			.,			cour bolts are missing.
Make sure intake grille is properly secured in raised position.					X			
a. Bow Plane Velocity Fuse Valves.	X							
b. Bow Pod Access Cover.	X							
c. TACNAV Sensor.	X							
Intake Plenum Actuating Cylinder.								
a. Cylinder.	X							
b. Hydraulic Hoses.	7							
<ol><li>Cam Roller Lock. Check condition of each latch roller.</li></ol>	Х							
4. Cooling Fan:								No mountaine not
a. Guard.	χ			,				
b. Shroud.	X							
c. Fan.	χ							
d. Bearings.	X							-
e. Belt Adjustment.	X							
f. Seals.				X				For sent not seating to plate
g. Fan Cartridge Bearing.	Ŋ							

80 %. 10 %. 10 %.

Table E-1. AAV7A1 Limited Technical Inspection — Continued

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be included if unserviceable.
h. Drain Tube.	X							
5. Surge Tank.	1			1				
a. Tank.	X							
b. Valve.	Х							
c. Hose and Tubes.	χ							
d. Mounting Hardware.	X							
6. Crew Ventilation.								
a. Ducts, Clamps, and Hoses.	χ							,
b. Drain Tube.	X							,
7. Control Linkages.								
a. Brake Linkage.	k							
b. Steering Linkage.	X							**************************************
c. Throttle Linkage.	X							HAM.
d. Brake Flood Control Valve Linkage.								
NOTE								
Make sure flood valve spindle moves freely.	X							
e. Engine Compartment Exhaust Fan Linkage.	X							
8. Transmission Mounts. Check mounts for loose mounting hardware. Check transmission guide and guide rollers for damage.	×							•
9. Electrical Wiring and Connections.								
a. Bulk Head Connectors.	X							
b. Power Plant Wiring.	X							
c. Crew Vent Fan.	X							
d. Electrical Bilge Pump.	X							
10. Hydrostatic Steering Disconnect Lever. Check lever for correct operation, damage, and wear. Check for leaks.	X							
11. Port Final Drive.								
a. Oil/Oil Level.			<b>\</b>					oil contamine

Table E-1. AAV7A1 Limited Technical Inspection — Continued

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be included if unserviceable.
b. Oil Leaks/Seals.	·χ.							
c. Mounting Hardware.	文						*************	
d. Speedometer Adapter/Cable.	X							
12. Port U-Joint. Check for wear, tight screws, and proper safety wiring.	χ							
13. Port Hydraulic Bilge Pump. Check for oil leaks, loose mounting hardware, damaged screen, and debris.	X							
<ol> <li>Bilge Pump Bypass Valve. Check for oil leaks, loose mounting hardware, and damaged electrical connections.</li> </ol>	χ							
<ol> <li>Plenum Solenoid Valve. Check for oil leaks, loose mounting hardware, and damaged electrical connection.</li> </ol>	X			-				
<ol> <li>Bow Plane Hydraulic tubes. Hoses and Fittings. Check for leaks, loose fittings and loose mounting hardware.</li> </ol>	χ							
17. Fuel Manifold. Check for fuel leaks and loose mounting hardware.	χ							
<ol> <li>Forward Engine Compartment Fire Extinguisher Discharge Nozzle. Check for damage and debris.</li> </ol>	χ							
<ol> <li>Port Lateral Drive Shaft. Check shaft for damage and coupling for tight mounting screws and proper lock wire.</li> </ol>	X							
<ol> <li>Port right-angle drive. Check oil level.</li> <li>Check mounting hardware for looseness.</li> <li>Check for signs of leaks.</li> </ol>	λ					·		
21. Starboard Final Drive.								
a. Oil/Oil Level.		Х						al conteminated.
b. Oil Leaks/Seals.				Χ				output shoft sent lecking
c. Mounting Hardware.	X							
<ol><li>Starboard U-Joint. Check for wear, tight screws, and proper safety wiring.</li></ol>	Х							
<ol> <li>Starboard Lateral Drive Shaft. Check shaft for damage and coupling for tight mounting screws and proper lock wire.</li> </ol>	X				X			Missing Lock wine or bolts

Table E-1. AAV7A1 Limited Technical Inspection — Continued

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	included if unserviceable.
24. Starboard Electrical Bilge Pump. Check screen for debris and damage. Check mounting hardware for tightness.					X	*****		mounting mount clear p hoose missing clarp for tube hold down.
<ol> <li>Precleaner. Check cleaner for damage, loose mounting hardware, and loose clamps. Check screen for damage and debris.</li> </ol>					X			mussing clamp for tube hold down.
<ol><li>Crew Ventilation Fan. Check mounting hardware for looseness. Check ducts and clamps for damage and tightness.</li></ol>	×	el u l						
<ol> <li>Starboard right-angle drive. Check oil level. Check mounting hardware for looseness. Check for signs of leaks.</li> </ol>	0	ui 1			X			oil contaminated
28. Starboard Right-Angle Drive Shaft. Check condition of shaft coupling for damage. Check coupling bolts for tightness and proper lock wire.	X				·			
<ol> <li>Fan Drive Shaft. Check shaft and coupling for damage or wear. Check lock wire for damage.</li> </ol>	χ							
30. Fuel Filter.								
a. Fuel Leaks.	X							
b. Drain Cock/Contamination.	X							
c. Electrical Leads/Transducer.	Y.							
d. Mounting Hardware/Air Valve.	X							
31. Power Takeoff Unit.								
a. Oil Leaks.			X					oil all over Power Phant
b. Mounting Hardware.				X				double nutted on mountains studs
c. Electrical leads/Connections.	X							
32. Starter. Check that starter is mounted properly. Check electrical leads and connections for damage and proper connections.	K							
33. Transmission Oil Cooler. Check for oil and water leaks. Check electrical leads and connections for damage. Check oil lines, hoses, and clamps for tightness.	*							
34. Exhaust Manifold (starboard side). Check for cracks, holes, and corrosion. Check mounting hardware for tightness.	X							

Table E-1. AAV7A1 Limited Technical Inspection — Continued

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be included if unserviceable.
35. Transmission. Check for overall cleanliness and damage.							••••	
a. Leaks.			X					oil all over power plant
b. Torque converter to engine mounting screw for tightness.	χ			:				•
c. Range selector valve for leaks and lock wire.	χ							
d. Oil Leaks.			X					oil all over pour plant
e. Left and right brake and steer sections for leaks and loose mounting bolts.	χ						,	, ,
f. Check brakes for proper adjustment.	X							
g. Check transmission drain line for leaks, damage, and loose drain plug.				X				drainplus was Loose
VI. Engine Compartment (Aft)								
Exhaust Plenum. Check actuating cylinder and oil lines for leaks. Check condition of plenum seal.								Plenum not lifted
<ol> <li>Components Bolted on to the Engine.</li> <li>Check for tight mounting hardware, proper electrical connections, damaged hoses and electrical leads, and leaks.</li> </ol>								<b>"</b>
a. Turbocharger.	Х							
b. PT Pump.	Y.							
c. Exhaust Manifold (Port Side).	γ,							
d. Engine Oil Cooler.	χ					<u> </u>		and the second of the second o
e. Engine Oil Filter.	X							
f. Intake Manifold.	K			ļ				
g. Smoke Generation Components.	<u>}</u>							
h. Cold-Start Components.	X.		<u> </u>					
i. Crankcase Breathers.	χ.					<u> </u>	ļ	
3. Transmission Oil Filter.	χ.						ļ	
a. Mounting Hardware.	X		<u> </u>		<u> </u>			
b. Leaks.	X	<u> </u>						
c. Check Electrical Connections.	<u> </u>							

Table E-1. AAV7A1 Limited Technical Inspection — Continued

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be included if unserviceable.
Engine Oil Level, Check for correct level and signs of contamination. Check dipstick for damage.					χ			Engine full of water no oil noted on brystie
<ol><li>Transmission Oil Level. Check for correct level and signs of contamination. Check fill tube and dipstick for damage.</li></ol>					χ			no oil noted on Buystue
<ol><li>Tachometer Drive Shaft. Check for adapter and cable damage.</li></ol>	χ							
<ol> <li>Radiator. Check for radiator damage.</li> <li>Check for water leaks on radiator and coolant tubes.</li> </ol>	X							
Exhaust System. Check condition of insulation. Check for loose mounting hardware and damaged scavenging system check valve and for leaks.	X							
<ol> <li>Engine Compartment Exhaust Duct. Check for cracks or other damage. Check mounting hardware and clamps for tightness. Check tubes for proper mounting.</li> </ol>	χ							
<ol> <li>Engine. Check overall condition of engine for cleanliness and fuel, coolant, and oil leaks.</li> </ol>					χ			
11. Generator.								
a. Bracket and Hardware.	X							
b. Pulley and Belt.	K							
c. Adjustment.	X	·						
d. Voltage Regulator	X.							
12. Water Pump. Check for leaks.								
a. Pump.	Х							
b. Hoses and Tubes.	λ							
c. Belt and Adjustment.				X				belt Loxe
13. Fire Extinguisher Discharge Nozzle. Check for damage, debris, and condition of lock wire.	X							
14. Engine Oil Heat Exchanger. Check mounting hardware for tightness. Check for oil leaks. Check electrical leads for damage and tight connections.	X							

N.

Table E-1. AAV7A1 Limited Technical Inspection — Continued

		•						
NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be included if unserviceable.
<ol> <li>Cold-Start Disconnect Lever. Check for proper operation, damage, and corrosion.</li> </ol>	γ							
16. Hydraulic Reservoir.								
a. Oil Leaks.	X							
b. Mounting Hardware.	X							
c. Oil Level.	Х							
d. Dipstick for damage.	X							
VII. Troop Compartment								101 + 1
NOTE  Before inspecting troop compartment, open cargo hatches. Sound horn and lower ramp.								did not do valuede had no power to vaise vamp
Engine Compartment Access Covers (aft). Check all thumbscrews and clamps for damage and operation. Check covers for correct mating and damage.								
a. Aft Upper.					X			Bent
b. Aft Center.	X							
c. Aft Lower.	X							
d. Port Upper.	X.	·						
e. Port Lower.	V.							·
f. Smoke Generation.	Y/							
<ol> <li>Smoke Generation Fuel Control Valve. Check to see if valve operates freely. Check for any damaged components and leaks.</li> </ol>	Х							
3. Engine Compartment Fire Extinguisher.								
a. Bottle and Tag.	X	X						No Tuy on bottle
b. Control Valve.	λ							
c. Clamps.	χ							
Troop Ventilation Outlets. Check for free movement and damaged louvers.	X							
<ol><li>Coolant Bypass Tube. Check to see if tube is mounted properly in retaining brackets.</li></ol>	χ							

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Table E-1. AAV7A1 Limited Technical Inspection — Continued

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be included if unserviceable.
6. Air Cleaner Compartment.								
a. Access Door.	X							
b. Retaining Brackets.					X			missing year votaining Hardwar
c. Element.						Х		·
d. Compartment.			X.					Needs to be cleaned
<ol> <li>Right-Angle Drive Access Cover. Rotate weapon station to gain access to cover. Check cover for proper mating and damage.</li> </ol>	χ							
<ol> <li>Starboard Longitudinal Shaft Cover.</li> <li>Check for damage. Check for loose mounting hardware.</li> </ol>	χ.			٠				
<ol> <li>Starboard Longitudinal Shaft. Check shaft for damage and coupling for tight mounting screws and proper lock wire.</li> </ol>	χ.							
<ol> <li>Fuel Tank Drains. Check both valves for proper operation. Check fuel lines and fittings for leaks. Check manual shutoff valves to make sure the handle rotates freely.</li> </ol>	X							
a. Internal Fuel Tank Drain.	X							
b. External Fuel Tank Drain.	X							
c. Fuel Lines and Fittings.	X							
d. Manual Shutoff Valve.	χ.							
11, Fuel Tank.								FWD return Line Louse.
a. Electrical Leads.	X							
b. Leaks.	X							
c. Retaining Straps.	X							
d. Breather Cap.	X							
12. Troop Seats.								
a. Hinges.					χ			
b. Supports.	x							
c. Seat Pans.	X							
d. Cushions.					,	χ		
e. Safety Belts/Straps.	<b>"</b> %	^						
f. Adjusting Rods.	Ϋ́,							

Table E-1. AAV7A1 Limited Technical Inspection — Continued

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be included if unserviceable.
13. Interior Stowage.								
a. MG Cleaning Rod Bracket.	χ							
b. Rifle Brackets.	X							
c. Water Can Supports,	X							
d. Seat Stowage Supports.					X			Support Taylos need welding
e. DVE Container.	χ							
f. Portable Fire Extinguisher Bracket.	χ							
g. Pamphlet Stowage Rack.	,		Χ					full of water
h. Ammo Box Bracket.	χ							
i. Hand Oiler Bracket.	Y.							
j. Tool Box Stowage Support.	X							
14. Power Distribution Box. Check to see if box is securely mounted. Check all electrical connections for tightness. Check cover for tight screws. Check slave output power switch for damage.			7					cover vos removados intural components were highly correded.
15. Batteries.								
a. Battery Box Cover.	X							
b. Hold-Downs.	X						·	
c. Cables and Terminals.	X							
d. Battery and Terminal Posts.			X					
e, Battery Box Drains.	χ							
f. Battery Instruction Plate.	χ							
16. Radio Guards. Check guards for damage and loose or missing mounting hardware.	χ							
17. Deflector Actuator Guards. Check guards for debris and damage. Check mounting hardware for tightness.			<b>®</b>		Х			missing uncurtaing
a. Port	χ							
b. Starboard.	X							
18. Water Steer System Components.								-
a. Water-Jet Deflector Position Sensing Module (port and starboard).				χ				Strb module house.

Table E-1. AAV7A1 Limited Technical Inspection — Continued

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be included if unserviceable.
<ul> <li>b. Water-Jet Deflector Servo Module (port and starboard).</li> </ul>	X	······································						
<ul> <li>c. Water-Jet Deflector Solenoid Module (port and starboard).</li> </ul>					K	X		histly convoded
d. Actuator Cylinders Port and Starboard	χ							
e. Actuator Bracket Port and Starboard.	X							
19. AFSSS Electrical Components.								
a. Sensors/Control Box.			X					near senson unhoused
b. Cables.	χ							
c. Test AFSSS using the test set (Item 4, Table 11-1) (Para. 11-70)								No vahirtie Vouce
20. Dome Lights. Check mounting hardware for tightness. Check for broken or cracked lens and knobs. With master switch ON, check lights for proper operation.		ĭ			×			To dome light Len's Broke No vibide Power to Test.
21. Aft Slave Receptacle. Check cover and chain for damage. Check insert for corrosion and damage. Check electrical lead for damage and loose connections. Check mounting hardware for tightness.					Х			mussing I mounting bolt
22. Troop Ventilation Outlets, Check for free movement and damaged louvers.	Х							
23. Ramp Lock Linkage. Check to see that linkage does not bind. Check for bent or warped linkage rods.				X				Luckis undone, dos still latched
24. Ramp. With ramp lowered, check ramp seal for breaks and spongy condition.			·					NA inside nump, strb side could not chuck at this
Ramp Seal. Check mating with hull in closed position.								could not check at this
b, Vision Block Cover.	X							
c. Skid Bars	Y							
d. Quick-Release (Visual Only).	X							
e. Tow Pintle Release.	X			-				
25. Deck Plates.								
a. Deck Plates (port and starboard).	X							

Table E-1. AAV7A1 Limited Technical Inspection — Continued

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be included if unserviceable.
b. Center Deck Plate.	X							
c. Contact Cooler Bleeder Valve Access Cover.	)							
<ul> <li>d. Bilge Pump Access Cover (port and starboard).</li> </ul>	X							
e. Tie-Down Rings.	χ							
NOTE								
Remove troop compartment deck plates before continuing.								
26. Contact Cooler. Check that bleeder valve is not frozen. Check for signs of leaks.	X							
27. Torsion Bars. Check torsion bars for damage.	Х							
28. Ramp Cylinder and Cable.	λ							
29. Hydraulic Bilge Pump.	X							
a. Bilge Pump.	χ							
b. Outlet Tube.	Y.							
30. Electric Bilge Pump.								
a. Electric Pump.	X							
b. Outlet Tube.	X							
<ol><li>31. Bilges. Check for cleanliness and obvious signs of damage.</li></ol>								
a. Brackets and Mounting Hardware.	X							
b. Discharge Tubs and Nozzles.	X					L		
32. Fire Extinguisher (17-lb).								
a. Mounting Hardware	Х							
b. Discharge Tub and Seal.	λ							
c. Tag Date.			X					no tay
d. Seal.	X							V
33. Personnel Heater.								
a. Mounts.	X							
b. Exhaust System and Cover.	X							
c. Electrical Wiring and Switches.	X							

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Table E-1. AAV7A1 Limited Technical Inspection — Continued

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be included if unserviceable.
d. Fuel System.	Х							
e. Heater Ducts.	X							
34. Port Longitudinal Shaft Cover. Check for damage. Check for loose mounting hardware.	χ							
35. Port Longitudinal Shaft. Check shaft for damage and coupling for tight mounting screws and proper lock wire.	*		-					
36. Radio Mounts.								
a. Check Mounting Hardware.	X							
b. Check Radio Mounts.	X							(A.)
c. Check Radio Cables.	V					,		
VIII. Driver's and Commander's Station								·
1. Access Covers.								
a. Hydrostatic Steer Disconnect Lever.	X							
b. Final Drive U-Joint.	*							
c. Hydraulic Reservoir.	X							
<ol><li>Flapper Valve. Check spring tension flapper. Check mounting screws for tightness and damage to flapper.</li></ol>					X			no spring tensua
<ol> <li>Fire Extinguisher (7-lb). Check mounting bracket and hardware for tightness. Check tag for date bottle was last weighed. Check wire seat on control head.</li> </ol>			*					no tag
a. Bracket and Mounting Hardware.	X			L		at. i		
b. Tag/Date.		X			1	Hit		
c. Wire Seal.						X		wire Broken
<ol> <li>Ramp Lock Handle. Check handle and lock for damage and proper operation.</li> </ol>				χ				not Locked
<ol><li>Ramp Control Valve. Check for damage, loose fittings, leaks, and loose mounting hardware.</li></ol>	X							
<ol><li>Fire Extinguisher Discharge Handle. Check handle for damage and unbroken wire seal.</li></ol>	X							

Table E-1. AAV7A1 Limited Technical Inspection — Continued

				· .				
NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be included if unserviceable.
7. Power Train Switch. Move lever and check for binding. Check bail for damage.								in on Position
Mode Selector Switch. Check for missing or damaged toggle switch.								in an Position
<ol><li>Handle Throttle. Move throttle and check for proper operation. Check linkage and cover for damage.</li></ol>								at Idle
<ol> <li>Gear Selector. Check console for loose mounting hardware for damage. Check movement of selector through all gear range.</li> </ol>								In 4th Gear
<ol> <li>Air Cleaner Restrictor Indicator. Check for proper mounting to bulkhead. Check indicator for damage.</li> </ol>						χ		
12. Auxiliary Instrument Panel. Check panel for loose mounting hardware. Check that gauges are securely mounted in panel, and that hose connections are tight.						X		gauges have water in them
13. Accelerator Pedal.			,					
a. Mounting Hardware/Brackets.	Х							·
b. Pedal and Pedal Stop Screw.	X							
c. Water Drive Switch.	X							
<ol> <li>Brake Pedal. Apply and release brakes to check binding.</li> </ol>	X							
<ol> <li>Parking Brake Handle. Check for proper operation. Make sure that parking brake holds and releases properly.</li> </ol>	Ж							
16. Steering Wheel. Check wheel for damage. Check operation of wheel tilt. Check for binding linkage. Check steering wheel sensing module for loose mounting hardware or damaged wiring.	χ							
a. Steering Wheel.	X							
b. Steering Wheel Sensing Module.	X							
17. Indicator Panel. Check mounting hardware and grommets for tightness and damage. Check for loose or damaged switches, lights, and buttons.	٠							-
a. Master Switch.	X							in the on position

Table E-1. AAV7A1 Limited Technical Inspection — Continued

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be included if unserviceable.
b. Lamp Test/Warning Cancel Switch.	χ							
c. Horn Button.	X							
d. Panel Lights Brt/Dim Switch.	χ							
e. Cold-Start Switch.	Χ							_
f. Starter Button.	γ,							-
g. Light Switch.	X							/
h. TACNAV Indicator.								W/A
i. Tachometer.						X		water inside Gauge
j. Speedometer.						У		u u u
k. Smoke Generation Indicator Light.	X							
I. Smoke Generation Switch.	Х							
m. Forward Electric Bilge Pump Switch.	Х							on position
n. Aft Electric Bilge Pump Switch.	χ							on position
o. Aft Electric Bilge Pump Indicator Light.	X							
<ul> <li>p. Forward Electric Bilge Pump Indicator Light.</li> </ul>	X							
q. Aft Hydraulic Bilge Pump Indicator Light.	χ							
r. Forward Hydraulic Bilge Pump Indicator Light.						X		
s. Ventilation Switch.	K							on position
18. Driver's Display Unit. Check for cracked glass and moisture. Check that unit is securely mounted in indicator panel.								
NOTE								
Bar scales and warning lights will be checked during the operational portion of preinduction.	X							
<ol> <li>Bow Plane Control Valve. Check for damage, loose fittings, leaks, and loose mounting hardware.</li> </ol>	χ							

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Table E-1. AAV7A1 Limited Technical Inspection — Continued

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be included if unserviceable.
<ol> <li>Vent Air Outlets. Check driver's and commander's outlets for breaks and cracks. Check to see if outlet rotates freely. Check mounting hardware for tightness.</li> </ol>	χ							
a. Driver's Outlet.	X							
b. Commander's Outlet.	X							
21. Vent Air Hoses, Tubes, and Duct. Check for loose clamps and mounting hardware. Check for damaged hoses, tubes, and duct.	χ		,					
<ol> <li>Bilge Outlet Tube. Check tube for damage, hoses for cracks, and clamps for tightness.</li> </ol>	1							
23. Instrument Distribution Box. Check that box is securely mounted, and that cover screws are tight. Check all wiring harness connectors for tightness.					¥			COULD UNISSING 2 Screws
24. Forward Slave Receptacle on Instrument Distribution Box. Check cover and chain for damage. Check receptacle for corrosion and damage.					X			cover & chain (Cpops)
25. Searchlight Switch, Check for damage and operation.	Х							
26. Ventilation Air Outlet Valve. Check for loose mounting hardware and damaged cable and handle with ball. Open and close outlet and check for binding linkage.	X		,					closed position
27. Data Plates. Check for damage.	X							
28. Manual Fuel Shutoff Handle. Check shaft for damage and grommets for wear. Rotate handle to check for free operation.					*			on position shutoble frozen
29. Driver's Seat. Check seat adjustments for proper operation. Check mounting hardware and brackets for damage and tightness. Check seat supports, pan, belt and cushions for damage.			χ			1		
30. Troop Commander's Seat. Check seat adjustments for proper operation. Check mounting hardware and brackets for damage and tightness. Check seat supports, pan, belt and cushions for damage.			X			HELL		

Table E-1. AAV7A1 Limited Technical Inspection — Continued

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be included if unserviceable.
31. Interior Decals and Instruction Plates. Check to see that they are readable.	Х					***************************************		
32. Fire Extinguishers (MFSS and AFSSS).								
NOTE								
At this time, all fire-suppression system bottles are to be pulled and weighed.								
a. Mounting Hardware.	X							
b. Discharge Tube and Seal.	χ							
c. Tag Date.		χ		·				
d. Seal.		·				X		bad seul on Rew MFSS hottle
33. Drive Shaft Guards. Check guards for damage and mounting hardware for tightness.	X					•		hottle
IX. Equipment Operation								
<ol> <li>Start vehicle, check operation of the following:</li> </ol>								could not start
a. Master Switch.								
b. Horn.								
c. Fuel Level Indicator.								
d. Battery Generator Indicator.								
e. Electric Bilge Pumps (Forward and Aft).								
f. Panel Lights (Brt/Dim).								
g. Display Panel Warning Lights.								
h. Vent Switch Low Position,						(1	b)(6),	(b)(7)(c) .
<ol> <li>Perform Diagnostic Test Equipment checks IAW TM 07007/07267/07268-25/1 (see worksheet at the end of this Appendix).</li> </ol>								<u> </u>
<ol> <li>Vehicle Stall Check. With brakes locked, and gear selector in 4th gear, accelerate fully and check the following:</li> </ol>								
a. Brakes.								
b. Transmission.								

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Table E-1.	AAV7A1	Limited	Technical	Inspection -	Continued
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NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be included if unserviceable.
c. Engine RPM.							***********	/
d. TACNAV Indicator. Check that system powers and display works.								
4. Lights. Check that lights work properly.								
a. Light Switch.								
b. Service Drive.								
c. Dimmer Switch.							7	
d. Blackout Markers.						$\overline{A}$		
e. Stop Light.								
f. Park.								
g. Searchlight.								
h. Interior Dome Lights.	Γ							
<ol><li>Driver's Viewer Enhancer that power system works.</li></ol>								
6. Lamp Test/Warning Canc Check audio signal with prophelmet.	h)(7)(c	./		.				
X. Functional Road Test	D)(1)(C	,						
Steering, Check operation								
2. Gear Ranges, Check for sthat lockup works properly.								
Smoke Generation. Check for correct operation.								
Brakes. Check to see if brakes pull to one side or the other.								
Speedometer. Check for correct operation.								
6. Noises. Check for any unusual noises.								
XI. Water Systems Test								
Plenums. Check that plenums close completely. Fan shuts off. (Para. 8-13)								
Check if hydraulic bilge pumps operation.	-							
Check if electric bilge pumps operate.								
4. Check that jet drive activates at 1000 to 1200 RPM.								

Table E-1. AAV7A1 Limited Technical Inspection — Continued

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	djust	tepair	(eplace	Modify	Remarks MUST be ncluded if unserviceable.
5. Bow Plane Operation.								
<ul> <li>a. Control Valve. Check for proper operation and leaks.</li> </ul>					(b)(6)	, (b)(ī	7)(c)	
<ul> <li>b. Bow Plane. Check that it fully extends and retracts.</li> </ul>		/						
c. Pivot Actuator. Check for leaks, unusual noise and smooth operation.								

#### NOTE

See TM 07007/07267/07268-25/1 for LTI of UGWS-Unique Items.

See TM 07267C-25/1 for LTI of AAVR7A1-Unique Items.

See TM 07268C-25/1 for LTI of AAVC7A1-Unique Items.

Table E-2. Diagnostic Test Equipment Worksheet

1. O	RGANIZATION			2, NOMENCLA	TURE				XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
3. R	EGISTRATION, SERIAL, NSN	4A. MI	LES	4B. HOURS	Consideration of the Constant	5. DATE	W 200 4 7 201 V 2	6. TYP	E TEST
7.	and the second s			APPLICABLE	E REFER	ENCES			
TM	NUMBER	TM DA	TE	TM NUMBER	AATTOTTATUA BAATTOOATTA	TM DATE		<u>, , , , , , , , , , , , , , , , , , , </u>	Q. M. S. Additional Section (Control of the Control
	RUCTIONS: ALL INSPECTIONS AS SNOSTIC PROCEDURES AND ST					ED ON THIS FO	ORM HAVE BE	EN DETI	ERMINED IAW
8A. S	SIGNATURE (PERSONS(S) PERF	ORMING	TEST)	8B, TIME		9A. SIGNATU SUPERVISOI		98. TIME	10. MAN- HOURS REQUIRED
				13. LIMITS					
	11. Test type	12. TEST NO	MIN	NORMAL	MAX	14. UNITS	15. TEST RESULTS	16.	CORRECTIVE
	ENGINE COOLANT TEMP (WARM ENGINE)	38	140	170-200	230	F			
	ENGINE RPM (IDLE) (HIGH IDLE)	10 10**	625 2950	650	675 3190	RPM RPM	encostalia casal considere la sine recent		
DCA3	AIR CLEANER P (2800 RPM)	*28	•	-	25	IN H-O			A Alle Commence of the Commenc
	STARTER FIRST PEAK CURRENT (CRANK ON GO)	72		900-1500		AM- PERES	·		
	(IDLE)	*35	10			PSI			
	ENGINE OIL PRESSURE (WARM ENGINE) (2800 RPM)	35	55	65	75	PSI			
	ENGINE OIL FILTER P (2400 RPM)	*36			24	PSI	:		

## TM 07007/07267/07268-25/1

Table E-2. Diagnostic Test Equipment Worksheet — Continued

			13, LIMITS					
11. TEST TYPE	12. TEST NO	MIN	NORMAL	MAX	14. UNITS	16. TEST RESULTS		CORRECTIVE ACTION
(ENGINE OFF) BATTERY VOLTAGE (FAST IDLE,	67	22			VOLTS			
ACCESSORIES ON)	67		25-29	31	VOLTS			
BATTERY RESISTANCE (CRANK ON TO GO)	73	PLPANE AND		13	MIL- LIOHMS			
ALTERNATOR (GENERATOR) VOLTAGE (FAST IDLE, ACCESSORIES ON)	82	26,7	27-29	29.4	VOLTS		Account	
STARTER CIRCUIT RESISTANCE (CRANK ON GO)	74	and Anna formation conservations and the second	3-22	25	MIL- LIOHMS	namen ja aparan ja aparan ja maan ja maa		
POWER TEST % FULL POWER	13**	80%			RPM	aannan maanada (Mahikitika da muunu		:
STARTER POSITIVE TERMINAL VOLTAGE (CRANKING)	68	17		VOLTS				
ENGINE OIL TEMP (FAST IDLE)	37	140	200-235	275	· <b>F</b>			
ALTERNATOR (GENERATOR) DIAGNOSTIC VOLTAGE (FAST IDLE, ACCESS ON)	83	ńot a	VAILABLE	VOLTS				
STARTER NEGATIVE CABLE DROP (CRANKING)	69			1.2	VOLTS			
ALTERNATOR (GENERATOR) NEGATIVE CABLE DROP (FAST IDLE)	84			0.5	VOLTS			hamburokumodu arii 1954 bi UEbb Ad MERde
BATTERY CURRENT (CRANKING)	80	CONTROL SEAL LATTER OF THE LATE AND ADDRESS.	350-550	11.00	AM- PERES			

Table E-2. Diagnostic Test Equipment Worksheet — Continued

	annen anne anne anne anne anne a			13. LIMITS			<u> </u>		- <del>г</del> удання составлення дання добуду за под
	11, TEST TYPE	12. TEST NO	MIN	NORMAL	MAX	14. UNITS	15. TEST RESULTS		CORRECTIVE ACTION
-	FUEL RAIL PRESSURE AND SPEED WITH POWER PLANT	*01	166-184			PSI	Parallel del Bare Salve (Collection Control Co		
	IN VEHICLE (STALL CHECK)	24	AT 23	10-2610	THE PERSON NAMED OF THE PE	RPM	2000 д ( е пускава очаствення поможен фициралура (дой	en e	Casalina di Santana da
	COMPRESSION UNBALANCE (CRANK WARM ENGINE ON GO)	14**			10	%	reliam mod en del historia del Carlo III de Carlo III de Ante		
	STARTER SOLENOID VOLTAGE (CRANKING)	70	17			VOLTS			
	TRANSMISSION OIL TEMP (FAST IDLE)	37	140	170-235	305	۴ .			ALEXANDER OF THE PROPERTY OF T
	TRANSMISSION OIL PRESSURE (2000 RPM)	*39	150	180-200	220	PSI			
DCA13	(IDLE)	*40		300-400		PSI	`		
	HYDRAULIC SYSTEM PRESSURE (1500-2800)	40		1800-2100		PSI			
	FUEL FILTER P (2800 RPM)	*42			4	PSI			
	TRANSMISSION OIL FILTER P (2800 RPM)	*44		and the second s	<b>1</b> 8	PSI	man an a		

VEHICLE READINESS TEST

<sup>\*</sup> REQUIRES OFFSET LIMIT TEST PER FIGURES 4-4 AND 4-5

<sup>\*\*</sup> TESTS CAN ALSO BE PERFORMED USING CONNECTOR DCA 13

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a a said a s			
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## TM 07007/07267/07268-25/1

Table E-2. Diagnostic Test Equipment Worksheet — Continued

17,	ORGANIZATION			18. NOMENCL	ATURE AND MODEL	
19.	TEST TYPE	20. TEST NO.	21. LIMITS	22, UNITS	23. TEST RESULTS	24. CORRECTIVE ACTION
	STARTER CIRCUIT	78	25 MAX	MILLIOHMS	BT1	
ß	RESISTANCE				ВТ2	om mind A Mid Mid 1 (CE 2 mil) (C
TESTS					ВТ3	
٦ خ					BT4	
BATTERY	BATTERY CURRENT	90	230-350	AMPERES	BT1	Market Ma
					<b>ӨТ</b> 2	The state of the s
SINGLE	·				втз	
S					BT4	40
	BATTERY	79	25/SEC MAX	MILLIOHMS	BT1	(1)
	RESISTANCE CHANGE				BT2	- 6 - Labort Handsonia and Constant Con
	GRIANGE				ВТ3	, , , , , , , , , , , , , , , , , , ,
					BT4	
	BATTERY	77	13 MAX	MILLIOHMS	BT1	
	RESISTANCE				вт2	The state of the s
					ВТЗ	AND THE RESIDENCE OF THE PARTY
					BT4	

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#### Table E-3. AAV7A1 Limited Technical Inspection

# ASSAULT AMPHIBIOUS VEHICLE (AAV7A1) UPGUNNED WEAPONS STATION (UGWS), AAVP7A1

LIMITED TECHNICAL INSP	PECTION
TAC No. 3-15-05 U.S.M.C. No. 523519	Miles 15 11.2 Hours 129.92
Date Inspected <u>&amp; 10 20 Inspector</u> FSR	(b)(6), (b)(7)(c)
· ·	Rank/Signature)

							т	
NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be included if unserviceable.
I. Basket Weldment								
Basket Weldment Clearance.								
Area around sides of basket weldment clear of obstructions.	X							
b. Area around 12-channel slip ring clear of obstructions.	X							
2. 12-Channel Slip Ring.								
a. Electrical connectors tight and in good condition.	Х							
<ul> <li>b. Upper portion of 12-channel slip ring rotates freely.</li> </ul>	X							
c. Manual and electrical weapons station operation.	X							
3. Power Relay Assembly.								
a. Box secure to bottom of basket.	Х							
b. Electrical connectors tight and in good condition.	٨							
4. Basket Inspection.								
a. Seat belt secure, latch working properly, belt in good condition.	χ							
b. Stowed items do not overhang basket.	χ							
<ul> <li>c. Seat in good condition, locks in all height positions, secure in basket assembly.</li> </ul>	٨							

Cross har arm bent. Upper Elevation mech mainting exelet. hooks to this arm. Elevation much disconnected at upper munit.

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Table E-3. AAV7A1 Limited Technical Inspection — Continued

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be included if unserviceable.
II. Weapons Station Interior								
Turret Power Control Assembly.								·
Box cover secure. Box secure to basket weldment.					X			Loose
<ul> <li>b. Electrical connector tight and in good condition.</li> </ul>	χ							
Weapon Control Assembly.								
Box cover secure. Box secure to basket weldment.	Х							
<ul> <li>b. Electrical connector tight and in good condition.</li> </ul>	χ							
Traverse Switch Assembly.								
a. Box cover secure to basket weldment.	K							
<ul> <li>b. Electrical connector tight and in good condition.</li> </ul>	Х							-
4. M36E-TSS Periscope.								Sight unswierable
<ul> <li>a. Mounting Screws. Check screws for security. Check sight is secure to turret weldment.</li> </ul>								
<ul> <li>b. Sight. Check for moisture in window and in mirror. Check condition of glass.</li> </ul>								
<ul> <li>c. Sight Eyepieces. Check for moisture, condition of reticles, condition of eye-piece pads, and proper operation.</li> </ul>							I	
d. Latch Assembly. Check that latch moves freely, and has spring tension.							(b)(6)	), (b)(7)(c)
e. Hanger Strap. Check for serviceability.						,	, , ,	
f. Head Assembly. Check nuts on head assembly for tightness.								
<ul> <li>g. Body Assembly. Check mounting hardware for security and that lock wire is present.</li> </ul>								
h. Boresight Knobs – Azimuth and Elevation. Check setting on both knobs and record. Turn each knob, check for smooth movement and shift of sight reticle. Reposition knobs to original settings.	/							

Table E-3. AAV7A1 Limited Technical Inspection — Continued

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be included if unserviceable.
<ul> <li>i. Sight Power Electrical Connectors.</li> <li>Check that electrical connectors are in good condition.</li> </ul>								Sight ungarrice
<li>j. Check for cracks, dents, burns and chipped paint on housing.</li>								
<ul> <li>k. Check that valve cap is tight and retaining strap is not broken or missing.</li> </ul>								
Check that both knobs on elbow assembly move freely from LO to HI position.								
<ul> <li>m. Check that lamp holder is tight and packing is installed.</li> </ul>				·				
<ul> <li>n. Check that plug or shutter switch is present. If missing, notify supervisor.</li> </ul>				(b)(	(3), (b	)(6),	(b)(7)	(c)
o. Check that all boresight knobs move freely, and scales can be easily read.				<u>.</u>				
<ul> <li>p. Check ID plate for damage and if it can be easily read. If plate cannot be read, notify supervisor.</li> </ul>				/				
<ul> <li>q. Check that shutter switch will not move to ON without pushing safety button first.</li> </ul>			/					
r. Check that valve cap strap is not damaged or missing.								
s. Check that all screws are tight on mounting hardware.								
<ol><li>Exhaust Blower. Check for corrosion and debris. Make sure electrical connectors are tight and in good shape. Check operation of blower door.</li></ol>	χ							
<ol> <li>.50 Caliber Ammo Ejection Chute. Check for condition and security. Ensure that chute is clear of debris.</li> </ol>								not us talked
<ul> <li>a. Check ejection-chute hose for security and condition.</li> </ul>			(b)(	(3), (1	o)(6),	(b)(7)	(c)	
<ul> <li>b. Spent-Cartridge Box. Check security and condition. Check operation of latches.</li> </ul>			<del></del>					
7. Equilibrator. Check for corrosion, security and adjustment.	χ							
850 Caliber Ammo Feed System.								
a. Check security and condition of .50 caliber ammo trays.	X		-					

Table E-3. AAV7A1 Limited Technical Inspection — Continued

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be included if unserviceable.
<ul> <li>b. Check security and condition of roller guides.</li> </ul>	χ							
9. 40mm Ammo Feed System.						Ĩ		
<ul> <li>a. Feed Chute. Check for dents, corrosion and/or damage.</li> </ul>	χ							
<ul> <li>b. Check feed-chute cover for tears, holes;</li> <li>zipper must move freely. Check attachment</li> <li>points for security and condition.</li> </ul>	χ							
<ul> <li>c. Check anti-feedback lever for condition and security.</li> </ul>	Х							
10. 40mm Ammo Box Assembly.								
Check security and condition of box, doors, and flaps.	χ	·						
b. Check operation of latches.	χ,							1
<ul> <li>c. Check that electrical connector on last-round switch is tight and in good condition.</li> </ul>					X			not mounted
11. 40mm Charger Assembly. Check condition and security of charger tube.	χ							
12. 40mm Mantlet.								
a. Check condition and security.	X							
b. Check operation of cover latches.	1							
<ol> <li>.50 Caliber Mantlet and Cradle. Check condition and security. Check for damage, cracked welds and bare metal.</li> </ol>	λ							
<ol> <li>Power-Assist Traverse Mechanism. Check for security, condition and leakage. Make sure that electrical connectors are tight and in good condition.</li> </ol>	X							
<ol><li>Elevation Control Assembly. Check for security and condition.</li></ol>					χ			upper many not hooked up.
16. Gunner's Trigger Switch. Check for security and condition. Check that electrical connectors are tight and in good condition.					Х			•
17. Linkage. Check for security and condition.						$ \mathcal{X} $		Bent
18. Grenade Launcher Inhibit Switch, Check for security and condition. Check that electrical connector is tight and in good condition.				χ				Bert switch uppluge

Table E-3. AAV7A1 Limited Technical Inspection — Continued

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be included if unserviceable.
19. Elevation Interrupter Switches. Check for condition and security. Check that electrical connectors are tight and in good condition.	χ							
20. Utility Light. Check that light and electrical connector is secure and in good condition.	X							
21. Communications Box.	X							
<ul> <li>a. Check that electrical connector is tight and in good condition.</li> </ul>	X							
b. Check for security and condition.	X							
22. Weapons Station. Inspect for damage, security and clarity.	X							
<ul> <li>a. Vision Blocks. Inspect for damage, security and clarity.</li> </ul>	X							
<ul> <li>Ring Gear. Inspect for damage and corrosion. Should be clean and no grease.</li> </ul>	X							
23. Hatch.								
<ul> <li>Seal, Hatch, Hinges. Inspect for damage, loose hardware and proper operation.</li> </ul>	X							
b. Hatch Latch Check. It should lock the hatch closed, hatch vertical to turret and hatch horizontally open in three positions (15°, 90° and 175°).	X							
c. Hatch Handle. Check security, condition and proper operation.	7							
<ul> <li>d. Crash Pads. Inspect pads on hatch and weapons station for security and condition.</li> </ul>						Х		
24. Sight Cover.								
<ul> <li>a. Seals, cover, hinges, inspect for damage, loose hardware and proper operation.</li> </ul>					χ	,		
b. Sight cover handle. Check conditions and proper operation.				,	X			Frozen
25. DAGR.							THE REAL PROPERTY.	
<ul> <li>a. Check that electrical and antenna connections are tight and in good condition.</li> </ul>		1.5	K	<b>b)</b> (3)	, (b)(	6), (b)	)(7 <u>)(</u> c	, Naga notinst
b. Check for security and condition.	1	1			1		ı 1	

Table E-3. AAV7A1 Limited Technical Inspection — Continued

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be included if unserviceable.
III. Weapons Station Exterior,								
<ol> <li>Receptacle, Spotlight. Inspect for corrosion and damage. Check that cover fits securely and is tight.</li> </ol>	X							
<ol><li>Mount, Spotlight. Inspect condition and security.</li></ol>	X							
3. Smoke Grenade Launchers.								Fixed minut on ports
<ul> <li>a. Tubes. Inspect sight tubes for dents, cracks or corrosion, and security to mounts. Check security of mount to turret.</li> </ul>					X			Fixed mixent on ports Bent. Flag Brucket Bent.
b. Electrical Contacts. Check that contacts are tight and free of corrosion.	X							
<ul> <li>c. Rubber Caps. Check sight caps for condition.</li> </ul>	X							
Entrance Window. Inspect condition and security. Look for signs of moisture.						X		sight unsuviceable
5. Sight Cover. Inspect condition and security.					χ			
<ol><li>40mm Mantlet Cover. Check for security and condition. Check operation of latches.</li></ol>	X							
<ol><li>Remote Antenna. Check security and condition of cover.</li></ol>	X							
IV. Functional Tests.								No power.
<ol> <li>Manual Operation. Check for weapons station binding and backlash.</li> </ol>								
<ul> <li>a. Azimuth. Check movement through 360° clockwise and counterclockwise.</li> </ul>								
b. Elevation. Check for +45° maximum elevation and -8° maximum depression.								
<ol><li>Powered Systems Test. Vehicle master switch and turret power switch ON. Check operation as noted.</li></ol>							,	
<ul> <li>a. Control Box Lights. Check that control box lamps light when turret power switch is ON by pressing lamp test all button.</li> </ul>					(b)(6)	, (b)(7	7)(c)	
<ul> <li>b. Domelight. Lights in both blue and white switch positions.</li> </ul>				/	L		L	
c. Utility Light. Lights in both red and white.								
<ul> <li>d. Thermal Elbow Check Only. Ensure the unit shows an image and all controls work.</li> </ul>								

Table E-3. AAV7A1 Limited Technical Inspection — Continued

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be included if unserviceable.		
e. Spotlight. Install and check operation.								no power/		
f. Exhaust Blower. Check operation.				······································				1 /		
3. Low Ammo System Test.										
<ul> <li>a. Last-Round Switch OFF. Last-round indicator light ON, triggers do not work.</li> </ul>										
<ul> <li>b. Last-Round Switch ON. Last-round indicator lamp light ON, override switch in UP position, triggers work.</li> </ul>				·						
<ul> <li>c. Last-Round Switch OFF. Last-round indicator light OFF, override switch down, triggers work.</li> </ul>										
<ol> <li>Weapons Station System. Perform test as prescribed in Section 3.</li> </ol>										
a. Manual Elevation. Check operation.				(b)(	b)(3), (b)(6), (b)(7)(c)					
<ul> <li>b. Deck Clearance. Check clearance of all obstacles. Check all inhibit zones.</li> <li>Weapons electrical trigger will not fire while in inhibit zones.</li> </ul>				/						
5. Smoke Grenade Launcher Test.										
<ul> <li>a. Tubes. Check that they are clear of grenades.</li> </ul>		,								
<ul> <li>b. Contacts. Check for 24 VDC at eight firing pins inside of tubes on smoke grenade launchers. Turret power switches ON, smoke grenade switch ON, hatch in closed and locked position, and grenade firing switch depressed.</li> </ul>										
6. DAGR Operational Test. Refer to TM 11-5820-1172-13.								NO DUGR		
a. Check that DAGR passes self-test.										
b. Check that DAGR is using vehicle power.				$I_{\cdot}$						
c. Check that DAGR is using remote antenna.				(b)(3),	(b)(	6), (b	)(7)(c			
<ul> <li>d. Check functioning of DAGR screen backlighting.</li> </ul>										

From:

(b)(3), (b)(6), (b)(7)(c)

Sent:

Wednesday, September 16, 2020 8;22 AM

To:

(b)(3), (b)(6), (b)(7)(c)

Subject:

**AAV Investigation Request** 

From

(b)(3), (b)(6), (b)(7)(c)

Sent: Monday, August 31, 2020 3:42 PM

(b)(3), (b)(6), (b)(7)(c)

**Subject:** Investigation Request

(b)(3), (b)(6), (b)(7)(c)

Here is initial information on the vehicle. Please let me know what other information you are looking for.

The vehicle was built in 1984, with a DD250 date of 10/25/1985.

RAM/RS date: 8/2/1999 IROAN date: 12/21/2015

Mod Installs

**EELS** 

Jan/2017

Throttle Linkage June/2018

**AFSSS** 

Oct/2018

Thanks,

(b)(3), (b)(6), (b)(7)(c)

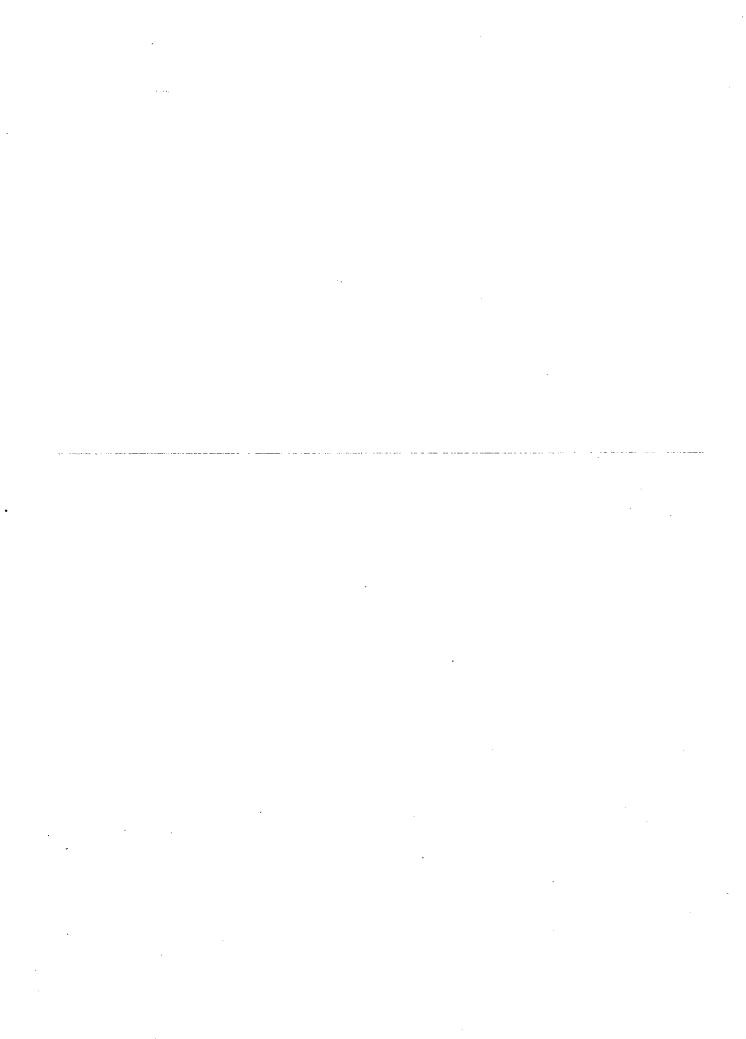
Note: I am not a Contracting Officer, I do not have the authority to initiate or modify contracts or to direct you in any way to alter your contractual obligation. I do not have the authority to commit the Government financially in any way.

WHOSDAT Build year Built A	2d Tracks 1583-85 1984			
FINALDRV W	0640			
FINALDRV 1	6890			
E	GION	<b>9</b>		
HSU	4388	I WASHOUTFIN		
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		1668699	le Linkage gn 6053-2	-
DDZNC	870070	Holder_Sub	45-1 Thrott Redesi	•
DDZDATE	P7000234 S23519 LVT1072 10/25/1985	CA Drizhuez Vehice ID Variant Model Holder S23519 P7 RAM/RS and AA Br	EELS revision 604	-
) USMCNO	LVT1072	Model RAM/RS	Vehicle ID AFSSS sensors 5494-1	
SERIALNO	523519	Variant P7	Vehicke I	523519
HULLNO	P7000234	CSA Details Vehicle ID 523519	Last Submission Date	44071

## LIMITED TECHNICHAL INSPECTION

DATE: 20200414	1					
PUPPOSE OF LTI:	,	SERVICE REQUEST:	299	40556		
RESPONSIBLE UNIT: 30	) AABN	SET SERIAL: 523				
NOTIENCLATURE: AA		TAMN: E0846		`	-01-458	-76
NOMENCLATURE	NIIN / P/N		QTY	DEF	REMARKS	
FRANSMISSION	01-463-8066	3722121		S		
-						
DEFE SL-3 COMPLETE: YES/NO MODS VERIFIED: VE3/NO LAST PMCS DATE: 2020		ABLE U-UNSERVICAB	BLE M	- MISSING		
COMMENTS: DRUFT P. OD-086-4293 WRENCH ADJUSTAD DILER, HAND, QTY	SCREWDILLUEIL 1		6.HT 00- PUTTY	EXTENSION 222-85	10,07/1, 152, 00-221-153	76,
LTI BY PRINT/SIGN DATE: 2020 6414	(b)(3), (b)(6), (b)(7)(c)	LTI BY PRINT/SIC		(b)(3),	(b)(6), (b)(7)(c)	

ENCLOSURE (17)



ASSAULT AMPI LIMITED TE	HIBIOUS VEHICLE (AAV7A1) CHNICAL INSPECTION							
MODEL (CIRCLE ONE)	REF	ERENCES						
(AAVP7A1)	(AAVP7A1) TM 09674A-25&P/4							
AAVC7A1	TM 07267B-50							
AAVR7A1	TM 07268B-25&P/2							
TAC NO. 3-11-61	MILES 1775							
U.S.M.C. NO. 523519	HOURS 7.72	THE RESERVE OF THE PARTY OF THE						
HULL NO. PAM-Y-009	Name - Application - Applicati	a manufacture and another and another and another and another and another another and another another another and another anot						
ENGINE NO. 37222121								
TRANSMISSION NO. 7 MYZZS								
(b)(3), (b)(6), (b)(7)(c)	K/SIGNATURE	DATE INSPECTED						
(b)(3), (b)(6), (b)(7)(c)		70700414						
NOIE: The following inspection sneets are divided the column which best describes the condition of	led into seven columns. The insp	pector will place a check in						

the column which best describes the condition of the item being inspected. For those items that cannot be inspected for any reason, the inspector will make an appropriate annotation in the remarks column.

**ENCLOSURE (47)** 

1	1			· · · · · ·	- 1	T	
Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
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NOMENCLATURE/LOCATION	Satisfactory	Missing	Service		l	Replace	Modify	Remarks MUST be Included if unserviceable.
11. Port Track: (Para: 7-7) Use mack wear gage to measure wear. Mark each miserviceable track shoe:								
a. Track Shoes.	10 Sept.	學學	GEN.	J. 620	13/4	25 A.E.	逐減	
b. Track Pads.	$ \frac{1}{2}$ $\frac{1}{2}$				<u> </u>			
c. Track Pins.	$\dashv \forall 7$			_				Control of the contro
d, Track Wear.	+							
e. Track Adjustment.	1.7		-					
12. Port Road Wheels and Hubs. (Para 7±12)  Circle those numbers which are unserviceable				李. 李. 李. 李.	10% ************************************	質な	大 大 大 子 石 石 石	
a. Road Wheel Cracks/Damage. 1 2 3 4 5 6	\/							
b. Road Wheel Wear Rings. 1 2 3 4 5 6								
c. Hub Oil Leaks. 1 2 3 4 5 6 .			ļ					
d. Hub Oil Level. 1 2 3 4 5 6						<u> </u>		
e. Mounting Hardware. 1 2 3 4 5 6								
13. Fort Support Arms. (Para. 7–13)  Circle those numbers which are unserviceable.  1 2 3 4 5 6	$\checkmark$							
14 Port Torsion Bars. (Para 7–13).  Circle those numbers which are unserviceable.	は変数			10000000000000000000000000000000000000				
a. Torsion Bars. 1 2 3 4 5 6							_	
b. Retaining Screws. 1 2 3 4 5 6							56 Fa. 2	
15. Port Shock Absorbers. (Para. 7-11)	- ta 18					2 3	2 100	The state of the s
a. No. 1 Shock.				4			- -	
b. No. 2 Shock.			_	-		┿	$\bot$	
c. No. 3 Shock.			$\bot$	_	<u> </u>	$\perp$		
d. No. 4 Shock.	_   ~		+	$\bot$	-	+-	+	
e. Mounting Hardware.		ڪير ود				23 20		A Markey Caracher and the second of the second
16. Port Front Single Support Roller (Para 7-14)	例: 数 跨	事物	題 機	## J#	75 E	SQ T	图 揭	· · · · · · · · · · · · · · · · · · ·
a. Support Wheel Cracks/Damage.	V		+-	+-		+	+-	
b. Hub Oil Leaks.		-	+-	+	-+-	+	-	
c. Hub Oil Level. d. Mounting Hardware.								

ENCLOSURE (47)

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be included if unserviceable.
17. Port Dual Support Roller (Para 7-15)		菱	饕	響	囊	쬁	蹇	
a. Support Wheel Cracks/Damage.								
b. Hub Oil Leaks.								
c. Hub Oil Level.	$\sqrt{}$							
d. Mounting Hardware.	$\sqrt{}$							
18. Port Rear Single Support Roller. (Para -7-14)	発が	委	凝	也 多	型型 松脂酸	超度 系標	鑑	表示: 10 mm
a. Support Wheel Cracks/Damage.	V							
b. Hub Oil Leaks.	V							
c. Hub Oil Level.	$\sqrt{}$							
d. Mounting Hardware.	$\sqrt{}$							
19. Port Slap Guard. (Para. 7–10)  Check for wear and loose mounting hardware.								
20. Port Idler Wheel and Hilb. (Para 7-9)	in pa	100		動物	700	糠	353	
a. Idler.	1							
b. Outer Wheel.	V							
c. Inner Wheel.	V			Γ				
d. Mounting Hardware.	V,							
e. Oil Level.	V							
21. Port Track Tension Adjuster. (Para. 7-8)	- a.i	: 5 : 3	新疆	3.3	37.5	100	123	
a. Track Adjuster Support.	1							
b. Track Adjuster.	T		17					Has Rust
c. Bleeder Valve.	V						١.	
d. Grease Fitting.	1	T						
22. Port Anode. (Para. 8–53) Check for tightness of mounting screw. Make sure there is no paint on anode.	/							
23. Port Midships Bearing. (Para. 9–18) Check for signs of leaks.	/							
24. Drive Shaft. (Para. 9-17) Check for signs of damage.	17	1	1	1	Ť	1	T	
25. Footman Loop. (Para. ) Check for weld cracks.	17		$\top$	T	T		1	
26, Port Handrails. (Para. ) Check for weld cracks.	17	1	1	1	†	$\top$	1	
27. Port Cargo Hatch Supports. (Para.)	1 1000	3	7.5	7. 7.55	7 4	をな	÷ 3:	A SERVICE STREET
a. Forward Support.	1	1	1	1	T		1	
b. Aft Support.	1.7	1	1	$\top$		$\top$		,
28. Fuel Tank Pressure Relief Valve and Outlet Cover. (Para.) Check cover and mounting screws for damage Check relief opens.								
29. Check fuel filter cap. (Para. )	1	1	┪	╁	$\top$	+	+	

	1	i i		·		·		<u> </u>
NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
7. Vision Block and Guard	0.33	3.5	18 Mg	75.7 3.37	#28 5-24	變		ETTERSON MENTALISMENTA
a. Vision Block Guard.		26 1944	THE THE		913/5/5	79.5-2-1	*#2-5	The second second design of the second design of th
b. Vision Block.	Ž							
8. Personnel Hatch:		355 2003	10.00	77-71	2 E			
a. Personnel Hatch Handle (inner and outer).			5.7.2	, , 54 Hyary	ALC: NO	estate:	Seete	The state of the s
b. Personnel Hatch Seal.	17					-		
c. Hook and Damper.	1/							**************************************
d. Mounting Hardware.	/							The state of the s
<ol><li>Starboard Deflector. Check for warping and cracks. Check mounting hardware for tightness and damage.</li></ol>								
10. Trailer Receptacle	爲			春變			<b>APP</b>	Er von Verschaus
a. Cover.	1./							
b. Retainer Chain.	V							1
<ol> <li>Starboard Reverse Flow Duct. Check for damage and tight mounting hardware.</li> </ol>								
<ol> <li>Starboard Propulsion Unit. Check unit for damage and mounting hardware for tightness. Rotate drive shaft to check for free movement of impeller.</li> </ol>	/							
13. Drive Shaft. Check for signs of damage.	1.7	<del> </del>	$\vdash$				<del>                                     </del>	
14. Footman Loop. Check for weld cracks.	1/	<del>                                     </del>		<u> </u>		$\top$		
15. Starboard idler Wheel and Hub		覆	25	<b>23</b>	鑩	文章 全庭	78.7	
a. Idler.	1,/			V3. ,15g		N. M. Carrie	- Sulfative	PART A SECRET OF SERVICE CO. 144-15-15-15-15-15-15-15-15-15-15-15-15-15-
b. Outer wheel.	$\mathbb{T}$	1			1			
c. Inner wheel.	17			1	1			
d. Mounting Hardware.	Ĭ			1		1	<del>                                     </del>	
e. Oil Level.	$\overline{V}$							
16. Startsoard Track Tension Adjuster.			1	- SE			20	
a. Track Adjuster Support.					1			
b. Track Adjuster.	Ť		1					Has Aust
c. Bleeder Valve.	1		Ť	1				1.1001
d. Grease Fitting.	17	i	†	T	Ť	1		
<ol> <li>Starboard Anode. Check for tightness of mounting screw. Make sure there is no paint on anode.</li> </ol>	1							
18. Starboard Midships Bearing. Check for signs of leaks.	17	-	-	1	+	+	1	

NOMENCLATURE/LOCATION	Satlsfactory	Missing	Service	Adiust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
30. Stowage Brackets. Check for weld cracks.	$\sqrt{}$							
31. Bilge Pump Outlets	编数 数据		## ##	類	188	· 多魔	是是	Parlicular parameter (Programme)
a. Hydraulic Pump Outlet.	$\checkmark$							
b. Electric Pump Outlet.	$\checkmark$							
32 Personnel Heater Exhaust Outlet			18	變	謹	魏	100	A TOTAL CONTRACTOR OF THE PROPERTY OF THE PROP
a. Outlet Cap.	$\checkmark$				<u> </u>			
b. Outlet Adapter.	<u> </u>							
33. Exterior Fire Extinguisher Pull Handle		利が	翨	蔥		1. 多数 数据	態	
a. Handle.	/				<u> </u>			
b. Wire Seal.	<u>~</u>		<u> </u>			<u> </u>		
<ol> <li>External Fuel Tank Drain. Check plug for tightness and leaks.</li> </ol>	V							
<ol> <li>Port Deflector. Check for warping and cracks.</li> <li>Check mounting hardware for tightness and damage.</li> </ol>	$\checkmark$							
<ol> <li>Port Reverse Flow Duct. Check for damage and tight mounting hardware.</li> </ol>	V		,					
<ol> <li>Fuel Tank Pressure Relief Valve Outlet Cover. Check cover and mounting screws for damage.</li> </ol>		,						
38. Port Propulsion Unit. Check unit for damage and mounting hardware for tightness. Rotate driveshaft to check for free movement of impeller.	V							
I. Outside of Vehicle (Aft and Startoard)	證	200		· ·				
1. Taillights	1			教			高編	
a. Port Taillight.		1		T				
b. Starboard Taillight.	1			T				
c. Taillight Guards.	V		T					
<ol> <li>Horn. Check for loose mounting hardware, corrosion, and proper electrical connections.</li> </ol>	V	1						
3 Tow Cable Stowage Brackets. Check for cracked or bent brackets.	1	/						
4 Towing Pintle. Check for loose mounting hardware. Check pintle for free rotation and proper quick-release operation.	V							
5. Ramp Plugs, Check for tightness.	Tu	1				$\prod$		
<ul> <li>Ramp Hinges and Towing Eyes. Check mounting hardware for tightness.</li> </ul>	V	1						

 NOMENCLATURE/LOCATION	Sattsfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
19. Starboard Road Wheels and Hubs: Check those numbers which are unserviceable.					100 miles		· · · · · · · · · · · · · · · · · · ·	
a. Road Wheel Cracks/Damage. 1 2 3 4 5 6	/							
b. Road Wheel Wear Rings. 1 2 3 4 5 6	$\checkmark$							
c. Hub Oil Leaks. 1 2 3 4 5 6	$\checkmark$							
d. Hub Oil Level.	$\checkmark$				<u> </u>			
e. Mounting Hardware. 1 2 3 4 5 6	V							
<ul> <li>20. Starboard Support Arms. Circle those numbers which are unserviceable.</li> <li>1 2 3 4 5 6</li> </ul>								
<ul> <li>21. Starboard Torsion Bars. Check for broken bar and loose retaining screws. Circle those numbers which are unserviceable.</li> <li>1 2 3 4 5 6</li> </ul>	<b>/</b>							
22. Starboard Shock Absorbers.	35	-		10		, V 1	-	
a. No. 1 Shock	1/		<u> </u>					The state of the s
b. No. 2 Shock	//		$I^-$					
c. No. 3 Shock	1/	<u> </u>						1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
d. No. 4 Shock	1/	<u> </u>			İ			
e. Mounting Hardware.	1/							
23. Starboard Front Single Support Roller.	鑾線	<b>9</b> 6		1	- 15 M	領海	1000	<b>連続を建設を受ける。</b> 本では、本をでしてきません。
a. Support Wheel Cracks/Damage.	1./							
b. Hub Oil Leaks.	1/						<del>                                     </del>	
c. Hub Oil Level.	V							
d. Mounting Hardware.	1/				T		1	
24. Starboard Dual Support Roller.	4.	12.5	1.00	奖	1 - 5		, (87) 3554	
a. Support Wheel Cracks Damage.	1/							
t. Hub Oil Leaks.	17		T	T				
c. Hub Oil Level.	1			1		1.	1	
3. Mounting Hardware.	1/		Ī			$\top$	1	
15. Starboard Rear Single Support Roller.	T		Τ	T	1	1: .	35	
a. Support Wheel Cracks/Damage.	1	1		T	1	T		
U. Hub Oil Leaks.	1						T	4
c. Hub Oil Level.	1/				1			ENCLOSURE
d Mounting Hardware.	17		T	T	T	1	1	LINDLUGUIL

Satisfactory  Missing  Missing  Modify  Modify  Modify  Modify  Modify	
NOMENCLATURE/LOCATION	
26. Starboard Slap Guard. Check for wear and loose mounting hardware.	Manin-Grid spread (Control of Control of Con
27. Starboard Track. Use track wear gage to measure wear. Mark each unserviceable track shoe.	
a. Track Shoes.	
b. Track Pads.	
c. Track Pius.	
d. Track Wear.	
e. Track Adjustment.	
28. Sfartoaard Sprocket Rings	数的 数
a. Inner.	
b. Outer.	
29. Starboard Sprocket Carrier. Check for loose mounting hardware and damage.	
30. Starboard Final Drive	
a. Outer Housing.	
b. Bolts.	
31. Starboard Side Pontoon. Remove drain plug and check for water.	
32. Starboard Track Shroud. 'Check for loose mounting hardware and damage.  Needs V	zint
33. Starboard Bilge Pinip Outlets.	The state of the s
a. Hydraulic Pump Outlet.	
b. Rectric Pump Outlet.	
34. Stowage Brackets. Check for weld cracks.	
35. Heater Exhaust Outlet. Check for loose mounting hardware and damage.	
36. Startboard Cargo Hafch Supports.	
a. Forward Support.	
b. Aft Support.	
c. Hand Rails.	
37. Footman Loop. Check for weld cracks.	

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NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be included if unserviceable.
38. Starboard Side Hull. Check for damaged and bare								
metal	松海		148	<b>100</b>	理的	2000	紫檀	
a. Armor Piercing Protection Plates Kit (APK). (Para. 16–69a)								
b. Steps. (Para. 16-72)	1							
c. Slope Rack Kit (SRK). (Para. 16–73)	V							
d. Stowage provisions. (Para. 16-81)	/							
e. Fairings. (Para. 16–71)	1							
f. Standoff Brackets. (Para, 16–70)	1							
g. Hull Bosses. (Para. 16-80)	1/	<u> </u>						
III. Bottom of Vehicle		癴	<b>35</b>	5 E			多一等。 /编辑	
Hull. Check bottom of vehicle for damage.			1		Na.	1,000		Small Crack/Meeds Wellshop
Dram Plugs. Check for missing, light for damaged phigs.	透			統裁		海溪	物質	
a. Hull.	1/	1						
b. Ramp.	1/	Ţ						
c. Contact Cooler.	1/							
IV. Outside of Vehicle (Topside)	153	100	23	2.0	1	ु <i>द</i> • : ∴∑	愈强	
<ol> <li>Hand Rail (forward). Check for weld cracks or other damage.</li> </ol>	1							
Mooring Cleats/Lifting Fixtures Check for damage. (Para 8_34).      (Para 8_34).      (Para 8_34).      (Para 8_34).      (Para 8_34).      (Para 8_34).      (Para 8_34).	三 第 第	· 養養	<b>基本</b>	凝	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			
a. Forward (pass and starboard).	$\rfloor$	1						
b. Aft (port and starboard).	V							
NOTE  Make sure make grille is secured properly in raised position								
a. Screen.		1		1				
p. Brace Rod.	<u> </u>							
c. Cam Lock Handles/Stop Screws.								
d. Torsion Bar Assembly. (Para. 8-17)	1,/	1	T				T	
e. Mounting Hardware.	1./	1	T	T		-		
f. Seal.	1./		1	1	-	1		
<ol> <li>Ventilator—Aspirator. Check that valve works properly and inlet soreen is clean and not damaged. (Para. 8–18)</li> </ol>	V							
<ol> <li>Radiator Cover and Cap. Check ballistic cover for famage and radiator cap for proper sealing. (Para. 8–19)</li> </ol>		/		And the second s		The state of the s		ENCLOSURE (47)

			<del></del> -,					· · · · · · · · · · · · · · · · · · ·
NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
<ol> <li>Center Plate. Check sealing surface for tight fit and retaining screws for tightness.</li> </ol>	V				***************************************	***************************************		
7. Exhaust Grille. (Para: 8=14)  NOTE  Make sure that exhaust grille is secured properly in a large raised position.			<b>新疆路域</b>					
a. Screen.	1							
b. Seal.	1							
c. Brace Rod.	. /							
d. Lugs (dogs).	./							
e. Mounting Hardware.	1/					<u> </u>		
8. Plenum Indicators.		188. 288.		2	饗		震	
a. Intake.	1	1-12.73		-		1.65-2		
b. Exhaust.	./			T				
9. Searchlight Mount and Receptacie. Check for damage.	Ĭ./						İ	
10. Driver's Hatch	赤	2145	1945 - 1956 - 1959		<b>40</b>	350 730		
a. Cover and Hinges.	/	1						
b. Torsion Bar.	7	1		1				
c. Latches (open and closed).	. V	1						
d. Seals and Pads.	1,7			╁				
e. Vision Blocks.	./		╁					
f. DVE Adapter Assembly.	./	†	$\top$	$\dagger$	1	+	$\top$	
<ol> <li>Periscope and Support. Check periscope for breaks and chips and support for damage.</li> </ol>	V	,				-		-
12. Commander's Hatch	<b>E</b>		8	1 200				
a. Cover and Hinges.	1/		* ****	/ 25	S. 648	AL TRIVATE	34 (155-54)	and the second s
b. Torsion Bar.	1.	/		+	+	十	十	
c. Latches (open and closed).	+	+	+	+-	$\dagger$	╁╌	十	
d. Seals and Pads.	\frac{\frac{1}{2}}{1.} /	+	+	+	+	-	-	
e. Vision Blocks.	1	/	+	1-	+	$\dashv$	+	
13. External Exhaust system. Check the external muffler, muffler guard, for damage and operation.								
a. Mussier.	1		-	-				
b. Guard.	Η,	1	†	1	-	+	+	!
.c. Pipes Clamp.	¥	7	1	╁	<del></del>	-	1	

NOMENCLATURE/LOCATION  14. Ventilation Exhaust Outlet. Check ballistic cover for damage and tight retaining screws. Check screen for days of the control of	Satisfactory	Missing		úη	늘	ace	2	
14. Ventilation Exhaust Outlet. Check ballistic cover for damage and tight retaining screws. Check screen for			Service	Adjust	Repair	Replace	Modify	Remarks MUST be included if unserviceable.
damage.	$\sqrt{}$							
15. Overhead Protection Kit (OPK).			- ·	2 1			.	The same of the sa
a. OPK Tiles.								
b. Torsion Bar Assist Mechanism (TBAM) Cover.	ĬŹ	***********						
c. TBAM.	Ň			Delle	incer paper.			
d. Bosses.	1/							
16. Cargo Hatches.	Ĭ	51.	1 1			11		
a. Covers and Hinges,	1,/							<u> </u>
b, Torsion Bar.	1/						_	
c. Latches (open and closed).	1./							
d. Seals.	1./							
17. Aniema Mounts		7						
a. Receiving Mount.	V							
b. Port Sending Mount.	17							
c. Starboard Sending Mount.	1/							
d, PLRS Antenna Mount.	V							
e. DACT Antenna Mount.	1/							
18. Sea Tow Quick-Release. Check assembly for damage and proper operation.	V							
Engine Compariment (Forward)			23.54 3.45	-	ا الله الله الله الله الله الله الله ال	-2	- 3 v -	
Forward Bulkhead, Bow Pod Access Cover, and Bow Pod.     NOTE     Make sure intake grille is properly secured in raised position.								
a. Bow Plane Velocity Fuse Valves.						T		
b. Bow Pod Access Cover.	V							
c. TACNAV sensor.	1/					Ī		
2. Intake Plenum Actuating Cylinder.		-					and the state of t	
a. Cylinder.	1./				1			
b. Hydraulic Hoses.	V			1	Ī	İ	1	1

	*							
NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
-4. Cooling Fan.			差	<b>经</b>			部級	galan ya kulu waka wa majaka isaa na galan kata wa kulu waka kata wa kata wa kata wa kata wa kata wa kata wa k Malan kata waka kata wa kata wa kata wa kata wa kata wa kata wa kata wa kata wa kata wa kata wa kata wa kata w Malan waka waka waka wa kata wa kata wa kata wa kata wa kata wa kata wa kata wa kata wa kata wa kata wa kata w
a. Guard.								
b. Shroud.								
c. Fan.	1/							
d. Bearings.								
€. Belt Adjustment.	/							MANUSCHILLEN MANUSCHILLEN EN PROPRIETZE STOREN MANUSCHILL
f. Seals,	1/			İ	Ì			
g. Fan Cartridge Bearing.	1./							
h. Drain Tube.	17							_
5. Surge Tank		20 V 3.733	Y-0		**************************************	12 A	報題	
a. Tank	1							
b. Valve.	1./			T				
c. Hose and Tubes.				T	1			
d. Mounting Hardware.	1/			1		T		
6. Crew Ventilation.	:						7. 2	
a. Ducts. Clamps, and Hoses,	/			1				
b. Drain Tube,	1		1					
7. Control Linkages.							1 7	
a. Brake Linkage.	1/	1		1	-			
b. Steering Linkage.	1/	' l -						
c. Throttle Linkage.		T	T	T	Ť		1	
d. Brake Flood Control Valve Linkage.	Ť	1	1	†	1	1	$\top$	**************************************
NOTE  Make sure flood valve spindle moves freely.	$\vee$							
e. Engine Compartment Exhaust Fan Linkage.	V						T	
Transmission Mounts. Check mounts for loose mounting hardware. Check transmission guide and guide rollers for damage.	V	,						_
9. Electrical Wiring and Connections.	T	T	1.	$\top$		T	Τ	
a. Bulk Head Connectors.	1, /	1		T	T		1	
b. Fower Plant Wiring.	1	1					T	
e. Crew Vent Fan.	1.7	1	+			Ì	1	
il. Electrical Bilge Pump.	$\overrightarrow{V}$	Ť	1		1		1	
£0. Hydrostatic Steering Disconnect Levet. Check lever for correct operation, damage, and wear. Check for leaks.								

		,			<del></del>				
NOMENCLATURE/LOCATION	Sattsfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.	
<ol> <li>Precleaner. Check cleaner for damage, loose mounting hardware, and loose clamps. Check screen for damage and debris.</li> </ol>	V								
<ol> <li>Crew Ventilation Fan. Check mounting hardware for looseness. Check ducts and clamps for damage and tightness.</li> </ol>	✓								
<ol> <li>Starboard Right Angle Drive. Check oil level. Check mounting hardware for looseness. Check for signs of leaks.</li> </ol>	/							2 - 2 - 2	
28. Starboard Right Angle Drive Shaft. Check condition of shaft coupling for damage. Check coupling bolts for tightness and proper safety wire.	/								
<ol> <li>Fan Drive Shaft. Check shaft and coupling for damage or wear. Check safety wire for damage.</li> </ol>			/					Broken Safety h	/: re
30. Fuel Filter	23	+350	虁	鑿	36	孋			
a. Fuel Leaks.	1/								
b. Drain Cock/Contamination.	J					<u> </u>			
c. Electrical Leads/Transducer.	$\overline{\mathcal{I}}$		İ		<u> </u>				
d. Mounting Hardware/Air Valve.	17		<u> </u>		<u> </u>				
31. Power Takeoff Unit.	18.8		<b>34</b>	Yours	<b>E</b>		<b>夏</b> 建		
a. Oil Leaks.	1			24.5	1. with	G. C. Se	स्ट <sup>्र</sup>	Garagan Care Care Care Care Care Care Care Care	
b. Mounting Hardware.	1.7		$\vdash$			-			·
c. Electrical leads/Connections.		1		-		-	-		
<ol> <li>Starter. Check that starter is mounted properly. Check electrical leads and connections for damage and proper connections.</li> </ol>	<b>V</b>								•
33. Transmission Oil Cooler. Check for oil and water leaks. Check electrical leads and connections for damage. Check oil lines, hoses, and clamps for tightness.	/								-
34. Exhaust Manifold (starboard side). Check for cracks, holes, and corrosion. Check mounting hardware for tightness.	<u></u>								-

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service			Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
11. Port Final Drive.	藝	鬱	5.5	题		建業			藝術的學科技術等
a. Oil:Oil Level.	$\sqrt{}$								
b. Oil Leaks/Seals.	$\checkmark$								
c. Mounting Hardware.	$\sqrt{}$								
d. Speedometer Adapter/Cable.	$\checkmark$								
<ol> <li>Port U-Joint. Check for wear, tight screws, and proper safety wiring.</li> </ol>	<b>\</b>								
<ol> <li>Port Hydraulic Bilge Pump. Check for oil leaks, loose mounting hardware, damaged screen, and debris.</li> </ol>	✓								
14. Bilge Pump Bypass Valve. Check for oil leaks, loose mounting hardware, and damaged electrical connections.	V								
<ol> <li>Plenum Solenoid Valve. Check for oil leaks, loose mounting hardware, and damaged electrical connection.</li> </ol>	$\checkmark$	[							
16. Bow Plane Hydraulic tubes. Hoses and Fittings. Check for leaks, loose fittings and loose mounting hardware.	$\checkmark$								
<ol> <li>Fuel Manifold. Check for fuel leaks and loose mounting hardware.</li> </ol>	V								
<ol> <li>Forward Engine Compartment Fire Extinguisher         Discharge Nozzle. Check for damage and debris.</li> </ol>	1			-					
<ul> <li>19. Port Lateral Drive Shaft. Check shaft for damage and coupling for tight mounting screws and proper safety wire.</li> </ul>	V								
<ol> <li>Port Right Angle Drive. Check oil level. Check mounting hardware for looseness. Check for signs of leaks.</li> </ol>	<b>V</b>								
21. Statboard Final Drive.	計畫	整		10 March 10	200 200 200 200 200 200 200 200 200 200	· 東京 東京 東京 東京 東京 東京 東京 東京 東京 東京		靈	Activities to the second
a. Oil/Oil Level.									
b. Oil Leaks/Seals.		/							
c. Mounting Hardware.	V	1	$\int$	$\int$				Ĺ	
<ol> <li>Starboard U-Joint Check for wear, tight screws, and proper safety wiring.</li> </ol>	V								
23 Starboard Lateral Drive Shaft. Check shaft for damage and coupling for tight mounting screws and proper sufery wire	\ \ '								
24 Starboard Electrical Bilge Pump. Check screen for debris and dumage. Check mounting hardware for ughtness.	\							-	

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modity	Remarks MUST be Included if unserviceable.
35 Transmission Check for overall cleanliness and damage.								
a. Leaks.	4/			34.2	1	,		Approximate the second of the second of the second of the second of the second of the second
<ul> <li>Torque converter to engine mounting screw for tightness.</li> </ul>	/							
c. Range selector valve for leaks and safety wire.	./							
d. Oil Leaks.	1						<u> </u>	PRINCES PROCESSA I PARTICULAR DE CONTROL DE
e. Left and right brake and steer sections for leaks and loose mounting bolts.	<b>V</b>							
f. Check brakes for proper adjustment.	1							
g. Check transmission drain line for leaks, damage, and loose drain plug.	<b>V</b>							
VL Engine Compartment (Aft)	虁	4400	響		變	200	鑙	<b>经验的表现的影响在这个思想的影响</b>
Exhaust Plenum. Check actuating cylinder and oil lines for leaks. Check condition of plenum seal.	1							
Components Boiled on to the Engine of Neck for tight mounting hardware, proper electrical connections, damaged hoses and electrical leads, and leaks:	多			经验				
a. Turbocharger.	1/							
b. PT Pump.	1/	<u> </u>						
c. Exhaust Manifold (port side).				T			$\top$	
d. Engine Oil Cooler.	V							
e. Engine Oil Filter.	17		1					
f. Intake Manifold.	1			1				
g. Smoke Generation Components.	V							
h. Cold Start Components.	V		1				T	
i. Crankcase Breathers.	1							
3. Transmission Oil Filter.		TV 100	1 12			12/15		· 新国的 · · · · · · · · · · · · · · · · · · ·
a. Mounting Hardware.	1./	1						
b. Leaks.	17	1	1	1			$\top$	
c. Check Electrical Connections.	17	1				1		
4 Engine Oil Level. Check for correct level and signs of contamination. Check dipstick for damage	1	1						
5 Transmission Oil Level. Check for correct level and signs of contamination. Theck fill tabe and dipstick for damage.	1							
<ol> <li>Tachometer Drive Shaft. Check for adapter and cable damage.</li> </ol>	$\bigvee$	, !						PAIOLOGUDE

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NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Ad ust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
<ol> <li>Radiator. Check for radiator damage. Check for water leaks on radiator and coolant tubes.</li> </ol>	$\sqrt{\ }$							
Exhaust System. Check condition of insulation. Check for loose mounting hardware and damaged scavenging system check valve and for leaks.	✓							
<ol> <li>Engine Compartment Exhaust Duct. Check for cracks or other damage. Check mounting hardware and clamps for tightness. Check tubes for proper mounting.</li> </ol>	$\checkmark$							
<ol> <li>Engine. Check overall condition of engine for cleanliness and fuel, coolant, and oil leaks.</li> </ol>	$\checkmark$							
11. Generator				灩	鑵	變		
a. Bracket and Hardware.	1/							
b. Pulley and Belt.	V	i						
c. Adjustment.	1							
d. Voltage Regulator	V							
12. Water Pump. Check for leaks.		10 miles		20	基		靏	
a. Pump.	1							
b. Hoses and Tubes.	1							
c. Belt and Adjustment.	V					T		
<ol> <li>Fire Extinguisher Discharge Nozzle. Check for damage, debris. and condition of safety wire.</li> </ol>	$\checkmark$							
14. Engine Oil Heat Exchanger. Check mounting hardware for tightness. Check for oil leaks. Check electrical leads for damage and tight connections.	V							
<ol> <li>Cold Start Disconnect Lever. Check for proper operation, damage, and corrosion.</li> </ol>								·
16. Hydraulic Reservour	200		· 网络	製	は、高	影響		が の に で に に に に に に に に に に に に に
a. Oil Leaks.	1/		T			T		
b. Mounting Hardware.	1/		1	1				
c. Oil Level.	17		$\top$	1	$\top$	1	1	
d. Dipstick for damage.	1.7	1	$\top$	1	1		1	

1		- 1	-	1				
NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
VII. Troop Compartment								
NOTE								
Before inspecting froop compartment, open								
cargo natches. Soundhorn and lower tamp						蠶		
L. Engine Compartment Access Covers (aff). Cleck all of fluintbscrews and clamps for damage and operation.						1		
Check covers for correct matring and damage.								
a. Aft Upper.	v	20069	WASTERS.	DY TVA	স-জন	.5624 S261	Training.	
b. Aft Center.	;/							
c. Aft Lower.	1							
d. Port Upper.	·							
e. Port Lower.	1							
f. Smoke Generation.	/							
<ol> <li>Smoke Generation Fuel Control Valve. Check to see if valve operates freely. Check for any damaged components and leaks.</li> </ol>	V					7		
3. Engine Compartment Fire Extinguisher	縺	頭	蠶	\$4E	5/15 11/25	李漢	250 250 250 250	
a. Bottle and Tag.		12300		75. 75.55		27.04(2		Tag O
b. Control Valve.	V							
c. Clamps.	V	<u> </u>			-		_	
4. Troop Ventilation Outlets. Check for free movement and damaged louvers.	V							79.2
<ol><li>Coolant Bypass Tube. Check to see if tube is mounted properly in retaining brackets.</li></ol>	V							
- 6. Air Clearer Compartment	鑑	靈	彩	3/4		<b>分談</b>	38	
a. Access Door.	1	1						
b. Retaining Brackets.	V						İ	_
c. Element.			1	İ	<del>i -</del>	V		
d. Compartment.	1/	1						7
Right Angle Drive Access Cover. Rotate weapon station to gain access to cover. Check cover for proper manng and damage.	V							
Starboard Longitudinal Shaft Cover. Check for innuge. Check for loose mounting hardware.	V					1		
Starboard Longitudinal Shaft. Check shaft for damage and coupling for dight mounting sciews and proper sufery wire.	V							

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	    Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
Fuel Tank Drains: Check both valves for proper operation: Check fuel lines and fittings for leaks.  Check manual shufoff valves to make sure the handle.  **The change of the chang								
notates ficely								
a. Internal Fuel Tank Drain.	V							778datimistation 2270-9400 yung majang apag apag apag majaja manana manana dalah 1552 1554 dalah dalah dalah dalah 1552
b. External Fuel Tank Drain.	V	· · · · · · · · · · · · · · · · · · ·	ionus eraunus		**************************************			theliaften hamman uppe, massapan ny sarapany appings of the Alliah Allia
c. Fuel Lines and Fittings.	<b>V</b>			<u> </u>	<u> </u>			
d. Manual Shutoff Valve.	V	عقيد	15/2/2-	- De-71	1-21-02	L Service Const.	rosens.	Page Page 1 and a reference of the control of the c
11 Fuel Tank	17.5				100			
a. Electrical Leads.	V							
b. Leaks.	V			ļ	<u> </u>		_	
c. Retaining Straps.	1		<u> </u>		1			<u></u>
d. Breather Cap.	1/ 50/m²	<b></b>	`चंद्राक्षत्र)ः	7.35	1952	1497-004	- Francis	
12. Troop Seals.	28	-36	195	<b>2</b>			灩	
a. Hinges.	1			-	<u> </u>	-	-	
b. Supports.	V		<u> </u>	<u> </u>	<del> </del>	<del> </del>	-	
c. Seat Pans.	V	ļ	ļ	<u> </u>	-	ـ	_	
d. Cushions.	1	<u> </u>	ļ	<del> </del>	ļ	<u> </u>	<del> </del>	
e. Safety Belts/Straps.	V		<u> </u>	<u> </u>		-		
f. Adjusting Rods.	1							STANDARD THE RESIDENCE OF THE STANDARD
13. Interior Stowage	April G	2002 1000 1000	4 清楚 2 2 V	赤	M 整新 注 (新	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		· 一种的一种的一种的一种的一种的一种的一种的一种的一种的一种的一种的一种的一种的一
a, MG Cleaning Rod Bracket.	<u> </u>	_				1_	<u> </u>	
b. Rifle Brackets.	V							
c. Water Can Supports.	1	L						
d. Seat Stowage Supports.		_	1_	$oldsymbol{oldsymbol{oldsymbol{oldsymbol{eta}}}$	/			Fwd Bottom M
e. DVE Container.	<u> </u>			$\perp$	<u> </u>			
f. Portable Fire Extinguisher Bracket.	1/			1				
g. Paniphlet Stowage Rack.								
h. Ammo Box Bracket.	V	-	T	T				
i. Hand Oller Bracket.	V	T	T					
f. Teel Box Stewage Support.	V		-			T		
14 Power Distribution Box. Check to see if box is securely mounted. Check all electrical connections for tightness. Check cover for tight screws. Check slave output power switch for damage.	V		and between the fact that the second of the					

	1 .						<del></del> ;	
NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	. Remarks MUST be Included if unserviceable.
15. Batteries					38			
a. Battery Box Cover.	V							
b. Holddowns.	V							
c. Cables and Terminals.	1							
d. Battery and Terminal Posts.	1							
e. Battery Box Drains.	V							AND THE RESIDENCE OF THE PROPERTY OF THE PROPE
f. Battery Instruction Plate.	V							
<ol> <li>Radio Guards. Check guards for damage and loose or missing mounting hardware.</li> </ol>	/							
17. Deflector Actuator Guards. Check guards for debris and damage. Check mounting hardware for highliness.	\$25 \$25 \$25	を発す	を発		を は は は は は は は は は は は は は は は は は は は		<b>新期</b>	
a. Port	/	<u> </u>						
b. Starboard.	V	<u> </u>		<u> </u>				
18. Water Steer System Components		2-1-2-2 2-2-2-2	E. 18	2. T.	32-2-3 32-3-3	100 M	100 mg	
<ul> <li>a. Water-Jet Deflector Position Sensing Module (port and starboard).</li> </ul>	V	   						
b. Water-Jet Deflector Servo Module (port and starboard).	V							
c. Water—Jet Deflector Solenoid Module (port and starboard).	V							
d. Actuator Cylinders Port and Starboard.	V							
e. Actuator Bracket Port and Starboard.	V							
19 AFSSS Electrical Components	چېرې پولان ور	- - - - - - -	119, 10 (125, 10) (125, 10)	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		2 - 10 - 10 - 10 - 10 - 10 - 10 - 10 - 10	繣	
a. Sensors/Control Box.	V							
b. Cables.	1							
20. Dome Lights. Check mounting hardware for tightness. Check for broken or cracked lens and knobs. With master switch ON, check lights-for proper operation.			V					Driver's Station dome light inop
21. Aft Slave Receptacle. Check cover and chain for damage. Check insert for corrosion and damage. Check electrical lead for damage and loose connections. Check mounting hardware for tightness.	V							
<ol> <li>Troop Ventilation Outlets. Check for free movement and damaged louvers.</li> </ol>	V							
<ol> <li>Ramp Lock Linkage. Check to see that linkage does not bind. Check for bent or warped linkage tods.</li> </ol>	V	1						

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable
24 Ramp With ramp lowered, check ramp seal for breaks and spongy condition					和關	章 第		
a. Ramp Seal. Check mating with hull in closed								
position.	V		*******	- in the first in the second	-			VZZNZBYZZBARINININININININININININININININININININ
b. Vision Block Cover.	$\sqrt{}$							**************************************
c. Skid Bars	$\sqrt{}$						ļ	
d. Quick-Release (Visual Only).	$\checkmark$							
e. Tow Pintle Release.	V				ļ			
25. Deck Plates	藩		魔	250	· 法			を とうない はん はん はん はん はん はん はん はん はん はん はん はん はん
a. Deck Plates (port and starboard).	$\checkmark$							
b. Center Deck Plate.	V							
c. Contact Cooler Bleeder Valve Access Cover.	V		<u> </u>					
d. Bilge Pump Access Cover (port and starboard).	V		<u>                                     </u>	<u> </u>				
e. Tiedown Rings.	V							
NOTE  Remove troop compartment deck plates before continuing.								
26. Contact Cooler. Check that bleeder valve is not frozen. Check for signs of leaks.					w/			wing nut seized
27. Torsion Bars. Check torsion bars for damage.	1							
28. Ramp Cylinder and Cable.	V			T	1	1		
29. Hydraulic Bilge Pump.	4550	530 250		1	溪	12	<b>1</b>	
a. Bilge Pump.	1	1		Τ				
b. Outlet tube.	ブ	1	1			1		
30. Electric Bilge Pump.			2 4VC		建		黎	
a. Electric Pump.	1							77.7
b. Outlet Tube.	1./	1		1	<del> </del>		1	
31 Bilges Check for cleanliness and obvious signs of damage.	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2						では、	
a. Brackets and Mounting Hardware.	1/	1		T	1	1	T	
b. Discharge Tubs and Nozzles.	1				$\dagger$	$\top$	1	
32. Fire Extinguisher (17 lb).	1		2 3	£		3 2 3	1	
a. Mounting Hardware.	1	7	1	1	1	Ì	$\top$	
b. Discharge Tub and Seal.	1	十	$\top$	1	Ť	1	+	<u> </u>
c. Tag Date	$\top$	1,	十	1	Ť	十	$\dagger$	(
d. Seal	1.	7		T	i	1		
		<del></del>			<del></del>	<del></del>		

	ı	1	-					
NOMENCLATURE/LOCATION	Salisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
33. Personnel Heater.		100	<b>新建</b>	五個	<b>半原</b>		透透	
a. Mounts.	1		(7415	223	25.7	5 4 2 5	247 4.44	
b. Exhaust System and Cover.	<u> </u>		1					seized
c. Electrical Wiring and Switches.	/							
d. Fuel System.	1/							, , , , , , , , , , , , , , , , , , , ,
e. Heater Ducts.	<u>/</u>							
34. Port Longitudinal Shaft Cover. Check for damage. Check for loose mounting hardware.  35. Port Longitudinal Shaft. Check shaft for damage and	<b>高温</b>							
coupling for tight mounting screws and proper safety wire.	/							
36. Radio Mounts.	Halif.	鏧	新兴	凝聚	<b>養養</b>			大学 ないかん かんしゅう かんしゅう かんしゃ
a. Check Mounting Hardware.	/				<u> </u>			
b. Check Radio Mounts.	<b>/</b>	]						
c. Check Radio Cables.	V							
37 EPIRS Rack		100	明 点也	学艺	1.6	<b>学校</b>	45.2	· · · · · · · · · · · · · · · · · · ·
a. Check Mounting Hardware.	V							
b. Check Radio Mounts	V			<u> </u>			· ·	
c. Check Radio Cables.	V				<u> </u>		<u></u>	
VIII. Driver's and Commander's Station	\$2.00 \$2.00		Tal.	1507		200 442 442	25-12-12-12-12-12-12-12-12-12-12-12-12-12-	And the same time of the same time to the same time to the same time to the same time time to the same time time time time to the same time time time time time time time ti
1. Access Covers.		150	整	1	1	1	1	· · · · · · · · · · · · · · · · · · ·
a. Hydrostatic Steer Disconnect Lever.	/		<u> </u>	<u> </u>				
b. Final Drive U–Joint.	V							
c. Hydraulic Reservoir.	/							
<ol><li>Flapper Valve. Check spring tension flapper. Check mounting screws for tightness and damage to flapper.</li></ol>	1							
<ol> <li>Fire Extinguisher (7 lb). Check mounting bracket and hardware for tightness. Check tag for date bottle was last weighed. Check wire seal on control head.</li> </ol>						<b>海</b>		
a. Bracket and Mounting Hardware.	1					T	T	
b. Tag Date.		~		1		1	T	
c. Wîre Seal.	V	1	T					
Ramp Lock Handle. Check handle and lock for damage and proper operation.	V				Way of the second			
<ol> <li>Ramp Control Valve. Check for damage, loose fittings, leaks, and loose mounting hardware.</li> </ol>	V				and a shift or the state of		-	

				<del> ,</del>				
NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Явріясе	Modify	Remarks MUST be Included if unserviceable.
<ol> <li>Fire Extinguisher Discharge Handle, Check handle for damage and unbroken wire seal.</li> </ol>	/							
<ol><li>Power Train Switch. Move lever and check for binding. Check bail for damage.</li></ol>	V							
Mode Selector Switch. Check for missing or damaged toggle switch.	V							
<ol> <li>Handle Throttle. Move throttle and check for proper operation. Check linkage and cover for damage.</li> </ol>	•							
<ol> <li>Gear Selector. Check console for loose mounting hardware for damage. Check movement of selector through all gear range.</li> </ol>	V							
<ol> <li>Air Cleaner Restrictor Indicator. Check for proper mounting to bulkhead. Check indicator for damage.</li> </ol>		·				V		
<ol> <li>Auxiliary Instrument Panel. Check panel for loose mounting hardware. Check that gages are securely mounted in panel, and that hose connections are tight.</li> </ol>	/							missing one sorew
13. Accelerator Pedal.	34.5		1,1	7 14 1 1 18 1	2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	採	स्पृत्य इ.स.स.	Andrews Commission of the Comm
a. Mounting Hardware/Brackets,	1	`						
b. Pedal and Pedal Stop Screw.	7			$\top$		Γ		
c. Water Drive Switch.	1	T	1					The state of the s
<ol> <li>Brake Pedal. Apply and release brakes to check binding.</li> </ol>	V					,		
<ol> <li>Parking Brake Handle. Check for proper operation.         Make sure that parking brake holds and releases properly.     </li> </ol>	V							
16 Steering Wheel Check wheel for damages Check coperation of wheel tilt Check for binding linkage Check steering wheel sensing module for loose mounting hardware or damaged wiring					を開きると			
a. Steering Wheel.	1/	1					1	
b. Steering Wheel Sensing Module.	17	1	1	1	1		1	

	ı i		1	ī		—т	<del></del>	
NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
21. Vent Air Hoses, Tubes, and Duct. Check for loose clamps and mounting hardware. Check for damaged hoses, tubes, and duct.	✓							recensor quantity are an executive and other PPA 274-284 Acres and PPA recension PPA
<ol> <li>Bilge Outlet Tube. Check tube for damage, hoses for cracks, and clamps for tightness.</li> </ol>	$\checkmark$	.,	·					·
23. Instrument Distribution Box. Check that box is securely mounted, and that cover screws are tight. Check all wiring harness connectors for tightness.	$\checkmark$							
24. Forward Slave Receptacle on Instrument Distribution Box. Check cover and chain for damage. Check receptacle for corrosion and damage.	$\checkmark$							
25. Searchlight Switch. Check for damage and operation.	1							
26. Ventilation Air Outlet Valve. Check for loose mounting hardware and damaged cable and handle with ball. Open and close outlet and check for binding linkage.	✓							·
27. Data Plates. Check for damage.	1							
<ol> <li>Manual Fuel Shutoff Handle. Check shaft for damage and grommets for wear. Rotate handle to check for free operation.</li> </ol>			√					Frozen
29. Driver's Seat. Check seat adjustments for proper operation. Check mounting hardware and brackets for damage and tightness. Check seat supports, pan, belt and cushions for damage.								
30. Troop Commander's Seat. Check seat adjustments for proper operation. Check mounting hardware and brackets for damage and tightness. Check seat supports, pan, belt and cushions for damage.	V							
<ol> <li>Interior Decals and Instruction Plates. Check to see that they are readable.</li> </ol>			-	_				
NOTE  At this time all the suppression system bottles are to be pulled and weighed.		<b>新教教教教教教教教教教教教教教教教教教教教教教教教教教教教教教教教教教教教</b>	なない。	ないというないというできる	はは、			
a. Mounting Hardware.	11/			Γ				
b. Discharge Tube and Seal.	1							
c. Tag Date.	Γ	1.7	1	Γ		Τ	Τ	No Tag
d. Seal.	1./	1			1	T		
<ol> <li>Drive Shaft Guards. Check guards for damage and mounting hardware for tightness.</li> </ol>	V							

	r							
NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
17, Indicator Panel. Check mounting hardware and	94£		物性					
grounners for tightness and damage. Check for loose or damaged switches; helps, and buttons.				蘧	<b>多数</b>			
a. Master Switch.	月 月	1	400 E	李統	200	est la fer	Articol Co.	中国主义的
b. Lamp Test/Warning Cancel Switch.	IV				ļ			### A Part of the
c. Horn Bution.	7						<u></u>	
d. Panel Lights Brt/Dim Switch.	./							
e. Cold Start Switch.	/		-			-		
f. Starter Button.	\ \ /		-	-		$\vdash$		
g. Light Switch.	<del>                                   </del>		-	╁	-	-		
h. TACNAV Indicator.	V		<del>                                     </del>		$\vdash$	7	$\vdash$	10 Pins
i. Tachometer.	1./	<u> </u>	-		<u> </u>	IV.		
j. Speedometer.	17	<u> </u>	<del>                                     </del>		1		$\vdash$	
k. Smoke Generation Indicator Light.	. /		1	1			1	
1. Smoke Generation Switch.	1/		<del>                                     </del>	1	1			
nı.Forward Electric Bilge Pump Switch.	1/	<u> </u>		1			$\vdash$	
n. Afr Electric Bilge Pump Switch.	1/	<del>                                     </del>	1	1	1			
c. Afr Electric Bilge Pump Indicator Light.	Ĭ,	†	1		1		1-	
p. Forward Electric Bilge Pump Indicator Light.	1	1	1	$\top$	1	1	$\top$	
q. Aft Hydraulic Bilge Pump Indicator Light.	V	1	1	十		1	T	
r. Forward Hydraulic Bilge Pump Indicator Light.	V		†	╁	1	+	十	
s. Ventilation Switch.	$\frac{1}{\sqrt{2}}$	†	1	╁	┪	+	1	
Driver's Display Unit. Check for cracked glass and moisture. Check that unit is securely mounted in indicator panel.  NOTE		,						
NOTE  Bar scales and warning lights will be checked during the operational portion of preinduction.	\ <u>\</u>							
19. Bow Plane Control Valve. Check for damage, loose nuings, leaks, and loose mounting hardware.	<b>V</b>	1						
20. Vent Air Outlets. Check driver's and commander's outlets for breaks and cracks. Check to see if outlet rotates freely. Check mounting hardware for tightness.		で変数を	を変ける	一人人工工具		の意味がある。	で記述された	
a. Driver's Outlet.	T	1						
5. Commander's Outlet.								

NOMENCLATURE/LOCATION	Sattsfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable,
X. Equipment Operation								
1. Start vehicle, check operation of the following:	33	霾			<b>E</b>	<b>E</b>		
a. Master Switch.	$\sqrt{}$							TOTAL STREET,
b. Horn.	i/							
c. Fuel Level Indicator.	<b>√</b>							
d. Battery Generator Indicator.	$\checkmark$							THE THE SECOND PROPERTY OF THE
e. Electric Bilge Pumps (forward and aft).	$\sqrt{}$							en en en en en en en en en en en en en e
f. Panel Lights (brt/dim).	$\checkmark$							enconcentration of the section of th
g. Display Panel Warning Lights.	V							-
h. Vent Switch Low Position.	<b>V</b>							
<ol> <li>Perform Diagnostic Test Equipment checks in accordance with TM 09674A-25&amp;P/4, (See worksheet at the end of this Appendix).</li> </ol>								
Vehicle Stall Check. With brakes locked, and gear selector in 4th year, accelerate fully and check the following:		が対象を						
a. Brakes.	V							
b. Transmission.		1						
c. Engine. RPM.	V	<u> </u>						2390
<ul> <li>d. TACNAV Indicator. Check that system powers and display works.</li> </ul>								Connection (1)
4. Lights. Check-that lights work properly.			D 多少 新疆疆		を		100	Allegen design since the decimal state of the second
a. Light Switch.						1		
b. Service Drive.	V					l		
c. Dimmer Switch.	1./							
d. Blackout Markers.	1/							
e. Stop Light.	1	1	T	I				
ř. Park.	TV		T					
g. Searchlight.	1							
h. Interior Dome Lights.	T		1,/	/		T		Drivery Station - White
<ol> <li>Driver's Viewer Enhancer (DVE). Check that power system works.</li> </ol>								
Lamp Test Warning Cancel Switch. Check audio signal with proper comm helmet.	\ \	1						

	,				<del></del>	<del></del>		
NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
X Functional Road Test	饕			<b>等</b> 装				
1. Steering. Check operation and drift.	/							
<ol><li>Gear Ranges. Check for slippage and that lockup works properly.</li></ol>	1							
3. Smoke Generation. Check for correct operation.	V							
<ol> <li>Brakes. Check to see if brakes pull to one side or the other.</li> </ol>	V							
5. Speedometer. Check for correct operation.	abla							
6. Noises. Check for any unusual noises.	11							-
XL Water Systems Test	髪	102	100		33	龗		
<ol> <li>Plenums. Check that plenums close completely. Fan shuts off. (Para. 8–13)</li> </ol>	\ <u>\</u>							
Check if hydraulic bilge pumps operation.	V							
Check if electric bilge pumps operate.	1/							
4. Check that jet drive activates at 1000 to 1200 RPM.	11					Π		
5. Bow Plane Operation:	多藝		织		10 提供 注 被拒	1	- Pro-	
<ul> <li>a. Control Valve. Check for proper operation and leaks.</li> </ul>	ų r							
<ul> <li>b. Bow Plane. Check that it fully extends and retracts.</li> </ul>	V	,						
<ul> <li>Pivot Actuator. Check for leaks, unusual noise and smooth operation.</li> </ul>	V							

NOTE

See TM 10004A-25&P/2 for LTI of UGWS Unique Items. See TM 07267B-25&P/4 for LTI of AAVR7A1 Unique Items. See TM 07268B-25&P/2 for LTI of AAVC7A1 Unique Items.

## APPENDIX C

## ASSAULT AMPHIBIOUS VEHICLE UPGUNNED WEAPONS STATION (UGWS), AAVP7A1

## LIMITED TECHNICAL INSPECTION

	specti				(b)(	(3), (	(b)(6)	), (b)(7)(c)
*See Table C-1 for U(	2₩€	Dead	lline	Crit	eria.			_
NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
Basket Weldment			24 · 1		:	क्षा प्रदेश संस्था	472 180	First transfer to the second
Basket Weldnient Clearance.		A LONG						
Area around sides of basket weldment clear of obstructions.								
b. Area around 12 channel slip ring clear of obstructions.								
2. 12 Channel Slip Ring.								
a. Electrical connectors tight and in good condition.	1./						-	
b. Upper portion of 12-channel slip ring rotates freely.								
c. Marual and electrical weapons station operation.	1/							
<sup>3</sup> Power Relay Assembly.	4						-	
a. Box secure to bottom of basket.	V							
b. Electrical connectors tight and in good condition.	1/							
4. Basket inspection								
Seat belt secure, latch working properly, belt in good condition.	/							
b. Stowed items do not overhang basket.								
<ul> <li>Seat in good condition, locks in all height positions, secure in busket assembly.</li> </ul>							-	
Weapons Station Interior							-	
1. Turret Power Control Assembly.								State Congestion of the
a. Box cover secure. Box secure to basket weldment.		/						D 2 Bits
<ul> <li>Electrical connector tight and in good condition.</li> </ul>	1	Ť		T	Ť		ĺ	
2. Weapon Control Assembly.	<u> </u>					T -		
a. Box cover secure. Box secure to basket weldment.	1/				1	1	1	
b. Electrical connector tight and in good condition.	ŤŽ	1	1	$\top$		T	Ť	

NOMENCLATURE/LOCATION	Satisfactory	Missing		Adjust		Replace	ModIfy	Remarks MUST be Included if unserviceable.
3. Traverse Switch Assembly	超了	<b>李紫</b>	6.15 1.15 1.15 1.15 1.15 1.15 1.15 1.15	魏	128	137		
a. Box cover secure to basket weldment.		<b>V</b>	$\sqrt{}$				(	@2 kg/15/Logic
b. Electrical connector tight and in good condition.	/							
4 M36H=TSS Penscope	188	\$ P			鑏		基基	
Mounting Screws. Check screws for security. Check sight is secure to turnet weldment.	$\checkmark$	amazzana e			ennuwennu	eriment error	eranies	
<ul> <li>b. Sight. Check for moisture in window and in mirror.</li> <li>Check condition of glass.</li> </ul>	1							
<ul> <li>c. Sight Eyepieces. Check for moisture, condition of reticles, condition of eye-piece pads, and proper operation.</li> </ul>	$\checkmark$							
<ul> <li>d. Latch Assembly. Check that latch moves freely, and has spring tension.</li> </ul>	$\checkmark$							
e. Hanger Strap. Check for serviceability.	V							
<ol> <li>Head Assembly. Check nuts on head assembly for tightness.</li> </ol>	1							
<li>g. Body Assembly. Check mounting hardware for security and that safety wire is present.</li>								
h. Boresight Knobs – Azimuth and Elevation. Check setting on both knobs and record. Turn each knob. check for smooth movement and shift of sight reticle. Reposition knobs to original settings.	✓							
Sight Power Electrical Connectors. Check that     electrical connectors are in good condition.	V			-				
<ul> <li>j. Check for cracks, dents, burns and chipped paint on housing.</li> </ul>	V	1						·
<ul> <li>k. Check that valve cap is tight and retaining strap is not broken or missing.</li> </ul>	/	1						
<ol> <li>Check that both knobs on elbow assembly move freely from LO to HI position.</li> </ol>	$\bigvee$							
m. Check that lamp holder is tight and packing is installed.	\/							
<ul> <li>n. Check that plug or shutter switch is present. If missing, notify supervisor.</li> </ul>	1							
<ol> <li>Check that all boresight knobs move freely, and scales can be easily read.</li> </ol>	V							
p. Check ID plate for damage and if it can be easily read. If plate cannot be read, notify supervisor.		1						
<ul> <li>q. Check that shutter switch will not move to ON without pushing safety button first.</li> </ul>	$\int_{V}$							
<ol> <li>Check that valve cap strap is not damaged or missing.</li> </ol>	V	1						
<ul> <li>check that all screws are tight on mounting hardware.</li> </ul>	V	/						

	ory		_			<i>a</i> s		Remarks MUST be
NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Included if unserviceable.
<ol> <li>Exhaust Blower. Check for corrosion and debris. Make sure electrical connectors are tight and in good shape. Check operation of blower door.</li> </ol>								
5. So Caliber Ammo Ejection Citute. Check for condition:     and security. Ensure that chine is clear of debris.								
<ul> <li>a. Check ejection-chute hose for security and condition.</li> </ul>								
<ul> <li>b. Spent—Cartridge Box. Check security and condition.</li> <li>Check operation of latches.</li> </ul>	/							
<ol> <li>Equilibrator. Check for corrosion, security and adjustment.</li> </ol>	V							
8. 50 Caliber Ammo Feed System	0.90 200		11.2		1	- Tage		要なながらなった。 では、 では、 では、 では、 では、 では、 では、 では、
a. Check security and condition of .50 caliber ammo rays.	$\checkmark$		,					
b. Check security and condition of roller guides.	1							
9. 40mm Ammo Feed System:	變	饕餮	A5390 A5390 A5380	虃	100	藩	꽳	
<ul> <li>Feed Chute. Check for dents, corrosion and or damage.</li> </ul>	/							
<ul> <li>b. Check feed—chute cover for tears, holes; zipper must move freely. Check attachment points for security and condition.</li> </ul>	V							
c. Check anti-feedback lever for condition and security.	V			Ť				
10. 40nmi Animo Bax Assembly	灪	鬄	3			200	瀍	· · · · · · · · · · · · · · · · · · ·
Check security and condition of box, doors, and flaps.	$\checkmark$							
b. Check operation of latches.	1	1	T	Τ	T	1		
<ul> <li>c. Check that electrical connector on last—round switch is right and in good condition.</li> </ul>								
<ol> <li>40mm Charger Assembly. Check condition and security of charger tube.</li> </ol>	1	/						
12. 40mm Manilet	<u> </u>			135		12 To 12 To 13 To		
a. Check condition and security.	\/	1	1	T	1		T	
b. Check operation of cover latches.	1.7	1		1	$\top$	1	$\top$	
<ol> <li>50 Caliber Mantlet and Cradle. Check condition and security. Check for damage, cracked welds and bare metal.</li> </ol>	\ <u>\</u>	/						
14. Power-Assist Traverse Mechanism. Check for security, condition and leakage. Make sure that electrical connectors are tight and in good condition.		V	\ \ \	/	V	/		@ 1 Bolt/Loa
<ol> <li>Elevation Control Assembly. Check for security and condition.</li> </ol>	ív	/						

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NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
<ol> <li>Gunner's Trigger Switch. Check for security and condition. Check that electrical connectors are tight and in good condition.</li> </ol>								
17. Linkage. Check for security and condition.	1							
<ol> <li>Grenade Launcher Inhibit Switch. Check for security and condition. Check that electrical connector is tight and in good condition.</li> </ol>	V							
<ol> <li>Elevation Interrupter Switches. Check for condition and security. Check that electrical connectors are tight and in good condition.</li> </ol>	<b>√</b>							
<ol> <li>Utility Light. Check that light and electrical connector is secure and in good condition.</li> </ol>								
21. Communications Box		10 mm	鸖			多年 加州	194	
<ul> <li>a. Check that electrical connector is tight and in good condition.</li> </ul>	/					,		
b. Check for security and condition.	/							
22. Weapons Station Inspect for damage, security and clarity.	\$86 \$75 1.55			調から	機類	年 通 を を で こここ		
Vision Blocks. Inspect for damage, security and clarity.	<b>/</b>							
<ul> <li>b. Ring Gear. Inspect for damage and corrosion.</li> <li>Should be clean and no grease.</li> </ul>	/							The state of the s
23. Hấtch	**************************************	\$5-40 5000	瓣		39	额	2.数	
<ul> <li>Seal, Hatch, Hinges. Inspect for damage, loose hardware and proper operation.</li> </ul>	/							
<ul> <li>b. Hatch Latch Check. It should lock the hatch closed, hatch vertical to turret and hatch horizontally open in three positions (15 degrees, 90 degrees and 175 degrees).</li> </ul>	/							
<ul> <li>c. Hatch Handle. Check security, condition and proper operation.</li> </ul>	<b>V</b>							
<ul> <li>d. Crash Pads. Inspect pads on hatch and weapons station for security and condition.</li> </ul>	V							
24. DAGR		1.			7.A	1/3	100	2772
<ul> <li>a. Check that electrical and antenna connections are tight and in good condition.</li> </ul>		V						
b. Check for security and condition.	1	U	1	1	1	<del> </del>	1	

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable,
Weapons Station Exterior				400	200			TOTAL TOTAL THE STREET OF THE STREET
<ol> <li>Receptacle, Spot Light. Inspect for corrosion and damage. Check that cover fits securely and is tight.</li> </ol>	$\checkmark$							
<ol><li>Mount, Spot Light. Inspect condition and security.</li></ol>	$\checkmark$							
Smoke Grenade Launchers	<b>京</b> 生			的A 数据		1939b 1540	18.32 3.72	CONTROL OF THE PROPERTY OF THE
<ul> <li>Tubes. Inspect sight tubes for dents, cracks or corresion, and security to mounts. Check security of mount to turret.</li> </ul>								
<ul> <li>Electrical Contacts. Check that contacts are tight and free of corrosion.</li> </ul>	$\checkmark$							
c. Rubber Caps. Check sight caps for condition.	1							
<ol> <li>Entrance Window. Inspect condition and security. Look for signs of moisture.</li> </ol>	✓							
5. Sight Cover. Inspect condition and security.	1							
<ol> <li>40mm Mantlet Cover. Check for security and condition. Check operation of latches.</li> </ol>	/							
<ol> <li>Remote Antenna. Check security and condition of cover.</li> </ol>	✓							
IV. Functional Tests:	1000 1000 1000 1000	源	急		<b>188</b>		**	
1: Mainial Operation. Check for weapons station binding. and backlash	建装		<b>新疆</b>	5.00 (2) (2) (2) (3) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4				
a. Azimuth. Check movement through 360 degree clockwise and counter-clockwise.								
<ul> <li>Elevation. Check for +45 degree maximum elevation and -8 degree maximum depression.</li> </ul>								
<ol> <li>Powered Systems Test. Vehicle master switch and tirret, power switch ON "Check operation as noted."</li> </ol>								
<ul> <li>a. Control Box Lights. Check that control box lamps light when turret power switch is ON by pressing lamp test all button.</li> </ul>			✓					Smoke Grenade Light (I)
<ul> <li>Domelight. Lights in both blue and white switch positions.</li> </ul>								0.
c. Utility Light. Lights in both red and white,	V							
<li>d. Thermal Elbow Check Only. Ensure the unit shows an image and all controls work.</li>	V	1						
e. Spot Light. Install and check operation.	\/					T		
f. Exhaust Blower. Check operation.								

NOMENCLATURE/LOGATION  "" To be to b									the same of the sa
a. Last-Round Switch OFF. Last-round indicator light on. triggers do not work.  b. Last-Round Switch ON. Last-round indicator lamp light ON, override switch in up position, triggers work.  c. Last-Round Switch OFF. Last-round indicator light OFF. override switch down, triggers work.  4. Weapons Station System: Perform test as prescribed in Section 3.  a. Manual Elevation. Check operation.  b. Deck Clearance. Check clearance of all obstacles. Check all inhibit zones. Weapons electrical trigger will not fire while in inhibit zones.  5. Smoke Grander anacter Test.  a. Tubes. Check that they are clear of grandes.  b. Contacts. Check for 24 volts at eight firing pins inside of tubes on smoke grande launchers. Turret power switches ON, smoke grande switch ON, hatch in closed and locked position and grande firing switch depressed.  6. DAGR Operational Test-Refer to TIM 11—820—1172—137.  a. Check that DAGR is using vehicle power.  c. Check that DAGR is using remote antenna.	NOMENCLATURE/LOCATION "	Satisfactory	Missing						Included if unserviceable.
on. triggers do not work.  b. Last-Round Switch ON. Last-round indicator lamp light ON, override switch in up position, triggers work.  c. Last-Round Switch OFF. Last-round indicator light OFF, override switch down, triggers work.  4. Weapons Station System: Perform test as prescribed in Section 3  a. Manual Elevation. Check operation.  b. Deck Clearance. Check clearance of all obstacles. Check all inhibit zones. Weapons electrical trigger will not fire while in inhibit zones.  5. Smoke Oriende Tanucher Test  a. Tubes. Check that they are clear of grenades.  b. Coulaots. Check for 24 volts at eight firing pins inside of tubes on smoke grenade launchers. Turret power switches ON, smoke grenade switch ON, hatch in closed and locked position and grenade firing switch depressed.  6. DAGR Operational Test Refer to.  IM 11—5820-1172-13  a. Check that DAGR passes self-test.  b. Check that DAGR is using vehicle power.  c. Check that DAGR is using remote antenna.	3 Low Anmo System Test.	瀫	788 1010,	<b>金融</b>	灩	1	400	<b>建</b>	THE STATE OF THE S
light ON, override switch in up position, triggers work.  c. Last-Round Switch OFF. Last-round indicator light OFF, override switch down, triggers work.  4. Weapons Station System: Perform test as prescribed in Section 3.  a. Manual Elevation. Check operation.  b. Deck Clearance. Cbeck clearance of all obstacles. Check all inhibit zones. Weapons electrical trigger will not fire while in inhibit zones.  5. Smoke Grande Lamcter Test.  a. Tubes. Check that they are clear of grenades.  b. Contacts. Check for 24 volts at eight firing pins inside of tubes on smoke grenade launchers. Turret power switches ON, smoke grenade switch ON, hatch in closed and locked position and grenade firing switch depressed.  6. DAGR Operational Lest Refer to TIM 11-5820-1172-33.  a. Check that DAGR passes self-test.  b. Check that DAGR is using vehicle power.  c. Check that DAGR is using remote antenna.									And the second s
OFF, override switch down, triggers work.  4. Weapons Stafion System : Perform test as prescribed in Section 3.  a. Manual Elevation. Check operation.  b. Deck Clearance. Check clearance of all obstacles. Check all inhibit zones. Weapons electrical trigger will not fire while in inhibit zones.  5. Smoke Granade Lamcter Test  a. Tubes. Check that they are clear of grenades.  b. Contacts. Check for 24 volts at eight firing pins inside of tubes on smoke grenade launchers. Turret power switches ON, smoke grenade switch ON, hatch in closed and locked position and grenade firing switch depressed.  6. DAGR Operational Test: Refer to TM 11–5820-4172-137  a. Check that DAGR passes self-test.  b. Check that DAGR is using vehicle power.  c. Check that DAGR is using remote antenna.	light ON, override switch in up position, triggers								Gunner _
a. Manual Elevation. Check operation.  b. Deck Clearance. Check clearance of all obstacles. Check all inhibit zones. Weapons electrical trigger will not fire while in inhibit zones.  5: Smoke Grenade Lanucher Test  a. Tubes. Check that they are clear of grenades.  b. Contacts. Check for 24 volts at eight firing pins inside of tubes on smoke grenade launchers. Turret power switches ON, smoke grenade switch ON. hatch in closed and locked position and grenade firing switch depressed.  6. DAGR Operational Test. Refer to iTM 11-5820-1172-13  a. Check that DAGR passes self-test.  b. Check that DAGR is using vehicle power.  c. Check that DAGR is using remote antenna.	c. Last–Round Switch OFF. Last–round indicator light OFF, override switch down, triggers work.								Switch (1)
b. Deck Clearance. Check clearance of all obstacles. Check all inhibit zones. Weapons electrical trigger will not fire while in inhibit zones.  5. Smoke Grenade Lanucher Test  a. Tubes. Check that they are clear of grenades.  b. Contacts. Check for 24 volts at eight firing pins inside of tubes on smoke grenade launchers. Turret power switches ON, smoke grenade switch ON. hatch in closed and locked position and grenade firing switch depressed.  6. DAGR Operational Tests. Refer to TM 11-5820-1172-13  a. Check that DAGR passes self-test.  b. Check that DAGR is using vehicle power.  c. Check that DAGR is using remote antenna.	<ul> <li>4. Weapons Station System: Perform test as prescribed in a Section 3.</li> </ul>				機器	金	響		
Check all inhibit zones. Weapons electrical trigger will not fire while in inhibit zones.  5. Smoke Grenade Lanncher Test  a. Tubes. Check that they are clear of grenades.  b. Contacts. Check for 24 volts at eight firing pins inside of tubes on smoke grenade launchers. Turrer power switches ON, smoke grenade switch ON, hatch in closed and locked position and grenade firing switch depressed.  6. DAGR Operational Test Refer to TM 11_3820_1172_137  a. Check that DAGR passes self-test.  b. Check that DAGR is using vehicle power.  c. Check that DAGR is using remote antenna.	a. Manual Elevation. Check operation.						<u> </u>		
a. Tubes. Check that they are clear of grenades.  b. Contacts. Check for 24 volts at eight firing pins inside of tubes on smoke grenade launchers. Turret power switches ON, smoke grenade switch ON, hatch in closed and locked position and grenade firing switch depressed.  6. DAGR Operational Test Refer to TM 11-5820-1172-139  a. Check that DAGR passes self-test.  b. Check that DAGR is using vehicle power.  c. Check that DAGR is using remote antenna.	Check all inhibit zones. Weapons electrical trigger	V							
b. Contacts. Check for 24 volts at eight firing pins inside of tubes on smoke grenade launchers. Turret power switches ON, smoke grenade switch ON, hatch in closed and locked position and grenade firing switch depressed.  6. DAGR Operational Tests Refer to TM 11-5820-11/2-137  a. Check that DAGR passes self-test.  b. Check that DAGR is using vehicle power.  c. Check that DAGR is using remote antenna.	5. Smoke Grenade Lamucher Test	# 4000 # 4000	् १-५ ८ <i>र</i> ्थ	7 AS	製物				Table 1 to 1 to 1 to 1 to 1 to 1 to 1 to 1 t
inside of tubes on smoke grenade launchers. Turrer power switches ON, smoke grenade switch ON, hatch in closed and locked position and grenade firing switch depressed.  6. DAGR Operational Test - Refer to TM 11-5820-1172-139  a. Check that DAGR passes self-test.  b. Check that DAGR is using vehicle power.  c. Check that DAGR is using remote antenna.	a. Tubes. Check that they are clear of grenades.	V							
a. Check that DAGR passes self-test.  b. Check that DAGR is using vehicle power.  c. Check that DAGR is using remote antenna.	inside of tubes on smoke grenade launchers. Turret power switches ON, smoke grenade switch ON, hatch in closed and locked position and grenade	V	/						
b. Check that DAGR is using vehicle power.  c. Check that DAGR is using remote antenna.	TM:11=5820-1172-137		2 2 5	を記し	经海子	変素が	を変え	では	
c. Check that DAGR is using remote antenna.			<u> </u>	4			_		
	b. Check that DAGR is using vehicle power.		٠	1					
				1			$\perp$		
d. Check functioning of DAGR screen back lighting.	d. Check functioning of DAGR screen back lighting		<u> </u>	1				$\perp$	

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E08457K ANTENNA ELEMENT: Protective Cap Included: PN A3207497-1 CAGE 80063; c/o	5985-01-376-7934	523519	7	z	29916748	∢	\$36,43	\$72.85	
	5340-01-381-5666	523519	2	z	29916748	∢	\$13.19	\$26.38	
	4010-01-381-1581	523519	7	z	29916748	₹	\$9.31	\$18.62	
	5340-00-586-7579	523519	14	Z	29916748	٨	\$2,89	\$40,46	
ЕО8467К STRAP, Weblying; 30 in. lg; PN 8690471 CAGE 19204	5340-00-753-3742	523519	15	N	29916748	A	\$1,51	\$22.65	
E08467K STRAP, Webbing: 36 in. lg; PN 8690473 CAGE 19207	5340-00-753-3744	523519	6	z	29916748	∢	\$2.18	\$19.62	
	5340-00-339-3768	523519	-	z	29916748	17	\$15.41	\$16.41	
F08467K STRAP, Webbing; 60 in. lg; PN 8690481 CAGE 19207	5340-00-958-6917	523519	2	Z	29916748	4	\$6.23	\$12.46	
E08467K STRAP, Webbing: 72 in. lg.; PN 8690484 CAGE 19207	5340-00-849-8637	523519	9	z	29916748	4	\$6.95	\$41.76	
E08467K STRAP, Webbing: 76 in. lg: PN 8690485 ÇAGE 19207	5340-00-479-2947	523519	:	z	29916748	∢	\$5.84	\$5.84	
E08467X STRAP, Webbing: 84 in. Ig. PN 8690487 CAGE 19207	5340-00-894-9542	523519	7	z	29916748	∢	\$6.78	\$13.56	
E08467k 51RAP, Webbing: 88 in: Ig; PN 8690536 CAGE 19207	5340-00-182-9631	523519	-	z	29916748	∢	\$6.15	\$6.15	
Е08467X. STRAP, Webbing: 100 in. Ig; PN 8690539 CAGE 19207	5340-01-078-3808	523519	1	z	29916748	∢	\$3.09	\$3.09	
Е08467К ВАR, Рлу: 0.3 lb, PN B107. 410 CAGE 05047	5120-01-355-2064	523519	-	z	29916748	<	\$9.95	\$9.95	
E08467K BATTERY, Nonrechargraphe: 1.5 v. "C" celt; for Polican light; PN 14A CAGE 80204	6135-00-985-7846	523519	co	z	29916748	4	\$6.31	\$50.48	
E08467K BATTERY, Nonrechargeable: 1.5 v, "D" cell; for flashlights; PN 13A CAGE 80204	6135-00-835-7210	523519	97	z	29916748	4	\$9.00	\$36.00	
EDB467K DRIFT PIN, Track: PN 2590157-1 CAGE 80064	2530-01-075-8292	523519	1	z	29916748	∢	\$98.54	\$98.54	
E09467K GOGGLES, Industrial: PN 40661-00000-10 CAGE 76381	4240-01-063-5996	523519	1	z	29916748	∢	\$18,37	\$18.37	
E08467K   11015T, Wire Ropu: PN 4000-20 CAGE 93601	3950-01-071-1746	523519	-	z	29916748	∢ .	\$265.46	\$265.46	
E08467K KMIFE, PULLY: PN 5120-00-221-1536 CAGE 80244	5120-00-221-1536	523519	1	z	29916748	∢	\$5.11	\$5.11	
E08467K 1 - LAMP, Incandescent: 2C-2V filament; 28v; G6 bulb; 1.438 in, Ig; PN AA52463-A09 CAGE 88536	6240-00-019-3093	523519		z	29916748	A	\$0.34	\$0.34	
E08467K LUBRICATING GUN, Hand: PN 1142 CAGE 1PLS7	4930.00.253-2478	523519		z	29916748	<	\$11.67	\$11.67	
Е08467К ОН.Ев. Hand: PN A50477-AS-D-D CAGE 58536	4930-00-262-8868	523519		Z	29916748	∢	\$6.47	\$6.47	
	5340-00-682-1508	523519	1	Z	29916748	¥	\$7.83	\$7.83	
	\$120-00-234-5224	523519	1	z	29916748	Ą	\$20,36	\$20.36	
	6220-01-486-3602	523519	1	Z	29916748	A	\$763.09	\$763.09	
	5120-01-378-4933	523519		z	29916748	∢	\$31.25	\$31.25	
E08467K SOCKET, Socket Wrench: 1-1/8 in., 3/4 dr; PN LDH362 CAGE 55719	5120-01-378-5543	523519	1	z	29916748	A	\$16.90	\$16.90	
-	5140-00-106-5671	523519	1	Z	29916748	ď	\$10.64	\$10.64	
-	5120-00-227-8074	523519	-1	z	29916748	∢	\$4.57	\$4.57	
HANDLE, Socket Workle 1/2 ht de souf; bigged; 19 000 in hy next; PN 13 06 00 13 CACH AAG64	5120-405-216-25040	523519	-	z	29916748	∢	\$13.27	\$13.27	
E00467X 1 - 50CKET, 50cKet Wrench: 15/16 in, wr surf; 1.300 in, od; inti-intj; 1/2 in, dr surf; 1.20 pt wr surf; 1.700 in, lg; PN	5120-00-189-7935	523519	-	z	29916748	4	\$2.64	\$2.64	
E08467X WRENCH, Adjustable: 18 in. 18; 2.062 wr surft; PN 8107.8 CAGE 05047	5120-00-340-1414	523519	-	2	29916748	∢	\$65,11	\$65,11	
EOSGG/K WRENCH, Box: 3/8 in, wr surf; 7/16 in, wr surf; offset; 12 pt wr surf; PN XB1214A CAGE 55719	5120-01-349-1383	523519	-	z	29916748	4	\$9.50	\$9.50	
EUGNOVA AN ENNA ELEMENT: Protective Cap included; PN A3207497-1 CAGE 80063; c/o	5985-01-376-7934	523519	7	z	29916748	∢	\$36.43	\$72.86	
	4010-01-381-1581	523519	2	×	29916748	∢	\$9.31	\$18.62	
	5120-01-428-7911	523519	F-1	z	29916748	4	\$1.37	\$1.37	
	5120-01-428-7920	523519	ı,	Z	29916748	∢	\$1.37	\$1.37	
	5120-01-428-8003	523519	1	z	29916748	∢	\$2.81	\$2.81	
	5340.00-753-3742	523519	7	N	29916748	Α	\$1.51	\$3.02	
E08467K STRAP, Webbing: 36 in.; PN 8690473 CAGE 19207	5340-00-753-3744	523519	4	Z	29916748	A	\$2.18	\$8.72	
	5340-00-339-3768	523519	2	Z	29916748	Ą	\$1.41	\$2.82	
	5340-00-958-6917	523519	σı	z	29916748	¥	\$6.23	556.07	
E08467K STRAP, Webbing: 84 In.; PN 8690487 CAGE 19207	5340-00-894-9542	\$23519	80	z	29916748	∢	\$6.78	\$54.24	
E08467X STRAP, Webbing: 114 in.; PN 8690494 CAGE 19207	5340-00-134-3196	523519	1	z	29916748	٨	\$3.56	\$3.56	
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## LIMITED TECHNICHAL INSPECTION

DATE: 25250413

PUF POSE OF LTI: JLTI		SERVICE REQUES	ST: 29916532	)
RESPONSIBLE UNIT: 30 A	t & J N	SET SERIAL: SZ	3445	
NOMENCLATURE: AAV D	741	TAMN: EO84	67K NSN: L7	56-01-457-7415
NOMENCLATURE	. NIIN / P/N	SERIAL	QTY DEF	REMARKS
IRANSMISSION	01-463-1066	37220808 145082E	CODE	
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DEFECT ( SL-8 COMPLETE: YES/(NO) MODS VERIFIED: (E) / NO LAST PMCS DATE: 202007	CODES: S-SERVICAE	BLE U-UNSERVIC	ABLE M-MISSIN(	â
COMMENTS:				
	COND	ITION CODE: F	( LIATER IDE	>< \
TIBY PRINT/SIGN DATE: 20200717		(b)(3), (b)(6), (b)(7	(')(c)	
-		-		ENCLOSURE (48)

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ASSAULT AMPHIBIO LIMITED TECHN	OUS VEHICLE (AAV7A1)							
MODEL (CIRCLE ONE)	REF	ERENCES						
(AAVP7A1)	TM 09674A-25&P/4	TM 8F152B-25&P						
AAVC7A1	TM 07267B-50	•						
AAVR7A1	TM 07268B-25&P/2							
TAC NO. 3-11-04	MILES 1195							
U.S.M.C. NO. 573445 HOURS 757								
HULL NO. BAM-Y-003								
ENGINE NO. 3777 0808								
TRANSMISSION NO. A.508ZE	10 1 20 00000 1 1 1 1 1 1 1 1 1 1 1 1 1							
INSPECTOR'S NAME/RANK/SIC	NATURE	DATE INSPECTED						
(b)(3), (b)(6), (b)(7)(c)		70263413						
NOTE: The following inspection sheets are divided into seven columns. The inspector will place a <i>check</i> in the column which best describes the condition of the item being inspected. For those items that cannot be inspected for any reason, the inspector will make an appropriate annotation in the remarks column.								

ENCLOSURE (41)

	$\overline{}$							
NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
I. Outside of Vehicle (Forward and Port)	- 150	教育	\$2.50 \$2.50	100 M	<b>强烈</b>			
Hull Forward End. Check for damage and bare metal.								
2. Towing Eyes: (Para: 8-33)		4200 2004	発表する			被 被	を調整	
a. Port.	$\checkmark$							
b. Starboard.	Z							
3. Headlights. (Para, 11–32)	7 多5。 3.特殊	生 存得的	2000 to 1000 t	新的 表示	が発	聖職	表说 更新	
a. Port.	V							
b. Starboard.	Z				1		<u> </u>	
c. Headlight Guards.	$\overline{\mathcal{N}}$	İ						
4. Bow Plane: (Para. 10-14)	1 49	(A)						
a. Hinges and Mounting Hardware. (Para. 10-17)	J							
b. Bow Plane. (Para. 10-17)	$\overline{\mathcal{L}}$							
c. Hydraulic Tubes and Fittings. (Para. 10-16)	17							
d. Pivot Actuator. (Para. 10-18)				Ĺ				·
5. Hull Port Side: Check for damage and bare metal.						100		
a. Armor Piercing Protection Plates Kit (APK). (Para. 16–26a)	V							
b. Steps. (Para, 16-29)								
- c. Slope Rack Kit (SRK). (Para. 8-49)		1_						
d. Stowage provisions. (Para. 16-37)					Ĺ			
e. Fairings. (Para, 16-28)	<b>-</b>							
f. Standoff Brackets. (Para. 16-27)	V							
g. Hull Bosses. (Para. 16-36)	1/						<u> </u>	
<ol> <li>Port Track Shroud. Check for loose mounting hardware and damage. (Para. 16-28)</li> </ol>	V							
7. Port Final Drive. (Para. 7–18)			4	2 5	- 100		VA SE	
a. Outer Housing.		/						
b. Bolts.	T.	/						
8. Port Sprocket Carrier. Check for loose mounting hardware and damage. (Para. 7–16)								
9. Port Sprockets. (Para. 7–16)			1					
a. Inner.	1,7	/					Ţ	
b. Outer.	1,	7						

	ory							
NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
11: Port Track" (Para 7=7). Use track wear gage to measure wear. Mark each miserviceable frack shoe.								
a. Track Shoes.	:/							
b. Track Pads.							(	M 5
c. Track Pins.								
d. Track Wear.	1							
e. Track Adjustment.	7							An activities of the second se
12. Port Road Wheels and Hibs (Para 7-12).  Circle those numbers which are unserviceable.		<b>海南</b>		A ST			學學學	
a. Road Wheel Cracks/Damage. 1 2 3 4 5 ó	./							
b. Road Wheel Wear Rings. 1 2 3 4 5 6	<b>/</b>							
c. Hub Oil Leaks. 1 2 3 4 5 6	V							
d. Hub Oil Level. 1 2 3 4 5 🜀								Contaminated
e. Mounting Hardware. 1 2 3 4 5 6	V							
13. Port Support Arms. (Para. 7–13)  Circle those numbers which are unserviceable.  1 2 3 4 5 6	\ <u></u>							
14. Port Torsion Bars (Para 7–13)  Circle those numbers which are unserviceable.			き					And the second s
a. Torsion Bars. 1 2 3 4 5 6	V	,						
b. Retaining Screws. 1 2 3 4 5 6	1				_			
15. Port Shock Absorbers. (Para. 7-11)					# 3/2 	. 3 2		the state of the s
a. No. 1 Shock								
b. No. 2 Shock.								
e. No. 3 Shock.	K							,
d. No. 4 Shock.	V							
e. Mounting Hardware.	L							
16. Port Front Single Support Roller. (Para. 7-14)	S -37	# 7# **	i f	<b>95</b> , 12,	0# to a	A 45	* *	· · · · · · · · · · · · · · · · · · ·
a. Support Wheel Cracks/Damage.								
b. Hub Oil Leaks.	V							
c. Hub Oil Level.	1~	/				$\perp$		
d. Mounting Hardware.	$\perp$	1	_L					

				·····	·			
NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be included if unserviceable.
17. Port Dual Support Roller (Para 7–15)	727	<b>38</b>	646 646		100 E 2000	指導		
a. Support Wheel Cracks/Damage.								ACCOUNTS OF THE PROPERTY OF TH
b. Hub Oil Leaks.	1./							
c. Hub Oil Level.								
d. Mounting Hardware.	V							
38. Port Rear Single Support Roller. (Para. 7–14)	经额	蘊		1	\$ 121		1	
a. Support Wheel Cracks/Damage.	1/	a contraction of	- SCHLINGS					ayanggangay amanih ana dan anar irranda anakada anakada ahadi daliki kisi (20) (20) (20) (20) (20) (20) (20) (2
b. Hub Oil Leaks.	./							<u></u>
c. Hub Oil Level.	1							
d. Mounting Hardware.	1/							
19. Port Slap Guard. (Para. 7–10) Check for wear and loose mounting hardware.	/							
20. Port Idler Wheel and Hub. (Para 7-9)	193	连	1/8/2 1/8/2	22.	2004	京等	製造	Parties of the Color of the Col
a. Idler.	17							
b. Outer Wheel.	V							
c. Inner Wheel.	V							
d. Mounting Hardware.	1/							
e. Oil Level.	17	1	T					
21. Port Track Tension Adjuster. (Para. 7-8)	10 (12): 10 (12):		蒙			13	100	
a. Track Adjuster Support.	1	1						and medical state of the state
b. Track Adjuster.	17	1					Г	
c. Bleeder Valve.	11/							
d. Grease Fitting.	V			1				
<ol> <li>Port Anode. (Para. 8–53) Check for tightness of mounting screw. Make sure there is no paint on anode.</li> </ol>	/							
23. Port Midships Bearing. (Para. 9–18) Check for signs of leaks.	/							
24. Drive Shaft. (Para. 9-17) Check for signs of damage.	1,/		T	T	1	T	T	
25. Footman Loop. (Para. ) Check for weld cracks.	17	1	1	T	-	1	1	
26. Port Handrails. (Para. ) Check for weld cracks.	1./	1	1	1		1		
27. Port Cargo Hatch Supports (Para )	¥ 175	ý ∵±A	1 12	er ist		1	1 1	22 March & Carlos No.
a. Forward Support.	1.	/	1	$\top$	+	+	1	<u> </u>
b. Aft Support.	1,/	/		T	+-	1	$\dagger$	
28. Fuel Tank Pressure Relief Valve and Outlet Cover. (Para.) Check cover and mounting screws for damage Check relief opens.	V							
29. Check fuel filter cap. (Para.)		1	1		T	$\top$	$\top$	
		<del>'</del>			<del></del>	-		<u></u>

	<del></del>					,		
NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
30. Stowage Brackets. Check for weld cracks.	./							damidamiddilidadaa qaaygggaa aasaqaa qoggayayaa aasaa qaasaqaa qaasaa qaasaqaa qaasaa qaasaa qaasaa qaasaa qaa
31. Bilge Pump Outlets.	類於 發素		鄒	斯 多學	122	<ul><li>3.3基</li><li>2.3基</li></ul>		
a. Hydraulic Pump Outlet.								A CONTRACTOR OF THE CONTRACTOR
b. Electric Pump Outlet.	V		-					
32. Personnel Heater Exhaust Outlet.	1		学新 透製			10 mg	ANGE 高文	
a. Outlet Cap.	7/					*********		
b. Outlet Adapter.		1						in the Control of the
33. Exterior Fire Extinguisher Pull Handle	瘳こ		7	1	恋	<b>等差</b>	题: 10 (1)	
a. Handle.								
b. Wire Seal.								
<ol> <li>External Fuel Tank Drain. Check plug for tightness and leaks.</li> </ol>	$\checkmark$							
35. Port Deflector. Check for warping and cracks.  Check mounting hardware for tightness and damage.	V					,		
36. Port Reverse Flow Duct. Check for damage and tight mounting hardware.	1		,					
37. Fuel Tank Pressure Relief Valve Outlet Cover. Check cover and mounting screws for damage.								
38. Port Propulsion Unit. Check unit for damage and mounting hardware for tightness. Rotate driveshaft to check for free movement of impeller.	/							
L Outside of Vehicle (Aft and Starboard)		爱	葉	F-12-	2.00	公理	200	
1. Taillighis was a second of the company of the co		A	7.0	No.	26.5		\$ in the second	
a. Port Taillight.	1/	133.002.	1 27.5	7.2.	1		2.07	The state of the state with a state of the s
b. Starboard Taillight.	1				1	1	T	
c. Taillight Guards.	1./		T			1		
Horn. Check for loose mounting hardware, corrosion, and proper electrical connections.	V							
<ol> <li>Tow Cable Stowage Brackets. Check for cracked or bent brackets.</li> </ol>	V							
4 Towing Pintle. Check for loose mounting hardware. Check pintle for free rotation and proper quick-release operation.	V							
5. Ramp Plugs. Check for tightness.	17		1	1	T	1	T	
c Ramp Hinges and Towing Eyes. Check mounting bardware for tightness.	V							

NOVENOLATIVE A CONTION	Satistactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
NOMENCLATURE LOCATION								
Vision Block and Guard.     a. Vision Block Guard.	746e	では、	3.74%	<b>東部</b>	改變 高解			ANTERNA DE LA COMPANSA DEL COMPANSA DE LA COMPANSA DEL COMPANSA DE LA COMPANSA DE LA COMPANSA DE LA COMPANSA DE LA COMPANSA DE LA COMPANSA DE LA COMPANSA DE LA COMPANSA DE LA COMPANSA DE LA COMPANSA DE LA COMPANSA DE LA COMPANSA DE LA COMPANSA DEL COMPANSA DE LA COMPANSA DEL COMPANSA DE LA COMPANSA DEL COMPANSA DE LA COMPANSA DE LA COMPANSA DE LA COMPANSA DE LA COMPANSA DE LA COMPANSA DE LA COMPANSA DE LA COMPANSA DE LA COMPANSA DE LA COMPANSA DE LA COMPANSA DE LA COMPANSA DE LA COMPANSA DEL COMPANSA DE LA COMPANSA DE LA COMPANSA DE LA COMPANSA DE LA COMPANSA DE LA COMPANSA DE LA COMPANSA DE LA COMPANSA DE LA COMP
b. Vision Block.	<u> </u>							MANAGEMENT TO THE STATE OF THE
8. Personnel Harch	が	5 HBS	(1988)	李華	<u> </u>	際電	物戀	
a. Personnel Hatch Handle (inner and outer).	200	2002		が可	多數	を変	<b>多</b>	
b. Personnel Hatch Seal.	V							
	$\frac{}{p}$	1			<u> </u>			Maketar Karak Berek terat talah perpenyang annasan annasan teratu dan dan dan dan dan dan dan dan dan dan
c. Hook and Damper.	<b>W</b>				<u> </u>	<u> </u>		
d. Mounting Hardware.	$\sqrt{}$	<u> </u>	<u> </u>	<u> </u>				
<ol><li>Starboard Deflector. Check for warping and cracks. Check mounting hardware for tightness and damage.</li></ol>	$\searrow$							
10. Trailer Receptacle	¢-147	圖	盤	纖	146			
a. Cover.								
b. Retainer Chain.	V							
<ol> <li>Starboard Reverse Flow Duct. Check for damage and tight mounting hardware.</li> </ol>								
<ol> <li>Starboard Propulsion Unit. Check unit for damage and mounting hardware for tightness. Rotate drive shaft to check for free movement of impeller.</li> </ol>	✓							
13. Drive Shaft. Check for signs of damage.	\ <u>/</u>			1	1		T	
14. Footman Loop. Check for weld cracks.	1	7		T		Τ		Challen middle Michael Challen (1994)
15. Starboard Idler Wheel and Hob.	篡		3,1° 3,2°	123	1 13	1	7000 2000 2000	
a. Idler.	V	1				Τ		
b. Outer wheel.	v	1		T				
c. Inner wheel.	V	1				T		
d. Mounting Hardware.	V					1		
e. Oil Level.	1,/	1				Т		
16. Starboard Track Tension Adjuster	( ) ( ) ( )		# <b>6</b> %			談		は 大学の音がある。 大学のを 大を 大を 大を 大を 大を 大を 大を 大を 大を 大
a. Track Adjuster Support.	V	′	T	1				
b. Track Adjuster.	1./	1		$\top$		$\top$	$\top$	
c. Bleeder Valve.	ľ		1	$\top$		$\top$	$\top$	
d. Grease Fitting.	V				1	1	$\top$	
17. Starboard Anode. Check for tightness of mounting screw. Make sure there is no paint on anode.	V	7						
18. Starboard Midships Bearing. Check for signs of leaks.	1	/	$\top$	$\top$	$\dagger$	+	1	

-	NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
	19 Starboard Road Wheels and Hubs Check flose	34. 52.						数数 多数	
	numbers which are unserviceable	<b>*</b>				1. T.	李謇	30	
	a. Road Wheel Cracks/Damage. 1 ② ③ 4 5 6	$\sqrt{}$							Slightly Cracked
	b. Road Wheel Wear Rings. 1 2 3 4 5 6								
•	c. Hub Oil Leaks. 1 2 3 4 5 6	$\sqrt{}$							
-	d. Hub Oil Level.	./							
•	e. Mounting Hardware. 1 2 3 4 5 6								
•	20. Starboard Support Arms. Circle those numbers which are unserviceable.  1 2 3 4 5 6								
	21. Starboard Torsion Bars. Check for broken bar and loose retaining screws. Circle those numbers which are unserviceable.  1 2 3 4 5 6	√							
	22. Starboard Shock Absorbers.						7		
	a. No. 1 Shock	1							
	b. No. 2 Shock	J							
	c. No. 3 Shock	7			T -				
	d. No. 4 Shock	V							
	e. Mounting Hardware.	V							
	23. Starboard Front Single Support Roller.	2012 (地方	<b>吳</b> 第68	瓣	9			盏	
	a. Support Wheel Cracks/Damage.	J			T				
	b. Hub Oil Leaks.	1/		T		Π			
	c. Hub Oil Level.		1						
	d. Mounting Hardware.	\_/	1		1.				
	24, Starboard Dual Support Roller.	12.5	11.5	- 45	120 e	7 - 41 12 - 41	N 49.3		
	a. Support Wheel Cracks Damage.	V	1			1			
	b. Hub Oil Leaks.	1./	-		T			Π	
	c. Hub Oil Level.		1	T				T	
	3. Mounting Hariware.	1,/		1				T	
	25. Starboard Rear Single Support Roller.	T	1	T -	T		1		•
	a. Support Wheel Cravits Damage.	1	1	1	T			T	
	— t Hob Cu Leaks	17			1				
	e. Hab OL Level	V							
	в Моставу Нагическ	V	<u> </u>						

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
<ol> <li>Starboard Slap Guard. Check for wear and loose mounting hardware.</li> </ol>								
27. Starboard Track. Use track wear gage to measure		電が	深類				机型制度 数定据编度	
a. Track Shoes.	$\checkmark$				***********			
b. Track Pads.	$\checkmark$			-AMERICAN PROPERTY	111111111111111111111111111111111111111			
c. Track Pins.	√			HALL PARTY.				Marie and the second se
d. Track Wear.	1/							Set to the
e. Track Adjustment.								100 mg
28 Startoard Sprocket Rings		拉黎	anny Sylva	1987.	虁			THE RESERVE OF THE PARTY OF THE
a. Inner.	1							
b. Outer.	1							
<ol> <li>Starboard Sprocket Carrier. Check for loose mounting hardware and damage.</li> </ol>								
30. Starboard Final Drive		* なな	- 報	<u>基</u> 验		<b>P</b>	## S	
a. Outer Housing.	1/							
b. Bolts.								
<ol> <li>Starboard Side Pontoon. Remove drain plug and check for water.</li> </ol>	/							
<ol> <li>Starboard Track Shroud. Check for loose mounting hardware and damage.</li> </ol>	1							
33. Starboard Bilge Pump Outlets.	الله الله الله على		4		1			
a. Hydraulic Pump Outlet.	1/			1		$\top$	T	
b. Electric Pump Outlet.	1					1	1	
34. Stowage Brackets. Check for weld cracks.	V	T	1	1	T			
35. Heater Exhaust Outlet. Check for loose mounting hardware and damage.								
36. Starboard Cargo Hatch Supports	1193			8 0.3 E 2.3	# (일) # (일)	100 A		
a. Forward Support:	1.7	1		1			1	
b. Aft Support.	1,	1	T		1	1	$\top$	
c. Hand Rails.	Ť	1	$\top$	$\top$	1	$\top$	1	
37. Footman Loop. Check for weld cracks.	Ť	1	1	T	$\dagger$	$\dagger$	+	

		- 1						
NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
38. Starboard Side Hull. Check for damaged and bare		38	**	1875 1875				
<u>metal</u>			<b>2</b> 44		3	- E		
a. Armor Piercing Protection Plates Kit (APK). (Para. 16–69a)	./							
b. Steps. (Para. 16–72)		1	•					2 steps
c. Slope Rack Kit (SRK). (Para. 16-73)	1							
d. Stowage provisions. (Para. 16-81)	✓							
e. Fairings. (Para. 16-71)	./							
f. Standoff Brackets. (Para. 16–70)	$ \sqrt{} $							
g. Hull Bosses. (Para. 16–80)	7						ĺ	
III. Bottom of Vehicle			200	TEXE 医洗	350	200		<b>新加州</b>
Hull. Check bottom of vehicle for damage.	V						-	
Dram Plugs Check for missing, tight, or damaged plugs		1000	談院	100mm (100mm) (100mm	22	· · · · · · · · · · · · · · · · · · ·		The second secon
a. Hull.	<b>V</b>							
b. Ramp.	1							
c. Contact Cooler.	V							
IV. Outside of Vehicle (Topside)	35.7	峡		碧	5	177	<b>3</b>	
<ol> <li>Hand Rail (forward). Check for weld cracks or other damage.</li> </ol>	1							
2 Mooring Cleats/Lifting Fixfures. Check for damage. (Para 8-34)	· 1000000000000000000000000000000000000	- 編 - 編 - 数		· 并有 · 计 · 计 · 计 · 计 · 计 · 计 · 计 · 计 · 计 ·	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			
a. Forward (port and starboard).	1							
b. Aft (port and starboard).	\ <u>\</u>							
Intake Grille     NOTE     NOTE     Make sure intake grille is secured properly     in raised position.								
a. Screen.	1	1_				ţ		
b. Brace Rod.	1	/						
c. Cam Lock Handles Stop Screws.	y,							
d. Torsion Bar Assembly. (Para. 8–17)	V							
e. Mounting Hardware.	V							
f. Seal.	0/	T		Τ	Ī	T		
<ul> <li>Ventilater—Aspiranto Theoretisat valve works progesty and inter-screen is richal and not semiaged. (Para: 8–18)</li> </ul>		/	-					
5 Raumitor Cover and Cup. Theory vallence cover for dumage and softiator map for proper sealings. (Parall 8-14)	\$ 1	/				The state of the s		

								•
NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
<ol> <li>Center Plate. Check sealing surface for tight fit and retaining screws for tightness.</li> </ol>				,				
7 Exhaust Grille: (Para: 8-14)  NOTE  Make sure that exhaust grille is secured properly in the raised position.								
a. Screen.	1							
b. Seal.	V							**************************************
c. Brace Rod.								
d. Laigs (dogs).	/						_	
e. Mounting Hardware.								
8. Plenum Indicators.		100 m	100			疆	<b>建设</b>	
a. Intake.	7	-19.720	Select.	er gest	* #E 17%	466-37	estail.	
b. Exhaust.	V							
<ol><li>Searchlight Mount and Receptacle. Check for damage.</li></ol>	1							
10. Driver's Hatch		3 S	3 A	10.75 201	71-71- 21-71- 31-71-	- - 		
a. Cover and Hinges.	1	( 7, 2)		- 10			- 4FE(1.7)	· 表现,可以各种的现在分词,并且对于严重的最终的。这个人是一个人,是是这个人
b. Torsion Bar.	1.							
c. Latches (open and closed).	7							
d. Seals and Pads.	1				_	-		
e. Vision Blocks.	,		7					Rusty-selled
f. DVE Adapter Assembly.								1103.9 - SEILLO
<ol> <li>Periscope and Support. Check periscope for breaks and chips and support for damage.</li> </ol>	V.	,						
12 Commander's Hafch		- Aug	***	257	瓣	202	交叉	
a. Cover and Hinges.	1	- S-1000	4 al 7 fri	- PARSE	大地里	- Sept.	1000年	<b>建聚中产品的产品的产品的产品</b>
b. Torsion Bar,	1,/							
c. Latches (open and closed).	17					-		
d. Seals and Pads.	\ <u>\</u>				-	-	<del> </del>	
e. Vision Blocks.	1	-		$\vdash$	-		-	
13. External Exhaust system. Check the external muffler, muffler guard, for damage and operation.	V				- 35 75 75			
a. Muffier.			-		-	1	- 10-	
b. Guard.	17		1	<u> </u>		1		
C. Parks Champ	ŤŻ	<u> </u>	1		-	<del>!</del>	1	

			<del>}</del>		<del></del>	·I		
NOMENCLATURE; LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
14. Ventilation Exhaust Outlet. Check ballistic cover for damage and tight retaining screws. Check screen for damage.	$\checkmark$					100		
15. Overhead Protection Kit (OPK).			- 1					ti tii ti ti ti ti ti ti ti ti ti ti ti
a. OPK Tiles.	٠,/							
b. Torsion Bar Assist Mechanism (TBAM) Cover.	Ŋ					مسدن ويرب	×. =2/1/2m2m2m2m	and the second s
c. TBAM.	V	Element Report			The state of	A.W.I.I.Z		10 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
ó. Bosses.								
16. Cargo Hatches.					,			1
a. Covers and Hinges.					-			
b. Torsion Bar.	7							
c. Latches (open and closed).	$\checkmark$							
d. Seals.	1							nd, memorynografyn (fyrill Clin Inst.). Cyndd dyd a ei genell a clin a clin ei il doeseldaeth Constitut a blida
17. Autenna Mounts.								
a. Receiving Mount.	<b>V</b>							
b. Port Sending Mount.								
c. Starboard Sending Mount.	W							
d. PLRS Antenna Mount.	V							
e. DACT Antenna Mount.	1							
<ol> <li>Sea Tow Quick—Release. Check assembly for damage and proper operation.</li> </ol>	<b>V</b>							
V. Engine Compariment (Forward)							1 2	
Forward Bulkhead, Bow Pod Access Cover, and Bow Pod.      NOTE      Make sure intake grille is properly secured in raised position.								
a. Bow Plane Velocity Fuse Valves.	17		1		-	1		
b. Bow Pod Access Cover.	17	Ì	T	1			1	
c. TACNAV sensor.	1	1	-	1	-	+	十	
2 Intake Plenum Actuating Cylinder.	<del>                                     </del>	1	1	<del>                                     </del>	+-	1	1	
a. Cylinder.	1	1	-	-	1	1	-	
b. Hydranlic Hoses.	Ť	1	1	-	-	-	1	
Cam Roller Lock. Check condition of each latch roller.	1.	<del> </del>	1	1	<u> </u>	1-	1-	

NOMENCLATURE, LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
4. Cooling Fan.	132		李蒙	***			70.70 2416	Birth 1997 and Carlo Sept. Sep
a. Guard.	V							
b. Shroud.	1							
c. Fan,	1						,	W 500-00
d. Bearings,	1	ĺ						
e. Belt Adjustment.	1					WING THE REAL PROPERTY.		2000;1999;259;1944;1944;1944;1949;269;264;1945;2745;1942;25;265;1944;260;260;260;
f. Seals.	1							
g. Fan Cartridge Bearing.	1							
h. Drain Tube.	17	6		<b> </b>				
5. Surge Tank			1 1 10 ye 480 ye	250 100 100 100 100 100 100 100 100 100 1		₩/¥	N.S	
a. Tank.	1							Parameter (1997) 1997 (1997) 1997 (1997)
ð. Valve.	1							
c. Hose and Tubes.	1							
d. Mounting Hardware.	1		<u> </u>					
6. Crew Ventilation.				T			7.9	
a. Ducts. Clamps, and Hoses.	1							
b. Drain Tube.	1	Ī						
7. Control Linkages.				1			7	
a. Brake Linkage.	1			ĺ				
b. Steering Linkage.	1							
c. Throttle Linkage.	<b>\</b>		İ			ĺ	T	
d. Brake Flood Control Valve Linkage.  NOTE  Make sure flood valve spindle moves freely.	/							
e. Engine Compartment Exhaust Fan Linkage.	$ \checkmark $		ļ					
<ol> <li>Transmission Mounts. Check mounts for loose mounting hardware. Check transmission guide and guide rollers for damage.</li> </ol>	<b>√</b>							
9. Electrical Wiring and Connections.		İ		T				
a. Bulk Head Connectors.	1/	1	1	1	<u> </u>	Ť		,
b. Power Plant Wiring.	17		T			1	1	
c. Crew Vent Fan.	1	1	1	†	i	1	1	
d. Electrical Bilge Pump.	1		T	1	<del> </del>	-		
<ol> <li>Hydrostatic Steering Disconnect Levet. Check lever for correct operation, damage, and wear. Check for leaks.</li> </ol>								

	NOMENCLATURE/LOCATION	Satlsfactory	Missing	Service	Adjust	Repair	Replace	Modify	Included if u	MUST be nserviceable.
7:	11. Port Final Drive.		<b>计图</b>		疆		麶		整字子表现	
	a. Oil/Oil Levei.	,/	,							
	b. Oil Leaks/Seals.	1								
	c. Mounting Hardware.	V								
	d. Speedometer Adapter/Cable.	$\checkmark$								
- Care	<ol> <li>Port U-Joint. Check for wear, tight screws, and proper safety wiring.</li> </ol>	/							.,	
	<ol> <li>Port Hydraulic Bilge Pump. Check for oil leaks, loose mounting hardware, damaged screen, and debris.</li> </ol>	1								
4	14. Bilge Pump Bypass Valve. Check for oil leaks, loose mounting hardware, and damaged electrical connections.	/								
	<ol> <li>Plenum Solenoid Valve. Check for oil leaks, loose mounting hardware, and damaged electrical connection.</li> </ol>	<b>V</b>								ż
•	Bow.Plane Hydraulic tubes. Hoses and Fittings.     Check for leaks, loose fittings and loose mounting hardware.	1								···
	17. Fuel Manifold. Check for fuel leaks and loose mounting hardware.	/								
_	<ol> <li>Forward Engine Compartment Fire Extinguisher Discharge Nozzle. Check for damage and debris.</li> </ol>	1								
	19. Port Lateral Drive Shaft. Check shaft for damage and coupling for tight mounting screws and proper safety wire.	/								
	<ol> <li>Port Right Angle Drive. Check oil level. Check mounting hardware for looseness. Check for signs of leaks.</li> </ol>	/			-				,	
: .	21. Slarboard Final Drive		月			· 2			<b>建型链型点</b> 。	
	a. Oil/Oil Level.	V						T		
_	b. Oil Leaks/Seals.	1					T			
	c. Mounting Hardware.									
	22. Starboard U-Joint. Check for wear, tight screws, and proper safety wiring.			V					safety	NIC
	23 Starboard Lateral Drive Shaft. Check shaft for damage and coupling for tight mounting screws and proper safety wire.	/				The same and the s				
	24 Starboard Electrical Bilge Pump. Check screen for debris and damage. Theck mounting hardware for againsess.	<b>V</b>			(1)					

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NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
<ol> <li>Precleaner. Check cleaner for damage, loose mounting hardware, and loose clamps. Check screen for damage and debris.</li> </ol>	/							
<ol> <li>Crew Ventilation Fan. Check mounting hardware for looseness. Check ducts and clamps for damage and tightness.</li> </ol>	<b>~</b>							
<ol> <li>Starboard Right Angle Drive. Check oil level. Check mounting hardware for looseness. Check for signs of leaks.</li> </ol>	8		<b>V</b>					arccosoll.
28. Starboard Right Angle Drive Shaft. Check condition of shaft coupling for damage. Check coupling bolts for tightness and proper safety wire.	ſ							
<ol> <li>Fan Drive Shaft. Check shaft and coupling for damage or wear. Check safety wire for damage.</li> </ol>	1							· · · · · · · · · · · · · · · · · · ·
30. Fûel Filter		:09	N.	<b>高</b> 對	200	超		
a. Fuel Leaks.	7		7.1	A- 45A	-250035	14 C.780	-5,-±9%-	CONTROL OF THE CONTRO
b. Drain Cock/Contamination.	7							
c. Electrical Leads;Transducer.	/				<u> </u>		-	
d. Mounting Hardware/Air Valve.	1,7	<u> </u>	V	<b></b>		]		
- 31: Power Takeoff Unit	農業	下位 開門		#55 3889			10	
a. Oil Leaks.	1		n-den	7740	1.36537	420	स्टब्स्	A Service and an ending above transported and the Alifornia.
b. Mounting Hardware.	Ü			-			-	
c. Electrical leads/Connections,	1	-	<u> </u>			-		
<ol> <li>Starter. Check that starter is mounted properly. Check electrical leads and connections for damage and proper connections.</li> </ol>	1							
<ol> <li>Transmission Oil Cooler. Check for oil and water leaks. Check electrical leads and connections for damage. Check oil lines, hoses, and clamps for tightness.</li> </ol>	/							
<ol> <li>Exhaust Manifold (starboard side). Check for cracks, holes, and corrosion. Check mounting hardware for tightness.</li> </ol>	1							

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NOMENCLATURE/LOCATION	Sattsfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be included if unserviceable.
35 Transmission: Check for overall cleaniness and damage.		多种的				编集		
a. Leaks.	V							
b. Torque converter to engine mounting screw for tightness.	1							
c. Range selector valve for leaks and safety wire.	1							
d. Oil Leaks.	1					***************************************		anning nga nguyang nguyang nguyang nguyang nguyang nguyang nguyang nguyang nguyang nguyang nguyang nguyang ngu
<ul> <li>e. Left and right brake and steer sections for leaks and loose mounting bolts.</li> </ul>	1							
f. Check brakes for proper adjustment.	1							
g. Check transmission drain line for leaks, damage, and loose drain plug.	<b>√</b>	1						
VI. Engine Compartment (Aft)	쪻	11/2	鑟		199		動機 2012	Applications of the second second second second second second second second second second second second second
Exhaust Plenum. Check actuating cylinder and oil lines for leaks. Check condition of plenum seal.	<b>V</b>							
2. Components Bolled on to the Engine "Check for light mounting hardware, proper electrical connections, damaged hoses and electrical leads; and leaks."				2000年		を を を を を を を を を を を を を を		
a. Turbocharger.	V			Ī				
b. PT Pump.	iv/	1						
c. Exhaust Manifold (port side).	~	1						
d. Engine Oil Cooler.	1							
e. Engine Oil Filter.	1							
f. Intake Manifold.	<							
g. Smoke Generation Components.	1							
h. Cold Start Components.	V							
i. Crankcase Breathers.	\ \	7						
3. Transmission Oil Filter.	å 3. 4 ≤	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		第二十分 第二十分	75		* \$ \$ * 2	
a. Mounting Hardware.	V							
b. Leaks.	V							
c. Check Electrical Connections.	.,							
<ol> <li>Engine Oil Level. Check for correct level and signs of contamination. Check dipstick for damage.</li> </ol>	W	/						
<ol> <li>Transmission Oil Level. Check for correct level and signs of contamination. Check fill tube and dipstick fo demage.</li> </ol>	Ŧ \	/						
<ol> <li>Tachometer Drive Shaft. Check for adapter and cable damage.</li> </ol>	7	/				-		

_		- 1	$\neg$		i		1		
	NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be included if unserviceable,
•	<ol> <li>Radiator. Check for radiator damage. Check for water leaks on radiator and coolant tubes.</li> </ol>	<b>√</b>							and this re-wish chall? Sixther day volume measurements of numbers were very prove very
-	Exhaust System. Check condition of insulation. Check for loose mounting hardware and damaged scavenging system check valve and for leaks.	<b>V</b>							
•	<ol> <li>Engine Compartment Exhaust Duct. Check for cracks or other damage. Check mounting hardware and clamps for tightness. Check tubes for proper mounting.</li> </ol>	√							PPPPS 9 10 10 10 10 10 10 10 10 10 10 10 10 10
_	10. Engine. Check overall condition of engine for cleanliness and fuel, coolant, and oil leaks.	√							د
7	11. Generator	蘇	18	700	李	验	쵏	100	
	a. Bracket and Hardware.	$\overline{\checkmark}$							
-	b. Pulley and Belt.	1							. 9. 10 high
٠	c. Adjustment.	1		1	J				SAIN MEETING
	d. Voltage Regulator	1		<del>-</del> -	<u> </u>	-			
	12. Water Pump. Check for leaks.	187	9/32 7/34	WEAR.	- 新春	接			
•	a. Pump.	V					35/15-	20,000	A STATE OF THE PROPERTY OF THE
•	b. Hoses and Tubes.	V							
•	c. Belt and Adjustment.	$\checkmark$							
	<ol> <li>Fire Extinguisher Discharge Nozzle. Check for damage, debris, and condition of safety wire.</li> </ol>	./							The state of the s
·	14. Engine Oil Heat Exchanger. Check mounting hardware for tightness. Check for oil leaks. Check electrical leads for damage and tight connections.	1							
	<ol> <li>Cold Start Disconnect Lever. Check for proper operation. damage, and corrosion.</li> </ol>	.1							
	16. Hydraulic Reservoir.	艦	123	急			魏	藥	A STATE OF THE STA
	a. Oil Leaks.	Ø	7	1	T				Hudrolerk from Rumphundle
	b. Mounting Hardware.	V	1		1		1		The state of the s
	c. Oil Level.	٣		7	1	+-	1	1	Empty
	d. Dipstick for damage.	1	1	† <u> </u>	1	$\top$	1	1	
		1 , 4	1	1	ــــــــــــــــــــــــــــــــــــــ			<u>1</u>	<u> </u>

ALLES 27

			· · ·				- 1	
NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
VIL Troop Comparment 1			<b>100</b>					
NOTE  Before inspecting troop compariment, open cargo natches. Swindston and lower ramp.								
11 Stripine Companion Access Covers (air) Check all Interest and clamps for damage and operation.  Check covers for correct mating and damage.								
a, Aft Upper.	seites	(355¢)	30900	SPEC.	) N ((S=)	1	Train:	
b. Aft Center.	i/			<del>                                     </del>	-			
c. Aft Lower.	1			-		<del>                                     </del>		
d. Port Upper.	1							
e. Port Lower.	1							-
f. Smoke Generation.	V							
<ol> <li>Smoke Generation Fuel Control Valve. Check to see if valve operates freely. Check for any damaged components and leaks.</li> </ol>	V							
3. Engine Compartment Fire Extinguisher.	24	遲		12 A 12 A	(E)	装	数	
a. Bottle and Tag.	V							Tag (D)
b. Control Valve.	1/							
e. Clamps.	V							
Troop Ventilation Outlets. Check for free movement and damaged louvers.	V							
<ol> <li>Coolant Bypass Tube. Check to see if tube is mounted properly in retaining brackets.</li> </ol>	V	-						
6. Air Gemer Compartment		靈			- 750 - 355 - 355		150	
a. Access Door.	./		Τ		1			-
b. Retaining Brackets.	1./	1				Τ		
c. Element.	1./	4	T	T			Τ	the state of the s
d. Compartment.	V							
Right Angle Drive Access Cover. Rotate weapon station to gain access to cover. Check cover for proper mating and damage.	1						-	
8 Startsoard Longitudinal Shañ Cover. Check for damage. Check for loose mounting hardware.	V	, !						
Starboard Longitudinal Shaft. Check shaft for damage and coupling for right mounting screws and proper safety wire.	V	1	-					

ENCLOSURE (48)

NOMENCLATURE/LOCATION	Satlsfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
10 Fuel Tank Drains. Check both valves for proper operation. Check fuel lines and fittings for leaks. Check manual shutoff valves to make sure the handle rotates freely.								
a. Internal Fuel Tank Drain.		独名						
b. External Fuel Tank Drain.	V			warana			**************************************	Zamana — при при при при при при при при при при
c. Fuel Lines and Fittings.	1/							
d. Manual Shutoff Valve.	V							
11 Fuel Tank		<b>美華</b>			<b>30</b>		14 Care	
a. Electrical Leads,		要接	**************************************	444	4 775	Links	3.83	A STATE OF THE PROPERTY OF THE
b. Leaks.	_							
c. Retaining Straps.		ļ				<del>,</del>	-	
d. Breather Cap.	1/							
12. Toop Seats.	極	44	<b>100</b>	夢	凝鍵	甏		
a. Hinges.	V	5.E	38/2	(VE-9)		1984	20 mg/s	<b>新疆中华中国1300年的</b>
b. Supports.	1/				-	-		
c. Seat Pans.	1/	-				<u> </u>	<del>                                     </del>	
d. Cushions.	7					_	<u> </u>	
e. Safety Belts/Straps.	1	<u> </u>						
f. Adjusting Rods.	1/	1			<u> </u>		<u> </u>	
13. Interior Stowage	5.7.0	145	Sec.	学系	1.5c	ASSESSED	薬	
a. MG Cleaning Rod Bracket.	/							
b. Rifle Brackets.	. /	1						
c. Water Can Supports.	/							
d. Seat Stowage Supports.	1./					$I^-$	<del>                                     </del>	
e. DVE Container.		1				╅		
f. Portable Fire Extinguisher Bracket.	1			T		<u> </u>	1	
g. Pamphlet Stowage Rack.	V	1						-
h. Ammo Box Bracket,	/				1	T		
i. Hand Oiler Bracket.	1./	·					1	
j. Tool Box Stowage Support.	V		<del>                                     </del>		-	T	1	
14. Power Distribution Box. Check to see if tox is securely mounted. Check all electrical connections for ugittness. Check cover for tight screws. Check slave output power switch for damage.	V							

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
15. Batteries				鱊			灩	
a. Battery Box Cover.	-							
b. Holddowns.	./							
c. Cables and Terminals.	اسمعا							
d. Battery and Terminal Posts.	~							
e. Battery Box Drains.	/							
f. Battery Instruction Plate.	1/							
<ol> <li>Radio Guards. Check guards for damage and loose or missing mounting hardware.</li> </ol>	./							
17. Deflector Actuator Guards. Check guards for debris and damage. Check mounting hardware for tightness.	10 mg	"" "" "" ""	<b>松</b>	編	· · · · · · · · · · · · · · · · · · ·			
a. Port	1/							
b. Starboard.	1/							
18. Water Steer System Components.	* (1 ***********************************	疆	100 miles	44	(£5)	34)4 3493 3493 3493		
<ul> <li>a. Water-Jet Deflector Position Sensing Module (port and starboard).</li> </ul>	1							
<ul> <li>b. Water-Jet Deflector Servo Module (port and starboard).</li> </ul>	./							
c. Water-Jet Deflector Solenoid Module (port and starboard).	1/							
d. Actuator Cylinders Port and Starboard.	1./							
e. Actuator Bracket Port and Starboard.	1./							
19. AFSSS Electrical Components			3 20 - 20 - 5	179	, i		シス	Berger - State Comment of the Commen
a. Sensors Control Box.	V							
b. Cables.	V	1						
20. Dome Lights. Check mounting hardware for tightness. Check for broken or cracked lens and knobs. With master switch ON, check lights for proper operation.	V							
21 Aft Slave Receptacle. Check cover and chain for damage. Check insert for corrosion and damage. Check electrical lead for damage and loose connections. Check mounting hardware for tightness.	~	,	The state of the s					
<ol> <li>Troop Ventilation Outlets. Check for free movement and damaged louvers.</li> </ol>	V	1						
13 Samp Lock Linkage. Check to see that linkage does not buil. Check for bent or warped linkage rods.				J	1			

								· <del></del>
NOMENCLATURE/LOCATION	Sattsfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
24 Ramp: With ramp lowered, check ramp seal for breaks and sponsy condition.								
a. Ramp Seal. Check mating with hull in closed		-	7.25		ine resp.	J. 20 J. 20		The contract to the contract of the contract o
position.					٠,			
b. Vision Block Cover.								
c. Skid Bars								General photography agreement and the second
d. Quick-Release (Visual Only).	/							i Makeminennia musika kantaka kantaka kantaka kantaka kantaka kantaka kantaka kantaka kantaka kantaka kantaka ka
e. Tow Pintle Release.	/	į						
25. Deck Plates.	200		報	138	<b>通道</b>		题	
a. Deck Plates (port and starboard).	1							
b. Center Deck Plate.	V							
c. Contact Cooler Bleeder Valve Access Cover.	1,/	1						
d. Bilge Pump Access Cover (port and starboard).	1							
e. Tiedown Rings.	1							
NOTE  Remove troop compartment deck plates before continuing.								
<ol> <li>Contact Cooler. Check that bleeder valve is not frozen.</li> <li>Check for signs of leaks.</li> </ol>	./							
27. Torsion Bars. Check torsion bars for damage.	IJ		<del>                                     </del>	1	T			The Control of the Co
28. Ramp Cylinder and Cable.	1	$\dagger$	1	╁	1			
29. Hydraulic Bilge Pump.		(일() ( - 제)	· 注题	130	122	1	The fi	The second second
a. Bilge Pump.	1		1	1		.,,,,,,,		
b. Outlet tube.	V	1		1	İ	1		
30 Electric Bilge Pump								
a. Electric Pump.		1	12. 1.A=1.7			1	51.0.35	The state of the s
b. Outlet Tube.		1	$\top$	1	1	╁┈	十一	
31. Bilges. Check for cleanliness and obvious signs of damage.								
a. Brackets and Mounting Hardware.	. /	1						
b. Discharge Tubs and Nozzles.	\ <u>\</u>	1		$\top$	+	1	1	
32. Fire Extinguisher (17 lb).						1 23		4
a. Mounting Hardware.	17			+	-	1	1	
b. Discharge Tub and Seal.	11	<del>-</del>		+-	<del></del>	1	1	
c. Tag Dete	iV			<del></del>		1	1	
5 Sem		V		+-			-	
مستند مقدمة والمراجعة المناط والمنط المراجعة المناطعة والمنط المناطعة والمنا	·V		;	arra arani J	: : :			i

							-	
NOMENCLATURE/LOCATION	Salisfactory	Missing	Service	Adlust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
33. Personnel Heater.	1785 1785	1.3	意	<u>2</u> .42 ₽+	<b>"</b>	語	製	
a. Mounts.	/							A STATE OF S
b. Exhaust System and Cover.	V				$\dagger$			
c. Electrical Wiring and Switches.	V				<del>†</del>			
d. Fuel System.	7:			_		-		and the same of th
e. Heater Ducts.	1/							endermontensionale Miller Desirie in interiori and and advantification of the State Company o
34. Port Longitudinal Shaft Cover. Check for damage.  Check for loose mounting hardware.	**************************************	10000000000000000000000000000000000000				電影響		
<ol> <li>Port Longitudinal Shaft. Check shaft for damage and coupling for tight mounting screws and proper safety wire.</li> </ol>	w							
36. Radio Mounts.	%.8∰ ¥#**;	E SE	更能 對於	100	1 電影	19.00 19.00	<b>F</b>	· · · · · · · · · · · · · · · · · · ·
a. Check Mounting Hardware.	./							
b. Check Radio Mounts.	1							
c. Check Radio Cables.	1/		Γ					
37. EPLRS Rack		1.5	F. 6	257 177	- 13-54 13-54	7.5		· · · · · · · · · · · · · · · · · · ·
a. Check Mounting Hardware.	V				T			
b. Check Radio Mounts	V	1						
c. Check Radio Cables.	U	1						
VIII. Driver's and Commander's Station	67	- 35		<u>.</u> د د د	19. <u>1</u> 15	्र इ.स. ५५ इ.स.	120 120 210 210 210	
1. Access Covers.		1	煌		6. 30% 5.57	· 李	₽7c	(1) 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
a. Hydrostatic Steer Disconnect Lever.	V							
b. Final Drive U-Joint.	V	1						
c. Hydraulic Reservoir.	V	+						
<ol><li>Flapper Valve. Check spring tension flapper. Check mounting screws for tightness and damage to flapper.</li></ol>	V							
<ol> <li>Fire Extinguisher (7 lb). Check mounting bracket and a hardware for highliness. Check tag for date bottle was last weighed. Check wire seat on control head.</li> </ol>	は記載され	10 PER 10		がある。		が開発され	TO THE PARTY OF TH	
a. Bracket and Mounting Hardware.	V					T	$\prod$	
b. Tag Date.		V	1		-			
c. Wire Seal.	1	1					T	
4 Ramp Lock Handle. Check handle and lock for damage and proper operation.	V							
<ol> <li>Ramp Control Valve. Check for damage, loose fittings, leaks, and loose mounting hardware.</li> </ol>	V	1					The same of the sa	

	······						1		
NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.	
<ol> <li>Fire Extinguisher Discharge Handle. Check handle for damage and unbroken wire seal.</li> </ol>	J								
<ol> <li>Power Train Switch. Move lever and check for binding. Check bail for damage.</li> </ol>									
Mode Selector Switch. Check for missing or damaged toggle switch.	/								
<ol><li>Handle Throttle. Move throttle and check for proper operation. Check linkage and cover for damage.</li></ol>					11/	_			
<ol> <li>Gear Selector. Check console for loose mounting hardware for damage. Check movement of selector through all gear range.</li> </ol>	" ~								
<ol> <li>Air Cleaner Restrictor Indicator. Check for proper mounting to bulkhead. Check indicator for damage.</li> </ol>									
<ol> <li>Auxiliary Instrument Panel. Check panel for loose mounting hardware. Check that gages are securely mounted in panel, and that hose connections are tight.</li> </ol>	V						-	: •	
13. Accelerator Pedal	(4) 5 (4) 5 (4) 6	44	7, 1, 15 3, 7, 4,	834 617	444 Age	- 1	\$2.50 \$2.50 \$3.50	and Color Co	
a. Mounting Hardware/Brackets.	v					-			
b. Pedal and Pedal Stop Screw.	-						·		
c. Water Drive Switch.	U								
<ol> <li>Brake Pedal. Apply and release brakes to check binding.</li> </ol>	./								
<ol> <li>Parking Brake Handle. Check for proper operation.         Make sure that parking brake holds and releases properly.     </li> </ol>	1/								-
16 Steering Wheel Check wheel for damage. Check operation of wheel fill. Check for funding linkage. Check steering wheel sensing module for loose mounting hardware or damaged winning.		Lavarda Timo and		神の神の神の神の神の神の神の神の神の神の神の神の神の神の神の神の神の神の神の	神の動物		· · · · · · · · · · · · · · · · · · ·		
- Housing haitware of Manuages while a second	1. 金融	7 3 35	3.773	42.5	S SECTION	25-35-4	350	在一个大型的企业的企业,可以在1000mm,在1000mm,	
a. Steering Wheel.	1./	2 記憶	1/23		e design		1950	1. 國際中華中國的國家政府的海岸東部國家政府的 # 100 -	- ea

	,	,						
NOMENCLATURE/LOCATION	Satlsfactory	Missing	Service	Adjust	Repair	Replace	Wodity	Remarks MUST be Included if unserviceable.
17. Indicator Panel. Check mounting hardware and grommets for fightness and damage. Check for loose								
or damaged switches, lights, and halfons								
a. Master Switch.	/	- Hitchies	Sec.	-1863/ASS	- Maring Art	.स्टॉन्स	12435	de Servicia de April de Maria de La Companya de Companya de Companya de Companya de Companya de Companya de Co
b. Lamp Test/Warning Cancel Switch.	1,/				1044	<i></i>		0277778#Bibbd7on#FIIIomb4TIIoddofdd#Llenwbibd7BibdTIIIddfofZoddofnonddfXXXanlenwfdtXXXAndenwfd
c. Horn Button.	ĬŽ							
d. Panel Lights Brt/Dim Switch.	1. /							
e. Cold Start Switch.	1./	<del> </del>	<del> </del>					:
f. Starter Button.	1.7		-					
g. Light Switch.	1/							
h. TACNAV Indicator.	1/							
i. Tachometer.		1						
j. Speedometer.	17	1						
k. Smoke Generation Indicator Light.	1,/		İ	İ			<u> </u>	
1. Smoke Generation Switch,	17							
m.Forward Electric Bilge Pump Switch.	17	İ						
n. Aft Electric Bilge Pump Switch.	1/							· · · · · · · · · · · · · · · · · · ·
c. Aft Electric Bilge Pump Indicator Light.	1,/	1			Ì			
p. Forward Electric Bilge Pump Indicator Light.	1/	Ì						
q. Aft Hydraulic Bilge Pump Indicator Light.	1/							
r. Forward Hydraulic Bilge Pump Indicator Light.	1	1						The second secon
s. Ventilation Switch.	1	1						
<ol> <li>Driver's Display Unit. Check for cracked glass and moisture. Check that unit is securely mounted in indicator panel.</li> </ol>	*.	/						
NOTE  Bar scales and warning lights will be checked during the operational portion of preinduction.								
<ol> <li>Bow Plane Control Valve. Check for damage, loose fittings, leaks, and loose mounting hardware.</li> </ol>								
20. Vent Air Outlets. Check driver's and commander's outlets for breaks and cracks. Check to see if outlet rotates freely. Check mounting hardware for tightness				Mark Control	5.0			
a. Driver's Outlet.	1	1			Ī		Ī	1
o Commander's Outlet.	10	7	1				1	

				.			<del></del>	
NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	 Remarks MUST be Included if unserviceable.
21. Vent Air Hoses, Tubes, and Duct. Check for loose clamps and mounting hardware. Check for damaged hoses, tubes, and duct.								
<ol> <li>Bilge Outlet Tube. Check tube for damage, hoses for cracks, and clamps for tightness.</li> </ol>	$\sqrt{}$							
<ol> <li>Instrument Distribution Box. Check that box is securely mounted, and that cover screws are tight. Check all wiring harness connectors for tightness.</li> </ol>								
24. Forward Slave Receptacle on Instrument Distribution Box. Check cover and chain for damage. Check receptacle for corrosion and damage.	<b>√</b>							
25. Searchlight Switch. Check for damage and operation.	$\sqrt{}$							
26. Ventilation Air Outlet Valve. Check for loose mounting hardware and damaged cable and handle with ball. Open and close outlet and check for binding linkage.	<b>/</b>							
27. Data Plates. Check for damage.	1							
<ol> <li>Manual Fuel Shutoff Handle. Check shaft for damage and grommets for wear. Rotate handle to check for free operation.</li> </ol>	$\checkmark$							
29. Driver's Seat. Check seat adjustments for proper operation. Check mounting hardware and brackets for damage and tightness. Check seat supports, pan, belt and cushious for damage.	V							
30. Troop Commander's Seat. Check seat adjustments for proper operation. Check mounting hardware and brackets for damage and tightness. Check seat supports, pan, belt and cushions for damage.	V							
<ol> <li>Interior Decals and Instruction Plates. Check to see that they are readable.</li> </ol>	V							
32 Fire Extinguishers (MFSS and AFSSS)  NOTE  At this time all fire suppression system bottles are to be pulled and weighed.	を発表した。	が経済をある。	主要の意思を行うない。	を は の の の の の の の の の の の の の の の の の の	生物を対するという。		を 一	
a. Mounting Hardware.	1.7	7		$\top$		$\top$		
b. Discharge Tube and Seal.	1	1	$\top$		$\top$	1	$\top$	
c. Tag Date.	1	Ţ,	7	1	+	十	1	No Tou
d. Seal.	1.	/   ~	1	1	i	$\top$		
<ol> <li>Drive Shaft Guards. Check guards for damage and mounting hardwore for tiphtness.</li> </ol>	\ \	1	-					-

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NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
IX Equipment Operation								
1 Start vehicle, check operation of the following:		製						
a. Master Switch.	$\checkmark$							777
b. Horn.								Horn (I)
c. Fuel Level Indicator,	$\sqrt{}$							Schrift and Schrift Burger
d. Battery Generator Indicator.	$\sqrt{}$	***************************************						
e. Electric Bilge Pumps (forward and aft).	$\sqrt{}$							
f. Panel Lights (brt/dim).	$\checkmark$							
g. Display Panel Warning Lights.	$\sqrt{}$					<u> </u>		
h, Vent Switch Low Position.			<u> </u>					
<ol> <li>Perform Diagnostic Test Equipment checks in accordance with TM 09674A-25&amp;P/4, (See worksheet at the end of this Appendix).</li> </ol>								
Vehicle Stall Check. With brakes locked, and gear selector in 4th gear, accelerate fully and check the following:      a. Brakes.			1 2 10	· · · · · · · · · · · · · · · · · · ·	1000			
b. Transmission.			-			_		<u> </u>
c. Engine. RPM.	<u>N</u> /		<del> </del>	-	-		-	7.490
d. TACNAV Indicator. Check that system powers and display works.								12.990
4. Lights Check that lights work properly.	45		# # # # # # # # # # # # # # # # # # #	猛	- 15-15 - 25-13 - 25-13		T.E	And the second of the second o
a. Light Switch.	1	1	1					
b, Service Drive.	KZ		1					
c. Dimmer Switch.	1./	1	1				1	
d, Blackour Markers.	1,/							
e. Stop Light.	17	T	T		T	1	1	
f. Park.	1.7	Ť	Τ	T	T	T		
g. Searchlight.	17	İ		1		1		
h. Interior Dome Lights.	K	1	1			1		
<ol> <li>Driver's Viewer Enhancer (DVE). Check that power system works.</li> </ol>	V							
Lamp Test Warning Cancel Switch. Check audio signal with proper comm helmet.	V	1						

	NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
X. Fu	nctional Road Test					2		蒙	
1.	Steering. Check operation and drift.								
2.	Gear Ranges. Check for slippage and that lockup works properly.	. /							
3.	Smoke Generation. Check for correct operation.	./							
4.	Brakes. Check to see if brakes pull to one side or the other.	. <i>J</i>							
5.	Speedometer. Check for correct operation.	Ĵ							
ó.	Noises. Check for any unusual noises.	J							
XL W	ater Systems Test	ىدەن ئىرىدۇر ئىرىدۇر		20 CM	· 記述	<b>企</b>	鹰	讂	AMERICAN CONTRACTOR CO
1.	Plenums. Check that plenums close completely. Fan shuts off. (Para. 8–13)			/					Hydro Siren Wor
2	Check if hydraulic bilge pumps operation.			1			Ī		
3.	Check if electric bilge pumps operate.	V		Г					
4.	Check that jet drive activates at 1000 to 1200 RPM.			1					ACNI MOTOR & ONLY H
5.	Bow Plane Operation:	藝術	9.5	Į.	\$100 \$100 \$100 \$100	(25 p.)	200	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
	<ul> <li>Control Valve. Check for proper operation and leaks.</li> </ul>								Hydro Suterinop
	<ul> <li>b. Bow Plane. Check that it fully extends and retracts.</li> </ul>			V					
	<ul> <li>c. Pivot Actuator. Check for leaks, unusual noise and smooth operation.</li> </ul>			V					

#### NOTE

See TM 10004A-25&P/2 for LTI of UGWS Unique Items. See TM 07267B-25&P/4 for LTI of AAVR7A1 Unique Items. See TM 07268B-25&P/2 for LTI of AAVC7A1 Unique Items.

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#### APPENDIX C

# ASSAULT AMPHIBIOUS VEHICLE UPGUNNED WEAPONS STATION (UGWS), AAVP7A1

### LIMITED TECHNICAL INSPECTION

TAC No. $3 - 1 - 0 + 0$ USMC No. $5 - 0$	/ Z	14	4	5	Mi	les	C	15 Hours 252
Inspected 70200413 Ins	specto	)			(b)(	3), (	b)(6)	, (b)(7)(c)
*See Table C-1 for UC	?¥¥	Deac	ilme	Cmr	eria.			
NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
I. Basket Weldment	返	, L	24 T	F x034; 50,4,15	政策 大型	7. <del>5.</del> 0	の変	The second secon
Basket Weldment Clearance.								
<ol> <li>Area around sides of basket weldment clear of obstructions.</li> </ol>								
<ul> <li>b. Area around 12 channel slip ring clear of obstructions.</li> </ul>								
2. 12 Channel Slip Ring.								
<ol> <li>Fli-ctrical connectors tight and in good condition.</li> </ol>								
b. Upper portion of 12-channel slip ring rotates freely.	\/			]				
c. Maranal and electrical weapons station operation.	V							
Power Relay Assembly.								
a. Box secure to bottom of basket.	V							
<ul> <li>b. Electrical connectors tight and in good condition.</li> </ul>	1				Ì			
4. Basket inspection								
<ul> <li>a. Seat belt secure, latch working properly, belt in good condition.</li> </ul>	<b>\</b>							
b. Stowed hems do not overhang basket.	V					ļ		
<ul> <li>c. Seat in good condition, locks in all height positions, secure in basket assembly.</li> </ul>	V							
II. Weapons Station Interior					T	1		
1. Turret Power Control Assembly.				Ť		<b> </b>	<b>T</b>	
a. Box cover secure. Box secure to basket weldment.	V	1./	1				1	(M) 2 Bolts
p. Electrical connector tight and in good condition.		7			ĺ	T	1	
1. Weapon Control Assembly.	1	1		-	-	T	1	

a. Box cover secure. Box secure to basket weldment.b. Electrical connector tight and in good condition.

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
3. Traverse Switch Assembly.		21.85 2.85	<b>多</b> 200 成位	USE TO	de W			
a. Box cover secure to basket weldment.	1./					1,135,141		Control of the Contro
b. Electrical connector tight and in good condition.	\ <u>\</u>			<del> </del>				
4 M36E-TSS Periscope		Nov. 译			333	变话: 医心		Anguine to distribute the distributed the distributed th
Mounting Screws. Check screws for security.  Check sight is secure to turret weldment.	./		.,,	7,300_	2002		and a second	
<ul> <li>Sight. Check for moisture in window and in mirror.</li> <li>Check condition of glass.</li> </ul>	/							
<ul> <li>Sight Evepieces. Check for moisture, condition of reticles, condition of eye-piece pads, and proper operation.</li> </ul>	$\checkmark$							
<ul> <li>d. Latch Assembly. Check that latch moves freely, and has spring tension.</li> </ul>								
e. Hanger Strap. Check for serviceability.	V							
<ul> <li>f. Head Assembly. Check nuts on head assembly for tightness.</li> </ul>	V							
g. Body Assembly. Check mounting hardware for security and that safety wire is present.	V							
h. Boresight Knobs – Azimuth and Elevation. Check setting on both knobs and record. Turn each knob, check for smooth movement and shift of sight reticle. Reposition knobs to original settings.	V							
<ol> <li>Sight Power Electrical Connectors. Check that electrical connectors are in good condition.</li> </ol>	V	/						and the second s
<ul> <li>j. C'heck for cracks, dents, burns and chipped paint on housing.</li> </ul>								
<ul> <li>check that valve cap is tight and retaining strap is not broken or missing.</li> </ul>								
<ol> <li>Check that both knobs on elbow assembly move freely from LO to HI position.</li> </ol>	V							
n). Check that lamp holder is tight and packing is installed.	\/							
<ul> <li>n. Check that plug or shutter switch is present. If missing, notify supervisor.</li> </ul>								
<ul> <li>c. Check that all boresight knobs move freely, and scales can be easily read.</li> </ul>								
p. Check ID plate for damage and if it can be easily read. If plate cannot be read, notify supervisor.	V							
q. Check that shutter switch will not move to ON without pushing safety button first.								
<ol> <li>Theck that valve cap strap is not damaged or missing.</li> </ol>	V	1						
<ul> <li>check that all screws are tight on mounting hardware.</li> </ul>								

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
<ol> <li>Exhaust Blower. Check for corrosion and debris. Make sure electrical connectors are tight and in good shape. Check operation of blower door.</li> </ol>	$\checkmark$		or or or or or or or or or or or or or o					
<ol> <li>50 Caliber Annuo Ejection Chitie. Check for condition?</li> <li>and security. Ensure that chitie is clear of debris.</li> </ol>								
<ul> <li>a. Check ejection—chute hose for security and condition.</li> </ul>			NI-SIIWI.	musur misus		- Carrier S	est en en en en en en en en en en en en en	
<ul> <li>Spent-Cartridge Box. Check security and condition.</li> <li>Check operation of latches.</li> </ul>								
<ol> <li>Equilibrator. Check for corrosion, security and adjustment.</li> </ol>	1							
8. 50 Caliber Ammo Feed System.		2.74 2.74	泛紫	200	100mm			「大学」の記録を対象があるといれているないがらいます。
a. Check security and condition of .50 caliber ammo trays.	V		377-4		-100.43		- Name - Name - Name - Name - Name - Name - Name - Name - Name - Name - Name - Name - Name - Name - Name - Na	The second secon
b. Check security and condition of roller guides.								
9. 40mm Ammo Feed System.	6) S. 4(5)	200g	2000 2000 2000	空感 萎缩				The second of the control of the second of t
<ul> <li>a. Feed Chute. Check for dents, corrosion aud/or damage.</li> </ul>								
<ul> <li>b. Check feed-chute cover for tears, holes; zipper must move freely. Check attachment points for security and condition.</li> </ul>	<b>V</b>						1	
c. Check anti-feedback lever for condition and security.	17							
10, 40mm Ammo Bax Assemblys		蠶	誕	明 成 100		影響	14 mg	
<ol> <li>Check security and condition of box, doors, and flaps.</li> </ol>	/							
b. Check operation of latches.	1,/							Andreas and the second
<ul> <li>c. Check that electrical connector on last—round switch is tight and in good condition.</li> </ul>	W							
<ol> <li>40mm Charger Assembly. Check condition and security of charger tube.</li> </ol>	V							
12. 40mm Manuet		蘧	1.2	Į.		1	140	
a. Check condition and security.	1/							
b. Check operation of cover latches.	1		<u> </u>	$\top$		$\vdash$	1	
<ol> <li>50 Caliber Mantlet and Cradle. Check condition and security. Check for damage, cracked welds and bare metal.</li> </ol>	/	-						
14. Power-Assist Traverse Mechanism. Check for security, condition and leakage. Make sure that electrical connectors are tight and in good condition.	1							
<ol> <li>Elevation Control Assembly. Check for security and condition.</li> </ol>								

NOMENCLATURE/LOCATION	Satisfactory	Missing		Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
16. Gunner's Trigger Switch. Check for security and condition. Check that electrical connectors are tight and in good condition.	√								
17. Linkage. Check for security and condition.	/	T							
<ol> <li>Grenade Launcher Inhibit Switch. Check for security and condition. Check that electrical connector is tight and in good condition.</li> </ol>		\ \_							Switch is M
<ol> <li>Elevation Interrupter Switches. Check for condition and security. Check that electrical connectors are tight and in good condition.</li> </ol>	~								
<ol> <li>Utility Light. Check that light and electrical connector is secure and in good condition.</li> </ol>	\   \								
21. Communications Box	影		# 15 15 15				魏	気を	
<ul> <li>a. Check that electrical connector is tight and in good condition.</li> </ul>	V								
b. Check for security and condition.	V								
22 Weapons Station. Inspect for damage, security and clarity.		のなが	を表現し		建筑	遊響	が変え		
<ol> <li>Vision Blocks. Inspect for damage, security and clarity.</li> </ol>	\ \	/							
<ul> <li>Ring Gear. Inspect for damage and corrosion.</li> <li>Should be clean and no grease.</li> </ul>			1	<u> </u>					A lot of Rust
23. Hatch	i i	電影	奈	75.5 75.5	鑋	震		100	
<ul> <li>Seal, Hatch, Hinges. Inspect for damage, loose hardware and proper operation.</li> </ul>	V	1							
<ul> <li>b. Haich Latch Check. It should lock the hatch closed, hatch vertical to turret and hatch horizontally open in three positions (15 degrees, 90 degrees and 175 degrees).</li> </ul>									
<ul> <li>c. Hatch Handle. Check security, condition and proper operation.</li> </ul>	١.	1							
d. Crash Pads. Inspect pads on hatch and weapons station for security and condition.	1	1							
24. DAGR.			Ž,	10 mg/s 10 mg/s 10 mg/s		<u> </u>		9 12 12 12 12 12 12 12 12 12 12 12 12 12	
a. Check that electrical and antenna connections are tight and in good condition.			/						
b. Check for security and condition.	T	T	7		1	T			

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.	
III Wenpons Station Exterior.	靏		五元 五元		12.00	2020			
Receptacle, Spot Light. Inspect for corrosion and damage. Check that cover fits securely and is tight.	V			W-1442				Desire and the control of the contro	
Mount, Spot Light. Inspect condition and security.	1./								
3. Smoke Grenade Launchers	翠	灩	쵏		4.4		発生		
<ul> <li>a. Tubes. Inspect sight tubes for dents, cracks or corrosion, and security to mounts. Check security of mount to turret.</li> </ul>	V								
<ul> <li>Electrical Contacts. Check that contacts are tight and free of corrosion.</li> </ul>								am (1965) till det til ble statisk state at flesse kom en de kale til flesse kilde större storre gregne 4 4550	
c. Rubber Caps. Check sight caps for condition.						J		1 Rubber Cap Bioped	
<ol> <li>Entrance Window. Inspect condition and security. Look for signs of moisture.</li> </ol>	<b>/</b>								
<ol><li>Sight Cover. Inspect condition and security.</li></ol>	V								
<ul> <li>6. 40mm Mantlet Cover. Check for security and condition.</li> <li>Check operation of latches.</li> </ul>	1								
<ol> <li>Remote Antenna. Check security and condition of cover.</li> </ol>	V								
IV. Functional Tests		爱	變	100	凝	鳔	4	The state of the s	
Manifal Operation. Check for weapons station binding and backlash.									
a. Azimuth. Check movement through 360 degree clockwise and counter-clockwise.	\/								
<ul> <li>b. Elevation. Check for +45 degree maximum elevation and -8 degree maximum depression.</li> </ul>									
Powered Systems Test: Vehicle master switch and furret     power switch ON. Check operation as noted.		3							
<ul> <li>a. Control Box Lights. Check that control box lamps light when turret power switch is ON by pressing lamp test all buπon.</li> </ul>									
<ul> <li>Domelight. Lights in both blue and white switch positions.</li> </ul>	\/								
c. Utility Light. Lights in both red and white.	17		1	T	T	1			
d. Thermal Elbow Check Only. Ensure the unit shows an image and all controls work.	V								
e. Spot Light. Install and check operation.	V	7		T	$\top$	T	T		
f. Exhaust Blower. Check operation.	1/	7	1	T		7	1		

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Wodify	Remarks MUST be Included if unserviceable.
3 Low Ammo System Test		33 7m.		512	A COL		鑑	TO ALLEY TO A STATE OF THE STAT
a. Last-Round Switch OFF. Last-round indicator light on, triggers do not work.	V							
b. Last-Round Switch ON. Last-round indicator lamp light ON, override switch in up position, triggers work.								
<ul> <li>c. Last-Round Switch OFF. Last-round indicator light OFF, override switch down, triggers work.</li> </ul>	J							
Weapons Station System: Perform test as prescribed in  Section 5.		· 100			海湾	100 100		
a. Manual Elevation. Check operation.	,/							
<ul> <li>b. Deck Clearance. Check clearance of all obstacles.</li> <li>Check all inhibit zones. Weapons electrical trigger will not fire while in inhibit zones.</li> </ul>	V							
5. Smoke Grenade Launcher Test	- 13.00 - 13.14.4	- 	1.12 3.43	1 To 1	· 一 (2) (2)		13.5	· 我想到一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个
a. Tubes. Check that they are clear of grenades.	V							
b. Contacts. Check for 24 volts at eight firing pins inside of tubes on smoke grenade launchers. Turret power switches ON, smoke grenade switch ON, hatch in closed and locked position and grenade firing switch depressed.	~							
6. DAGR Operational Test Refer to TM 11 5820-1172-13	意	· 数据		(日本の)の	ない	2. 本本の	X 经基础	
a. Check that DAGR passes self-test.		1						
b. Check that DAGR is using vehicle power.	_	V		1				
c. Check that DAGR is using remote antenna.	$\perp$	1	1	$\perp$	$\perp$			
d. Check functioning of DAGR screen back lighting.	1	1	4					

	E08467K	£08467K	E08467K	E08467K	E08467K	TAMICN
	E08467K   WRENCH, Adjustable: 18 in. lg; 2.062 wr surf.; PN B107.8 CAGE 05047	E08467K   PADLOCK; PN A-A-59487-18C CAGE 58536	E08467K LUBRICATING GUN, Hand: PN 1142 CAGE 1PL57	E08467K SHACKLE: Anchor 1-3/8 in. Pin, 21T; PN 12328579 CAGE 19207	E08457K 2 - CAP, Protective, Dust And Moisture Seal: PN A3207525-1 CAGE 80063	NOMEN
	5120-00-240-1414	5340-00-682-1508	4930-00-253-2478	4030-01-187-0964	5340-01-381-5666	NSN.
	523445	523445	523445	523445	523445	SERIAL#
	1	1	1	1	4	QΤY
•	Z	Z	N	Z	2	SL-3 Complete (Y/N)
	29916532	29916532	29916532	29916532	29916532	SR#
	Α	۸	A	A	۸	SR Status
TOTAL:	\$65.11	\$7.83	\$11.67	\$34.37	\$13.19	PRICE EACH
\$171.74	\$65.11	\$7.83	\$11.67	\$34.37	\$52,76	TOTAL

ENCLOSURE (48)

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## LIMITED TECHNICHAL INSPECTION

DATE: 20200414	ENVITED TEC	- INSPECTION INSPECTION IN THE	ON		
PURPOSE OF LTI: 5LTI		SERVICE REQUES	T. 29	8430	7.74
RESPONSIBLE UNIT: 30 A	A BN	SET SERIAL: 52	319	5	,
NOMENCLATURE: AAVP7	A/ \				2350-01-458-7410
1101151101151	NIIN / P/N	SERIAL		DEF	
FNGINE TRANSMISSION	01-413-9066	37191043 A14221E	<u>(</u>	CODE S	
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DEFECT	000000000000000000000000000000000000000				
SL-3 COMPLETE: YES /	CÓDES: S - SERVICAI	BLE U - UNSERVIC	ABLE N	∄ – MISS:	ING
MODS VERIFIED: (ES) NO					
LAST PMCS DATE: 207063	25				
COMMENTS: DRIFT PIN OKER HWD, OTTI, OO	•	5-8292, HO	IST W	IREROT	DE, QTY 1, 01-071-1746
	20.50, 70	TOWN THE P	CA1	111, 00	17,00-222-8856
	CONI	DITION CODE: A			h)(0) /h)(0) /h)(7)/-)
	(3), (b)(6), (b)(7)(c)	LTI BY PRINT/SIG	1:	(1	b)(3), (b)(6), (b)(7)(c)
DATE: 20200414		<del></del>			
,					ENCLOSURE (49)

	OUS VEHICLE (AAV7A1) NICAL INSPECTION	
MODEL (CIRCLE ONE)	REFI	ERENCES
(AAVP7A1)	TM 09674A-25&P/4	TM 8F152B-25&P
AAVC7A1	TM 07267B-50	
AAVR7A1	TM 07268B-25&P/2	
TAC NO. 3-11-10	MILES 1213	
U.S.M.C. NO. 523195	HOURS 258	
HULL NO. BAM-A-003		- 11
ENGINE NO. 37/9/643		
TRANSMISSION NO. A 14221E		
INCDECTIOD'S PLAME OF VIRIOR	CNATIDE	DATE INSPECTED
(b)(3), (b)(6), (b)(7)(c)		20200-114
NOTE: The following inspection sheets are divided in	nto seven columns. The insp	ector will place a check in

NOTE: The following inspection sheets are divided into seven columns. The inspector will place a *check* in the column which best describes the condition of the item being inspected. For those items that cannot be inspected for any reason, the inspector will make an appropriate annotation in the remarks column.

Needs MNT RUN

			·			[ ]	Ţ	
NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Wodify	Remarks MUST be Included if unserviceable.
I. Outside of Vehicle (Forward and Port)			1967 1967 1967 (1)	200			<b>怎</b>	
Hull Forward End. Check for damage and bare metal.	/							
2. Towing Eyes. (Para, 8–33)	illy)		<b>建</b> 基	· 图集		最高	在可能 Minish	
a. Port.	V,							
b. Starboard.	V							
3. Headlights. (Para, 11=32)		\$49°	800	蒙蒙	\$6.00 \$6.00	<b>建</b>		
a. Port.	$\bigvee_{i}$						<u> </u>	
b. Starboard.	$\bigvee$							
c. Headlight Guards.	v							
4. Bow Plane. (Para: 10-14)		Santa Santa	额				N.	
a. Hinges and Mounting Hardware. (Para. 10-17)	$ \vee $							
b. Bow Plane. (Para. 10-17)	$\bigvee$		<u> </u>			ļ		
c. Hydraulic Tubes and Fittings. (Para. 10-16)	<u> </u>	<u> </u>	-		<u> </u>		<u> </u>	mos
d. Pivot Actuator. (Para. 10-18)	بيدا	4_			1			
5. Hull Port Side. Check for damage and bare metal.						\$ Q		
<ul> <li>a. Armor Piercing Protection Plates Kit (APK).</li> <li>(Para. 16–26a)</li> </ul>	V							
b. Steps. (Para. 16-29)			_	<u> </u>				
c. Slope Rack Kit (SRK). (Para. 8-49)	1	<u> </u>					<u> </u>	
d. Stowage provisions. (Para. 16-37)	V			_			_	
e. Fairings. (Para. 16-28)	$\bigvee$	<u> </u>					_	
f. Standoff Brackets. (Para. 16-27)	Ŋ,						_	
g. Hull Bosses. (Para, 16-36)	M				_		_ _	
<ol> <li>Port Track Shroud. Check for loose mounting hardware and damage. (Para. 16–28)</li> </ol>	1							
7. Port Final Drive, (Para, 7-18)		金融				1.00		
a. Outer Housing.	V	/						
b. Bolts.		7						
8. Port Sprocket Carrier. Check for loose mounting hardware and damage. (Para. 7-16)					- 87			
9. Port Sprockets. (Para. 7-16)	<u> </u>						Ž. 34	
a. Inner.	$\overline{}$	1						
b. Outer.		J						

			- 1		1 1			
NOMENCLATURE/LOCATION	Salisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
11 Port Track: (Para: 7-7) Use track wear gage to measure wear: Mark each inserviceable track shoe.	編			1000				
a. Track Shoes.	5,4 3, 4-	24-50.0	V	V		A. 300		m 17 mer lads
b. Track Pads.					<u> </u>			
c. Track Pins.	1/							
d. Track Wear	$\sqrt{}$	man Fireson		anomae.			<u> </u>	
e. Track Adjustment,					1		<u> </u>	Jusion 118the low
12. Port Road Wheels and Hubs. (Para. 7–12)  Circle those numbers which are unserviceable.	茶棚安	學習 多数 克鲁	7 10 10 10 10 10 10 10 10 10 10 10 10 10	を記される	44 34 34		· 建筑	
a. Road Wheel Cracks/Damage. 1 2 3 4 5 6	V							
b. Road Wheel Wear Rings. 1 2 3 4 5 6	N							
c. Hub Oil Leaks. 1 2 3 4 5 6 •	Ų			(Second)				
d. Hub Oil Level. 1 2 3 4 5 6	1/							
e. Mounting Hardware. 1 2 3 4 5 6	V							
13. Port Support Arms. (Para. 7–13)  Circle those numbers which are unserviceable.  1 2 3 4 5 6	7							
14. Port Torsion Bars. (Para, 7–13)  Circle those numbers which are unserviceable.							<b>海</b>	
a. Torsion Bars. 1 2 3 4 5 6	V							
b. Retaining Screws. 1 2 3 4 5 6	N							
15. Port Shock Absorbers. (Para. 7-11)	10 to		計選			\$ 80	65 -35 Y 6 -35 Y	
a. No. 1 Shock.	W							
b. No. 2 Shock.	V							
c. No. 3 Shock.	J					$\prod$		
d. No. 4 Shock.	<b>√</b>			Τ				
e. Mounting Hardware.	N	/						
16. Port Front Single Support Roller, (Para. 7-14)	SE 2:33	1 7	az iş	# 13	7 15	e ( 5	11	· · · · · · · · · · · · · · · · · · ·
a. Support Wheel Cracks/Damage.	5	Л						
b. Hub Oil Leaks.	V,					T		
c. Hub Oil Level.	V							
d. Mounting Hardware.	-	V				1		I ENCLOSURE (M

4

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
17 Port Dual Support Röller (Para 7-15)			灩		<b>XX</b>		· ·	
a. Support Wheel Cracks/Damage.	$\vee$							
b. Hub Oil Leaks.								
c. Hub Oil Level.	1							2715 Mar 201 or 1011
d. Mounting Hardware.	V							
18. Port Rear Single Support Rötler (Para 7-14)	が表	縁				茅灣		
a. Support Wheel Cracks/Damage.	abla							
b. Hub Oil Leaks.	$\vee$							200527-104-17-20-17-20-17-20-1-20-1-20-1-20-1-20-1
c. Hub Oil Level.	$\sqrt{}$							
d. Mounting Hardware.	J	/						
19. Port Slap Guard. (Para. 7–10)  Check for wear and loose mounting hardware.	V							
20. Port Idler Wheel and Hub. (Para 7-9)	195		2790g	200		1	10 To	NAME OF THE PROPERTY OF THE PR
a. Idler.	9/							
b. Outer Wheel.	V			1				
c. Inner Wheel.	V							
d. Mounting Hardware.	1					1		
e. Oil Level.	V		1			1		
21. Port Track Tension Adjuster. (Para. 7-8)	47.24 12.4	1. T	號	3.5			33	
a. Track Adjuster Support.					<del>                                     </del>			
b. Track Adjuster.	$\check{V}$		<u> </u>	<del>                                     </del>	1	$\vdash$	┪	
c. Bleeder Valve.	V	<u> </u>			+	<b> </b>	╁	
d. Grease Fitting.	V		<del>                                     </del>			<del>                                     </del>	1	
22. Port Anode. (Para. 8–53) Check for tightness of mounting screw. Make sure there is no paint on anode.		-						
23. Port Midships Bearing. (Para. 9-18) Check for signs of leaks.	V							
24. Drive Shaft. (Para. 9-17) Check for signs of damage.	J		$\top$	1	†	T	T	
25. Footman Loop. (Para. ) Check for weld cracks.	V	<del>                                     </del>			1	1	1	
26. Port Handrails. (Para, ) Check for weld cracks.	Ť	$\top$	+	1		1	+	<del> </del>
27. Port Cargo Hatch Supports. (Para.)	- FT et	2.12	1/2	i ii	-	*		
a. Forward Support.	1.7	1-		1	+		1	and any section of the control of th
b. Afr Support.	IJ	†	+	╁	+	+	+	· · · · · · · · · · · · · · · · · · ·
28. Fuel Tank Pressure Relief Valve and Outlet Cover. (Para.) Check cover and mounting screws for damage. Check relief opens.	1							
29. Check fuel filter cap. (Para.)	V		1	1		1	1	

NOMENCLATURE/LOCATION	- Sattsfactory	Mlssing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
30. Stowage Brackets. Check for weld cracks.	1/							ANIXXIIAXXI EXII Kalooodi soo oo oo oo oo oo oo oo oo oo oo oo oo
31. Bilge Pump Outlets.	靐	<b>发展</b>	空気	· 1	验		建設	
a. Hydraulic Pump Outlet.	V,							
b. Electric Pump Outlet.	V							
32. Personnel Heater Exhaust Outlet		30% 50%	<b>東京</b>	N. Cal			147 S	
a. Outlet Cap.	V.							
b. Outlet Adapter.	V							
33. Exterior Fire Extinguisher Pull Handle :	4	漂	200	A L	- Table   1		<b>100</b>	
a. Handle.	V,							
b. Wire Seal.	W.							
<ol> <li>External Fuel Tank Drain. Check plug for tightness and leaks.</li> </ol>	V							
<ol> <li>Port Deflector. Check for warping and cracks.</li> <li>Check mounting hardware for tightness and damage.</li> </ol>	~							Management of the state of the
36. Port Reverse Flow Duct. Check for damage and tight mounting hardware.	\ \		,					
37. Fuel Tank Pressure Relief Valve Outlet Cover. Check cover and mounting screws for damage.								_
38. Port Propulsion Unit. Check unit for damage and mounting hardware for tightness. Rotate driveshaft to check for free movement of impeller.	<b>W</b>	/						Joenna Mar
Outside of Vehicle (Aft and Startoard)	(藤		· 连			岩線	虁	TOWN TOWNS TO SELECT SERVICES
1. Tailights	1 18		<b>学</b>	1		皇海	23	
a. Port Taillight.	1.							
b. Starboard Taillight.	TV.							
c. Taillight Guards.	V							
<ol> <li>Hom. Check for loose mounting hardware, corrosion, and proper electrical connections.</li> </ol>	V							
Tow Cable Stowage Brackets. Check for cracked or bent brackets.	J							
<ol> <li>Towing Pintle. Check for loose mounting hardware. Check pintle for free rotation and proper quick—release operation.</li> </ol>	J							
5. Ramp Plugs. Check for tightness.	力	1	1		<u> </u>	Ť	1	
6 Ramp Hinges and Towing Eyes. Check mounting	IJ	$\dagger$	1	†	+	$\top$	†-	

					<del></del> 1			
	lory							
	Salisfactory	lng	lce	sĵ	3ir	асе	<u>≥</u>	·
NOMENCLATURE/LOCATION	Sati	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
7. Vision Block and Guard	.432	****	2%		<b>使歌</b>			
a. Vision Block Guard.	1 /	1200	- <b>30</b> 00000000000000000000000000000000000	- GEGGEN		表本	A CONTRACTOR OF THE PARTY OF TH	· 中国的国际公司
b. Vision Block.	<i>&gt;</i>			_				
8. Personnel Hatch			10.00	佐が	等號		<b>海</b>	
a. Personnel Hatch Handle (inner and outer).	155年	45.02.0	\$25.50	1896	44.00	1200	22:24	「海水中級「1000年年」というできた。 こうしょう アイ・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・
b. Personnel Hatch Seal.	$\ddot{\mathcal{I}}$	<u>                                       </u>						akka 1700-u (lis PARO PPPA O Perko Proba kaka bera Penka tinda atau dan Pada da Ala Si 1754 da kaban serra sera
c. Hook and Damper.	<u>( )</u>	<u>                                     </u>	<del> </del>	ļ				CONTROL CONTRO
d. Mouating Hardware.	7	1	-					
Starboard Deflector. Check for warping and cracks.	7		<del> </del>	<del>                                     </del>	<u> </u>			
Check mounting hardware for tightness and damage.	$\vee$	<u>L</u>						
10. Trailer Receptacle	1			瓣		龗	藏	
a. Cover.	4							
b. Retainer Chain.	V					<u> </u>		
<ol> <li>Starboard Reverse Flow Duct. Check for damage and tight mounting hardware.</li> </ol>								
12. Starboard Propulsion Unit. Check unit for damage and	-			1	1			
mounting hardware for tightness. Rotate drive shaft to check for free movement of impeller.	$\bigvee$							
13. Drive Shaft. Check for signs of damage.	17		†	$\top$				
14. Footman Loop. Check for weld cracks.	1/							20/00-12:500 (1004) A& (2004) (100/00) (2006) (2007) (2007) (2007) (2007)
15. Starboard Idler Wheel and Hub	1	1 建			13	纑	器	
a. Idler.	1/							
b. Outer wheel.	11/	4				Τ		
c. Inner wheel.		<u></u>						
d. Mounting Hardware.	V				1			
e. Oil Level.	1.	1	T		T		T	
16. Startxoard Track Tension Adjuster.		हें। इंटर व्य	의 <b>등</b> 학			2 %	遊響	S TANKE A CHARLEST TO THE SECOND OF THE SECO
a. Track Adjuster Support.	V	1					Τ	
b. Track Adjuster.	1.	/	$\top$		1	1	1	
c. Bleeder Valve.		/			1	1	1	
d. Grease Fitting,	1	7	$\top$				T	
17. Starboard Anode. Check for tightness of mounting screw. Make sure there is no paint on anode.	V	/						
18. Starboard Midships Bearing. Check for signs of leaks.	1,	/	+	1	+	$\top$	+	
· · · · · · · · · · · · · · · · · · ·								<del></del>

NOMENCLATURE/LOCATION	Satisfactory	Wissing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable,
19. Starboard Road Wheels and Hubs: Check those numbers which are unserviceable.	285 192							
a. Road Wheel Cracks/Damage.	<b>学</b> 选	Sure.	<i>3</i> 73.	Transfer of	40.00		选定	
1 2 3 4 5 6								
b. Road Wheel Wear Rings. 1 2 3 4 5 6			****		C			
c. Hub Oil Leaks. 1 2 3 4 5 6	$\checkmark$							
d. Hub Oil Level.	/							
e. Mounting Hardware. 1 2 3 4 5 6	V	-						
Starboard Support Arms. Circle those numbers which are unserviceable.     1 2 3 4 5 6	$\checkmark$							
<ul> <li>21. Starboard Torsion Bars. Check for broken bar and loose retaining screws. Circle those numbers which are unserviceable.</li> <li>1 2 3 4 5 6</li> </ul>	V							·
22 Starboard Shock Absorbers		-		1.3		<i>(F</i>	22-31 22-5	7
a. No. 1 Shock	V							
b. No. 2 Shock	7				1			
c. No. 3 Shock	1/							
d. No. 4 Shock	1/							
e. Mounting Hardware.	<b>/</b>							
23. Statoard Front Single Support Roller.	型型		纏		25	蠹		A CONTRACTOR OF THE PARTY OF TH
a. Support Wheel Cracks/Damage.	1/							
b. Hub Oil Leaks.	1							
c. Hub Oil Level.	1							
d. Mounting Hardware.	V							
24. Starboard Dual Support Roller,	-3- ** 10-1-1			3,2	1 - N	** 7		
a. Support Wheel Cracks/Damage.	1/	-						
b. Hub Oil Leaks.	V			T		1		
c. Hub Oil Level.	11/			Ī				
d. Mounting Hardware.	V					1	Π	
25. Starboard Rear Single Support Roller.				1		1		
a. Support Wheel Cracks Damage.	1/		T		$\top$		1	
b. Hub Oil Leaks.	1/				Ī	T	1	
e, Hub Oil Level.	1,/	1		1	1	Ī	1	EMOLOGISE
d. Mounting Hardware.	17	1	T	1		T	T	+ ENGLOSURE

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
26. Starboard Slap Guard. Check for wear and loose mounting hardware.								
27. Starboard Track. Use track wear gage to measure wear: Mark each unserviceable track shoe								
a. Track Shoes.	./							NUMBER OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF T
b. Track Pads.	1/							ddanniera voor <del>ee 19 au 18 au 1</del> 9 au 19
c. Track Pins.	7							
d. Track Wear.	1							
e. Track Adjustment.	1							
28. Starboard Sprocket Rings	2000 2000 2000 2000 2000 2000 2000 200	1			·麗		-32 (S) -74 (S)	
a. Inner.	17				3. 74			
b. Outer.	1				<u> </u>			
<ol> <li>Starboard Sprocket Carrier. Check for loose mounting hardware and damage.</li> </ol>	V							
30. Starboard Final Drive:	200	狭	装物	18th	經濟	饕	3.2	
a. Outer Housing.	1./							
b. Bolts.	1/							
31. Starboard Side Pontoon. Remove drain plug and check for water.	/							
<ol> <li>Starboard Track Shroud. Check for loose mounting hardware and damage.</li> </ol>	/							
33. Starboard Bilge Pump Outlets.	氢			133	3/ F		蕴	
a. Hydraulic Pump Outlet.	1,/							
b. Electric Pump Outlet.	1/	1	1	1	1	T		
34. Stowage Brackets. Check for weld cracks.	V/		1		<del>                                     </del>	1	1	-
<ol> <li>Heater Exhaust Outlet. Check for loose mounting hardware and damage.</li> </ol>	Ĭ						1	
36. Starboard Cargo Hatch Supports.	199			5 00 C	1 2 2	ু বিশ্ব ১ বর্ণ	1 33	
a. Forward Support.	1./		1	T	1			
b. Aft Support.	1/	+	T	1	1	$\top$	+-	
c. Hand Rails.	1./	+	1	+	-	+	+	
37. Footman Loop. Check for weld cracks.	1.7	+-	+-	1	+	+-	+	

NOMENCLATURE/LOCATION	Salisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be included if unserviceable.
38. Starboard Side Hull. Check for damaged and bare metal.	以 引起。					泰勒的	1000	
a. Armor Piercing Protection Plates Kit (APK). (Para, 16-69a)	$\sqrt{}$							
b. Steps. (Para. 16–72)	. /		************					
c. Slope Rack Kit (SRK). (Para. 16-73)		HAVARION						inikasuuranna saanaan saaka kiraan saanaa kassa 150 550 (iii) kalista kalista kannaay gaasaa (ja kura
d. Stowage provisions. (Para. 16-81)	Ž							
e. Fairings. (Para. 16-71)	1			<b></b> -	<u> </u>			
f. Standoff Brackets. (Para. 16-70)	./				<b>-</b>		-	
g. Huli Bosses. (Para. 16-80)	. /				<del>                                     </del>			
III. Bottom of Vehicle		138	485 P	神会		<u>1866</u>	5-70s.	Sain regards that he was several transfer and the little state of the second
1. Hull. Check bottom of vehicle for damage.	4,304.4	-240 1364	982394	i kungju	Turker	(T1), (C)	وينياد لدحاء	to the second of
2 Drain Plugs. Check for missing, tight, or damaged plugs.			· · · · · · · · · · · · · · · · · · ·	· 1000 1000 1000 1000 1000 1000 1000 100		(A) (B) (B) (B) (B) (B) (B) (B) (B) (B) (B	100	
a. Hull			1.5,62				-	CHARLES A STATE OF THE STATE OF
b. Ramp.	7				<u> </u>			
c. Contact Cooler.	1/				1			
IV. Outside of Vehicle (Topside)	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	125	142	- 総	. Š.	195	2005. 	
Hand Rail (forward). Check for weld cracks or other damage.	V		10					
Mooring Cleats/Lifting Fixfures Check for damage (Para 8–34).	養養			養護				
a. Forward (port and starboard).	V							
b. Aft (port and starboard).	1/							
3. Intake Grille  NOTE  Make sure intake prille is secured property:  in raised position.								
a. Screen.	1/			T				·
b. Brace Rod.	1./	1			$\top$	1		
c. Cam Lock Handles: Stop Screws.	1	1			+	+	<del> </del>	
d. Torsion Bar Assembly. (Para, 8–17)	Ť. /	1	1	T	1	T	+-	
e. Mounting Hardware.	1.	1	+	1	<del> </del>	İ	+	
£. Secl.	1./	$\dot{\tau}$		-	1	<del>†</del>	+-	
4 Ventiliator—Ampirator. Check that value works properly and inlet someth is clean and not dumaged. (Para. 8–18)	V	1		er producerani				
F Redintor Cover and Cup. Check ballistic cover for demage and radiator cup for proper sealing. (Para. 8–49)	V					5	-	ENCLOSUR

	- (		<del></del> -			-1	. 1	
NOMENCLATURE/LOCATION	Sallsfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be included if unserviceable.
Center Plate. Check sealing surface for tight fit and retaining screws for tightness.	V	/						
7 Exhaust Grille. (Para 8-14)  NOTE  Make sure that exhaust grille is secured properly in 7 raised position.			<b>阿斯德斯科斯</b>					
a. Screen.	1							
b. Seal.	1							and the second s
c. Brace Rod.	1/							
d. Lugs (dogs).	1/			-				
e. Mounting Hardware.	1							
8. Plenum Indicators		25. 70.	inger September		7.5	靏		
a. Intake.	1		1		7.5.5		200	4 (2) 2 (4) (4) (4) (4) (4) (4) (4) (4) (4) (4)
b. Exhaust.	1/			1		m		
9. Searchlight Mount and Receptacle. Check for damage.	1					1		
10. Driver's Hatch		10 10 1 10 10 1		8.5			漢	
a. Cover and Hinges.	1					T		
b. Torsion Bar.	Ť		1.7	1				Torsion Bor Cao M
c. Latches (open and closed).	17	<del> </del>	1		1			10 1310V 17001 C100 V V
d. Seals and Pads.	1/				$\vdash$			
e. Vision Blocks.	1./		╫	╁	┪	†	T	
f. DVE Adapter Assembly.	1.7	<b>-</b>	T		1	╁	1	
<ol> <li>Periscope and Support. Check periscope for breaks and chips and support for damage.</li> </ol>	V							
12. Commander's Haich		- 32		1				
a. Cover and Hinges.		19.64	S VANA	3 AL. 34	E 12		T	A CANADA CONTRACTOR CO
b. Torsion Bar.	1/	+	1	T	T	+	+	
c. Latches (open and closed).	$\frac{1}{2}$	-		$\dagger$	+	$\dagger$	+	
d. Seals and Pads.	1./	-		+	+	$\top$	+	
e. Vision Blocks.	1./	+	+	1	十一	+		
13. External Exhaust system. Check the external muffler, muffler guard, for damage and operation.					and a comment	er cannon	- many rame	
a. Muister.	1./		-	<del></del>	-	1	1	
e. Guard.			Ì	Ť			-	;
c. Pipes Chapp.	1	7		<u> </u>	<del></del>	十	+	
		<del></del>		· <del>'</del>		1_	1	<u> </u>

NOMENCLATURE LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
1.4. Ventilation Exhaust Outlet. Check ballistic cover for damage and tight retaining screws. Check screen for damage.	$\checkmark$							
15. Overfiead Protection Kit (OPK).				-				, , , , , , , , , , , , , , , , , , ,
a. OPK Tiles.								The allowing the second
- b. Torsion Bar Assist Mechanism (TBAM) Cover.	V							
c. TBAM.								No. of the state o
d. Bosses.	1/							
16. Cargo Hatches.						2 2 2 1 2	Ţ:	
a. Covers and Hinges.	1./							
b. Torsion Bar.	V							
c. Latches (open and closed).	V							
d. Seals.								
17. Antenna Mounts.								
a. Receiving Mount.	V							A STATE OF THE STA
b. Port Sending Mount.	V							
c. Starboard Sending Mount.	V							
d. PLRS Antenna Mount.	V							
e. DACT Antenna Mount.	V							
<ol> <li>Sea Tow Quick-Release. Check assembly for damage and proper operation.</li> </ol>	1							
Engine Compartment (Forward)		14 m 1 m	= - 4					Barrello - Doros a company
Forward Bulkhead, Bow Pod Access Cover, and Bow Pod.      NOTE      Make sure intake grille is properly secured in raised position.								
a. Bow Plane Velocity Fuse Valves.			T	T				
b. Bow Pod Access Cover.	\ <u>/</u>			Ţ			T	
c. TACNAV sensor.	T./	1	T	T		1	T	
2. Intake Plenum Actuating Cylinder.		T	1			Ī		
a. Cylinder.	1./	1	T	1		-	Ì	
p. Hydraulic Hoses.	1	- 1	+	<del> </del> -	<del>'</del>	1	1	<del></del>

NOMENCLATURE LOCATION	Satisfactory	Missing	Servíce	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
4. Cooling Fan.				熟				
a. Guard,	V						1	
b. Shroud.	5/							
c. Fan.	1/							
d. Bearings.								100 pt
e. Belt Adjustment.	V							486559-Philippe - Ar Continuo anno anno anno anno anno anno anno a
f. Seals.	Z							THE THE PARTY IS A STATE OF THE PARTY OF THE
g. Fan Cartridge Bearing.	V							And the state of t
h. Drain Tube.	1.7			· · .				
5. Stuge Tank.	ŽV.	ीहर्ष कर्मा	V 300		32	要を	7. 70 F. San	
a. Tank	1							
b. Valve.	1.7							
c. Hose and Tubes.	V							
d. Mounting Hardware.	17							
6 Crew Ventilation.	3		7,3	S 57	750	F	Z-3	
a. Ducts, Clamps, and Hoses.	1/							
b. Drain Tube.	1				Ì			
7. Control Linkages.	Ĭ			270		17-50	た際 表現	
a. Brake Linkage.	V	Ì				-	7 37	s
b. Steering Linkage.	17	1		1	<del>\</del>	<del>                                     </del>		
c. Throttle Linkage.	Ĭ./		1	1	1			
d. Brake Flood Control Valve Linkage.	Ť		╁	T	<del>                                     </del>		<b> </b>	
NOTE	LZ	1						
Make sure flood valve spindle moves freely.	V						1	
e. Engine Compartment Exhaust Fan Linkage.	1.7		1	┪		1	1	
8. Transmission Mounts. Check mounts for loose	Ť	1	-	1	-	T	T	
mounting hardware. Check transmission guide and guide rollers for damage.								A Lot of Rust -
Electrical Wiring and Connections.	Ť	+-	$\vdash$	$\dagger$		1	+-	
a. Bulk Head Connectors.		1	$\dagger$	╫	<u> </u>	+	-	
b. Fower Plant Wiring.	1.	-	1	+	-	+	+-	
c. Crew Vent Fan.	1		+	$\dagger$		1-	-	<del>                                     </del>
d. Electrical Bilge Pump.	1./	,	+	1	<u> </u>	┪-	1	
Hydrostatic Steering Disconnect Levet. Check lever for correct operation, damage, and wear. Check for leaks.	V					-		

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
11. Port Final Drive	變	想	證			饕		
a. Oîl/Oîl Level.	44							
b. Oil Leaks/Seals.								
c. Mounting Hardware.	$\checkmark$							
d. Speedometer Adapter/Cable.	$\sqrt{}$							
<ol> <li>Port U</li></ol>	./							
<ol> <li>Port Hydraulic Bilge Pump. Check for oil leaks, loose mounting hardware, damaged screen, and debris.</li> </ol>	V							
<ol> <li>Bilge Pump Bypass Valve. Check for oil leaks, loose mounting hardware. and damaged electrical connections.</li> </ol>	V							·
<ol> <li>Plenum Solenoid Valve. Check for oil leaks, loose mounting hardware, and damaged electrical connection.</li> </ol>	$\checkmark$							
16. Bow Plane Hydraulic tubes. Hoses and Fittings. Check for leaks. loose fittings and loose mounting hardware.	V							
17: Fuel Manifold. Check for fuel leaks and loose mounting hardware.	1							
<ol> <li>Forward Engine Compartment Fire Extinguisher Discharge Nozzle. Check for damage and debris.</li> </ol>	V							
<ol> <li>Port Lateral Drive Shaft. Check shaft for damage and coupling for tight mounting screws and proper safety wire.</li> </ol>	V							
20. Port Right Angle Drive. Check oil level. Check mounting hardware for looseness. Check for signs of leaks.	V							
21 Slarboard Final Drive.	蕸	333			響	量		
a. Oil/Oil Level.	1/	1		T				
b. Oil Leaks/Seals.	1	1				1	1	
c. Mounting Hardware.	1	1	Π	T	T	T	Τ	
<ol> <li>Starboard U-Joint. Check for wear, tight screws, and proper safety wiring.</li> </ol>	V	1			<u> </u>			and the second second second second second second second second second second second second second second second
23. Starboard Lateral Drive Shaft. Check shaft for damage and coupling for tight mounting screws and proper safety wire.	V							
24 Starboard Electrical Brige Pump. Check screen for debris and damage. Check mounting hardware for aghiness.	V		-			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		

			<del></del>					
NOMENCLATURE/LOCATION	Sallsfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
<ol> <li>Precleaner. Check cleaner for damage, loose mounting hardware, and loose clamps. Check screen for damage and debris.</li> </ol>	/							
<ol> <li>Crew Ventilation Fan. Check mounting hardware for looseness. Check ducts and clamps for damage and tightness.</li> </ol>	$\checkmark$							
<ol> <li>Starboard Right Angle Drive. Check oil level. Check mounting hardware for looseness. Check for signs of leaks.</li> </ol>	V							the same of the sa
28. Starboard Right Angle Drive Shaft. Check condition of shaft coupling for damage. Check coupling bolts for tightness and proper safety wire.	$\checkmark$							
<ol> <li>Fan Drive Shaft. Check shaft and coupling for damage or wear. Check safety wire for damage.</li> </ol>								
30. Fuel Filter	臺灣	4	<b>基础</b>	趣	疆	\$ 300 \$ 200		
a. Fuel Leaks.	V							
b. Drain Cock/Contamination.	1/							
c. Electrical Leads/Transducer.	1/		İ		İ			The second secon
d. Mounting Hardware/Air Valve.				İ	1	T		A CONTRACTOR OF THE CONTRACTOR
31. Power Takeoff Unit	要	野学	- 3-30 1-30 1-30	2 52 54.			靈	
a. Oii Leaks.	/	1					32.00	
b. Mounting Hardware.	17	1	$\top$				T	
c. Electrical leads/Connections.	1.7							
<ol> <li>Starter. Check that starter is mounted properly. Check electrical leads and connections for damage and proper connections.</li> </ol>	Ĭ V							
33. Transmission Oil Cooler. Check for oil and water leaks. Check electrical leads and connections for damage. Check oil lines, hoses, and clamps for tightness.	V							
<ol> <li>Exhaust Manifold (starboard side). Check for cracks, holes, and corrosion. Check mounting hardware for tightness.</li> </ol>	V							

	<del></del>			-	- 1	- 1	- 1	
NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
35 Transmission Check for overall cleaniness and damage.								
a. Leaks.	V							
b. Torque convener to engine mounting screw for tightness.	$\sqrt{}$							
c. Range selector valve for leaks and safety wire.	$\sqrt{}$							
d. Oil Leaks.	$\checkmark$							
e. Left and right brake and steer sections for leaks and loose mounting bolts.	✓							
f. Check brakes for proper adjustment.			1					Paint Covering Reading
g. Check transmission drain line for leaks, damage, and loose drain plug.								V
VI. Engine Compariment (Aff)	验	水管	聽			響	· 東京 (大) (1)	
Exhaust Plenum. Check actuating cylinder and oil lines for leaks. Check condition of plenum seal.	$\lor$							
Components Bolted on for the Eugene. Check for tight mounting hardware, proper electrical connections damaged boses and electrical leads; and leaks.				を変える。				
a. Turbocharger.	V							
b. PT Pump.	<u> </u>	<u> </u>			1			
c. Exhaust Manifold (port side).	1/	1	_				<u> </u>	
d. Engine Oil Cooler.								
e. Engine Oil Filter.			$oldsymbol{ol}}}}}}}}}}}}}}}}}$					
f. Intake Manifold.	<u>\</u>	_					<u> </u>	
g. Smoke Generation Components.	\ <u>\</u>						1_	
h. Cold Start Components.	$  \vee  $		_					
i. Crankcase Breathers.	<u>ly</u>	4_						
3 Transmission Oil Filter.					- 160)			A CONTROL OF THE PROPERTY OF T
a. Mounting Hardware.	V	4	$\perp$				1_	
b. Leaks.		1		$\bot$				
c. Check Electrical Connections.	$\perp$	4_	1					
4 Engine Oil Level. Check for correct level and signs of contamination. Check dipstick for damage.			4					
5 Transmission Oil Level. Check for correct level and signs of contamination. Check fill tube and dipstick for damage.	· V	/						
<ul> <li>Tachometer Drive Shaft. Check for adapter and cable damage.</li> </ul>	~	/				-		

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NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modity	Remarks MUST be Included if unserviceable.
<ol> <li>Radiator. Check for radiator damage. Check for water leaks on radiator and coolant tubes.</li> </ol>								
<ol> <li>Exhaust System. Check condition of insulation. Check for loose mounting hardware and damaged scavenging system check valve and for leaks.</li> </ol>	V							
<ol> <li>Engine Compartment Exhaust Duct. Check for cracks or other damage. Check mounting hardware and clamps for tightness. Check tubes for proper mounting.</li> </ol>	$\checkmark$	~~~~						
<ol> <li>Engine. Check overall condition of engine for cleanliness and fuel, coolant, and oil leaks.</li> </ol>	$\checkmark$		-					
-11. Génerator.								<b>基基定值</b>
a. Bracket and Hardware.	./							
b. Pulley and Belt.	V							
c. Adjustment.	1/							
d. Voltage Regulator	1							
12 Water Primp, Check for leaks	Telling Telling Ellentin				靏	设备		
a. Pump.	<b>V</b>				1	3,320	-3/2/22**	
b. Hoses and Tubes.	V							
c. Belt and Adjustment.	1							
<ol> <li>Fire Extinguisher Discharge Nozzle. Check for damage, debris, and condition of safety wire.</li> </ol>	<i>/</i>							-1
14. Engine Oil Heat Exchanger. Check mounting hardware for tightness. Check for oil leaks. Check electrical leads for damage and tight connections.	V							
<ol> <li>Cold Start Disconnect Lever. Check for proper operation. damage, and corrosion.</li> </ol>	$\checkmark$							
16. Hydraulic Reservou	480 682		震	数	濫	談		
a. Oil Leaks.	1/					and legal	73.542	and the manufacture of the second of the sec
b. Mounting Hardware,	17				1	<del> </del>	$\vdash$	
c. Oil Level.	1		<del>                                     </del>	<del>                                     </del>	$\vdash$	-	-	
* * * * * *	TUZ.	1	1	1	į	1	i	ł

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NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modity	. Remarks MUST be Included if unserviceable.
VIL Troop Compartment  NOTE  Belowe inspecting troop compartment open a cargo hatches a compartment tower ramp a second from and tower ramp as a second from and tower ramp as a second from and tower ramp as a second from and tower ramp as a second from and tower ramp as a second from and tower ramp as a second from and tower ramp as a second from and tower ramp as a second from and tower ramp as a second from a second								
Engine Compartment Access Covers (all). Check all financiatives and clamps for damage and operation.  Check Covers for correct matting and damage.								
a. Aft Upper.								
b. Aft Center.	√.							
c. Afi Lower.	<b>V</b>	_						
d. Port Upper.	V							
e. Port Lower.	1					<u> </u>		
f. Smoke Generation.	5/							
<ol><li>Smoke Generation Fuel Control Valve. Check to see if valve operates freely. Check for any damaged components and leaks.</li></ol>			· /					Doesn't stop twisting
3. Engine Compartment Fire Extinguisher.	繁美	湯藤		\$4	Oral Sec	蒙	靏	
a. Bottle and Tag.	7							Tag 19
b. Control Valve.	/							
c Clamps.	V							And the control of th
Troop Manilation Outlets. Check for free movement and damaged louvers.	V							
<ol> <li>Coolant Bypass Tube. Check to see if tube is mounted properly in retaining brackets.</li> </ol>	1							
6. An Graner Compartment		2.44 7.66		30/2				
a. Access Door.	1					Π	T	
b. Refaining Brackets.	<b>1</b> /							
c. Element.	1/		T	T				
d. Compartment.	1	1						
Right Augle Drive Access Cover. Rotate weapon gration to gain access to cover. Check cover for proper histing and damage.	V							
Starboard Longitudinal Shaft Cover. Check for damage. Check for loose mounting hardware.	V			1				
Singboard Longitudinal Shaft. Check shaft for damage and coupling for right mounting screws and proper safety wire.	V	The state of the s	to produce the same for the same of the sa	And distribution that the second second				

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
10. Huel Tank Drains. Check both valves for proper operation. Check fuel thies and fittings for leaks								
Check manual simioff valves to make smeathe flandle								
iofales fieely	9				2.5	44	<b>B</b>	
a. Internal Fuel Tank Drain.	V /							and the second s
b. External Fuel Tank Drain.	V	ļ	<u> </u>					
c. Fuel Lines and Fittings.	V	<u> </u>	<u> </u>					
d. Manual Shutoff Valve.	\$253,404	10546	1527.84	14 <u>2</u> 1426	-16257 -16257	3539A	द्धक्ष <b>्</b>	· · · · · · · · · · · · · · · · · · ·
11 Fuel tank	智性	<b>建</b>	SA	5,42	10.0	Sept.	100 m	を表現しては、 は、 は、 は、 は、 は、 は、 は、 は、 は、
a. Electrical Leads.	V		<del> </del>					
b. Leaks.	V	-	-	<u> </u>	1			
c. Retaining Straps,	V		-	-			_	:,
d. Breather Cap.	V ¥35≥	/ 李珠		<b>1</b>	7.00	15729		
12 Troop Seats	<b>1998</b>	74	100		138		多数	Missing Sectioning pins
a. Hinges.		J. J.	1	-	-		-	Prissing Securing Piris
b. Supports.	1	1_	-		-	├	-	Year S
c. Seat Pans.	1		╂—	-	-		-	
d. Cushions.	<u> </u>	+	_	╄	-	╄	<u> </u>	46
e. Safety Belts/Straps.	-	1	_	-	<u> </u>	<del>  -</del>	╀	
f. Adjusting Rods.	\ <u>'</u>	n 250e	V4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	7, 5500	(b) 70+70	140.50	- -	*
13. Interior Stowage	400 400 400 400 400 400 400 400 400 400	(大) (1) (2)	1	\$	P 新空 - 基礎	* **** *****		
a. MG Cleaning Rod Bracket.	<u>                                     </u>		$\perp$	<u> </u>	1	1_	1	
b. Rifle Brackets.	\ <u>/</u>			<u> </u>			_	
c. Water Can Supports.	1,/	1			1_			
d. Seat Stowage Supports.	1/	1						
e. DVE Container.	4	•						
f. Portable Fire Extinguisher Bracket.	V							
g. Pamphlet Stowage Rack.	IV			$\int$				
h. Ammo Box Bracket.	V	1						
i. Hand Oiler Bracket.	V	1	T			T		
j. Tool Bex Stewage Support.	V	1				1	T	
14. Power Distribution Box. Check to see if box is securely mounted. Check all electrical connections for tightness. Check cover for tight screws. Check slave output power switch for damage.	V							

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NOMENCLATURE/LOCATION	Satlsfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
15. Batteries				***				
a. Battery Box Cover.	1/							
b. Holddowns.	1							
c. Cables and Terminals.	V							
d. Battery and Terminal Posts.	/	Ì						
e. Battery Box Drains.	V							MARINEN AND SEASON AND AND AND AND AND AND AND AND AND AN
f. Battery Instruction Plate.	/							
<ol> <li>Radio Guards. Check guards for damage and loose or missing mounting hardware.</li> </ol>	V							
17 Deflector Actuator Guards: (Check guards for debris and damage.) Check mounting hardware for ughiness.			が変数を		が変われる	A 等 等 等 等 等 等		
a. Port	/							
b. Starboard.	~							-
18. Water Steer System Components	AND THE	灩	验	涎	61-03 61-03 61-03	7.00 7.00 7.00 7.00	海 湯 湯	
<ul> <li>a. Water-Jet Deflector Position Sensing Module (port and starboard).</li> </ul>	/	}						
<ul> <li>b. Water–Jet Deflector Servo Module (port and starboard).</li> </ul>	V			, maria de la composição de la composiçã		1		
c. Water-Jet Deflector Solenoid Module (port and starboard).	V							
d. Actuator Cylinders Port and Starboard.	1							
e. Actuator Bracket Port and Starboard.	V	1	T					
19. AFSS Electrical Components.	氢		125					100mm 100mm
a. Sensors/Control Box.	V	1	Π					
b. Cables.	V	1						
20. Dome Lights. Check mounting hardware for tightness. Check for broken or cracked lens and knobs. With master switch ON, check lights for proper operation.	1							
21. Aft Slave Receptacle. Check cover and chain for damage. Check insert for corrosion and damage. Check electrical lead for damage and loose connections. Check mounting hardware for tightness.	V							
<ol> <li>Troop Ventilation Outlets. Check for free movement and damaged louvers.</li> </ol>	V	7						Ĭ*
13 Flamp Lock Linkage. Check to see that Enkage does not bind. Check for bent or warped linkage rods.	1			-				

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NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Явріясе	Wodily	Remarks MUST be Included if unserviceable.
24 Ramp: With ramp lowered, check ramp seal for breaks; and spongy condition:								
Ramp Seal. Check mating with hull in closed position.	/							
b. Vision Block Cover.	/	1	-					OZZZZZZZÓWYCZOWY WORZYCZYCH SZCHOŚCIE OKIAZZÓWYZZÓWYZZÓWY W WYWYCZOWY W WORZYCZOWY W WY W WY W W W W W W W W W W W W W
c. Skid Bars	Ż	1	<u> </u>					According to the second desired to the secon
d. Quick-Release (Visual Only).	1/	<del> </del>		-	-			
e. Tow Pintle Release.	1/	1		<b>-</b>				
25. Deck Plaies	333	***	127	25课		<b>登縣</b>	1	
a. Deck Plates (port and starboard).	V	1 1 1 1 1 1 1	7 80.00		0.677	10 Bib.	- Service	and on the second secon
b. Center Deck Plate.	7	1	1					
c. Contact Cooler Bleeder Valve Access Cover.	1		<u> </u>					
d. Bilge Pump Access Cover (port and starboard).	V	i			1			,
e. Tiedown Rings.	1/	1	1		1			
Remove troop compartment deck plates before continuing.								
26. Contact Cooler. Check that bleeder valve is not frozen.  Check for signs of leaks.			/					Bleeder valve seized
27. Torsion Bars. Check torsion bars for damage.	V			Ī	İ			
28. Ramp Cylinder and Cable.	V	1			İ			24
29 Hydraulic Bilge Pump	34				13	150		
a. Bilge Pump.	V	1	1					A CONTRACTOR OF THE PARTY OF TH
b. Outlet tube.	V	1					1	
30 Electric Bilge Pump 4 (1884)		3	整	參	e Ven		瓕	
a. Electric Pump.	V					2 1 1 1 1 1 1 1 1		The state of the s
b. Outlet Tube	$\overline{V}$			1		1	╁	
31 Bilges Check for geanliness and obvious signs of damage.								
a. Brackets and Mounting Hardware.	1	1						And the second of the second o
b. Discharge Tubs and Nozzles.	V		1	1		1	$\top$	· · · · · · · · · · · · · · · · · · ·
52. Fire Extinguisher (17 lb).	-				1	-	1	
a. Mounting Hardware.	TV	/	<u> </u>		1	1	1	
b. Discharge Tub and Seal.	T	7	1		<del></del>	+	1	
.c. Tag Date	Ť	V	亡	+	<del>-  </del>	1	1	
d. Seal	- <u></u>	1	1	İ	Ţ	1	1	

NOMENCLATURE/LOCATION	Salisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
33. Personnel Heater		4.86						Ethical Carlotter Control of the Con
a. Mounts.	V							The state of the s
b. Exhaust System and Cover.			V					Handle seized / Broker
c. Electrical Wiring and Switches.	V							
d. Fuel System.	V							
e. Heater Ducts.	V	7						
34. Port Longifictinal Shaft Cover. Check for damage.  Check for loose mounting hardware.	V							
<ol> <li>Port Longitudinal Shaft. Check shaft for damage and coupling for tight mounting screws and proper safety wire.</li> </ol>	/							
36. Radio Momis.	1		京中	4	<b>表验</b>	N. C.	No.	AND THE PROPERTY OF THE PARTY O
a. Check Mounting Hardware.	بجولها		1					Top Stack uninstall
b. Check Radio Mounts.	1							
c. Check Radio Cables.	1							
37. HPLRS Rack	**)@** 系 : ^:	AMENIA -1 Organis	新福斯 亚克	-549277 - 21 - 1	沙漠	700	<b>福拉</b>	eta magiliaren barritarria barritarria barritarria. Amerikarria barritarria barritarria barritarria.
a. Check Mounting Hardware.	V							
b. Check Radio Mounts	V							
c. Check Radio Cables.	1 U							
VIII. Driver's and Commander's Station	諡	- 4	- E		100			
1. Access Covers.			整	1	100 100 100 100 100 100 100 100 100 100	<b>电报</b>	Mar East	30年19年10年10年10年12年12年
a. Hydrostatic Steer Disconnect Lever.	1			Π				
b. Final Drive U-Joint.	V							
c. Hydraulic Reservoir.	V							
<ol><li>Flapper Valve. Check spring tension flapper. Check mounting screws for tightness and damage to flapper.</li></ol>	V							
<ol> <li>Fire Extinguisher (7 lb). Check mounting bracket and hardware for tightness. Check tag for date bottle was last weighed. Check wire sear on control head.</li> </ol>	10000000000000000000000000000000000000			10000000000000000000000000000000000000		是是		A Company of the state of the s
a. Bracket and Mounting Hardware.	1							
b. Tag Date.		1	1					
c. Wire Seal.	1	1	T	T				
Ramp Lock Handle. Check bandle and lock for immage and proper operation.	1							
<ol> <li>Ramp Control Valve. Check for damage, loose fittings, leaks, and loose mounting hardware.</li> </ol>			1					leaking at handle

						<del></del>		
NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be included if unserviceable.
<ol> <li>Fire Extinguisher Discharge Handle. Check handle for damage and unbroken wire seal.</li> </ol>								the history of the Albanya Depth of the Albanya Dep
<ol> <li>Power Train Switch. Move lever and check for binding. Check bail for damage.</li> </ol>	/							
<ol> <li>Mode Selector Switch. Check for missing or damaged toggle switch.</li> </ol>					ĺ			
<ol> <li>Handle Throttle. Move throttle and check for proper operation. Check linkage and cover for damage.</li> </ol>	1							
<ol> <li>Gear Selector. Check console for loose mounting hardware for damage. Check movement of selector through all gear range.</li> </ol>	1							
<ol> <li>Air Cleaner Restrictor Indicator. Check for proper mounting to bulkhead. Check indicator for damage.</li> </ol>	V							·
<ol> <li>Auxiliary Instrument Panel. Check panel for loose mounting hardware. Check that gages are securely mounted in panel, and that hose connections are tight.</li> </ol>	1							
13. Accelerator Pedal.	富 製造		· 集集	流	議	虃		
a. Mounting Hardware/Brackets.	V							and the second second
b. Pedal and Pedal Stop Screw.	W	1						The state of the s
c. Water Drive Switch.	1	1						
<ol> <li>Brake Pedal. Apply and release brakes to check binding.</li> </ol>	L	1						
<ol> <li>Parking Brake Handle. Check for proper operation.         Make sure that parking brake holds and releases properly.     </li> </ol>	L							
16. Steering Wheel a Check wheel for damage. Check operation of wheel till a Check for binding linkage.  Check steering wheel sensing module for bose incoming liardware or damaged writing.								
a. Steering Wheel.				7) (SE			333	。 第24年的 第24 的 第24 的 824
	10	1	1	1	1	1	1	I .

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
17. Indicator Panel. Check mounting hardware and grommets for fightness and damage. Check for loose.								
or damaged switches lights, and buttons.								
a. Master Switch.	V		4 200	2,24.5				And the second s
b. Lamp Test/Warning Cancel Switch.	1							rrrinastrikiria litteri irri irri irri irri irri irri irr
c. Horn Button.	1	İ						
d. Panel Lights Brt/Dim Switch.	1		<u> </u>					
e. Cold Start Switch.	V	<u> </u>						
f. Starter Button.	V							
g. Light Switch.	V							
h. TACNAV Indicator.	/							
i. Tachometer.	V	İ						
j. Speedometer.	V						•	
k. Smoke Generation Indicator Light.	1/							
l. Smoke Generation Switch.	17							17 12 10 11
m.Forward Electric Bilge Pump Switch.	V							
n. Aft Electric Bilge Pump Switch.	1							
o. Aft Electric Bilge Pump Indicator Light.	V							
p. Forward Electric Bilge Pump Indicator Light.	V							
q. Aft Hydraulic Bilge Pump Indicator Light.	V							
r. Forward Hydraulic Bilge Pump Indicator Light.	V		Π					
s. Ventilation Switch.	V	1		1				
Driver's Display Unit. Check for cracked glass and moisture. Check that unit is securely mounted in indicator panel.  NOTE			1					water temp inop
Bar scales and warning lights will be checked during the operational portion of preinduction.								
19. Bow Plane Control Valve. Check for damage, loose fittings, leaks, and loose mounting hardware.	/							
20. Vent Air Outlets. Check driver's and commander's outlets for breaks and cracks. Check to see if outlet rotates freely. Check mounting hardware for rightness.	The Clark Asset	1. は 1. は 1. は 1. は 1. は 1. は 1. は 1. は		1 日本日本				
a. Driver's Outlet.	V							
b. Commander's Outlet.	V		1		-		T	

			<del></del> ,						
NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.	
<ol> <li>Vent Air Hoses, Tubes, and Duct. Check for loose clamps and mounting hardware. Check for damaged hoses, tubes, and duct.</li> </ol>	1								
<ol> <li>Bilge Outlet Tube. Check tube for damage, hoses for cracks, and clamps for tightness.</li> </ol>									
23. Instrument Distribution Box. Check that box is securely mounted, and that cover screws are tight. Check all wiring hamess connectors for tightness.									
24. Forward Slave Receptacle on Instrument Distribution Box. Check cover and chain for damage. Check receptacle for corrosion and damage.	1								
25. Searchlight Switch. Check for damage and operation.	1								
26. Ventilation Air Outlet Valve. Check for loose mounting hardware and damaged cable and handle with ball. Open and close outlet and check for binding linkage.	/								
27. Data Plates. Check for damage.	/								
<ol> <li>Manual Fuel Shutoff Handle. Check shaft for damage and grommets for wear. Rotate handle to check for free operation.</li> </ol>			/					missing pin	
29. Driver's Seat. Check seat adjustments for proper operation. Check mounting hardware and brackets for damage and tightness. Check seat supports, pan, belt and cushions for damage.	/		HAN.					needs PM	4
30. Troop Commander's Seat. Check seat adjustments for proper operation. Check mounting hardware and brackets for damage and tightness. Check seat supports, pan, belt and cushions for damage.	1								
<ol> <li>Interior Decals and Instruction Plates. Check to see fhat they are readable.</li> </ol>	V								
32. Fire Extinguishers (MESS and AFSSS).  NOTE  At this time all fire suppression system bottles are to be pulled and weighed.			E. C. P. P. C. P. C. P. C. P. P. C. P. P. C. P. P. C. P. C. P. P. C. P. P. C. P. P. C. P. P. C. P. P. C. P. P. C. P. P. C. P. P. C. P. P. P. P. P. P. P. P. P. P. P. P. P.		の場合は				•
a. Mounting Hardware.	V		T	$\top$					•
b. Discharge Tube and Seal.	7	T	T		1	T			-
e. Tag Date.	1	1	1		$\top$		1		-
d. Seal.	1		T		T	1	Ť		-
33. Drive Shafi Guards. Check guards for damage and mounting hardware for rightness.	V								
									_

NOMENCLATURE/LOCATION	Sallsfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
Equipment Operation	<b>100</b>							
1. Start vehicle, check operation of the following:								
a. Master Switch.	V	1966	A. Carrier	'ally-helde	154 A	W.E.S.	-605-005	
b. Horn.					-			) 
c. Fuel Level Indicator.	7							
d. Battery Generator Indicator.								
e. Electric Bilge Pumps (forward and aft).	V							
f. Panel Lights (brt/dim).	1							1 TO THE RESIDENCE OF THE PROPERTY OF THE PROP
g. Display Panel Warning Lights.	/							4
h, Vent Switch Low Position.	1/	_						
<ol> <li>Perform Diagnostic Test Equipment checks in accordance with TM 09674A-25&amp;P/4, (See worksheet at the end of this Appendix).</li> </ol>	r							
Vehicle Stall Check. With brakes locked, and gear selector in 4th year, accelerate fully and check the following:				では、		に発展を表	即被	
a. Brakes.	/					<u> </u>		
b. Transmission.	1	<u> </u>						
c. Engine. RPM.	/	1						2500 needs mnt run
<li>d. TACNAV Indicator. Check that system powers and display works.</li>					V			INDA
4. Lights Check that lights work properly.	74.C	122	100			- Ne_G - Ne_G	12	The second of th
a. Light Switch.	1				-			
b. Service Drive.	1/	1						
c. Dimmer Switch.	1							
d. Blackour Markers.	1/	1					Π	
e. Stop Light.	V			T		1	T	
î. Park.	V	1	T			T		
g, Searchlight.	V	1						
h. Interior Dome Lights.	V	1	1					
<ol> <li>Driver's Viewer Enhancer (DVE). Check that power system works.</li> </ol>	1	)						
_ funip Test Warning Cancel Switch. Check audio zignal with proper comm behnet.	5							

back soun

								•
NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable,
X. Functional Road Test	188					變數	数	
1. Steering. Check operation and drift.	1							
<ol><li>Gear Ranges. Check for slippage and that lockup works properly.</li></ol>	1							
3. Smoke Generation. Check for correct operation.	1							
<ol> <li>Brakes. Check to see if brakes pull to one side or the other.</li> </ol>	J							300
5. Speedometer. Check for correct operation.	1							
Noises. Check for any unusual noises.	V							
XI. Water Systems Test	100	esta - esta	12.75 20.75 20.75		第一章 第1章	23	<b>李</b>	
<ol> <li>Plenums. Check that plenums close completely. Fan shuts off, (Para, 8–13)</li> </ol>	1							
2. Check if hydraulic bilge pumps operation.	1							
Check-if electric bilge pumps operate.	7				j			
4. Check that jet-drive activates at 1000 to 1200 RPM.	1							
5. Bow Plane Operation 18 4		\$	1457 1475	3		100	300	
<ul> <li>a. Control Valve. Check for proper operation and leaks.</li> </ul>	/							
<ul> <li>b. Bow Plane. Check that it fully extends and retracts.</li> </ul>	/							<i>y</i>
<ul> <li>c. Pivot Actuator. Check for leaks, unusual noise and smooth operation.</li> </ul>	7							
					· · · · · · · · · · · · · · · · · · ·			<del> </del>

#### NOTE

See TM 10004A-25&P/2 for LTI of UGWS Unique Items. See TM 07267B-25&P/4 for LTI of AAVR7A1 Unique Items. See TM 07268B-25&P/2 for LTI of AAVC7A1 Unique Items.

#### APPENDIX C

# ASSAULT AMPHIBIOUS VEHICLE UPGUNNED WEAPONS STATION (UGWS), AAVP7A1

### LIMITED TECHNICAL INSPECTION

TAC No. $\frac{5-11-10}{20200414}$ USMC No. $\frac{52}{1000000000000000000000000000000000000$	310	15			Mi			7 Hours 258
Inspected LOLOGIII Ins	pect							), (b)(6), (b)(7)(c)
*See Table C-1 for UG	WS	Dead	lline	Crit	ria.		<del></del>	
NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
L Basket Weldment	-		~- ·	Σ., 1-2	-54E	5-198 4-177	25. R	THE STATE OF THE S
Basket Weldmeht Clearance.								
<ol> <li>Area around sides of basket weldment clear of obstructions.</li> </ol>								
<ul> <li>b. Area around 12 channel slip ring clear of obstructions.</li> </ul>	•	-						
<ol> <li>12 Channel Slip Ring.</li> </ol>								
a. Electrical connectors tight and in good condition.	/						·	
b. Upper portion of 12-channel slip ring rotates freely.	1							
c. Manual and electrical weapons station operation.								
Power Relay Assembly.								
a. Box secure to bottom of basket.	V,	}				}		
b. Electrical connectors tight and in good condition.	7							
4. Basket inspection	V							
<ul> <li>a. Seat belt secure, latch working properly, belt in good condition.</li> </ul>						V		
b. Stowed items do not overhang basket.	V					-		
<ul> <li>Seat in good condition, locks in all height positions.</li> <li>secure in basket assembly.</li> </ul>	1/			-	عامده وتامد	and Charles		
II. Weapons Station Interior								
1. Turret Power Control Assembly.					1			
a. Box cover secure. Box secure to basket weldment.	/		T			İ		
b. Electrical connector tight and in good condition.	1	T	1			Ì	Ť	
2 Weapon Control Assembly.	T	T			14.5	1		e ga
a Roy come Boy series to backet weldment	1./		1			1	1	

b. Electrical connector tight and in good condition.

NOMENCLATURE/LOCATION	Satisfactory	Missing						Remarks MUST be Included if unserviceable.
3. Traverse Switch Assembly			<b>多</b> 縣	8,75	100	霾		
a. Box cover secure to basket weldment.	/				277mmm.400.w			**************************************
b. Electrical connector tight and in good condition.	EHR				<b>V</b>			electrical lead corroded
4: M36E=ISSPenscope.	建	1	鱰	臺灣	飂	虁	鑿	
<ul> <li>a. Mounting Screws. Check screws for security.</li> <li>Check sight is secure to turret weldment.</li> </ul>	1							
<ul> <li>b. Sight. Check for moisture in window and in mirror.</li> <li>Check condition of glass.</li> </ul>			/					moist in sight head
c. Sight Eyepieces. Check for moisture, condition of reticles, condition of eye-piece pads, and proper operation.	V							some scratches missing eye-pièce
<ol> <li>d. Latch Assembly. Check that latch moves freely, and has spring tension.</li> </ol>	1							
e. Hanger Strap. Check for serviceability.	1							
f. Head Assembly. Check nuts on head assembly for tightness.								
<li>g. Body Assembly. Check mounting hardware for security and that safety wire is present.</li>	<b>V</b>							
<ul> <li>h. Boresight Knobs — Azimuth and Elevation. Check setting on both knobs and record. Turn each knob, check for smooth movement and shift of sight reticle. Reposition knobs to original settings.</li> </ul>	V							
<ol> <li>Sight Power Electrical Connectors. Check that electrical connectors are in good condition.</li> </ol>						V		ground to sight cable is ripped ,
<ul> <li>j. Check for cracks, dents, burns and chipped paint on housing.</li> </ul>	V							
<ul> <li>k. Check that valve cap is tight and retaining strap is not broken or missing.</li> </ul>	V							strap (m)
<ol> <li>Check that both knobs on elbow assembly move freely from LO to HI position.</li> </ol>	1							
<ul> <li>m. Check that lamp holder is tight and packing is installed.</li> </ul>	/							
n. Check that plug or shutter switch is present. If missing, notify supervisor.	1							
<ul> <li>Check that all boresight knobs move freely, and scales can be easily read.</li> </ul>	V		T	T	1			
p. Check ID plate for damage and if it can be easily read. If plate cannot be read, notify supervisor.	V		+	<del> </del>	1		1	
q. Check that shutter switch will not move to ON without pushing safety button first.	J	/	1		T			
<ol> <li>Check that valve cap strap is not damaged or nuissing.</li> </ol>	1	~	1		1			
<ol> <li>Check that all screws are tight on mounting hardware.</li> </ol>	V	-				T		

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
<ol> <li>Gunner's Trigger Switch. Check for security and condition. Check that electrical connectors are tight and in good condition.</li> </ol>	v							
17. Linkage. Check for security and condition.	1			MATERIAL VILLEGE				7945-2018
<ol> <li>Grenade Launcher Inhibit Switch. Check for security and condition. Check that electrical connector is tight and in good condition.</li> </ol>	V			7				APAR PARA PARA PARA PARA PARA PARA PARA
<ol> <li>Elevation Interrupter Switches. Check for condition and security. Check that electrical connectors are tight and in good condition.</li> </ol>	<b>V</b>			**************************************			7	
<ol> <li>Utility Light. Check that light and electrical connector is secure and in good condition.</li> </ol>	$\checkmark$							
21. Communications Box	30424 3044	(SAE)	<b>南部</b>	12 miles	100		報覧	
<ul> <li>a. Check that electrical connector is tight and in good condition.</li> </ul>	V							
b. Check for security and condition.	~							
22.7 Weapons Station. Inspect for damage, security and clarily.	14年 40年 14年 14年 14年 14年 14年 14年 14年 14年 14年 14	撤退		***	が	<b>企</b> 企业	を選ぶる	
<ul> <li>a. Vision Blocks. Inspect for damage, security and clarity.</li> </ul>	/							
<ul> <li>b. Ring Gear. Inspect for damage and corrosion.</li> <li>Should be clean and no grease.</li> </ul>	/							
23. Halch	饕餮	Allen	- The state of the	霧	變	쬃	199	
<ul> <li>Seal, Hatch, Hinges. Inspect for damage, loose hardware and proper operation.</li> </ul>	V							
<ul> <li>Hatch Latch Check. It should lock the hatch closed, hatch vertical to turret and hatch horizontally open in three positions (15 degrees, 90 degrees and 175 degrees).</li> </ul>	V							
<ul> <li>c. Hatch Handle. Check security, condition and proper operation.</li> </ul>	/							
<ul> <li>d. Crash Pads. Inspect pads on hatch and weapons station for security and condition.</li> </ul>				T		V		Torn/worn
24. DAGR						250	1.5	
<ul> <li>a. Check that electrical and antenna connections are tight and in good condition.</li> </ul>		1						_
b. Check for security and condition.	┪	17	1	+-	+	+	+-	<b></b>

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Renair	Reniace	Modify	Remarks MUST be Included if unserviceable.
Exhaust Blower. Check for corrosion and debris. Make sure electrical connectors are tight and in good shape.  Check operation of blower door.			V					Stays on when switch is off. Switch magnetizes
50 Caliber Ammo Ejection Chute. Cleck for condition and security. Ensure that chute is clear of debus.			建築					
a. Check ejection-chute hose for security and condition.	V							
i i	V							
<ol> <li>Equilibrator. Check for corrosion, security and adjustment.</li> </ol>	V							
8. 50 Caliber Ammo Feed System.	1			霧		f	を表現	The state of the s
a. Check security and condition of .50 caliber ammo trays.	V							
b. Check security and condition of roller guides.	./							•
9. 40mm Ammo Feed System:	援		14.72			7 · 🕸		
a. Feed Chute. Check for dents, corrosion and/or damage.	/							
<ul> <li>b. Check feed—chute cover for tears, holes; zipper must move freely. Check attachment points for security and condition.</li> </ul>	1							
c. Check anti-feedback lever for condition and security.	V							
10, 40mm Ammo Box Assembly			12				<b>1</b> 34	AND AND THE PROPERTY OF THE PAR
a. Check security and condition of box, doors, and flaps.	V							
b. Check operation of latches.	V		Ī	T		T		
c. Check that electrical connector on last-round switch is tight and in good condition.	V							4.4
<ol> <li>40mm Charger Assembly. Check condition and security of charger tube.</li> </ol>	V							
12. 40mm Mantlet.		遊	\$ 30 \$4.	至是	<u> </u>			
a. Check condition and security.	V			T				Necds PM
b. Check operation of cover latches.		-	1	+	1	$\top$	$\top$	
<ol> <li>1350 Caliber Mantlet and Cradle. Check condition and security. Check for damage, cracked welds and bare metal.</li> </ol>	~	/						
14. Power-Assist Traverse Mechanism. Check for security, condition and leakage. Make sure that electrical connectors are tight and in good condition.					\			electrical connectorpin are mop on small plug
<ol> <li>Elevation Control Assembly. Check for security and condition.</li> </ol>	1	1					T	Needs PM

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust			Modify	Remarks MUST be Included if unserviceable.
Ⅲ Weapons Station Exterior	썙	繼					2	
<ol> <li>Receptacle, Spot Light. Inspect for corrosion and damage. Check that cover fits securely and is tight.</li> </ol>	/							
2. Mount, Spot Light. Inspect condition and security.	/							Annual Control of the
3. Smoke Grenade Launchers	1000 C	鑑		被殺 多語	3000 3100 3100	35% 25%		AND THE PROPERTY OF THE PARTY O
<ul> <li>a. Tubes. Inspect sight tubes for dents, cracks or corrosion, and security to mounts. Check security of mount to turret.</li> </ul>								
<ul> <li>Electrical Contacts. Check that contacts are tight and free of corrosion.</li> </ul>	1							-
c. Rubber Caps. Check sight caps for condition.		V						1 cap
Entrance Window, Inspect condition and security. Look for signs of moisture.			/					moiture
<ol><li>Sight Cover. Inspect condition and security.</li></ol>			V					Doesn't go down
<ol> <li>40mm Manflet Cover. Check for security and condition. Check operation of latches.</li> </ol>	1	W						1 cap moiture Doesn't go down Needs PM
<ol> <li>Remote Antenna. Check security and condition of cover.</li> </ol>	V							Ť
IV. Functional Tests:		1		爆	1			Service of the servic
Mamial Operation Check for weapons station binding and backlash.					源			
Azimuth. Check movement through 360 degree clockwise and counter-clockwise.	V							
b. Elevation. Check for +45 degree maximum elevation and -8 degree maximum depression.	V				,			
(2) Powered Systems Test Vehicle master switch and futret spowerswitch ON. Check operation is noted.								
a. Control Box Lights. Check that control box lamps light when turret power switch is ON by pressing lamp test all button.	V			, , , , , , , , , , , , , , , , , , ,				
<ul> <li>b. Domelight. Lights in both blue and white switch positions.</li> </ul>	V							·
c. Utility Light. Lights in both red and white.	V							
d. Thermal Elbow Check Only. Ensure the unit shows an image and all controls work.		V	/					Polarity doesn't change
e. Spot Light. Install and check operation.	V	1	T					
f. Exhaust Blower. Check operation,	$\prod$	ν						Doesn't turn off

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
3. Low Arimo System Test		2000 2000 2000		73	100	<b>李</b>		
a. Last-Round Switch OFF. Last-round indicator light     on, triggers do not work.	V			name or many			W	
b. Last-Round Switch ON. Last-round indicator lamp light ON, override switch in up position, triggers work.	· /							
<ul> <li>c. Last-Round Switch OFF. Last-round indicator light OFF, override switch down, triggers work.</li> </ul>			***************************************					
4 • Weapous Station: System * Perform test as prescribed in * Section 3.*						議場		
a. Manual Elevation. Check operation.	V							
<ul> <li>b. Deck Clearance. Check clearance of all obstacles.</li> <li>Check all inhibit zones. Weapons electrical trigger will not fire while in inhibit zones.</li> </ul>	~						181	
5. Smoke Grenade Launcher Test 1778	100	5.分 4等	靈	100	鑁			
a. Tubes. Check that they are clear of grenades.	1					T		
b. Contacts. Check for 24 volts at eight firing pins inside of tubes on smoke grenade launchers. Turret power switches ON, smoke grenade switch ON. hatch in closed and locked position and grenade firing switch depressed.		Wash	/				-	wining cable to inhibit switch is cut
6 DAGR Operational Test Refer to TMHI 5820-1172-13								
a. Check that DAGR passes self-test.		1	1					<u>(</u>
b. Check that DAGR is using vehicle power.			1					
c. Check that DAGR is using remote antenna.								
d. Check functioning of DAGR screen back lighting.			/	T		Ţ		

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E08467K 2 - CAP, Protective, Dust And Moisture Seal: PN A3207525-1 CAGE 80063	5340-01-381-5666	523195	4	Z	29916452	A	\$13.19	\$52,76
BOR457K BAR, Pry: 0.3 lb; PN B107.410 CAGE 05047	\$120-01-355-2064	523195	-1	Z	29916452	Þ	\$9.95	\$9.95
E06467K   DRIFT PIN, Track: PN 2590157-1 CAGE 80064	2530-01-075-8292	523195	-1	Z	29916452	Þ	\$98,54	\$98.54
E08467K   HAMMER, Hand: Sledge; 6 lb wgt, 32 in, le: PN B107,400 CAGE 05047	\$120-00-265-7462	523195	-	Z	29916452	Þ	\$24.48	\$24.48
E08467K HOIST, Wire Rope: PN 4000-20 CAGE 93601	3950-01-071-1746	523195	-	Z	29916452	Þ	\$265,46	\$265.46
E06467K KNIFE, Putty: PN 5120-00-221-1536 CAGE 80244	5120-00-221-1536	523195		Z	29916452	Þ	\$5.11	\$5.11
EDG467X LUBRICATING GUN, Hand: PN 1142 CAGE 1PLS7	4930-00-253-2478	523195	-	Z	29916452	Þ	\$11.67	\$11.67
E09467K MEASURE, Hquid: PN 07472 CAGE 4NSU7	7240-00-255-8113	523195		N	29916452	Þ	\$40.01	\$40.01
E00467K OILER, Hand: PN AS0477-AS-D-D CAGE 58536	4930-00-262-8868	523195	1	N	29916452	>	\$6,47	\$6.47
EDB467X SCREWDRIVER, Flat Tip: 0.250 in. Wildity: PN 66-441 CAGE 63600	5120-00-222-8852	523195		Z	29916452	Þ	\$2.67	\$2.67
E09467K SOCKET, Socket Wrench: 1-1/8 In., 3/4 dr; PN LDI1362 CAGE 55719	5120-01-378-5543	523195	_	Z	29916452	A	\$16.90	\$16.90
E08457K 1 - EXTENSION, Socket Wrench; 1/2 in. dr; 2.000 in. lg; PN 5523A27 CAGE 39428	5120-00-243-1697	523195	_	Z	29916452	Þ	\$6,43	\$6.43
E00457K   1 - EXTENSION, Socket Wrench: 1/2 in. dr; 5,000 in. ly; PN 00553401 CAGE ZD484	5120-00-243-7326	523195	1	Z	29916452	æ	\$6,72	\$6,72
E08467K WRENCH, Box: 3/8 in. wr surf; 7/16 in. wr surf; offset; 12 pt wr surf; PN X81214A CAGE 55719	5120-01-349-1383	523195	e de c	Z	29916452	A	\$9.50	\$9.50
E09467K   W/8FNC14 Roy: 5/8  n wrestiff 3/4 in wrestiff > (fram. 12 pt.	5120-00-224-3138	523195	-	z	29916452	Þ	\$6.59	\$6.59

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TAMON	NOMEN	NIN	SERIAL# QTY	Condition Cod	e SR# SR Status	T/P (\$)	REMARKS
E08467K	CABLE ASSEMBLY, SPEC	01-449-1701	523195 1	R	29843974 SHT PART	\$457.14	
E08467K	NUT, PLAIN, HEXAGON	00-903-5966	523195 20	R	29843974 SHT PART	\$186.20	
E08467K	RING, RETAINING	01-102-3533	523195 1	R	29843974 SHT PART	\$0.43	
E08467K	COVER, ACCESS	01-341-3248	523195 1	R	29843974 SHT PART	\$3.49	
E08467K	O-RING	00-579-7918	523195 1	R	29843974 SHT PART	\$0.57	•
E08467K	PIN, COTTER	00-842-3044	523195 8	R	29843974 SHT PART	\$157.92	
E08467K	WASHER, FLAT	00-809-4061	523195 4	R	29843974 SHT PART	\$23.48	
E08467K	SPRING, HELICAL	00-158-0301	523195 4	R	29843974 SHT PART	\$13.64	
E08467K	PIN, STRAIGHT, HEAD	00-165-8365	523195 4	R	29843974 SHT PART	\$8.68	
E08467K	BEARING, SLEEVE	00-981-3136	523195 16	R	29843974 SHT PART	\$20.48	

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## LIMITED TECHNICHAL INSPECTION

DATE: 2020415

PUF:POSE OF LTI: 50	Π	SERVICE REQUES	T:298716	596
RESPONSIBLE UNIT:	DAABN	SET SERIAL: 524		
NOMENCLATURE: A-A-				2350-01-458-7410
NOMENCLATUR	E NIIN / P/N	SERIAL	QTY DEF CODE	
ENGINE TRANSMISSION	91-463-8066 01-472-3051	37196664 B0145E	1 3	
DE	FECT CODES: S - SERVICA	ABLE U - UNSERVICA	BLE M - MISS	SING
SL-3 COMPLETE: YES / (				
MODS VERIFIED (YES)	10			
LAST PMCS DATE: 201	100214			
CCMMENTS:				
LTI BY PRINT/SIGN DATE: 2000415	(b)(3), (b)(6), (b)(7)(c)	UDITION CODE: A	(b)	)(3), (b)(6), (b)(7)(c)

	PHIBIOUS VEHICLE (AAV7A1) ECHNICAL INSPECTION	
MODEL (CIRCLE ONE)	REF	ERENCES
AAVP7A1	TM 09674A-25&P/4	TM 8F152B-25&P
AAVC7A1	TM 07267B-50	
AAVR7A1	TM 07268B-25&P/2	
TAC NO. 34607	MILES 2-793	
U.S.M.C. NO. 522499	HOURS 536	AND THE STREET OF WHITE PARTY OF WHI
HULL NO. RAM-A-330		
ENGINE NO. 37196664		
TRANSMISSION NO. B 6145 E	, marrial report to the second	
INSPECTOR'S NAME/RAA	IK/SIĆNATI IDE	DATE INSPECTED
(b)(3), (b)(6), (b)(	7)(c)	20200415

NOTE: The following inspection sheets are divided into seven columns. The inspector will place a *check* in the column which best describes the condition of the item being inspected. For those items that cannot be inspected for any reason, the inspector will make an appropriate annotation in the remarks column.

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
. Outside of Vehicle (Forward and Port)			92	3 th 1 th 162-1-1				
1. Hull Forward End. Check for damage and bare metal.	V							
2. Towing Eyes. (Para. 8-33)		45.4% - 7.1						
a. Port.	$\mathbb{Z}$							
b. Starboard.	1/							
3. Headlights. (Para. 11-32)				(#.41) (#.5)				
a. Port.	1/							
b. Starboard.						$\sqrt{}$		wire ext
c. Headlight Guards.					ĺ			
4. Bow Plane. (Para. 10-14)		N						
a. Hinges and Mounting Hardware. (Para. 10-17)							<u> </u>	
b. Bow Plane. (Para. 10-17)	\[							
c. Hydraulic Tubes and Fittings. (Para. 10-16)		<u> </u>					L	
d. Pivot Actuator. (Para. 10-18)		<u> </u>		_				
5. Hull Port Side. Check for damage and bare metal.								
a. Armor Piercing Protection Plates Kit (APK). (Para. 16–26a)		. \						M 1 plate below TC hatch, I loose plate need driver hatch
b. Steps. (Para. 16-29)	IJ							
c. Slope Rack Kit (SRK). (Para. 8-49)	$\bigvee$							
d. Stowage provisions. (Para. 16-37)	1		_	_				
e. Fairings. (Para. 16-28)		4	$\perp$					
f. Standoff Brackets. (Para. 16-27)	v						<u></u>	
g. Hull Bosses. (Para. 16-36)	<u> </u>	<u> </u>		_				
6. Port Track Shroud. Check for loose mounting hardware and damage. (Para. 16–28)								loosebotonard rear
7. Port Final Drive. (Para, 7-18)								
a. Outer Housing.								
b. Bolts.	V							
8. Port Sprocket Carrier. Check for loose mounting hardware and damage. (Para. 7-16)	N N			-				
9. Port Sprockets. (Para. 7-16)								
a. Inner.	7							
b. Outer.	J							

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable,
10. Port Track. (Para. 7–7) Use track wear gage to measure wear. Mark each unserviceable track shoe.								·
a. Track Shoes.	J	,						
b. Track Pads.	1/							
c. Track Pins.	<b>V</b>			·			•	es ou - b - b secondo mon
d. Track Wear.	7							
e. Track Adjustment.			1/			-		20-110-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1
11. Port Road Wheels and Hubs. (Para. 7–12) Circle those numbers which are unserviceable.			-					
a. Road Wheel Cracks/Damage. 1 2 3 4 5 6	$\sqrt{}$							
b. Road Wheel Wear Rings. 1 2 3 4 5 6	V							
c. Hub Oil Leaks. 1 2 3 4 5 6	1							
d. Hub Oil Level. 1 2 3 4 5 6	V							
e. Mounting Hardware. 1 2 3 4 5 6								
12. Port Support Arms. (Para. 7–13)  Circle those numbers which are unserviceable.  1 2 3 4 5 6		1	$\sqrt{}$					Torsion bar cap missing
13. Port Torsion Bars. (Para. 7–13) Circle those numbers which are unserviceable.								
a. Torsion Bars. 1 2 3 4 5 6								
b. Retaining Screws. 1 2 3 4 5 6	$\sqrt{}$							
14. Port Shock Absorbers. (Para, 7-11)								
a. No. 1 Shock.	V/							· · · · · · · · · · · · · · · · · · ·
b. No. 2 Shock.			/					Loose, no cup
c. No. 3 Shock.	V							
d. No. 4 Shock.	V							·
e. Mounting Hardware.	<b>V</b>							
15. Port Front Single Support Roller. (Para. 7-14)								
a. Support Wheel Cracks/Damage.	$\sqrt{}$							
b. Hub Oil Leaks.	V.							
c. Hub Oil Level.								1.2.4.11.11
d. Mounting Hardware.								

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
16. Port Dual Support Roller. (Para, 7-15)					W. 19			
a. Support Wheel Cracks/Damage.	V							
b. Hub Oil Leaks.								
c. Hub Oil Level.	V							
d. Mounting Hardware.	1							
17. Port Rear Single Support Roller. (Para. 7-14)	27.5	11/2	ali (ali)			n (1)		
a. Support Wheel Cracks/Damage.	$\sqrt{}$			<del>(</del>				ATTACACH ATT
b. Hub Oil Leaks.	V.							
c. Hub Oil Level.	1							
d. Mounting Hardware.	1/							
18. Port Slap Guard. (Para. 7–10)  Check for wear and loose mounting hardware.			/					@ 1 Lotton two final slap guard
19. Port Idler Wheel and Hub. (Para. 7-9)			7.5	2 j 25 j				
a. Idler.	V							
b. Outer Wheel.	/							·
c. Inner Wheel.	1/							
d. Mounting Hardware.	V							
e. Oil Level.	1	1						
20. Port Track Tension Adjuster. (Para. 7-8)				11 1		7.	- 1	
a. Track Adjuster Support.	1							
b. Track Adjuster.						V		Major Pitting on machined surface
c. Bleeder Valve.	1/							
d. Grease Fitting.	V							
21. Port Anode. (Para. 8-54) Check for tightness of mounting screw. Make sure there is no paint on anode.	/							
22. Port Midships Bearing. (Para. 9–18) Check for signs of leaks.	V							
23. Drive Shaft. (Para. 9-17) Check for signs of damage.	1							
24. Footman Loop. (Para. 8-50) Check for weld cracks.	1							
25. Port Handrails. (Table 3-1) Check for weld cracks.	1							
26. Port Cargo Hatch Supports. (Para. 8-26)				-				
a. Forward Support.	V							
b. Aft Support.	17	1						'
27. Fuel Tank Pressure Relief Valve (Para. 12–18) and Outlet Cover (Para. 12–12). Check cover and mounting screws for damage. Check relief opens.	~	(			-			
28. Check fuel filter cap. (Para. 12-9)				1	1.7	1		(B) Chain

NOMENCLATURE/LOCATION	Satisfactory	Wissing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
29. Stowage Brackets. Check for weld cracks.	v							
30. Bilge Pump Outlets.			Ì					
a. Hydraulic Pump Outlet. (Para. 8–47)	/							
b. Electric Pump Outlet. (Para. 8-46)	1		AW///				1	
31. Personnel Heater Exhaust Outlet. (Para. 14-14)		\$	şķ.					
a. Outlet Cap.		7			7		,	Broken cap screw
b. Outlet Adapter.					<b>V</b>			Grand Control
32. Exterior Fire Extinguisher Pull Handle. (Para 15-13)	200					78.5		
a. Handle.	1							
b. Wire Seal.	/							
33. External Fuel Tank Drain. Check plug for tightness and leaks. (Para. 12-18)	/					:		
34. Port Deflector. (Para. 9-21) Check for warping and cracks. Check mounting hardware for tightness and damage.	/							
35. Port Reverse Flow Duct. Check for damage and tight mounting hardware. (Para. 9–20)	/		·					
36. Port Propulsion Unit. (Para. 9-20) Check unit for damage and mounting hardware for tightness. Rotate driveshaft to check for free movement of impeller.	1							
. Outside of Vehicle (Aft and Starboard)								
1. Taillights	1							
a Port Taillight. (Para. 11-53)	/							
b. Starboard Taillight. (Para. 11-59)	V							
c. Taillight Guards.	1/							
<ol> <li>Horn. (Para. 11–54) Check for loose mounting hardware, corrosion, and proper electrical connections.</li> </ol>	V							
<ol><li>Tow Cable Stowage Brackets. (Para. 8–27) Check for cracked or bent brackets.</li></ol>	V							
<ol> <li>Towing Pintle. (Para. 8–41) Check for loose mounting hardware. Check pintle for free rotation and proper quick-release operation.</li> </ol>			1					M snap Vings
5. Ramp Plugs. (Para. 8-27) Check for tightness.	$\sqrt{}$							
<ol> <li>Ramp Hinges and Towing Eyes. (Para. 8–27) Check mounting hardware for tightness.</li> </ol>	1							

NOMENCLATURE/LOCATION	Satisfactory	Missina	Service	Adjust	Renair	Replace	Modify	Remarks MUST be Included if unserviceable.
7. Vision Block and Guard. (Para. 8-30)						18.50	3.83	
a. Vision Block Guard.	1							
b. Vision Block.	V							TORAN COM
8. Personnel Hatch. (Para. 8–31)	9/4		, 5		Let			
a. Personnel Hatch Handle (inner and outer).	17		l			S Englishme	tai Aver	i generalista esta en 1921 (de series de Signa de Contra en 1921 de Signa de Signa de Signa (de Signa de Signa Contra de Contra de Contra de Contra de Contra de Contra de Contra de Contra de Contra de Contra de Contra de
b. Personnel Hatch Seal.	1							
c. Hook and Damper.	1/			<u> </u>	╁┈		_	
d. Mounting Hardware.	1	$\vdash$			<u> </u>		<u> </u>	
<ol> <li>Starboard Deflector. Check for warping and cracks. Check mounting hardware for tightness and damage. (Para. 9–20)</li> </ol>								
10. Trailer Receptacle.		27.2	3.5	\$10	ŊĞ.	w.	- 1/2	
a. Cover,	V							
b. Retainer Chain.	V							
11. Starboard Reverse Flow Duct. Check for damage and tight mounting hardware. (Para. 9-20)	1							
<ol> <li>Starboard Propulsion Unit. Check unit for damage and mounting hardware for tightness. Rotate drive shaft to check for free movement of impeller. (Para. 9-20)</li> </ol>	1							
13. Drive Shaft. Check for signs of damage.	1/							
14. Footman Loop. Check for weld cracks.	1./							
15. Starboard Idler Wheel and Hub. (Para. 7-9)	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \				1410	7.		
a. Idler.	/							
b. Outer wheel.			-					
c. Inner wheel,	<del>                                     </del>							
d. Mounting Hardware.	J							
e. Oil Level.	1						-	
16. Starboard Track Tension Adjuster. (Para. 7-8)		. 1 (See	358			2 "-2" 2		
a. Track Adjuster Support.	1			E- 61.1		27.0	- 24.27	The service designation of the property of the service of the serv
b. Track Adjuster.	<del>-</del>		$\int$					Rest on machined surface
c. Bleeder Valve.			ν				-	
d. Grease Fitting.	7				·			
17. Starboard Anode. Check for tightness of mounting screw. Make sure there is no paint on anode. (Para. 8-54)	/							
<ol> <li>Starboard Midships Bearing. Check for signs of leaks. (Para. 9–18)</li> </ol>	$\sqrt{}$							

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
19. Starboard Road Wheels and Hubs. Check those numbers which are unserviceable. (Para. 7–12)								
a. Road Wheel Cracks/Damage. 1 2 3 4 5 6								
b. Road Wheel Wear Rings. 1 2 3 4 5 6	$\vee$				. "			
c. Hub Oil Leaks. 1 2 3 4 5 6								
d. Hub Oil Level.	V							
e. Mounting Hardware. 1 2 3 4 5 6	V							
20. Starboard Support Arms. Circle those numbers which are unserviceable.  1 2 3 4 5 6	$\int$							
<ul> <li>21. Starboard Torsion Bars. Check for broken bar and loose retaining screws. Circle those numbers which are unserviceable.</li> <li>1 2 3 4 5 6</li> </ul>	J					-	·	
22. Starboard Shock Absorbers. (Para. 7–11)		. वृष्ट एक्ट		77				,
a. No. 1 Shock			$\int$					lower cap is mangled
b. No. 2 Shock	/							
c. No. 3 Shock								Failed bushing at support arm connection UPDET mount losse nowat mounting 6017
d. No. 4 Shock			$\sqrt{}$					Morcap, loose Lawer Land Mouting Galt
e. Mounting Hardware.								
23. Starboard Front Single Support Roller. (Para: 7-14)								
a. Support Wheel Cracks/Damage.	/							
b. Hub Oil Leaks.	V							
c. Hub Oil Level.	V,							
d. Mounting Hardware.	1							
24. Starboard Dual Support Roller. (Para. 7-15)								
a. Support Wheel Cracks/Damage.	1/							
b. Hub Oil Leaks.								
c. Hub Oil Level.								
d. Mounting Hardware.	$\int$							
25. Starboard Rear Single Support Roller. (Para. 7-14)	8							
a. Support Wheel Cracks/Damage.	V							
b. Hub Oil Leaks.	$\int$							
c. Hub Oil Level.	J							
d. Mounting Hardware.	4/							

	Satisfactory	ng	8	#	.೬	eo	ý	
NOMENCLATURE/LOCATION	Satis	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
26. Starboard Slap Guard. Check for wear and loose mounting hardware. (Para. 7–10)								
27. Starboard Track. Use track wear gage to measure wear, Mark each unserviceable track shoe. (Para, 7–7)								
a, Track Shoes,	$\sqrt{}$							
b. Track Pads.	V	T.,						
c. Track Pins.	J.							
d, Track Wear.	V.							-
e. Track Adjustment.	V					,		
28. Starboard Sprocket Rings. (Para. 7-16)		**			1.0 1.0			
a. Inner.	$\int_{0}^{\infty}$							
b. Outer.	$\sqrt{}$							
29. Starboard Sprocket Carrier. Check for loose mounting hardware and damage. (Para. 7–16)	$\sqrt{}$							
30. Starboard Final Drive. (Para. 7-18)								
a. Outer Housing.	V-							
b. Bolts.	/							
31. Starboard Side Pontoon. Remove drain plug and check for water. (Para. 8-44)					,			
32. Starboard Track Shroud. Check for loose mounting hardware and damage. (Para. 8–34)					/			2 snapped bolts
33. Starboard Bilge Pump Outlets. (Para. 8-46)							- 1	
a. Hydraulic Pump Outlet.	7							
b. Electric Pump Outlet.	1							
34. Stowage Brackets. Check for weld cracks.								
35. Heater Exhaust Outlet. Check for loose mounting hardware and damage.						1		Corby bet snappact
36. Starboard Cargo Hatch Supports. (Para. 8-26)	1 200				3. A. 3. A.	. 4.7 13.5		
a. Forward Support.	V							
b. Aft Support.					1			(1) latch
c. Hand Rails.	/	<u> </u>						
37. Footman Loop. Check for weld cracks. (Para. 8-50).								

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
38. Starboard Side Hull. Check for damaged and bare metal.								
a. Armor Piercing Protection Plates Kit (APK). (Para. 16-26a)			V					1 plate losse below fund
b. Steps. (Para. 16-29)	,		$\sqrt{}$					@ 2 steps
c. Slope Rack Kit (SRK). (Para. 8-49)	J							
d. Stowage provisions. (Para. 16-37)	$\int$							
e. Fairings. (Para. 16-28)	V				,			
f. Standoff Brackets. (Para. 16-27)	J							
g. Hull Bosses. (Para. 16-36)	V							
II. Bottom of Vehicle	13.5 15.			TO The		an a	r Visit 1994	
Hull. Check bottom of vehicle for damage.	V		-					with
Drain Plugs. Check for missing, tight, or damaged plugs.			E.					,
a. Hull. (Para. 8-42)	V	\			N.			
b. Ramp. (Para. 8-27)	V		- 7,47 97	94. F 14				
c. Contact Cooler, (Para. 8-43)	V							
V. Outside of Vehicle (Topside)								
<ol> <li>Hand Rail (forward). Check for weld cracks or other damage.</li> </ol>	/							
<ol> <li>Mooring Cleats/Lifting Fixtures. Check for damage. (Para. 8-34)</li> </ol>	F							
a. Forward (port and starboard).	V,							
b. Aft (port and starboard).	V							
3. Intake Grille.  NOTE  Make sure intake grille is secured properly in raised position. (Para. 8-13)								
a. Screen.	V_							
b. Brace Rod.	V							my 9 - Laccons
c. Cam Lock Handles/Stop Screws.	<u> </u>		$\checkmark$					@ 2 step screws
d. Torsion Bar Assembly. (Para. 8–17)	1	<u> </u>						
e. Mounting Hardware.	1							
f. Seal.	v/				<u></u>			
<ol> <li>Ventilator-Aspirator. Check that valve works properly and inlet screen is clean and not damaged. (Para. 8–18)</li> </ol>	$\sqrt{}$							
<ol> <li>Radiator Cover and Cap. Check ballistic cover for damage and radiator cap for proper sealing. (Para. 8-19)</li> </ol>								COVER pin in 1921ing spring, washer

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
<ol><li>Center Plate. Check sealing surface for tight fit and retaining screws for tightness.</li></ol>			$\sqrt{}$					(D) 2 mounting ledts
7. Exhaust Grille. (Para. 8–14)		37 B.						
NOTE  Make sure that exhaust grille is secured properly in raised position.								
a. Screen.	V							0.504.000000000000000000000000000000000
b. Seal.	1/							1
c. Brace Rod.	1							
d. Lugs (dogs).	1							
e. Mounting Hardware.	7							
8. Plenum Indicators. (Para. 8–16)			(15)	14%	×, 3		\$.\$1	
a. Intake.	$\sqrt{}$							
b. Exhaust.	/							_
9. Searchlight Mount and Receptacle. Check for damage.					1			Oreceptable covert chain
10. Driver's Hatch. (Para. 8-21)	1							
a. Cover and Hinges.	K	<del></del>	1					ground wire cut
b. Torsion Bar.	X		1					low torsion
c. Latches (open and closed).	1							
d. Seals and Pads.						1		peals destroyed
e. Vision Blocks.	V			<u> </u>				
f. DVE Adapter Assembly.	1							
<ol> <li>Periscope and Support. Check periscope for breaks and chips and support for damage. (Para. 8–24)</li> </ol>						V		periscope cracked
12. Commander's Hatch. (Para. 8-23)					4. (1)		N.	
a. Cover and Hinges.	1/							
b. Torsion Bar.	17							
c. Latches (open and closed).	7							
d. Seals and Pads.	ľ			1	<del> </del>		<u> </u>	
e. Vision Blocks.	1/	<b>-</b>						
<ol> <li>External Exhaust system. Check the external muffler, muffler guard, for damage and operation. (TM 8F152B-25&amp;P/C)</li> </ol>	•							
a. Muffler.	V							
b. Guard.	Ť					1		damaged
c. Pipes/Clamp.	1/	T						

		1	<del></del>	1	ı	ι	r	
NOMENCLATURE/LOCATION	Satisfactory	Missina	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
<ol> <li>Ventilation Exhaust Outlet. Check ballistic cover for damage and tight retaining screws. Check screen for damage.</li> </ol>	1							
15. Overhead Protection Kit (OPK).								
a. OPK Tiles.			1		<u></u>	<u> </u>		BIL folks, - plate uninstale
b. Torsion Bar Assist Mechanism (TBAM) Cover.	7		,					
c. TBAM.	1/			ļ				
d. Bosses.	v V							
16. Cargo Hatches.	1			7.5	77 48-			
a. Covers and Hinges.	1							
b. Torsion Bar.	1						*	
c. Latches (open and closed).	1/		<u> </u>					
d. Seals.	1							
17. Antenna Mounts.		. <u></u> ,	5					
a. Receiving Mount.	1							
b. Port Sending Mount.	1/		-		-			
c. Starboard Sending Mount.	V							
d. PLRS Antenna Mount.	V							
e. DACT Antenna Mount.	1							
<ol> <li>Sea Tow Quick-Release. Check assembly for damage and proper operation.</li> </ol>	V							
V. Engine Compartment (Forward)								
Forward Bulkhead, Bow Pod Access Cover, and Bow Pod.  NOTE  Make sure intake grille is properly secured in raised position.								
a. Bow Plane Velocity Fuse Valves.	17							
b. Bow Pod Access Cover.	1		J					\$00460/ks
c. TACNAV sensor,	J							
2. Intake Plenum Actuating Cylinder.								
a. Cylinder.								
b. Hydraulic Hoses.	1							
3. Carn Roller Lock. Check condition of each latch roller.	7	<u> </u>						

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
4. Cooling Fan.				が表				M bet guard
a. Guard.	F	$\sqrt{}$						bett guard
b. Shroud.								
c. Fan.						<u> </u>		Marinton .
d. Bearings.		<u></u>						
e. Belt Adjustment.								
f. Seals.	V.	Ì						
g. Fan Cartridge Bearing.						:		
h. Drain Tube.	$\overline{V}$							
5. Surge Tank					13.11 A. 14.1 A.			
a. Tank.	17							
b. Valve.	17				۶.			
c. Hose and Tubes.		T .						
d. Mounting Hardware.	V							
6. Crew Ventilation.			11/		- P\.		ļ .	
a. Ducts, Clamps, and Hoses.	1,/							
b. Drain Tube.		1						
7. Control Linkages.	1.12		1					
a. Brake Linkage.	1							
b. Steering Linkage.			1					eyelet bolt love
c. Throttle Linkage.	1							
d. Brake Flood Control Valve Linkage.								
NOTE  Make sure flood valve spindle moves freely.	V							
e. Engine Compartment Exhaust Fan Linkage.	1			Π				
<ol> <li>Transmission Mounts. Check mounts for loose mounting hardware. Check transmission guide and guide rollers for damage.</li> </ol>	1							
9. Electrical Wiring and Connections.								
a. Bulk Head Connectors.								
b. Power Plant Wiring.	1							
c. Crew Vent Fan.	17			1		1		
d. Electrical Bilge Pump.	1	17			"			@ bilge to be part
<ol> <li>Hydrostatic Steering Disconnect Lever. Check lever for correct operation, damage, and wear. Check for leaks.</li> </ol>								

						T		
NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
11. Port Final Drive.						<u> </u>		
a. Oil/Oil Level.	L,		$\sqrt{}$					Oil cloudy
b. Oil Leaks/Seals.			-					
c. Mounting Hardware,	1		,					**************************************
d. Speedometer Adapter/Cable.	1							
<ol> <li>Port U-Joint. Check for wear, tight screws, and proper safety wiring.</li> </ol>	/							
<ol> <li>Port Hydraulic Bilge Pump. Check for oil leaks, loose mounting hardware, damaged screen, and debris.</li> </ol>	V							
<ol> <li>Bilge Pump Bypass Valve. Check for oil leaks, loose mounting hardware, and damaged electrical connections.</li> </ol>	V	- 3						
<ol> <li>Plenum Solenoid Valve. Check for oil leaks, loose mounting hardware, and damaged electrical connection.</li> </ol>	<b>V</b>	<i>(</i>		:				*.
16. Bow Plane Hydraulic tubes. Hoses and Fittings. Check for leaks, loose fittings and loose mounting hardware.	V.			•				
17. Fuel Manifold. Check for fuel leaks and loose mounting hardware.	1							
18. Forward Engine Compartment Fire Extinguisher Discharge Nozzle. Check for damage and debris.	1		~					
<ol> <li>Port Lateral Drive Shaft. Check shaft for damage and coupling for tight mounting screws and proper safety wire.</li> </ol>		,						
<ol> <li>Port Right Angle Drive. Check oil level. Check mounting hardware for looseness. Check for signs of leaks.</li> </ol>								
21. Starboard Final Drive.			8		Í			
a, Oil/Oil Level.	J							
b. Oil Leaks/Seals.	1							
c. Mounting Hardware.	V							
<ol> <li>Starboard U-Joint. Check for wear, tight screws, and proper safety wiring.</li> </ol>	/		-					
23. Starboard Lateral Drive Shaft. Check shaft for damage and coupling for tight mounting screws and proper safety wire.	$\bigvee$							
<ol> <li>Starboard Electrical Bilge Pump. Check screen for debris and damage. Check mounting hardware for tightness.</li> </ol>		(						@ plye tobe

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
<ol> <li>Precleaner. Check cleaner for damage, loose mounting hardware, and loose clamps. Check screen for damage and debris.</li> </ol>	/							
<ol> <li>Crew Ventilation Fan. Check mounting hardware for looseness. Check ducts and clamps for damage and tightness.</li> </ol>								
<ol> <li>Starboard Right Angle Drive. Check oil level. Check mounting hardware for looseness. Check for signs of leaks.</li> </ol>								
28. Starboard Right Angle Drive Shaft. Check condition of shaft coupling for damage. Check coupling bolts for tightness and proper safety wire.						ē		·
<ol> <li>Fan Drive Shaft. Check shaft and coupling for damage or wear. Check safety wire for damage.</li> </ol>	V							
30. Fuel Filter.		project.		1.152				
a. Fuel Leaks.	1							
b. Drain Cock/Contamination.	V,							
c. Electrical Leads/Transducer.	√							
d. Mounting Hardware/Air Valve.	1							
31. Power Takeoff Unit.	1 0 X					7, 117 1544		
a. Oil Leaks.	1/							
b. Mounting Hardware.	IJ							
c. Electrical leads/Connections.								
<ol> <li>Starter. Check that starter is mounted properly. Check electrical leads and connections for damage and proper connections.</li> </ol>								
33. Transmission Oil Cooler. Check for oil and water leaks. Check electrical leads and connections for damage. Check oil lines, hoses, and clamps for tightness.	/				-			
<ol> <li>Exhaust Manifold (starboard side). Check for cracks, holes, and corrosion. Check mounting hardware for tightness.</li> </ol>								

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserv <del>i</del> ceable.
<ol> <li>Transmission. Check for overall cleanliness and damage.</li> </ol>	ļ.,							
a. Leaks.	1					-		
b. Torque converter to engine mounting screw for tightness.	/							
c. Range selector valve for leaks and safety wire.	V.							, , , , , , , , , , , , , , , , , , ,
d. Oil Leaks.	$\sqrt{}$							
<ul> <li>e. Left and right brake and steer sections for leaks and loose mounting bolts.</li> </ul>	/						'	
f. Check brakes for proper adjustment.	/							
g. Check transmission drain line for leaks, damage, and loose drain plug.	/	·						
VI. Engine Compartment (Aft)	J. J.		6	Verr	enfe:			.e.
Exhaust Plenum. Check actuating cylinder and oil lines for leaks. Check condition of plenum seal.								
<ol> <li>Components Bolted on to the Engine. Check for tight mounting hardware, proper electrical connections, damaged hoses and electrical leads, and leaks.</li> </ol>	-	5.						
a. Turbocharger.	V/		-				$\neg$	
b. PT Pump.	1							
c. Exhaust Manifold (port side).	V							
d. Engine Oil Cooler.	[,/]							
e. Engine Oil Filter.	1					j		
f. Intake Manifold.	V	Î						
g. Smoke Generation Components.	V							
h. Cold Start Components.	V							
i. Crankcase Breathers.	17							
3. Transmission Oil Filter.								
a. Mounting Hardware.	V	1						
b. Leaks.	1						$\exists$	
c. Check Electrical Connections.	T/	1						· · · · · · · · · · · · · · · · · · ·
<ol> <li>Engine Oil Level. Check for correct level and signs of contamination. Check dipstick for damage.</li> </ol>			27.000.000.000					
<ol><li>Transmission Oil Level. Check for correct level and signs of contamination. Check fill tube and dipstick for damage.</li></ol>								
<ol> <li>Tachometer Drive Shaft. Check for adapter and cable damage.</li> </ol>			***************************************					

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
<ol> <li>Radiator. Check for radiator damage. Check for water leaks on radiator and coolant tubes.</li> </ol>								
<ol> <li>Exhaust System. Check condition of insulation. Check for loose mounting hardware and damaged scavenging system check valve and for leaks.</li> </ol>			$\sqrt{}$			:		Bellows tule wrap fasteners rollen of Y-collector stroved clamp cracked
<ol> <li>Engine Compartment Exhaust Duct. Check for cracks or other damage. Check mounting hardware and clamps for tightness. Check tubes for proper mounting.</li> </ol>								
<ol> <li>Engine. Check overall condition of engine for cleanliness and fuel, coolant, and oil leaks.</li> </ol>								
11. Generator.			. 4.5					
a. Bracket and Hardware.	<u>/</u> ,	<u> </u>						
b. Pulley and Belt.	V							
c. Adjustment.	1/2							
d. Voltage Regulator	$\bigvee$	<u> </u>						
12. Water Pump. Check for leaks.							130	
a. Pump.	V							
b. Hoses and Tubes.	$\bigvee$						<u> </u>	
c. Belt and Adjustment.	V		<u> </u>			_		No. of the house of the
<ol> <li>Fire Extinguisher Discharge Nozzle. Check for damage, debris, and condition of safety wire.</li> </ol>		-						Sofety wire not installed correctly
14. Engine Oil Heat Exchanger. Check mounting hardware for tightness. Check for oil leaks. Check electrical leads for damage and tight connections.	V							
<ol> <li>Cold Start Disconnect Lever. Check for proper operation, damage, and corrosion.</li> </ol>								
16. Hydraulic Reservoir.					45. (3.)			
a. Oil Leaks.	1/2							
b. Mounting Hardware.	1//							
c. Oil Level.	V/	/						
d. Dipstick for damage.	1/							

	NOMENCLATURE/LOCATION	Satisfactory	Missina	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
VII.	NOTE  Before inspecting troop compartment, open cargo hatches. Sound horn and lower ramp.								
1,	Engine Compartment Access Covers (aft). Check all thumbscrews and clamps for damage and operation. Check covers for correct mating and damage.			,					
	a. Aft Upper.						71		Bottom right is Bentand splitting
	b. Aft Center.			1					(b) 3 60/ts
	c. Aft Lower,				•	,			Bottom right Greken
	d. Port Upper.	VX		1					no rubber seal
	e. Port Lower.	,		/					rubber seal Halling off
	f. Smoke Generation.		1		***	-2.2			poor is missing from panel
2.	Smoke Generation Fuel Control Valve. Check to see if valve operates freely. Check for any damaged components and leaks.	<b>/</b>							
3.	Engine Compartment Fire Extinguisher.			N.			-177		
	a. Bottle and Tag.	1							
	b. Control Valve.	V.							
	c. Clamps.	1							
4.	Troop Ventilation Outlets. Check for free movement and damaged louvers.	1							
5.	Coolant Bypass Tube. Check to see if tube is mounted properly in retaining brackets.		$\sqrt{}$						
6,	Air Cleaner Compartment.	/							* ".
	a. Access Door.								
	b. Retaining Brackets.			7					@ 1260175
	c. Element.	V							
	d. Compartment.	1							
7.	Right Angle Drive Access Cover. Rotate weapon station to gain access to cover. Check cover for proper mating and damage.	/							
8.	Starboard Longitudinal Shaft Cover. Check for damage. Check for loose mounting hardware.	V							
9.	Starboard Longitudinal Shaft. Check shaft for damage and coupling for tight mounting screws and proper safety wire.	$\sqrt{}$							

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
10. Fuel Tank Drains. Check both valves for proper operation. Check fuel lines and fittings for leaks. Check manual shutoff valves to make sure the handle rotates freely.	<i>5</i>							
a. Internal Fuel Tank Drain.	$J_{j}$							
b. External Fuel Tank Drain.	$\mathcal{I}$							
c. Fuel Lines and Fittings.	1/2							
d. Manual Shutoff Valve.								
11. Fuel Tank.	25:11 32:4							
a. Electrical Leads.	V.							
b. Leaks.								
c. Retaining Straps.	/							
d. Breather Cap.	V							
12. Troop Seats.					7			
a. Hinges.	ļ				1			Strad Wissing hinge Pins
b. Supports.	//							
c. Seat Pans.	1/							
d. Cushions.	1							
e. Safety Belts/Straps.	1							
f. Adjusting Rods.	V							
13. Interior Stowage.								
a. MG Cleaning Rod Bracket.								
b. Rifle Brackets.	V							
c. Water Can Supports.	1	-						
d. Seat Stowage Supports.			-					
e. DVE Container.	,	1						WAFF down
f. Portable Fire Extinguisher Bracket.	1	<u></u>						1
g. Pamphlet Stowage Rack.	/		<u> </u>					
h. Ammo Box Bracket.								
i. Hand Oiler Bracket.	1							
j. Tool Box Stowage Support.	V	<u> </u>		ļ -			1	
14. Power Distribution Box. Check to see if box is securely mounted. Check all electrical connections for tightness. Check cover for tight screws. Check slave output power switch for damage.	/				The second secon			

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable,
15. Batteries.								
a. Battery Box Cover.								
b. Holddowns.	Λ	******						
c. Cables and Terminals.	V,							
d. Battery and Terminal Posts.								
e. Battery Box Drains.	Ĭ							THE REPORT OF THE PARTY OF THE
f. Battery Instruction Plate.	/							, <u>, , , , , , , , , , , , , , , , , , </u>
16. Radio Guards. Check guards for damage and loose or missing mounting hardware.	1							
<ol> <li>Deflector Actuator Guards. Check guards for debris and damage. Check mounting hardware for tightness.</li> </ol>				AN M	18. 18. 18.	(10) (10)	2 2 3 3 3	
a. Port	·		1		990 4 A			C 60lts
b. Starboard.		-	$\sqrt{}$	Ç.		X.		66617
18. Water Steer System Components.				185		100 A		
<ul> <li>a. Water-Jet Deflector Position Sensing Module (port and starboard).</li> </ul>				.2				
b. Water-Jet Deflector Servo Module (port and starboard).	/							
<ul> <li>c. Water-Jet Deflector Solenoid Module (port and starboard).</li> </ul>	/							
d. Actuator Cylinders Port and Starboard.	7							
e. Actuator Bracket Port and Starboard.	Ž		_				_	
19. AFSSS Electrical Components.								
a. Sensors/Control Box.	V/.		ĺ					
b. Cables.	7							
c. Test AFSSS using the test set (Item 4, Table 11-1) (Para. 11-70)	J							
20. Dome Lights. Check mounting hardware for tightness. Check for broken or cracked lens and knobs. With master switch ON, check lights for proper operation.					$\sqrt{}$			Aft down light was
21. Aft Slave Receptacle. Check cover and chain for damage. Check insert for corrosion and damage. Check electrical lead for damage and loose connections. Check mounting hardware for tightness.								
22. Troop Ventilation Outlets. Check for free movement and damaged louvers.	<b>7</b>							
23. Ramp Lock Linkage. Check to see that linkage does not bind. Check for bent or warped linkage rods.	$\sqrt{}$							

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
24. Ramp. With ramp lowered, check ramp seal for breaks and spongy condition.								
<ul> <li>Ramp Seal. Check mating with hull in closed position.</li> </ul>								-1
b. Vision Block Cover.	V/							
c. Skid Bars					<u> </u>			
d. Quick-Release (Visual Only).								1,1%
e. Tow Pintle Release.	V					Ì		
25, Deck Plates.						(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)		
a. Deck Plates (port and starboard).	1/							
b. Center Deck Plate.			1					@ 60 145
c. Contact Cooler Bleeder Valve Access Cover.	1/							
d. Bilge Pump Access Cover (port and starboard).	1	<b>V</b>						Flobred cover
e. Tiedown Rings.	1/							
NOTE  Remove troop compartment deck plates before continuing.								**************************************
26. Contact Cooler. Check that bleeder valve is not frozen. Check for signs of leaks.	$V_{\ell}$							1.50
27. Torsion Bars. Check torsion bars for damage.	V							
28. Ramp Cylinder and Cable.								
29. Hydraulic Bilge Pump,			-					
a, Bilge Pump.	€/		١.					
b. Outlet tube.	V							
30. Electric Bilge Pump.				Τ			1.30	
a. Electric Pump.	1//						ļ	
b. Outlet Tube.	1/							
31. Bilges. Check for cleanliness and obvious signs of damage.								
a. Brackets and Mounting Hardware.	V	, 						ę
b. Discharge Tubs and Nozzles.	V							, , , , , , , , , , , , , , , , , , , ,
32. Fire Extinguisher (17 lb).								
a. Mounting Hardware.	1/,	/						
b. Discharge Tub and Seal.	1	$\downarrow$			T.,			
c. Tag Date	V	$\mathcal{T}$						
d. Seal.		1		$\top$				

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
33. Personnel Heater.	17							
a. Mounts.	1						-	
b. Exhaust System and Cover.	7							Cover snapped att
c. Electrical Wiring and Switches.	1							TO THE THEORY OF THE THE THEORY OF THE THEORY OF THE THEORY OF THE THEORY OF THE THEORY OF THE THEORY OF THE THEORY OF THE THEORY OF THE THEORY OF THE THEORY OF THE THEORY OF THE THEORY OF THE THEORY OF THE THEORY OF THE THEORY OF THE THEORY OF THE THEORY OF THE THEORY OF THE THE THEORY OF THE THEORY OF THE THE THEORY OF THE THEORY OF THE THE THE THEORY OF THE THEORY OF THE THEORY OF THE THE THE THE THE THE THE THE THE THE
d. Fuel System.			ra versus.					THE RESIDENCE OF LINES OF LINE
e, Heater Ducts.	V							
<ol> <li>Port Longitudinal Shaft Cover. Check for damage. Check for loose mounting hardware.</li> </ol>						144 14,14 14,14		
<ol> <li>Port Longitudinal Shaft. Check shaft for damage and coupling for tight mounting screws and proper safety wire.</li> </ol>								
36. Radio Mounts.	jů.		ë		3),			
a. Check Mounting Hardware.	1/							
b. Check Radio Mounts.								
c. Check Radio Cables.	V		31					
37. EPLRS Rack.	4	$\neg$	Ĭ.					-
a. Check Mounting Hardware.	17							· · · · · · · · · · · · · · · · · · ·
b. Check Radio Mounts	TV.							
c. Check Radio Cables.	1/1							
III. Driver's and Commander's Station								
1, Access Covers.	\ \ \							
a. Hydrostatic Steer Disconnect Lever.	1/				$\neg$			
b. Final Drive U-Joint.	1. /	,	$\overline{/}$				l.	Latch Stuck
c. Hydraulic Reservoir.								
Flapper Valve. Check spring tension flapper. Check mounting screws for tightness and damage to flapper.			)					
<ol> <li>Fire Extinguisher (7 lb). Check mounting bracket and hardware for tightness. Check tag for date bottle was last weighed. Check wire seat on control head.</li> </ol>	-							
a. Bracket and Mounting Hardware.	V,	1				T		<u> </u>
b. Tag/Date.	V,	1				1		
c. Wire Seal.	<b>√</b> ,					1		
Ramp Lock Handle. Check handle and lock for damage and proper operation.								
5. Ramp Control Valve. Check for damage, loose fittings, leaks, and loose mounting hardware.		-	/					Ramp will not raise

								, sub-enger , sub-
NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
<ol><li>Fire Extinguisher Discharge Handle. Check handle for damage and unbroken wire seal.</li></ol>				1				
<ol><li>Power Train Switch. Move lever and check for binding. Check bail for damage.</li></ol>								
<ol> <li>Mode Selector Switch. Check for missing or damaged toggle switch.</li> </ol>					/			
<ol> <li>Handle Throttle. Move throttle and check for proper operation. Check linkage and cover for damage.</li> </ol>		•						need adjustment
<ol> <li>Gear Selector. Check console for loose mounting hardware for damage. Check movement of selector through all gear range.</li> </ol>								
<ol> <li>Air Cleaner Restrictor Indicator. Check for proper mounting to bulkhead. Check indicator for damage.</li> </ol>								
12. Auxiliary Instrument Panel. Check panel for loose mounting hardware. Check that gages are securely mounted in panel, and that hose connections are tight.								· <u>·</u>
13. Accelerator Pedal.	1 1 A   1				40			
a. Mounting Hardware/Brackets.	V							
b. Pedal and Pedal Stop Screw.	1			Ì				
c. Water Drive Switch.	1							
<ol> <li>Brake Pedal. Apply and release brakes to check binding.</li> </ol>	/	i i						
<ol> <li>Parking Brake Handle. Check for proper operation.         Make sure that parking brake holds and releases properly.     </li> </ol>	/	a property						
16. Steering Wheel. Check wheel for damage. Check operation of wheel tilt. Check for binding linkage. Check steering wheel sensing module for loose mounting hardware or damaged wiring.								
a. Steering Wheel.	V,							
b. Steering Wheel Sensing Module.	V							

NOMENCLATURE/LOCATION	Satisfactory	Missina	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
17. Indicator Panel. Check mounting hardware and grommets for tightness and damage. Check for loose or damaged switches, lights, and buttons.		-						
a. Master Switch.	1							
b. Lamp Test/Warning Cancel Switch.	V							
c. Horn Button.	1/,							747 April 24
d. Panel Lights Brt/Dim Switch.	V							
e. Cold Start Switch.	7,							Section de la companya del companya della companya
f. Starter Button.	17							
g. Light Switch.	1							
h. TACNAV Indicator.	1			-				
i. Tachometer.	1//	-						
j. Speedometer.	11/		, ;					
k. Smoke Generation Indicator Light.	V							
l. Smoke Generation Switch.	1		-					
m. Forward Electric Bilge Pump Switch.	/							
n. Aft Electric Bilge Pump Switch.	1							
o. Aft Electric Bilge Pump Indicator Light.	1							
p. Forward Electric Bilge Pump Indicator Light.	V.					$\neg$		
q. Aft Hydraulic Bilge Pump Indicator Light.	V,							
r. Forward Hydraulic Bilge Pump Indicator Light.	V							
s. Ventilation Switch.	1		$\sqrt{}$			1		Voitters Hi forms on without brack runsi
<ol> <li>Driver's Display Unit. Check for cracked glass and moisture. Check that unit is securely mounted in indicator panel.</li> </ol>								
NOTE  Bar scales and warning lights will be checked during the operational portion of preinduction.								
<ol> <li>Bow Plane Control Valve. Check for damage, loose fittings, leaks, and loose mounting hardware.</li> </ol>								
<ol> <li>Vent Air Outlets. Check driver's and commander's outlets for breaks and cracks. Check to see if outlet rotates freely. Check mounting hardware for tightness.</li> </ol>								
a. Driver's Outlet.	1//		7	j			7	
b. Commander's Outlet.				<u></u>			-	

	tory							
NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
<ol> <li>Vent Air Hoses, Tubes, and Duct. Check for loose clamps and mounting hardware. Check for damaged hoses, tubes, and duct.</li> </ol>								
<ol> <li>Bilge Outlet Tube. Check tube for damage, hoses for cracks, and clamps for tightness.</li> </ol>	<b>/</b>							
23. Instrument Distribution Box. Check that box is securely mounted, and that cover screws are tight. Check all wiring harness connectors for tightness.			$\int$					(°2 60)75
<ol> <li>Forward Slave Receptacle on Instrument Distribution Box. Check cover and chain for damage. Check receptacle for corrosion and damage.</li> </ol>					1			M cover and chain
25. Searchlight Switch. Check for damage and operation.	1/							
26. Ventilation Air Outlet Valve. Check for loose mounting hardware and damaged cable and handle with ball. Open and close outlet and check for binding linkage.			/					linkage binds
27. Data Plates. Check for damage.	1							
28. Manual Fuel Shutoff Handle. Check shaft for damage and grommets for wear. Rotate handle to check for free operation.			$\sqrt{}$					Frozen
29. Driver's Seat. Check seat adjustments for proper operation. Check mounting hardware and brackets for damage and tightness. Check seat supports, pan, belt and cushions for damage.	/							
30. Troop Commander's Seat. Check seat adjustments for proper operation. Check mounting hardware and brackets for damage and tightness. Check seat supports, pan, belt and cushions for damage.	V			-				
31. Interior Decals and Instruction Plates. Check to see that they are readable.	<b></b>	į						
32. Fire Extinguishers (MFSS and AFSSS).  NOTE  At this time all fire suppression system bottles are to be pulled and weighed.								
a. Mounting Hardware.	1							
b. Discharge Tube and Seal.	V.					İ		
c. Tag Date.	1							
d. Seal.	V	,						
<ol> <li>Drive Shaft Guards. Check guards for damage and mounting hardware for tightness.</li> </ol>								

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
X. Equipment Operation								
1. Start vehicle, check operation of the following:	-							
a. Master Switch.	V,							
b. Horn.	V.,							7000
c. Fuel Level Indicator.	V,							7/
d. Battery Generator Indicator.	1/			-				
e. Electric Bilge Pumps (forward and aft).	V/							, , , , , , , , , , , , , , , , , , ,
f. Panel Lights (brt/dim).	1							
g. Display Panel Warning Lights.	1		-	<u> </u>				
h. Vent Switch Low Position.	$\sqrt{}$						y -	
<ol> <li>Perform Diagnostic Test Equipment checks in accordance with TM 09674A-25&amp;P/4, (See worksheet at the end of this Appendix).</li> </ol>		,						-
Vehicle Stall Check. With brakes locked, and gear selector in 4th gear, accelerate fully and check the following:      Brakes	4.			27 (A) 41 (A)	Kwai Wi	*(		
a. Brakes.	V,							· · · · · · · · · · · · · · · · · · ·
b. Transmission.	V							
c. Engine. RPM.								2500
d. TACNAV Indicator. Check that system powers and display works.	/							
4. Lights Check that lights work properly.								
a. Light Switch.	$\sqrt{}$							<u></u>
b. Service Drive.	1		•			1		.,
c. Dimmer Switch.	1							
d. Blackout Markers.	$\sqrt{}$							
e. Stop Light.	7							
f. Park.								
g. Searchlight.	/	Ť						/
h. Interior Dome Lights.		$\neg$	$\mathcal{I}$			_		Attome light (100)
<ol><li>Driver's Viewer Enhancer (DVE). Check that power system works.</li></ol>	7	-						
Lamp Test/Warning Cancel Switch. Check audio signal with proper comm helmet.	7							

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
X. Functional Road Test						Y.		
1. Steering. Check operation and drift.	1							and the state of t
<ol><li>Gear Ranges. Check for slippage and that lockup works properly.</li></ol>	1							
3. Smoke Generation. Check for correct operation.	/						,	
<ol> <li>Brakes. Check to see if brakes pull to one side or the other.</li> </ol>	1							
5. Speedometer. Check for correct operation.	1					ļ		
6. Noises. Check for any unusual noises.	1				ļ			
XI. Water Systems Test								
1. Plenums. Check that plenums close completely. Fan shuts off. (Para. 8-13)	1							
2. Check if hydraulic bilge pumps operation.	1							4
3. Check if electric bilge pumps operate.	1							
4. Check that jet drive activates at 1000 to 1200 RPM.	1						<u> </u>	
5. Bow Plane Operation.			3. (Z			15 %		
<ul> <li>a. Control Valve. Check for proper operation and leaks.</li> </ul>								
<ul> <li>b. Bow Plane. Check that it fully extends and retracts.</li> </ul>								
<ul> <li>c. Pivot Actuator. Check for leaks, unusual noise and smooth operation.</li> </ul>								

NOTE

See TM 10004A-25&P/2 for LTI of UGWS Unique Items. See TM 07267B-25&P/4 for LTI of AAVR7A1 Unique Items. See TM 07268B-25&P/2 for LTI of AAVC7A1 Unique Items.

## APPENDIX C

## ASSAULT AMPHIBIOUS VEHICLE UPGUNNED WEAPONS STATION (ÚGVIS - ALAVPTA)

## LIMITED TECHNICAL INSPECTION

TAC No. 34607 USMC No. 5			ĺ		Mi			(b)(6), (b)(7)(c)	
Trans Inspected 2000 717	Enspecied LOLO 0915 Inspector							( (b)(0), (b)(7)(c) \( \text{S1=BANIET:} \)	
*See Table Colling	*See Table Colifie UBWS Deadline Cri								
HOMENGLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Robbin	Heplace	Wedity	Remarke NUST be inoluded il uncerviceable.	
1. Basket Weldment	D				-	1			
1. Baske: Weldment Clearance.		W7 D.			; ;	ì	f		
i. Area incund vides of tasker weldment clear of thematicals.		1			î	:	ì		
<ol> <li>Ases around 12 channer slip sing river of countries.</li> </ol>	$\checkmark$	}	1		,				
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						<u>,</u>			

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
3. Traverse Switch Assembly	2014.	- 30 - 30		100	1000	100 mg	35. (n.)	And the second of the second o
a. Вох cover secure to basket weldment.		4	$\sqrt{}$		V			lease
b. Electrical connector tight and in good condition.	$\checkmark$							:
4. M36E-TSS Репясоре.	100	100	T A			使源 発統		
<ul> <li>a. Mounting Screws. Check screws for security.</li> <li>Check sight is secure to turnet weldment.</li> </ul>	$\checkmark$							- The state of the
<ul> <li>b. Sight. Check for moisture in window and in mirror.</li> <li>Check condition of glass.</li> </ul>	/							
<ul> <li>c. Sight Eyepieces. Check for moisture, condition of reticles, condition of eye—piece pads, and proper operation.</li> </ul>	/							
<li>d. Latch Assembly. Check that latch moves freely, and has spring tension.</li>	1							
e. Hanger Strap. Check for serviceability.	17							
<ol> <li>Head Assembly. Check nuts on head assembly for lightness.</li> </ol>	1							
g. Body Assembly. Check mounting hardware for security and that safety wire is present.	/							
<ul> <li>Boresight Knobs - Azimuth and Elevation. Check setting on both knobs and record. Turn each knob. check for smooth movement and shift of sight reticle. Reposition knobs to original settings.</li> </ul>	/							
<ul> <li>i Sight Fower Electrical Connectors. Check that electrical connectors are in good condition.</li> </ul>	V							
<ol> <li>Check for cracks, dents, burns and chipped paint on housing.</li> </ol>								
<ul> <li>k. Check that valve cap is tight and retaining strap is not broken or missing.</li> </ul>	1							
<ol> <li>Check that both knobs on elbow assembly move freely from LO to HI position.</li> </ol>	V							
m. Check that lamp holder is tight and packing is installed.	/							
n. Theck that plug or shuffer switch is present. If missing, malfy supervisor.	1							
<ul> <li>Check that all boresight knobs move freely, and scales can be easily read.</li> </ul>	/							
p Check ID plate for damage and if it can be easily trail. If plate cannot be read, notify supervisor.	1							
्र Check that shutter switch मधी not move to ON without pushing safety house fast.	1			Ī				
<ol> <li>Check that with except strap is not decayed or missing.</li> </ol>	/							
<ol> <li>The sk diad all screens are light on excussing barry are.</li> </ol>	/				The same of the sa			

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NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
<ol> <li>Exhaust Blower. Check for corrosion and debris. Make sure electrical connectors are tight and in good shape. Check operation of blower door.</li> </ol>			✓					inop
6 .50 Caliber Animo Bjernon Christ. Check for condition. and security. Hastire that charte is clear of debris. (			148000					
<ul> <li>a. C'heck ejection-chute hose for security and condition.</li> </ul>			1					needs clamp
<ul> <li>b. Spent-Cartridge Box. Check security and condition.</li> <li>Check operation of latches.</li> </ul>	/							
<ol> <li>Equilibrator. Check for corrosion, security and adjustment.</li> </ol>								
8. 50 Caliber Ammo Feed System	\$ K.E.	٠ ټ و	18 Te	v −1 cy+2	5-1 1-2-24	ু ঠা প্রাপ্তি	***	State of the first of the same
a. Check security and condition of .50 caliber ammo trays.	/							
b. Check security and condition of roller guides.	/							
9. 40mm Ammo Feed System	14.5	44	2-12	4.8	2.242	-1.75 -1.75	*** ****	anggang signi sama an arang sama an arang signi sama sama sama sama sama sama sama sam
<ul> <li>Feed Chute. Check for dents, corrosion and/or damage.</li> </ul>	$\checkmark$							
<ul> <li>b. Check feed-chute cover for tears, holes; zipper must move freely. Check attachment points for security and condition.</li> </ul>	1							
e. Check anti-feedback lever for condition and security.					İ			
10. 40mm Ammo Box Assembly		17.4.	7.5	135	155		,55	
a Check security and condition of box, doors, and daps.	V							
to Theck operation of lateites.	1	Ì				Ť	1	
<ul> <li>Check that electrical connector on last-round switch is right and in good condition.</li> </ul>	1							
11 40mm Charger Assembly Check condition and security of charger tube.								
12. 40mm Mantlet.	Π		<u> </u>	T		Τ		
a. Check condition and security		/		T				@ cover
5 Check operation of cover latches.	1/	1						
13 159 Chliber Mandet and Cradle. Check condition and security. Thesis is a duringe, cracked welds and thre- metal.	V							
14 Power-Assist Traverse Mechanism. Check for security condition and leakage. Make sure that electrical connectors are light and in good condition.			1					electrical traverse ino,
15 Flevation Contr.(Assembly Check for security and variation.	V							

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
<ol> <li>Gunner's Trigger Switch. Check for security and condition. Check that electrical connectors are tight and in good condition.</li> </ol>			$\checkmark$					inop
17. Linkage. Check for security and condition.	$\mathcal{I}$					~~~		A THE RESERVE THE PROPERTY OF
18. Grenade Launcher Inhibit Switch. Check for security and condition. Check that electrical connector is tight and in good condition.	/							
<ol> <li>Elevation Interrupter Switches. Check for condition and security. Check that electrical connectors are tight and in good condition.</li> </ol>								
20. Utility Light. Check that light and electrical connector is secure and in good condition.			V					Gon;
21. Communications Box.	5	1,32	7	14	1. (\$1.5) 1. (\$1.5)	3 5 3	, a	Notice of the property of the
<ul> <li>a. Check that electrical connector is tight and in good condition.</li> </ul>			1					not mounted
b. Check for security and condition.	/			_	-			
22. Weapons Station. Inspect for damage, security and clarity.	ν		- 5,	-교기: 기계 원 기계 원	7	7 - 17 7 - 17 7 - 17		
<ul> <li>a. Vision Blocks. Inspect for damage, security and clarity.</li> </ul>								1 cracked
<ul> <li>Ring Gear. Inspect for damage and corresion.</li> <li>Should be clean and no grease.</li> </ul>	1							
23. Hatch	1	1	1-		1		-	
<ul> <li>a. Seal, Hatch, Hinges. Inspect for damage, loose hardware and proper operation.</li> </ul>								
b Hatch Latch Check. It should lock the hatch closed, hatch vertical to turrel and hatch horizontally open in three positions (15 degrees, 90 degrees and 175 degrees).	/							
<ul> <li>c. Hatch Handle. Check security, condition and proper operation.</li> </ul>	$\sqrt{}$							
<li>d. Crash Pads. Inspect pads on hatch and weapons station for security and condition.</li>		/						0
24. DAGR.	T	İ	1			1	1	
<ul> <li>Theck that electrical and antenno connections are ught and in occid condinon.</li> </ul>					1		1	
b. The k for security and emplified.	<del></del> -	-	<del>1</del>	+	<del> </del>			

NOMENGLATURE/LOCATION	Satisfactory	Missing	Service	Adjust			Modify	Remarks MUST be Included if unserviceable.
III. Weapons Stabon Exterior	1		188				4	
Receptacle, Spot Light. Inspect for corrosion and damage. Check that cover fits securely and is tight.								
2. Mount, Spot Light. Inspect condition and security.	/							
3. Smoke Grenade Launchers		連	を開	ディス サポ	福		三 <u>成</u> 3(数)	Section in the section of the sectio
Tubes. Inspect sight tubes for dents, cracks or corrosion, and security to mounts. Check security of mount to turnet.								
<ul> <li>Electrical Contacts. Check that contacts are tight and free of corrosion.</li> </ul>								
c. Rubber Caps. Check sight caps for condition.								
<ol> <li>Entrance Window. Inspect condition and security. Look for signs of moisture.</li> </ol>	/							
5. Sight Cover. Inspect condition and security.	/							
6 40mm Mandet Cover. Check for security and condition. Check operation of latches.		1						(w)
<ol> <li>Remote Antenna. Check security and condition of cover.</li> </ol>	/					,		
IV. Functional Tests.			1.2	25 gen 7-25	१५४५) संस्थ	3.35	* *	5 - · · ·
1. Manual Operation. Check for weapons station binding and backlash		1.53	(1) (1) (1) (1) (1) (1) (1)	Tan Sala		· · · · · · · · · · · · · · · · · · ·	を記される。	一 (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)
Azinnuh. Check movement through 360 degree clockwise and counter-clockwise.	<b>/</b>							
<ul> <li>b. Elevation. Check for ±45 degree maximum elevation and ±8 degree maximum depression.</li> </ul>	V							
2 Powered Systems Test. Vehicle master switch and turnet power switch ON. Check operation as noted.			1.45%		19	海海	高	
<ol> <li>Control Box Lights. Check that coursol box lamps light when turret power switch is ON by pressing lamp test all button.</li> </ol>		-						
b Domelight. Lights in both blue and white swarch positions			-					
Valig Light Light witch as all that		!	1				<u></u>	inop
t Thermal Filoto Check and Choose the and such an mage and an orange work.	V							
e. Spor Leght. Install and check operation	1		1					
Exhaust blower Chesh operation.			V					(nop

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
. Low Animo System Test.	386. 388		行(基) (新聞	E All	2 - 10 / 2 20 12 / 2	<b>李俊</b>	142 h	The residence of the second second
<ul> <li>a. Last-Round Switch OFF. Last-round indicator light on, triggers do not work.</li> </ul>	£				$\sqrt{}$			trigger inop
<ul> <li>b. Last-Round Switch ON. Last-round indicator lamp light ON, override switch in up position, triggers work.</li> </ul>					V			trigger inop
<ul> <li>c. Last-Round Switch OFF. Last-round indicator light OFF, override switch down, triggers work.</li> </ul>					1			Avigger inop
Weapons Station System. Perform test as prescribed in Section 3.		24.						
a. Manual Elevation. Check operation.	1./		<u> </u>			<u> </u>		
<ul> <li>Deck Clearance. Check clearance of all obstacles.</li> <li>Check all inhibit zones. Weapons electrical trigger will not fire while in inhibit zones.</li> </ul>	/							
5. Smoke Grenade Launcher Test.	1	İ				Ì		
a. Tubes. Check that they are clear of grenades.	1		T	1				
b. Contacts. Check for 24 volts at eight firing pins inside of tubes on smoke grenade launchers. Turrer power switches ON, smoke grenade switch ON, hatch in closed and locked position and grenade firing switch depressed.	J							
6. DAGR Operational Test. Refer to TM 11-5820-1172-13.								145 to 15
a. Check that DAGR passes self-test		1	Ī			1	İ	
b. Check that DAGR is using vehicle power.	1	1			1		T	
c. Check that DAGR is using temote antenna.	1	1		1	1	T		The state of the s
d. Check functioning of DAGR screen back lighting		1	1	1	1			

E08467K	PINTLE ASSEMBLY, TOW	01-193-2117	522499 1	R	29871696 SHT PART	\$1,255.41
E08467K	O-RING	00-580-4394	522499 1	R	29871696 SHT PART	\$0.26
E08467K	O-RING	00-641-3407	522499 1	R	29871696 SHT PART	\$0.35
E08467K	WASHER, KEY	00-162-0386	522499 1	R	29871696.SHT PART	\$4.22
E08467K	NUT, PLAIN, HEXAGON	00-761-6872	522499 1	R	29871696 SHT PART	\$15.85
E08467K	BATTERY, STORAGE	01-485-1472	522499 2	R	29871696 SHT PART	\$731.78
08467K	CABLE ASSEMBLY, R	01-226-2442	522499 6	R	29871696 SHT PART	\$285.00
E08467K	CABLE ASSEMBLY, R	01-301-0834	522499 6	R	29871696 SHT PART	\$318.84
E08467K	COLLET, SPECIAL	01-435-8079	522499 10	R	29871696 SHT PART	\$41,60

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## LIMITED TECHNICHAL INSPECTION

DAI- 100915				
PURPOSE OF LTI: 54	1	SERVICE REQUEST:	2994079	<u></u>
RESPONSIBLE UNIT: 30	AABN	SET SERIAL: 523	768	
NOMENCLATURE: AAV		TAMN: E08467	K NSN: 235	4-01-458-7410
NOMENCLATURE	NIIN / P/N .	<u> </u>	TY DEF	REMARKS
ENGING TLANSMUSSION	01463 8066	3722/347 1	CODE:	
		i	:	
	,	ABLE U - UNSERVICABL	E M - MISSING	<del></del>
SL-S COMPLETE: YES /(NO/ MODS VERIFIED: YES/ NO				
LAST PMCS DATE: 2020	6718			
CCMMENTS: / 1645 1 067083799, 5P	EXTENSION . QTY 1. O OUT CAN FLEXIBL	96-086-4293 FI F, QTY/, 00'-177	XTURE, ASSEMI	BLY, QTY1,
		INITION CODE: 🏲		
LTI BY PRINT/SIG  DATE: 202084/3	(b)(3), (b)(6), (b)(7)(c)	.TI BY PRINT/SIG	(b)(3),	(b)(6), (b)(7)(c)

	SIOUS VEHICLE (AAV7A1) INICAL INSPECTION	
MODEL (CIRCLE ONE)	REF	ERENCES
AAVP7A1	TM 09674A-25&P/4	TM 8F152B-25&P
AAVC7A1	TM 07267B-50	
AAVR7A1	TM 07268B-25&P/2	
TAC NO. 3-11-05	MILES 360	1112 (11112 (1112 (1112 (1112 (1112 (1112 (11112 (1112 (1112) (11112 (1112 (1112 (1112 (1112 (1112 (1112 (1112 (1112 (1112 (1112 (1112 (1112 (1112 (11
U.S.M.C. NO. 527768	HOURS 1643	
HULL NO. RAM-Y-358		, 0000-11000-11000-1100-1100-1100-1100-1
ENGINE NO. 37221347		
TRANSMISSION NO. 200 4233	1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
INSPECTOR'S NAME/RANK/S	ĮGNATURE	DATE INSPECTED
(b)(3), (b)(6), (b)(7)(c)		20200314
		or will place a check in

the column which best describes the condition of the item being inspected. For those items that cannot be inspected for any reason, the inspector will make an appropriate annotation in the remarks column.



NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Included	arks MUS if unserv	
Outside of Vehicle (Forward and Port)	-5.3	隻遊	<b>清意</b>			<b>京装</b>		14-11-12-2		
. Hull Forward End. Check for damage and bare metal.	V								OILIAA.TT	
2. Towing Eyes. (Para 8–33)		17.75 17.75	超少型 64.43	4976 号3階	155.0° 255.0°			angegaan elepare angegaan elepare	andres (*) Santa (*)	
a. Port.	J									
b. Starboard.	V									
3. Headlights. (Para. 11–32)	kati	网络	一件 结分	<b>联会</b> 的 模拟的	100 P	2480 2500			(SAMONE) SAMONE	STATES OF THE ST
a. Port.	'V									
b. Starboard.	V									
c. Headlight Guards.	V									
4. Bow Plane. (Para: 10-14)		3.0	24.5 \$4.5	e'i Gje-1	有可能 制度量		100 A			
a. Hinges and Mounting Hardware. (Para. 10-17)	0						<u> </u>	<u></u>		
b. Bow Plane. (Para. 10-17)	V	]				<u> </u>				
c. Hydraulic Tubes and Fittings. (Para. 10-16)	V									
d. Pivot Actuator. (Para. 10-18)	V									
5. Hull Port Side. Check for damage and bare metal.				-		22.5			Horasa	
a. Armor Piercing Protection Plates Kit (APK). (Para. 16–26a)	V									
b. Steps. (Para. 16-29)	Q									
c. Slope Rack Kit (SRK). (Para. 8-49)	V									
d. Stowage provisions. (Para. 16-37)	V									
e. Fairings. (Para. 16-28)										
f. Standoff Brackets. (Para. 16-27)										
g. Hull Bosses. (Para. 16-36)	7			l						
6. Port Track Shroud. Check for loose mounting hardware and damage. (Para. 16–28)				/				(M)	2 1	10 PS
7. Port Final Drive. (Para. 7–18)					÷ 335	i hij			New York	Charle Sales
a. Outer Housing.	\~	. / -	TV					450 0	zwóci	100
b. Bolts.	Tv	7	Ī							, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
8. Port Sprocket Carrier. Check for loose mounting hardware and damage. (Para. 7–16)										
9. Port Sprockets. (Para. 7-16)								- 1		-
a. Inner.	1	Л,					Τ			
b. Outer.	1	7		1						

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adlust	Benair	Replace	Modify	Remarks MUST be Included if unserviceable.
11 Port Track (Para 7-7) Use track wear gage to micasore wear Mark each unserviceable track shoe.	45 48 48			<b>建筑</b>				
a. Track Shoes.		1999	7/.35	"Eg effe	A 15 15 15	225403	可能效益	。 東京學院院的學術學院的學術學院的學術學院的學術學
b. Track Pads.	Ü					<del>                                     </del>	-	
c. Track Pins.	17					<del>                                     </del>		
d. Track Wear.	₩	,		*********		ļ		THE RESERVE AND ASSESSMENT OF THE PROPERTY OF
e. Track Adjustment.	17			-		-		
12 Port Road Wheels and Hubs. (Para. 7–12)  Circle those numbers which are inserviceable.		養養	を できる できる できる できる できる できる できる できる できる できる	200 200 200 200 200 200 200 200 200 200		類型	· · · · · · · · · · · · · · · · · · ·	
a. Road Wheel Cracks/Damage. 1 2 3 4 5 6	V							
b. Road Wheel Wear Rings. 12345 б	$  \vee  $		<u></u>					
c. Hub Oil Leaks. 1 2 3 4 5 6	1							
d. Hub Oil Level. 1 2 3 4 5 6	$\mathbb{Z}$							
e. Mounting Hardware. 1 2 3 4 5 6	\ <u> </u>							
13. Port Support Arms. (Para, 7–13)  Circle those numbers which are unserviceable.  1 2 3 4 5 6	$\bigvee$	***************************************						
14 Port Torsion Bars. (Para 7–13)  Circle those numbers which are unserviceable.	· · · · · · · · · · · · · · · · · · ·		1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2			では 対象	1 200	
a. Torsion Bars. 1 2 3 4 5 6	\ <u> </u>							
b. Retaining Screws. 1 2 3 4 5 6	$\bigvee$	1				<u>.  </u>		
15. Port Shock Absorbers. (Para 7-11)		E Tre-	月報					THE STATE OF THE PROPERTY OF T
a. No. 1 Shock.	V	-	$\bot$	_			1	
b. No. 2 Shock.	V		_	1				
c. No. 3 Shock.	V			_		_		
d. No. 4 Shock.	$\perp$			<u>J</u>	-			rustee
e. Mounting Hardware.			$\perp$	$\perp$		$\perp$		
16. Port Front Single Support Roller. (Para. 7-14)	蹇 ※	54 TQ	हुई प्र	¥5. 意	MI Y		12 구를	
a. Support Wheel Cracks Damage.	$\vee$							
b. Hub Oil Leaks.	1	/		$\perp$				
c. Hub Oil Level.			\	$\int$				
d. Mounting Hardware.	-   `	V .	1		1			

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
17. Port Dual Support Roller (Para 7=15)		100			<b>野</b>		饕	
a. Support Wheel Cracks/Damage.	J							
b. Hub Oil Leaks.	V							
c. Hub Oil Level.	$\sqrt{}$							
d. Mounting Hardware.	V							
18. Port Rear Single Support Roller. (Para. 7-14)			桑	4	142	影響	1886 1886 1886	The state of the s
a. Support Wheel Cracks/Damage.	J							regorgement programment was an extensive the extensive at the extensive
b. Hub Oil Leaks.	V,							And the state of t
c. Hub Oil Level.	V ,							
d. Mounting Hardware.	V							
19. Port Slap Guard. (Para, 7–10) Check for wear and loose mounting hardware.	V							
20. Port Idler Wheel and Hub. (Para. 7-9)	30	\$1.50 1.00 1.00 1.00 1.00 1.00 1.00 1.00	533		12	四层	39 miles	
a. Idler.	V							
b. Outer Wheel.	U							·
c. Inner Wheel.	V							
d. Mounting Hardware.	$\bigvee$							
e. Oil Level.	$\cup$							
21. Port Track Tension Adjuster. (Para. 7-8)	17.55 4.57	- 3	7.4		100	i j	38	
a. Track Adjuster Support.	V							
b. Track Adjuster.	N							
c. Bleeder Valve.	V,					T	T	
d. Grease Fitting.	$\vee$							
<ol> <li>Port Anode. (Para. 8-53) Check for tightness of mounting screw. Make sure there is no paint on anode.</li> </ol>	V	]						
<ol> <li>Port Midships Bearing. (Para. 9–18) Check for signs of leaks.</li> </ol>	V							
24. Drive Shaft. (Para. 9-17) Check for signs of damage.	V		1	1	1	1	T	
25. Footman Loop. (Para.) Check for weld cracks.	V	/		1		T	1	
26. Port Handrails. (Para. ) Check for weld cracks.	V	$\top$	T		1	$\top$	T	
27. Port Cargo Hatch Supports. (Para.)	1.5		- - : -			S 2	3 S.	SA PAGE CONTRACTOR
a. Forward Support.	1		1	1	1		$\top$	
b. Aft Support.	V	/	Τ	$\top$	1	1	$\top$	
28. Fuel Tank Pressure Relief Valve and Outlet Cover. (Para.) Check cover and mounting screws for damage Check relief opens.	V	/						
29. Check fuel filter cap. (Para.)	Ţ,							

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NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Wodify	Remarks MUST be Included if unserviceable.
30. Stowage Brackets. Check for weld cracks.	$\vee$							
31 Bilge Pump Outlets	文字 有数	<b>元素</b>	海湖	等法	100	数	覆	
a. Hydraulic Pump Outlet.	√,							107 A 2 A 1 A 1 A 1 A 1 A 1 A 1 A 1 A 1 A 1
b. Electric Pump Outlet.	$  \vee  $							· ·
32 Personnel Heater Exhaust Outlet		27-50 \$70-25 \$70-25	学研		学に			
a. Outlet Cap.	$\lor$			***************************************				
b. Outlet Adapter.	V							
33. Exterior Fire Extinguisher Pull Handle.	李克	1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	10 mg	5.7	蘶	(表表 ) (1)	3	
a. Handle.	M							
b. Wire Seal.	$ec{ec{ec}}$							
<ol> <li>External Fuel Tank Drain. Check plug for tightness and leaks.</li> </ol>	V							
35. Port Deflector. Check for warping and cracks.  Check mounting hardware for tightness and damage.	V							
<ol> <li>Port Reverse Flow Duct. Check for damage and tight mounting hardware.</li> </ol>	V		·					
37. Fuel Tank Pressure Relief Valve Outlet Cover. Check cover and mounting screws for damage.	V				,			
<ol> <li>Port Propulsion Unit. Check unit for damage and mounting hardware for tightness. Rotate driveshaft to check for free movement of impeller.</li> </ol>	V							
Outside of Vehicle (Afr and Starboard)		1	X	揺	4 22 15 10 20	3.数 包装	19/8 (1883)	
1. Taillights and the state of		1.4		<b>乳</b> 鹽		13.28	型度	
a. Port Taillight.	Į						T	
b. Starboard Taillight.	V			T			1	
c. Taillight Guards.	V			T	Î			
<ol> <li>Horn. Check for loose mounting hardware, corrosion, and proper electrical connections.</li> </ol>	U							
3 Tow Cable Stowage Brackets. Check for cracked or bent brackets.	V							
4 Towing Pintle. Check for loose mounting hardware. Check pintle for free rotation and proper quick-release operation.								
5. Ramp Plugs. Check for tightness.	N						T	
<ul> <li>Ramp Hinges and Towing Eyes. Check mounting hardware for tightness.</li> </ul>	V			T				

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
7. Vision Block and Guard	(2) (2) (2) (2) (4)	10 10 10 10 10 10 10 10 10 10 10 10 10 1	力能 発生	型法 基礎	25 E	<b>克勒</b>	<b>海影</b>	
a. Vision Block Guard.	V							
b. Vision Block.	V							
8. Personnel Hatch		122m	900			機能	<b>李</b> 瑟	
a. Personnel Hatch Handle (inner and outer).	V							
b. Personnel Hatch Seal.	V							
c. Hook and Damper.	V							
d. Mounting Hardware.	V							
<ol> <li>Starboard Deflector. Check for warping and cracks.</li> <li>Check mounting hardware for tightness and damage.</li> </ol>	V							
10. Trailer Receptacle.	豪	***		被	藝		187	<b>建</b> 模型 北方建筑基础
a. Cover.	V							
b. Retainer Chain.	V							
<ol> <li>Starboard Reverse Flow Duct. Check for damage and tight mounting hardware.</li> </ol>	V							
12. Starboard Propulsion Unit. Check unit for damage and mounting hardware for tightness. Rotate drive shaft to check for free movement of impeller.	V							
13. Drive Shaft. Check for signs of damage.	V					1		CONTRACTOR OF THE PROPERTY OF
14. Footman Loop. Check for weld cracks.	V			T			T	the second secon
15, Starboard Idler Wheel and Hub			Z.	1 篇			i Ini Jara	
a. Idler.	V			T	Ţ			
b. Outer wheel.								
c. Inner wheel.	V							
d. Mounting Hardware.	V	/						
e. Oil Level.	$\nabla$		T					
16. Startward Track Tension Adjuster.			\$ 600 \$ 500			沒沒	4 製	
a. Track Adjuster Support.	V							
b. Track Adjuster.	$\nabla$							
c. Bleeder Valve.	V	,			1		T	
d. Grease Fitting.	V	/	$\top$		T	T	T	
<ol> <li>Starboard Anode. Check for tightness of mounting screw. Make sure there is no paint on anode.</li> </ol>	į	)						
18. Starboard Midships Bearing. Check for signs of leaks.	k	力	$\top$	1		1		

	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
19. Starboard Road Wheels and Hubs: Check those		16	荔	50%	FA 50		1500 1000 1000 1000 1000 1000 1000 1000	
numbers which are unserviceable		墨						
a. Road Wheel Cracks/Damage. 1 2 3 4 5 6	V							
b. Road Wheel Wear Rings. 1 2 3 4 5 6	V							
c. Hub Oil Leaks. 1 2 3 4 5 6	V							
d. Hub Oil Level.	V							
e. Mounting Hardware. 1 2 3 4 5 6	V							
20. Starboard Support Arms. Circle those numbers which are unserviceable.  1 2 3 4 5 6	N							
<ul> <li>21. Starboard Torsion Bars. Check for broken bar and loose retaining screws. Circle those numbers which are unserviceable.</li> <li>1 2 3 4 5 6</li> </ul>	2							
22. Starboard Shock Absorbers.				52 7.5.				
a. No. 1 Shock	V							
b. No. 2 Shock	V							
c. No. 3 Shock	$\nabla$							
d. No. 4 Shock	V	-						
e. Mounting Hardware.	IJ							
23. Starboard Front Single Support Roller.		3	穩	黧	. Britis	) (1) (2) (3) (4)	<u>학</u> 설	
a. Support Wheel Cracks/Damage.	V				T			
b. Hub Oil Leaks.	V							
c. Hub Oil Level.	V							·
d. Mounting Hardware.	W	T					1	
24. Starboard Dual Support Roller.	\$ . \$ .	J. J. J. J. J. J. J. J. J. J. J. J. J. J	4	23:			- E	
a. Support Wheel Cracks Damage.	V							
b. Hub Oil Leaks.	$\overline{\vee}$		T				1	
c. Hub Oil Level.	(	1	$\top$	1	T			
d. Mounting Hardware.	1.7	†	1	十	+	1	+	
25. Starboard Rear Single Support Roller.	1	†	+	1-		1	+	
a. Support Wheel Cracks Damage.	10	1	十	$\top$	+-	+	+	
— c. Hub Oci Leaks.			+	+	<del></del>	1	-	
t. Hob Oil Level.	Ĭ	$\top$	1		+	+-	+	
5 Mesoning Hardware.		4-	+	T	1	+	┪	ENCLOSURE (\$

			- 1	1				
NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
26. Starboard Stap Guard. Check for wear and toose mounting hardware.	J							
27. Starboard Track. Use track wear gage to measure wear. Mark each unserviceable track shoe?			が設備を	1000		<b>新教授</b>		
a. Track Shoes.	V							
b. Track Pads.	V							
e. Track Pins.	17							derivation of the first and th
d. Track Wear.	V							
e. Track Adjustment.	Ŭ							
28. Starboard Sprocket Rings	100 A	10.5		2 mg/s	925 925 2 5	20	100	
a. Inner.	V				$\Box$			
b. Outer.	V							
<ol> <li>Starboard Sprocket Carrier. Check for loose mounting hardware and damage.</li> </ol>	V							
30. Starboard Final Drive.		7.3		1			2.5	A first open site of the first
a. Outer Housing,	Г		U					us Conoce
b. Bolts.	V				Ť			
<ol> <li>Starboard Side Pontoon. Remove drain plug and check for water.</li> </ol>	V							
<ol> <li>Starboard Track Shroud. Check for loose mounting hardware and damage.</li> </ol>		\	1					M 7 bolds
33. Starboard Bilge Pump Outlets.	¥ .5 ∰ .₩		-	1 55		x 2%	2 (3 2 2 (2 2)	Winds with the second
a. Hydraulic Pump Outlet.	V							
b. Electric Pump Outlet.	Ň			T			1	
34. Stowage Brackets. Check for weld cracks.		/	1	$\top$		$\top$	1	
35. Heater Exhaust Outlet. Check for loose mounting hardware and damage.		)						
36. Startoard Cargo Hatch Supports.	é d A∈	- 1		an iz	도 1.8 그 Ye	79 A	e i	
a. Forward Support.		)	1	1		T	1	
b. Aft Support.	T	汁	1	1		T	1	
c. Hand Rails.	<u> </u>	1/1	+	1		+		
37. Footman Loop. Check for weld cracks.		<del>//                                    </del>	+	+	+	$\top$	+	
1	$-\mathbf{V}$		<u> </u>		┷-			

						-	. }	
NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
38. Starboard Side Hull. Check for damaged and bare metal.	100 m							Research see the
a. Armor Piercing Protection Plates Kit (APK). (Para. 16–69a)	7)							
b. Steps. (Para. 16-72)	V							
c. Slope Rack Kit (SRK). (Para. 16–73)	V							Z. Oddinich den kentre den seen een een een keit die den den den de de de de de de de de de de de de de
d. Stowage provisions. (Para. 16-81)	V							
e, Fairings. (Para. 16-71)	J							
f. Standoff Brackets. (Para, 16-70)	J							
g. Hull Bosses. (Para. 16–80)	V							· · · · · · · · · · · · · · · · · · ·
II. Bottom of Vehicle  1. Hull. Check bottom of vehicle for damage.	J		變		89. 42.			
Drain Plugs: Check for missing fight for damaged phigs:			活を対象	20 20 20 20 20 20 20 20 20 20 20 20 20 2	1.4( ) (基)		な意	
a. Hull.	V							
b. Ramp.	V.				<u> </u>		<del>                                     </del>	
c. Contact Cooler.	Ŭ							
V. Outside of Vehicle (Topside)	75° 7	違	13		5,0	7.5	<b>多</b> 透	Marin Committee of the
<ol> <li>Hand Rail (forward). Check for weld cracks or other damage.</li> </ol>	V							
Mooring Cleats/Lifting Fixtures - Check for damage (Para: 8-34)	で で で で で で で で で で で で で で で で で で で	100 m	(1) (1) (1) (2) (2) (3)				海滨	
a. Forward (port and starboard).	N.							
b. Aft (port and starboard).	V							
NOTE  Make sure intake grille as secured properly  in saised position.			は、一般の一般の一般の一般の一般の一般の一般の一般の一般の一般の一般の一般の一般の一					
a. Screen.	U		Γ					
b. Brace Rod.	V		Τ				T	
c. Cam Lock Handles Stop Screws.	Ŭ	1	1	T	<del>                                     </del>	1		
d. Torsion Bar Assembly. (Para. 8–17)	7	İ	1	Ì	1	1	T	
e. Mounting Hardware.	N	1	T	†	<del> </del>	1	1	
ž. Seal.	V	1	<del> </del>	1	1	1	1	
<ul> <li>Vertilister - Appirator - The cholists walve or toks got perly and inlet served at them and and duringed. Paral S-18.</li> </ul>		)   						
f - Busines Corret Lille (by - The ds o Mister Correc for Mininge Lillian Lamba (ky for proyect lealing) - Bata Rivani	U	/	de l'internation de l'art	The same of the sa	1	and the same of th	The first state of the state of	ENCLOSURE

	tory							
NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
<ol> <li>Center Plate. Check sealing surface for tight fit and retaining screws for tightness.</li> </ol>		*	defruits/ alexan				····	
Exhaust Grille. (Para: 8.14)  NOTE  Make sure that exhaust grille is secured properly in raised position.				<b>建筑等等。</b>	· 有			
a. Screen	J							
b. Seal.	V							
c. Brace Rod.	V							
d. Lugs (dogs).	J							·
e. Mounting Hardware.	$\sqrt{}$							
3. Plenum Indicators.		· 越來 夏程			變		蠶	
a. Intake.	V							
b. Exhaust.	V		,					
9. Searchlight Mount and Receptacle. Check for damage.	V							
10. Driver's Hatch		77.10 237.5		s le	W	45.2 45.0		
a. Cover and Hinges.	V							
b. Torsion Bar,	<b>V</b>							
c. Latches (open and closed).	<b>√</b>				-			
d. Seals and Pads.	,							Pads domineral
e. Vision Blocks.				Π				
f. DVE Adapter Assembly.	V		1					
<ol> <li>Periscope and Support. Check periscope for breaks and chips and support for damage.</li> </ol>	1							
12 Commander's Haich		× 1		题			923	
a. Cover and Hinges.	V			1			T	
b. Torsion Bar.	V					T		
c. Latches (open and closed).	V.		1	1	1	1	1	
d. Seals and Pads.	J,		1	T		T	$\top$	
e. Vision Blocks.	V	1	T		1	1	$\top$	
13. External Exhaust system. Check the external muffler, muffler guard, for damage and operation.								
a. Muffler.	17		1	$\top$	1	$\dagger$	1	
5. Guard.	1	T	+	T	Ť	+	1	

	<u> </u>			<u> </u>	<del></del>		<sub>1</sub>	
NOMENCLATURE, LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modity	Remarks MUST be Included if unserviceable.
14. Ventilation Exhaust Outlet. Check ballistic cover for damage and tight retaining screws. Check screen for damage.	/		- Charles		TANK BENEFACION			
15. Overhead Protection Kit (OPK).								
a. OPK Tiles.				***************************************	400-1000			and the second s
b. Torsion Bar Assist Mechanism (TBAM) Cover.	,				27.6048	AFA		
c. TBAM.	7				. 10			
á. Bosses.	/							
16. Cargo Hatches.								
a. Covers and Hinges.	_							
b. Torsion Bar.	1							
c. Latches (open and closed).	7							
d. Seals.	1				-	<u></u>		N N
	-						<del> </del>	The state of the s
a. Receiving Mount.	1					_		
b. Port Sending Mount.	1							
c. Starboard Sending Mount.	1							
d. PLRS Antenna Mount.	1							
e. DACT Amenna Mount.	97		1	ļ —				halle and the second attention of the second attention at the second attention
: Sea Tow Quick-Release. Check assembly for damage and proper operation.	/			, , , , , , , , , , , , , , , , , , ,				
V. Engine Compartment (Forward)	1							
<ol> <li>Forward Bulkhead, Bow Pod Access Cover, and Bow Pod.</li> </ol>							7.	,
NOTE  Make sure intake grille is properly secured in raised position.			10 5		4.			
a. Bow Plane Velocity Fuse Valves.	1/					T	1	No. of the test of
b. Bow Pod Access Cover.	1/		1	1	ĺ		T	
c. TACNAV sensor.	17		1	1		1	1	
2 Intake Plenum Actuating Cylinder.	1	<del></del>	1	-	-	1	1	
a. Cylinder.	1/	<u> </u>	-	1-	1	T	-	
t. Hydraulic Hoses.	1	<u> </u>	1	1	1	1	+	<del> </del>
S. Cami Roller Lock. Check condition of each back collec-	1/	+	<del> </del>	$\dot{\top}$	+	1	1	1

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust				Remarks MUST be Included if unserviceable.
4. Cooling Fan.		一次		4.4			¥	and the state of t
a. Guard.	$  \langle    $							· · · · · · · · · · · · · · · · · · ·
b. Shrond.	1/,							
c. Fan.	V/							
d. Bearings.	$ \sqrt{ }$							
e. Belt Adjustment.						/		Belt Inflored, @ Beltgurd
f. Seals.	$\mathbb{I}$							
g. Fan Cartridge Bearing.	1/							
ե. Drain Tube.	1							
5 Surge Tank		255 4 37	20.7	97.5 5.13	150	第7 基	87.8 \$7.5	
a. Tank.	1							
b. Valve.	1			Γ	1			
c. Hose and Tubes.	1							
d. Mounting Hardware.	V		1	<u> </u>				ALLES AND ALLES OF THE STREET,
6. Crew Ventilation.						1		
a. Ducts, Clamps, and Hoses.	1/							
b. Drain Tube.	V							
7. Control Linkages.						1. 1		
a. Brake Linkage.	1/					T		
b. Steering Linkage.	1			Τ				
c. Throtile Linkage.	7			T		T		
<ul> <li>d. Brake Flood Control Valve Linkage.</li> <li>NOTE</li> <li>Make sure flood valve spindle moves freely.</li> </ul>	/							
e. Engine Compartment Exhaust Fan Linkage.	T							
<ol> <li>Transmission Mounts. Check mounts for loose mounting hardware. Check transmission guide and guide rollers for damage.</li> </ol>	V							
9. Electrical Wiring and Connections.				$\int$		$\int$		
a. Bulk Head Connectors.	17		T			T		
b. Power Plant Wiring.	. 1	$\top$		$\top$		T		
c. Crew Vent Fan.	1	1		T	1			
4. Electrical Bilge Pump.	١,	Ť	7		1			not connected to bilge tube
10. Hydrostatic Steering Disconnect Lever. Check lever for retriect operation, damage, and wear. Check for leaks.								

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NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	merana and a	Remarks MUST be Included if unserviceable.
1. Port Final Drive		Rote:		薖				<b>多种种种种种种种种种种种种种种种种种种种种种种种种种种种种种种种种种种种种</b>
a. Oil/Oil Level.								
b. Oil Leaks/Seals.	1							
c. Mounting Hardware.	1							
d. Speedometer Adapter Cable.	J				·			
<ol> <li>Port U—Joint. Check for wear, tight screws, and proper safety wiring.</li> </ol>	v							
Port Hydraulic Bilge Pump. Check for oil leaks, loose mounting hardware, damaged screen, and debris.	J							om an antibio dibundh a iden antid dia da Fla Dan (adentid 2000 Marie 100 Ma
<ol> <li>Bilge Pump Bypass Valve. Check for oil leaks, loose mounting hardware, and damaged electrical connections.</li> </ol>	ν							
<ol> <li>Plenum Solenoid Valve. Check for oil leaks, loose mounting hardware, and damaged electrical connection.</li> </ol>	$\sqrt{}$							
6. Bow Plane Hydraulic tubes. Hoses and Fittings. Check for leaks, loose fittings and loose mounting hardware.	/							
17. Fuel Manifold. Check for fuel leaks and loose mounting hardware.	1							
<ol> <li>Forward Engine Compartment Fire Extinguisher         Discharge Nozzle. Check for damage and debris.</li> </ol>								
<ol> <li>Port Lateral Drive Shaft. Check shaft for damage and coupling for tight mounting screws and proper safety wire.</li> </ol>	J							
20. Port Right Angle Drive. Check oil level. Check mounting hardware for looseness. Check for signs of leaks.	1							
21, Starboard Final Drive.	謹	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1						A MANAGE AND THE STATE OF THE S
a. Oil/Oil Level.	1					7	T	
b. Oil Leaks Seals.	1			$\top$				
c. Mounting Hardware.	7						T	1
22. Starboard U-Joint. Check for wear, tight screws, and proper safety wiring.	<b>V</b>							
23 Starboard Lateral Drive Shaft. Check shaft for damage and coupling for tight mounting screws and proper sefety wire.	/				-			
<ol> <li>Starboard Electrical Bilge Pump. Check screen for debris and damage. Check mounting hardware for naturess.</li> </ol>			/	/				Not connected to bilg

		·····					- 1	
NOMENCLATURE/LOCATION	Sattsfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
<ol> <li>Precleaner. Check cleaner for damage, loose mounting hardware, and loose clamps. Check screen for damage and debris.</li> </ol>	J							
<ol> <li>Crew Ventilation Fan. Check mounting hardware for looseness. Check ducts and clamps for damage and tightness.</li> </ol>	)							
<ol> <li>Starboard Right Angle Drive. Check oil level. Check mounting hardware for looseness. Check for signs of leaks.</li> </ol>	/		_					
28. Starboard Right Angle Drive Shaft. Check condition of shaft coupling for damage. Check coupling bolts for tightness and proper safety wire.								
<ol> <li>Fan Drive Shaft. Check shaft and coupling for damage or wear. Check safety wire for damage.</li> </ol>								
30. Fuel Filter.	13.5	v-X	\$24J	Ç.F.	7 387	続		
a. Fuel Leaks.	1							
b. Drain Cock/Contamination.	V				<u> </u>			
c. Electrical Leads/Transducer.	V							
d. Mounting Hardware/Air Valve.	V							
31. Power Takeoff Unit.				\$ 100 \$ 250 \$ 250 \$ 100	編	震烈	戮	
a. Oil Leaks.					<u> </u>			
b. Mounting Hardware.	/	<u> </u>						
c. Electrical leads/Connections.	1	•						
32. Starter. Check that starter is mounted properly. Check electrical leads and connections for damage and proper connections.								
33. Transmission Oil Cooler. Check for oil and water leaks. Check electrical leads and connections for damage. Check oil lines, hoses, and clamps for tightness.	/							
<ol> <li>Exhaust Manifold (starboard side). Check for cracks, holes, and corresion. Check mounting hardware for tightness.</li> </ol>								

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
35. Transmission. Check for overall cleanliness and damage.								
a. Leaks.	デ		St. seedler	352		32.54		
b. Torque converter to engine mounting screw for hightness.	1							
c. Range selector valve for leaks and safety wire.	17							
d. Oil Leaks.	Ţ							3
<ul> <li>e. Left and right brake and steer sections for leaks and loose mounting bolts.</li> </ul>	1							
f. Check brakes for proper adjustment.	1/							•
g. Check transmission drain line for leaks, damage, and loose drain plug.	1							
L Engine Compariment (Aft)	10 mg/s	<b>共</b> 種	醰	न्द्राच्या । ११ के वि	意識	部鐵	魏	Margaret Company of the Company of t
Exhaust Plenum. Check actuating cylinder and oil lines for leaks., Check condition of plenum seal.	/							
Components Botted on to the Engine Acheer for tight, mounting hardware, proper electrical connections, damaged hoses and electrical leads, and leaks.		で変数	海 教育	<b>注意</b>	意味を	をはいまする		Im Englise
a. Turbocharger.	1							
b. PT Pump.	1							
c. Exhaust Manifold (port side).	1							
d. Engine Oil Cooler.	/							
e. Engine Oil Filter.	1							
f. Intake Manifold.	1				Ī			•
g. Smoke Generation Components.	/	ì						
h. Cold Start Components.	-	T						
i. Crankca.se Breathers.	/		Τ	Ī			Π	
3. Transmission Oil Filfer						12.43 	400	
a. Mounting Hardware.	1							
– b. Leaks.	-	-	1			T	T	
c. Check Electrical Connections.	1_	1	1	T	<del></del>	1	1	
<ol> <li>Engine Oil Level. Check for correct level and signs of contamination. Check dipstick for damage.</li> </ol>	/							
5 Transmission Oil Level Check for correct level and signs of contamination. Theck fill tube and signs of knowledge.	r /		7-4-1					
<ol> <li>Tacherner Frie Shaft - The &amp; for adapter and cable damage</li> </ol>								

		<del></del> T		<sub>T</sub>				
NOMENCLATURE/LOCATION	Salisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
<ol> <li>Radiator. Check for radiator damage. Check for water leaks on radiator and coolant tubes.</li> </ol>	/							
<ol> <li>Exhaust System. Check condition of insulation. Check for loose mounting hardware and damaged scavenging system check valve and for leaks.</li> </ol>	E.							
<ol> <li>Engine Compartment Exhaust Duct. Check for cracks or other damage. Check mounting hardware and clamps for tightness. Check tubes for proper mounting.</li> </ol>	J							-
10. Engine. Check overall condition of engine for cleanliness and fuel, coolant, and oil leaks.	,							
11. Generator	100 M	100		1	1 E		萎	
a. Bracket and Hardware.	7							÷
b. Pulley and Belt.								
c. Adjustment.	/							
d. Voltage Regulator	1							
12. Water Pump, Check for leaks.				7		经	\$ 2.0 \$4.0	
a. Pump.	1					355.00	172	
b. Hoses and Tubes.								
c. Belt and Adjustment.			,	1				1008/
<ol> <li>Fire Extinguisher Discharge Nozzle. Check for damage, debris, and condition of safety wire.</li> </ol>	/							
<ol> <li>Engine Oil Heat Exchanger. Check mounting hardware for tightness. Check for oil leaks. Check electrical leads for damage and tight connections.</li> </ol>	1							
<ol> <li>Cold Start Disconnect Lever. Check for proper operation, damage, and corrosion.</li> </ol>	/							
16. Hydrautic Reservoir.						撇	瀫	
a. Oil Leaks.	7		1		1		1	
b. Mounting Hardware.	1,	1	1	T	1	$\top$		
c. Oil Level.	17	1	1	1	+-	1		
d. Dipstick for damage.	1	+-	+-	$\top$	$\dagger$	1	1-	
	į.							<u></u>

· NOMENCLATURE/LOCATION	Sallsfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
VII. Troop Compartment  NOTE  Balure inspecting troop compartment, open cargo, hatches, soome from and lower ramp.							<b>计数型数据</b>	
Higme Compariment Access Covers (arr) in Check all in thumbscreys and clamps for damage and operation.  Check covers for correct mating and damage.								
a. Aft Upper.	C							
b. Aft Center.	/					<u> </u>		
c. Aft Lower.	۲				ļ			
d. Port Upper.								
e. Port Lower.								
f. Smoke Generation.	7							
<ol> <li>Smoke Generation Fuel Control Valve. Check to see if valve operates freely. Check for any damaged components and leaks.</li> </ol>	٠,٠							į.
3. Engine Compartment Fire Extinguisher.		藩	讖	퇧	· 有項	墓蓋	20 miles	
a. Bottle and Tag.	6				Ì			
b. Control Valve.	1			ĺ				
c. Clamps.	7					Ī		
Troop Ventilation Outlets. Check for free movement and damaged louvers.	/							
<ol><li>Coolant Bypass Tube. Check to see if tube is mounted properly in retaining brackets.</li></ol>	-							
6. Air Cleaner Compartment	蠹						100	
a. Access Door.	-	1						
b. Retaining Brackets.	7	1		T		T	Π	
c. Element.	-	-		T				
d. Compartment.	/							
". Right Angle Drive Access Cover. Rotate weapon station to gain access to cover. Check cover for proper mating and damage.	/							
Starboard Longitudinal Shaft Cover. Check for lamage. Check for loose mounting hardware.	1							
Starboard Longitudinal Shuft. Check shuft for damage and coupling for tight torounting screws and proper wifely wire.	1							

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
10 Fuel Tank Drains: Check both valves for proper contain. Check fuel lines and fittings for leaks.  Check manual shufoff valves to make sure the manule for last freely.								
a. Internal Fuel Tank Drain.	**************************************	####	<b>GEOR</b>	STORES.	***************************************	3038	<b>320</b>	
b. External Fuel Tank Drain.	-							
c. Fuel Lines and Fittings.	<u></u>							
d. Manual Shutoff Valve.	1	<u> </u>						/
11. Fuel Tank	1000 A	99.4		Section Section	27.55 26.65	******* ******	5-2-4 	
a. Electrical Leads.	ġ¢ja~n	Section 1	1.00	Section.	St. 1999.	ويتولفه	di Ting	्रोतकालके राज्यामध्येत्रीक्ष्यम्भविद्याः स्थापना । । । । । । । । । । । । । । । । । । ।
b. Leaks.	/			-	-		-	
c. Retaining Straps.	/	-		_				
d. Breather Cap.	_	-	-		-			
12. Troop Seats.	變	- Sign		靈	- 65	35		
a. Hinges.	-	-	1335			1 37 32	3	
b. Supports.	ノ	<del>                                     </del>		1	1	1		
c. Seat Pans.	F			1				
d. Cushions.					İ			
e. Safety Belts/Straps.	1		Î					
f. Adjusting Rods.	1				1	1	1	
13. Interior Stowage.	S.Nise	2) <del>122</del> 13 2) , 135	± −200,500 −200,000 ±200,000	स्टिंग <b>स्ट</b>	1 F-3	* 97		
a. MG Cleaning Rod Bracket.		-						
b. Rifle Brackets.	/	1						
c. Water Can Supports.	1					T		
d. Seat Stowage Supports.	(							
e. DVE Container.	7							
f. Portable Fire Extinguisher Bracket.	1			1			T	
g. Paniphlet Stowage Rack.	1	-	T					
h. Ammo Box Bracket.	1	-			1			
i. Hand Oiler Bracket.	]_	-		T			T	
j. Tool Box Stowage Support.								
14. Power Distribution Box. Check to see if box is securely mounted. Check all electrical connections for tightness. Check slave output gover twitch for lange	/							

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	i Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
15. Batteries	1				**		18	
a. Battery Box Cover.	<u></u>							,
b. Holddowns.	_							
c. Cables and Terminals.	1							
d. Battery and Terminal Posts.	_				1000-000			ngaga ngang agus an san an an an an an an an an an an an an a
e. Battery Box Drains.	/							
f. Battery Instruction Plate.	-							november of the state of the st
<ol> <li>Radio Guards. Check guards for damage and loose or missing mounting hardware.</li> </ol>								
17. Deflector Actuator Guards, Check guards for debris and damage. Check mounting hardware for tightness.	9		200 200 200 200 200 200 200 200 200 200		· 100 (100 (100 (100 (100 (100 (100 (100		· 200	
a. Port	_							M Bolts
b. Starboard.								
18. Water Steer System Components		2000 2000 2000	7, 2,(2) 2,(3)		200		**************************************	
<ul> <li>a. Water-Jet Deflector Position Sensing Module (port and starboard).</li> </ul>	-							<i>*</i>
b. Water-Jet Deflector Servo Module (port and starboard).	/						,	
<ul> <li>c. Water–Jet Deflector Solenoid Module (port and starboard).</li> </ul>	`			_				
d. Actuator Cylinders Port and Starboard.	1		Ī					
e. Actuator Bracket Port and Starboard.	1							
19. AFSSS Electrical Components.		11. ·	1 (7 1 (7		1	1 3. 10. 3. 10.	3.4	A STATE OF THE STA
a. Sensors Control Box.	1						Π	
b. Cables.	-							
20. Dome Lights. Check mounting hardware for tightness.  Check for broken or cracked lens and knobs. With master switch ON, check lights for proper operation.	/							
21. Aft Slave Receptacle. Check cover and chain for damage. Check insert for corrosion and damage. Check electrical lead for damage and loose connections. Check mounting hardware for tightness.	,							
<ol> <li>Troop Ventilation Outlets. Check for free movement and damaged louvers.</li> </ol>								
<ol> <li>Ramp Lock Linkage. Check to see that linkage does not bind. Check for bent or warped linkage rods.</li> </ol>	/		***************************************	-	-			

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be included if unserviceable.
24. Ramp: With nump lowered, theck ramp seal for breaks and spongy condition:		机物量			<b>建筑</b>			
A. Ramp Seal. Check mating with hull in closed position.	1							The state of the s
b. Vision Block Cover.	1							
c. Skid Bars	17							garangan sapagsar philidri s Elder s (ELGE) - a Carllillari - an Cale s (ELGE) - a Cale s (ELGE) - a Carllillari - an Cale s (ELGE) - a Ca
d. Quick-Release (Visual Only).	/						-	· phr
e. Tow Pintle Release.	~							
25 Deck Plates	176		鑢		蘳	超過		· · · · · · · · · · · · · · · · · · ·
a. Deck Plates (port and starboard).	-		10000			10 1.59	246	Control of the Control of the Section of the Control of the Contro
b. Center Deck Plate.	/	<del>                                     </del>						
c. Contact Cooler Bleeder Valve Access Cover.	7			-				
d. Bilge Pump Access Cover (port and starboard).	/	-						
e. Tiedown Rings.	1		<u> </u>					
NOTE  Remove troop compartment deck plates before continuing.			160					FREE Spins
<ol> <li>Contact Cooler. Check that bleeder valve is not frozen. Check for signs of leaks.</li> </ol>			/					FREESpins
27. Torsion Bars. Check torsion bars for damage.				Ī	Ì			And the second s
28. Ramp Cylinder and Cable.	6			1	Ť			
29. Hydraulic Bilge Pump	び (語) 第 時間	(4.0) 41.4	迴	1	4	0 12	4	
a. Bilge Pump.	1			T				
b. Outlet tube.	1							
30. Electric Bilge Pump.	字 7/50 字 5/50	**************************************	2 SASS 安全		5 WH		183	Paleston and the same Francis of the same
a. Electric Pump.	7		T			T		
b. Outlet Tube.	1	-						
31. Bilges. Check for cleanliness and obvious signs of damage.	変 発音 子			1 密度	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			
a. Brackets and Mounting Hardware.	-					1	1	
b. Discharge Tubs and Nozzles.	1						1	
32. Fire Extinguisher (17 lb)	5 3	1 (4)					100	
a. Mounting Hardware.	6	+	1	1		1	T	
b. Discharge Tub and Seal.	1.	Ť	1		-	1	1	
c. Tag Date	-		T	-	T	T		
d. Seal	-	ī	T		1		1	

NOMENCLATURE:LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
33. Personnel Heater.		<b>建</b>	龙歌	<b>医</b>		警告	#90 B	
a. Mounts.	V							
b. Exhaust System and Cover.	7							
c. Electrical Wiring and Switches.	ť′							
d. Fuel System.	<b>V</b>							
e. Heater Ducts.	V						,	
34 Port Longitudinal Shaft Cover. Check for damage.  Check for loose mounting hardware.		1000		<b>第二种</b>	製作制	建模型	がおき	
<ol> <li>Port Longitudinal Shaft. Check shaft for damage and coupling for tight mounting screws and proper safety wire.</li> </ol>	8							
36. Radio Mounts.		少登 一致		1000 1000 1000 1000 1000 1000 1000 100	を から で 内央	1. E.		Apply and the state of the stat
a. Check Mounting Hardware.	Ÿ							,
b. Check Radio Mounts.	$\sqrt{}$							
c. Check Radio Cables.	V							
37. HPIRS Rack	10.00	100g/d 15pb	97.45	-2007A -2007	与海 本義	使的 基定		(中) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1
a. Check Mounting Hardware.	J							
— b. Check Radio Mounts	1							
c. Check Radio Cables.	V							
/III. Driver's and Commander's Station	10 10 10 10 10 10 10 10 10 10 10 10 10 1	1	2.55 2152 2152	= .		2 3 de 1 3 de 12 d		AND COMMENT AND COMMENT OF THE COM
1. Access Covers.	野	14	本	33	5-4 1-5	多磁	(Sa.	
a. Hydrostatic Steer Disconnect Lever.								
b. Final Drive U-Joint.	1							
c. Hydraulic Reservoir.	V							
<ol><li>Flapper Valve. Check spring tension flapper. Check mounting screws for tightness and damage to flapper.</li></ol>	<						1	
<ol> <li>Fire Extinguisher (7 lb) Check mounting bracker and a hardware for tightness. Check tag for date bottle-was a last weighed. Check wire seaf on control head.</li> </ol>			海海州	10000000000000000000000000000000000000	200		在	
2. Bracket and Mounting Hardware.	1		1	1				
b. Tag Date.	V	T				1		
e. Wire Seal.	~		Ì	1	T	1	T	
4 Ramp Lock Handle. Check handle and lock for damage and proper operation.	1	1	-					
<ol> <li>Ramp Control Valve. Check for damage, loose fittings, leaks, and loose mounting hardware.</li> </ol>	\ \	/	-	1	!		and the state of state of the	

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
<ol><li>Fire Extinguisher Discharge Handle. Check handle for damage and unbroken wire seal.</li></ol>	J							
<ol><li>Power Train Switch. Move lever and check for binding. Check bail for damage.</li></ol>	1							
Mode Selector Switch. Check for missing or damaged toggle switch.	~							
Handle Throttle. Move throttle and check for proper operation. Check linkage and cover for damage.	✓							
<ol> <li>Gear Selector. Check console for loose mounting hardware for damage. Check movement of selector through all gear range.</li> </ol>	✓							
<ol> <li>Air Cleaner Restrictor Indicator. Check for proper mounting to bulkhead. Check indicator for damage.</li> </ol>	1							
12. Auxiliary Instrument Panel. Check panel for loose mounting hardware. Check that gages are securely mounted in panel, and that hose connections are tight.	V							
- 13. Accelerator Pedal	AND THE RESERVE	创造 影響	) (1) デギ	44.1 43.5	1943 1943		10 EE	AND THE STATE OF T
a. Mounting Hardware/Brackets.	1							
b. Pedal and Pedal Stop Screw.	1							
c. Water Drive Switch.	1							
<ol> <li>Brake Pedal. Apply and release brakes to check binding.</li> </ol>	V							
<ol> <li>Parking Brake Handle. Check for proper operation.         Make sure that parking brake holds and releases properly.     </li> </ol>	\ \							
16 Steering Wheel. Check wheel for damage. Check operation of wheel till. Check for binding linkage.  Check steering wheel sensing module for loose mounting hardware or damaged wiring.								
a. Steering Wheel.	1	1						The state of the s
				_	┽—		_	

	<u> </u>	<del></del> }					í	
NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Wodify	Remarks MUST be Included if unserviceable.
17. Indicator Panel. Check mounting hardware and grommers for dightness and damage. Check for loose							管理	
or damaged switches, lights, and bullions.		謹	题	耄罄	a bayest		****	
a. Master Switch.								,
b. Lamp Test/Warning Cancel Switch.	/							
c. Horn Button.	1							4
d. Panel Lights Brt Dim Switch.	_							
e. Cold Start Switch.	1							
f. Starter Button.	1							
g, Light Switch.								
h. TACNAV Indicator.	_							
i. Tachometer.	/							
j. Speedometer.	/					<u> </u>		
k. Smoke Generation Indicator Light.	1							
1. Smoke Generation Switch.	1							
m.Forward Electric Bilge Pump Switch.								
n. Aft Electric Bilge Pump Switch.	1							
o. Afr Electric Bilge Pump Indicator Light.	/		Ì					
p. Forward Electric Bilge Pump Indicator Light.	/	İ						
q. Aft Hydraulic Bilge Pump Indicator Light.	/	1						
r. Forward Hydraulic Bilge Pump Indicator Light.	1	1	1	T				and the second section of the section of t
s. Ventilation Switch.	<del> </del>			╁		1		
18. Driver's Display Unit. Check for cracked glass and moisture. Check that unit is securely mounted in indicator panel.  NOTE	/							
Bar scales and warning lights will be checked during the operational portion of preinduction.								
19. Bow Plane Control Valve. Check for damage, loose fittings, leaks, and loose mounting hardware.	/							
20. Vent Air Ontlets. Check driver's and commander's outlets for breaks and cracks. Check to see if outlet rotates freely. Check mounting hardware for rightness.	· ************************************			を登り				
a Driver's Outlet.	1 1		T				Ī	
b. Commander's Outlet.	1							

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
<ol> <li>Vent Air Hoses, Tubes, and Duct. Check for loose clamps and mounting hardware. Check for damaged hoses, tubes, and duct.</li> </ol>	/							
22. Bilge Ouflet Tube. Check tube for damage, hoses for cracks, and clamps for tightness.	1							
23. Instrument Distribution Box. Check that box is securely mounted, and that cover screws are tight. Check all wiring harness connectors for tightness.	/							STATES AND THE STATES
24. Forward Slave Receptacle on Instrument Distribution Box. Check cover and chain for damage. Check receptacle for corrosion and damage.	,							
25. Searchlight Switch. Check for damage and operation.	,							
26. Ventilation Air Outlet Valve. Check for loose mounting hardware and damaged cable and handle with ball. Open and close outlet and check for binding linkage.	C							
27. Data Plates. Check for damage.	-							Diety
28. Manual Fuel Shutoff Handle. Check shaft for damage and grommets for wear. Rotate handle to check for free operation.	/							
29. Driver's Seat. Check seat adjustments for proper operation. Check mounting hardware and brackets for damage and tightness. Check seat supports, pan, belt and cushious for damage.	4		_					Bradet O Rust
30. Troop Commander's Seat. Check seat adjustments for proper operation. Check mounting hardware and brackets for damage and tighness. Check seat supports, pan, belt and cushions for damage.	1							
31. Interior Decals and Instruction Plates. Check to see that they are readable.	7	-						
32. Fire Extinguishers (MESS and APSSS) - NOTE  At this time all fire suppression system bottles are to be pulled and weighed.						大学を表現を		
a. Mounting Hardware.	1					T	Γ	
b. Discharge Tube and Seal.	1		Τ		1			
c. Tag Date.	1	1	$\top$	1	1	1		
d. Seal.	1-	<del> </del>	1	T		1	T	
33. Drive Shaft Guards. Check guards for damage and mounting hardware for tightness.	-						1	

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Acijust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable,
K-Equipment-Operation		氢	攊					
1. Start vehicle check operation of the following.	200	缓	湯	器				
a. Master Switch.								
b. Hom.	4							
c. Fuel Level Indicator.	0							
d. Battery Generator Indicator.	*				·			
e. Electric Bilge Pumps (forward and aft).	V							
f. Panel Lights (brt/dim).	7		-					na na manada da manada da manada da manada da manada da manada da manada da manada da manada da manada da manad
g. Display Panel Warning Lights.	1		-					
h. Vent Switch Low Position.	$\sqrt{}$							
Perform Diagnostic Test Equipment checks in accordance with TM 09674A-25&P/4, (See worksheet at the end of this Appendix).	V							
Vehicle Stall Check. With brakes locked, and gear selector in 4th gear, accelerate fully and check the following:		子を発表して	主義	一個學行	· · · · · · · · · · · · · · · · · · ·	におると	が高級に	AND A CONTRACT OF THE PARTY OF
a. Brakes.	/							
b. Transmission.	V							
c. Engine. RPM.	1							2800
d. TACNAV Indicator. Check that system powers and display works.	1							
4. Lights Check that lights work properly.		- 1.52				17.7		A STATE OF THE STA
a. Light Switch.	/	<u> </u>	1					
b. Service Drive.	/				1	1	ÌΤ	
c. Dimmer Switch.	/			İ	İ			
d. Blackout Markers.	1						1	
e. Stop Light	V		1	<u> </u>	1	1		
î Park.	1	<del></del>	<del>† -</del>	<del>                                     </del>	İ	1	<del>                                     </del>	
# Searchlight	1		<del> </del>			1		
h Interior Donie Lights.	1/	:	1	<del> </del>	1	1	1	
F - Imper's Mewer Enhancer II NE - Clerk that power system works	X	-	1		1			Speech collifer Not connected
l anig Test Warning Concel Status - Theck and - agoal with groper comm behind	1		İ	,				

X. Fu	NOMENCLATURE LOCATION	Satisfactory	Missing				net 以映 Replace		Remarks MUST be Included if unserviceable.
-	Steering. Check operation and drift.								
2.	Gear Ranges. Check for slippage and that lockup works properly.	U							
3.	Smoke Generation. Check for correct operation.	V							
4.	Brakes. Check to see if brakes pull to one side or the other.	V							
5.	Speedometer, 'Check for correct operation.	/							
6.	Noises. Check for any unusual noises.	1							
XI, W	ater Systems Test	1	1 24	E-A	7 (32°-	· \$	75		The state of the s
1.	Plenums. Check that plenums close completely. Fan shuts off. (Para. 8–13)	/							
2.	Check if hydraulic bilge pumps operation.	J						<del>                                     </del>	
3.	Check if electric bilge pumps operate.	1				1			
	Check that jet drive activates at 1000 to 1200 RPM.	1							
5,	Bow Plane Operation.	-				-		-	
	<ul> <li>a. Control Valve. Check for proper operation and leaks.</li> </ul>	/							
***	<ul> <li>b. Bow Plane. Check that it fully extends and retracts.</li> </ul>								
	<ul> <li>Pivot Actuator. Check for leaks, unusual noise and smooth operation.</li> </ul>	V	1						

NOTE
See TM 10004A-25&P 2 for LTI of UGWS Unique Items.

See TM 07267B-25&P 4 for LTI of AAVR7A1 Unique Items.

See TM 07268B -25&P/2 for LTI of AAVC7A1 Unique Items.

## APPENDIX C

## ASSAULT AMPHIBIOUS VEHICLE UPGUNNED WEAPONS STATION (UGWS), AAVP7A1

## LIMITED TECHNICAL INSPECTION

TAC No. 3-11-	-OS USMONO	527	762	3		Mi	les	_3	60 Hours 1643
<del>Date</del> Inspect	(b)(3) (b)(6) (b)(7)(c)	Inspect					(b)	(3),	(b)(6), (b)(7)(c)
NOME	NCLATURE/LOCATION	Satisfactory		Service	1				
		an Mary	3. 數	 - <del></del>	1494 1942	多层	21 mg	談	是一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个
i. Basket Weldme		V							
<ul> <li>a. Area around obstructions.</li> </ul>	sides of basket weldment clear of	1							
b. Area around obstructions	12 channel slip ring clear of								And the second s
2. 12 Channel Sla	Ring.		1						
	ansetors tight and in good condition.	17							
b. Upper portio	on of 12-channel slip ring rotates free	ly.	1						
c. Manual and	electrical weapons station operation.	7							
3 Power Relay A	ssembly.		1						
a. Box secure t	to bottom of basket.	- L	1/						
b. Electrical co	unectors tight and in good condition.	V							
4. Basket inspecti	<i>GZ</i> :		1						The Rep
a. Seat belt sec condition	ture, latch working properly, belt in g	ood _	/						
b. Stowed item	us do not overhang basket.		1						
	l condition, locks in all height positio sker assembly.	ns.							
II. Weapons Station I	nterior		1	1				2.5	, popular National Control of the Co
1. Turret Power (	Control Assembly.		<del>,                                    </del>						
	ecure. Box secure to basket weldmen	nt. /	)	<u> </u>					
b. Flectrical co	onnector tight and in good condition.	1	1	t		1	1	Ì	
2. Weapon Contra	ol Assembly.		1			-	1	1	
%. Box cover s	secure. Box secure to basket weldme	nt.	<b>—</b>				T		
<ol> <li>Electrical co</li> </ol>	onnector tight and in good condition.		1	1		1	-	1	

ENCLOSURE (51)

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
3. Traverse Switch Assembly				誓	2			
a. Box cover secure to basket weldment.							annimin.	the Control of the Co
b. Electrical connector tight and in good condition.	$\nearrow$							
4. M36R-TSS Penscope	3500	189	饕	<b>***</b>	쮏		<b>1</b>	
a. Mounting Screws. Check screws for security. Check sight is secure to turret weldment.					24,74		2-20	
b. Sight. Check for moisture in window and in mirror. Check condition of glass.	<i>V</i>							
<ul> <li>c. Sight Eyepieces. Check for moisture, condition of reticles, condition of eye-piece pads. and proper operation.</li> </ul>								
<ul> <li>d. Latch Assembly. Check that latch moves freely, and has spring tension.</li> </ul>	_							
e. Hanger Strap. Check for serviceability.								
<ul> <li>f. Head Assembly. Check nuts on head assembly for tightness.</li> </ul>								
g. Body Assembly. Check mounting hardware for security and that safety wire is present.	_							
h. Boresight Knobs – Azimuth and Elevation. Check setting on both knobs and record. Turn each knob. check for smooth movement and shift of sight reticle. Reposition knobs to original settings.	U							
<ol> <li>Sight Power Electrical Connectors. Check that electrical connectors are in good condition.</li> </ol>	-	+						
<ol> <li>Check for cracks, dents, burns and chipped paint on housing.</li> </ol>	-	1						
<ul> <li>k. Check that valve cap is tight and retaining strap is not broken or missing.</li> </ul>	-	1						
<ol> <li>Check that both knobs on elbow assembly move freely from LO to HI position.</li> </ol>	/	7	-					
m. Check that lamp holder is tight and packing is installed.	-		,					
<ul> <li>n. Check that plug or shutter switch is present. If missing, notify supervisor.</li> </ul>	T	1	,					·
<ul> <li>c. Check that all boresight knobs move freely, and scales can be easily read.</li> </ul>	1	1						
p. Check ID plate for damage and if it can be easily read. If plate cannot be read, notify supervisor.	7	1						
<ul> <li>q. Check that shutter switch will not move to ON without pushing safety button first.</li> </ul>	-	7						
<ul> <li>check that valve cap strap is not damaged or missing.</li> </ul>	ŀ	1						
s. Check that all screws are tight on mounting hardware.	1	1						

				1		T		
NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adiust	Alono!	nepau L	Mephace	Remarks MUST be Included if unserviceable.
<ol> <li>Exhaust Blower. Check for corrosion and debris. Make sure electrical connectors are tight and in good shape. Check operation of blower door.</li> </ol>	/							
<ol> <li>50 Califer Animo Ejection Chitie. Check for condition and security. Ensure that chule is clear of debris.</li> </ol>								
<ul> <li>a. C'heck ejection-chute hose for security and condition.</li> </ul>	1							
<ul> <li>b. Spent-Cartridge Box. Check security and condition.</li> <li>Check operation of latches.</li> </ul>	1							
<ol> <li>Equilibrator. Check for corrosion, security and adjustment.</li> </ol>	7							
8. 50 Caliber Ammo Feed System	1				\$ 15°		2 3	
a. Check security and condition of .50 caliber ammo trays.	/	/						
b. Check security and condition of roller guides.	7	1		T	十	$\top$	十	***************************************
9. 40mm Ammo Feed System	132					3 %	<b>混</b> 旅	
Feed Chute. Check for dents, corrosion and/or damage.	1		3	2	(T) (See)	- CS-1 32°		
<ul> <li>b. Check feed-chute cover for tears, holes; zipper must move freely. Check attachment points for security and condition.</li> </ul>	/							
c. Check anti-feedback lever for condition and security.	フ				$\top$		Ť	
10. 40mm Ammo Box Assemblys	湯	外級	變	劉藝	4 3	5 %	蓬 彩	
Check security and condition of box, doors, and flaps.	7					.15		
b. Check operation of latches.	17		1	1	$\top$	丁	Ť	
<ul> <li>c. Check that electrical connector on last—round switch is tight and in good condition.</li> </ul>	1	1						
<ol> <li>40mm Charger Assembly. Check condition and security of charger tube.</li> </ol>	/	1						
12. 40mm Mantlet.	<b>3</b> 龙	/3	1	<b>2</b> 5	<b>3</b> 1		i i	
a. Check condition and security.	1	7			-1			
b. Check operation of cover latches.	1.	/	+	十	+	+	-	
<ol> <li>.50 Caliber Mantlet and Cradle. Check condition and security. Check for damage, cracked welds and bare metal.</li> </ol>								
14. Power–Assist Traverse Mechanism. Check for security, condition and leakage. Make sure that electrical connectors are tight and in good condition.								
<ol> <li>Elevation Control Assembly. Check for security and condition.</li> </ol>	1							

								annightise and annisation and security of the second and second an
NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
Gunner's Trigger Switch. Check for security and condition. Check that electrical connectors are tight and in good condition.								
17. Linkage. Check for security and condition.	1		-110-02-1-1-02-2			*****		animalinidal - XXV-0-0-1
18. Grenade Launcher Inhibit Switch. Check for security and condition. Check that electrical connector is tight and in good condition.	/							
<ol> <li>Elevation Interrupter Switches. Check for condition and security. Check that electrical connectors are tight and in good condition.</li> </ol>								
20. Utility Light. Check that light and electrical connector is secure and in good condition.	_							
21 Communications Box	Well-	3.77	·输展 計劃	· · · · · · · · · · · · · · · · · · ·	<b>张</b> 俊	30% 7%	中於	Served Mark Graph Control of Served S
Check that electrical connector is tight and in good condition.	\ \	/						
b. Check for security and condition.					Ì			
22. Weapons Station: Inspect for damage, security and clarity.	<b>製料</b> その かこ	神道	新数と			を記る		Section of the sectio
<ul> <li>Vision Blocks. Inspect for damage, security and clarity.</li> </ul>	_	-	ू ेप 40के					
<ul> <li>Ring Gear. Inspect for damage and corrosion.</li> <li>Should be clean and no grease.</li> </ul>	J	1						
23. Halch	1	849						
Seal, Hatch, Hinges. Inspect for damage, loose hardware and proper operation.	/							
b. Hatch Latch Check. It should lock the hatch closed, hatch vertical to turnet and hatch horizontally open in three positions (15 degrees, 90 degrees and 175 degrees).	ę							
<ul> <li>c. Hatch Handle. Check security, condition and proper operation.</li> </ul>	-	1						
d. Crash Pads. Inspect pads on hatch and weapons station for security and condition.						\	1	INOP
24. DAGR	1			N N	# 13 13 13 13 13 13 13 13 13 13 13 13 13 1	製造		
Check that electrical and antenna connections are tight and in good condition.	بيد	T						
b. Check for security and condition.	+	ナフ	1	┪		_	-	

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
III. Weapons Station Exterior.								
Receptacle, Spot Light. Inspect for corrosion and damage. Check that cover fits securely and is tight.								
2. Mount, Spot Light. Inspect condition and security.	7							- Edikali qa
3. Smoke Grenade Launchers.								(O <sub>2</sub> -1)
<ul> <li>Tubes. Inspect sight tubes for dents, cracks or corrosion, and security to mounts. Check security of mount to turret.</li> </ul>	./			JF"-				
b. Electrical Contacts. Check that contacts are tight and free of corrosion.	1			4.5	·			
c. Rubber Caps. Check sight caps for condition.								***************************************
<ol> <li>Entrance Window. Inspect condition and security. Look for signs of moisture.</li> </ol>	1		*:			"		
<ol><li>Sight Cover. Inspect condition and security.</li></ol>	V							· · · · · · · · · · · · · · · · · · ·
<ol> <li>40mm Mantlet Cover. Check for security and condition. Check operation of latches.</li> </ol>								
<ol><li>Remote Antenna. Check security and condition of cover.</li></ol>	1							
IV. Functional Tests.		_	1					
<ol> <li>Manual Operation. Check for weapons station binding and backlash.</li> </ol>								**************************************
Azimuth. Check movement through 360 degree clockwise and counter-clockwise.	1	1						
b. Elevation. Check for +45 degree maximum elevation and -8 degree maximum depression.	1							
<ol><li>Powered Systems Test. Vehicle master switch and turret power switch ON. Check operation as noted.</li></ol>	Ì							
<ul> <li>a. Control Box Lights. Check that control box lamps light when turnet power switch is ON by pressing lamp test all button.</li> </ul>								
b. Domelight. Lights in both blue and white switch positions.					7			WHITE INSP
c. Utility Light. Lights in both red and white.								
d. Thermal Elbow Check Only. Ensure the unit shows an image and all controls work.								
e. Spot Light. Install and check operation.		j			T	$\neg$	1	
f. Exhaust Blower. Check operation.	7	_	Ť			1	$\dashv$	

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
Low Ammo System Test:			10 TC					
a. Last-Round Switch OFF. Last-round indicator light on, triggers do not work.								
b. Last-Round Switch ON. Last-round indicator lamp light ON, override switch in up position, triggers work.	/							
c. Last-Round Switch OFF. Last-round indicator light OFF, override switch down, triggers work.	J	***						
Weapons Station System. Perform test as prescribed in Section 3.								
a. Manual Elevation. Check operation,	/							
<ul> <li>b. Deck Clearance. Check clearance of all obstacles.</li> <li>Check all inhibit zones. Weapons electrical trigger will not fire while in inhibit zones.</li> </ul>	/							^
5. Smoke Grenade Launcher Test.	44.	7:3	1	444		主流	() 4200 () () ()	
a. Tubes. Check that they are clear of grenades.	7							
b. Contacts. Check for 24 volts at eight firing pins inside of tubes on smoke grenade launchers. Turret power switches ON, smoke grenade switch ON, hatch in closed and locked position and grenade firing switch depressed.	/							-
6. DAGR Operational Test. Refer to TM 11–5820–1172–13.	(2),5 h				1965 1965 1965 1965	1-3		
a. Check that DAGR passes self-test.		1						
b. Check that DAGR is using vehicle power.		7						
c. Check that DAGR is using remote antenna.								
d. Check functioning of DAGR screen back lighting.								

	Ab-AB.	52249	99	IAPARO I	DATE MOATH
#	NIIN	Nomenclature	Quantity	Unit Price	Ext Price
1	2376985	SCREWDRIVER,FLAT TI	1	\$8.60	\$8.60
2	13673462	SCREWDRIVER ATTACHM	1	\$3.59	\$3.59
3	13784933	SOCKET, SOCKET WRENC	1 🛒	\$31.25	\$31.25
4	13785543	SOCKET,SOCKET WRENC	1	\$10.26	\$10.26
5	1776154	SPOUT,CAN,FLEXIBLE	1	\$11.65	\$11.65
6	2289503	WRENCH, BOX AND OPEN	1	\$2.15	\$2.15
7	2289505	WRENCH, BOX AND OPEN	1	\$4.26	\$4.26
8	2289506	WRENCH,BOX AND OPEN	1	\$4.79	\$4.79
9	2289516	WRENCH,BOX AND OPEN	1	\$17.43	\$17.43
10	2306385	HANDLE,SOCKET WRENC	1	\$37.69	\$37.69
11	1897924	SOCKET, SOCKET WRENC	1	\$4.29	\$4.29
12	1897985	SOCKET, SOCKET WRENC	1	\$4.55	\$4.55
13	2405328	WRENCH, ADJUSTABLE	1	\$10.45	\$10.45
14	2401414	WRENCH, ADJUSTABLE	1	\$65.47	\$65.47
15	2243154	WRENCH,BOX	1 1	\$13.79	\$13.79
16	2243138	WRENCH,BOX	1	\$13.75	\$13.75
17	14810504	SCREW,MACHINE	2	\$0.20	\$0.40
18	2271406	FLAG,SIGNAL	1	\$3.21	\$3.21
19	11870964	SHACKLE	4	\$36.08	\$144.32
20	13616921 13552064	EXTINGUISHER,FIRE	1	\$129.91	\$129.91
22	2247987	BAR,PRY	1 1	\$9.95	\$9.95
23	11740968	BRUSH, FILE CLEANER BRUSH, WIRE, SCRATCH	1	\$16.63 \$4.52	\$16.63
24	11955355	BRUSH, WIRE, SCRATCH	1	\$4.52	\$4.52 \$1.80
25	10758292	DRIFT PIN,TRACK	1	\$1.80	\$113.56
26	13551899	DRIVE HEAD, SOCKET W	1	\$35.24	\$35.24
27	13786054	EXTENSION, SOCKET WR	1	\$6.90	\$6.90
28	9266001	FLAG,SIGNAL	1	\$25.41	\$25.41
29	14863431	FLASHLIGHT	1	\$97.99	\$97.99
30	2648261	FLASHLIGHT	1	\$10.40	\$10.40
31	13785361	HANDLE,EXTENSION,WR	1	\$48.31	\$48.31
32	10711746	HOIST, WIRE ROPE	1	\$269.39	\$269.39
33	2211536	KNIFE,PUTTY	1	\$5.11	\$5.11
34	1558675	LAMP,INCANDESCENT	1	\$2.03	\$2.03
35	2532478	LUBRICATING GUN,HAN	1	\$11.15	\$11.15
36	2432395	MATTOCK	1	\$13.71	\$13.71
37	2558113	MEASURE,LIQUID	1	\$45.40	\$45.40
38	2628868	OILER,HAND	1	\$6.96	\$6.96
39	6821508	PADLOCK	1	\$7.18	\$7.18
40	14297306	PLIERS,DIAGONAL CUT	1	\$11.47	\$11.47
41	13351318	RATCHET HEAD, SOCKET	1	\$134.05	\$134.05
42	2348913	SCREWDRIVER,CROSS T	1	\$1.40	\$1.40
43	2348912	SCREWDRIVER,CROSS T	1	\$4.46	\$4.46
44	2228852	SCREWDRIVER,FLAT TI	1	\$3.84	\$3.84
	44				\$1,408.67

MEF-8 3190.91

	E08467K	_	£08467K	E08467K	E08467K	£08467K	£08467K	E08467K	E08467K	TAMON
	E08467K   WRENCH, Adjustable: 18 in. b; 2.062 wr surf; PN B107.8 CAGE 05047	1	11.001914; Socket Wrench: 1/2 in dr; hinged; 17 sm in by: PN 5523014 CAGE 39428	X SOCKET, Socket Wrench: 15/16 in., 3/4 dr; PN LDH302 CAGE 55719	E08467K PADLOCK: PN A-A-59487-1BC CAGE 58536	809467X   MEASURE, Liquid: PN 07472 CAGE 4NSU7	KNIFE, Putty; PN 5120-00-221-1536 CAGE 80244	FIXTURE ASSEMBLY, Track Connecting: PN 7083799 CAGE 19207	2 - CAP, Protective, Dust And Moisture Seal: PN A3207525-1 CAGE 80063	AND THE PROPERTY OF THE PROPER
	5120-00-240-1414	5120-00-240-5328	5120-00-221-7958	5120-01-378-4933	5340-00-682-1508	7240-00-255-8113	5120-00-221-1536	5120-00-708-3799	5340-01-381-5666	NSN
	522678	522678	522678	522678	522678	522678	522678	522678	522678	SERIAL#
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	2	z	z	z	z	z	z	z	2	QTY SL-3 Complete (Y/N)
	29916826	29916826	29916826	29916826	29916826	29916826	29916826	29916826	29916826	SR#
	>	>	٨	>	A	Þ	>	Α	Þ	SR State
TOTAL	\$65.11	\$9.67	\$11.67	31.25	\$7.83	\$40.01	\$5.11	\$114.94	\$13.19	15 PRICE EACH
\$338.35	\$65.11	\$9.67	\$11.67	\$31.25	\$7.83	\$40,01	\$5.11	\$114.94	\$52.76	TOTAL
										REMARKS

ENCLOSURE (51)

## LIMITED TECHNICHAL INSPECTION

•	, ·			
	SERVICE REQUES	T: 29	747	725
ADN			`. * *	
	TAMN: E0846	TK	NSM: (	2356-01-458-741
NIIN / P/N	SERIAL	QTY.		REMARKS
01-463-8066	37185166 AS152E	[:	U S	2150 RPM
	:			
		-		
CODES: S - SERVICA	BLE U - UNSERVICA	ABLE M	- MISSI	<u>i</u> ING
-19				
	E			
3), (b)(6), (b)(7)(c)	_ LTI BY PRINT/SIG	N:_	(b)(3	3), (b)(6), (b)(7)(c)
	01-463-10(6 01-472-355) CODES: S-SERVICA	TAMN: 60846  NIIN / P/N SERIAL  OI - 463 - NOC6 37185166  OI - 477-3051 AS 1526  CONDITION CODE: F	SET SERIAL: 52] (30)  TAMN: EO 8467 K  NIIN / P/N SERIAL OTY  9-463-1066 371 85166 1  91-4772 36 51 AS 1522 1  CODDES: S-SERVICABLE U-UNSERVICABLE M  CONDITION CODE: F  3), (b)(6), (b)(7)(c) _ LTI BY PRINT/SIGN:_	TAMN: EO 840 K NSN: (  NIIN : P:N SERIAL OTY DEF CODE  OI - 46 - NO (6 371 \$5   66 1 U  OI - 472 30 \$1 A\$ 15 2 E 1 S  CODES: S - SERVICABLE U - UNSERVICABLE M - MISS  CONDITION CODE: F  S). (b)(6), (b)(7)(c) LTI BY PRINT/SIGN: (b)(

	OUS VEHICLE (AAV7A1) NICAL INSPECTION	
MODEL (CIRCLE ONE)	REF	ERENCES
AAVP7AT	TM 09674A-25&P/4	TM 8F152B-25&P
AAVC7A1	TM 07267B-50	
AAVR7A1	TM 07268B-25&P/2	
TACNO. 3HG05	MILES 5/6	
U.S.M.C. NO. 523100	HOURS Z864	TOTAL TOTAL
HULL NO. RAM Y-18U		
ENGINE NO. 37185166	<u> </u>	- Constant
TRANSMISSION NO. A 515ZE	,	
INSPECTOR'S NAME/RANK/SIG	GNATURE	DATE INSPECTED
(b)(3), (b)(6), (b)(7)(c)		20200414

INOTE: The following inspection sneets are devined into seven columns. The inspector will place a *check* in the column which best describes the condition of the item being inspected. For those items that cannot be inspected for any reason, the inspector will make an appropriate annotation in the remarks column.

	,								
NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MU Included if unse	
I. Outside of Vehicle (Forward and Port)	35		25			湖區			200 400 100 100 100 100 100 100 100 100 1
1. Hull Forward End. Check for damage and bare metal.	V				79.1			Section 1. Section 1. Section 1.	
2. Towing Eyes. (Para. 8–33)	翼	NIE.	がで	100	17 to 19 10 15 10	かま	2.5		Experience Agents of w
a. Port.	/					2-6211	1004-5	Contraction of April 2012	5-50, Gen. 7.7 W.
b. Starboard.									
3. Headlights (Para. 11–32)	是為		Ĵwjādi ≠a	-35 c) -347 c)		(1) A.C.	蹇耄		esservationers
a. Port.	1		100	74	2000		drive.	Control of the contro	and a state of the
b. Starboard.									
c. Headlight Guards.									
4. Bow Plane. (Para. 10-14)				100 mg		2 6 2 3 2 4 3 4	100 mg		· · ·
a. Hinges and Mounting Hardware. (Para. 10-17)					12.5		10.00	<u> </u>	
b. Bow Plane. (Para. 10-17)	1./								·
c. Hydraulic Tubes and Fittings. (Para. 10-16)	1								
d. Pivot Actuator. (Para. 10-18)									<del>-</del>
5. Hull Port Side. Check for damage and bare metal.					+ %,				
<ul> <li>a. Armor Piercing Protection Plates Kit (APK).</li> <li>(Para. 16–26a)</li> </ul>	~		_					-	,
b. Steps. (Para. 16-29)	1								
c. Slope Rack Kit (SRK). (Para. 8-49)	<b>V</b>								
d. Stowage provisions. (Para. 16-37)	V								
e. Fairings. (Para. 16–28)	V								
f. Standoff Brackets. (Para. 16–27)	V								
g. Hull Bosses. (Para. 16-36)	1								
<ol> <li>Port Track Shroud. Check for loose mounting hardware and damage. (Para. 16–28)</li> </ol>	/	-							
7. Port Final Drive. (Para. 7-18)			-		2 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	7 7 75		en de la compania del compania del compania de la compania del compania de la compania del compania de la compania de la compania de la compania de la compania del compania	
a. Outer Housing.	1						<u> </u>		<del> ·</del>
b. Bolts.	1								<del></del>
8. Port Sprocket Carrier. Check for loose mounting hardware and damage. (Para. 7–16)	V								
9. Port Sprockets. (Para. 7-16)	<del>                                     </del>								
a. Inner.	V								<del></del> -
b. Outer,	1/		<del> </del>						<del></del>

			<u> </u>	1	1	1	l	
NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable,
<ol> <li>Port Track. (Para. 7–7) Use track wear gage to measure wear. Mark each unserviceable track shoe.</li> </ol>								
a. Track Shoes.	1		0					PROPERTY AND ADDRESS OF THE PROPERTY ADDRESS OF THE PROPERTY ADDRESS OF THE PROPERTY ADDRESS OF THE PROPERTY ADDRESS OF THE PROPERTY ADDRESS OF THE PROPERTY ADDRESS OF THE PROPERTY ADDRESS OF THE PROPERTY ADDRESS OF THE PROPER
b. Track Pads.								
c. Track Pins.	1							
d. Track Wear.								
e. Track Adjustment.				7				TOTAL TOTAL
11. Port Road Wheels and Hubs. (Para. 7–12) Circle those numbers which are unserviceable.				V			AEAA	
a. Road Wheel Cracks/Damage. 1 2 3 4 5 6	1							
b. Road Wheel Wear Rings, 1 2 3 4 5 6	1			,				
c. Hub Oil Leaks.  1 2 3 4 5 6	1	,: *		:			) 	5.1+1; 
d. Hub Oil Level. 1 2 3 4 5 6	4			,	The second			
e. Mounting Hardware. 1 2 3 4 5 6	/							
12. Port Support Arms. (Para. 7–13)  Circle those numbers which are unserviceable.  1 2 3 4 5 6								
13. Port Torsion Bars. (Para 7–13)  Circle those numbers which are unserviceable.								
a. Torsion Bars. 1 2 3 4 5 6								
b. Retaining Screws. 1 2 3 4 5 6								
14. Port Shock Absorbers. (Para. 7-11)								
a. No. 1 Shock.	-							
b. No. 2 Shock.	1					$\dashv$	寸	
c. No. 3 Shock.	1	Ì				1		····
d. No. 4 Shock.	1	7		Ī		$\neg$		
e. Mounting Hardware.	1		7		1		$\dashv$	
15. Port Front Single Support Roller. (Para. 7-14)			1		$\neg$	+	-	
a. Support Wheel Cracks/Damage.	1/		1		$\dashv$	-		
b. Hub Oil Leaks.	1/	_	1	$\neg$	-	+	$\dashv$	2
c. Hub Oil Level.	1/	+	1	_		$\dashv$	-	
d. Mounting Hardware.	1	-	1	$\neg +$	+		+	

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
16. Port Dual Support Roller, (Para. 7-15)							- 100年 - 1947年	
a. Support Wheel Cracks/Damage.								MARKET MARKET AND ASSESSMENT ASSE
b. Hub Oil Leaks.	1					<u></u>		
c. Hub Oil Level.	<b>V</b>				ļ			***
d. Mounting Hardware.	<b>√</b>							
17. Port Rear Single Support Roller. (Para. 7–14)				19 (S)		14. C	1912	
a. Support Wheel Cracks/Damage.	/							
b. Hub Oil Leaks.	J,							
c. Hub Oil Level.	7							
d. Mounting Hardware.	T							
18. Port Slap Guard. (Para. 7–10)  Check for wear and loose mounting hardware.	/							
19, Port Idler Wheel and Hub. (Para. 7-9)					9 - 1 232			
a. Idler.	J							
b. Outer Wheel.	1							
c. Inner Wheel.	1			Ì				
d. Mounting Hardware.	J							
e. Oil Level.	1							
20. Port Track Tension Adjuster. (Para. 7-8)				¥50		100	· 建石	
a. Track Adjuster Support.	/		1					
b. Track Adjuster.	1							
c. Bleeder Valve.	V		Ì					
d. Grease Fitting.	7	1			İ			
21. Port Anode. (Para. 8-54) Check for tightness of mounting screw. Make sure there is no paint on anode.	1							
22. Port Midships Bearing. (Para. 9-18) Check for signs of leaks.	/	,						
23. Drive Shaft. (Para. 9-17) Check for signs of damage.	1							
24. Footman Loop. (Para. 8-50) Check for weld cracks.	17			1	1	1	T	
25. Port Handrails. (Table 3-1) Check for weld cracks.	1		T					
26. Port Cargo Hatch Supports. (Para. 8-26)							;	
a. Forward Support.					1			
b. Aft Support.	17		<u> </u>		1	1		
27. Fuel Tank Pressure Relief Valve (Para. 12–18) and Outlet Cover (Para. 12–12). Check cover and mounting screws for damage. Check relief opens.	1	,			-			
28. Check fuel filter cap. (Para. 12-9)	7						T	

PROPERTY.		1	1		1	1	Γ.	i	į
	NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable,
25	9. Stowage Brackets. Check for weld cracks.	1.7				Ì			
30	D. Bilge Pump Outlets.								
	a. Hydraulic Pump Outlet. (Para. 8-47)	1							\$
	b. Electric Pump Outlet. (Para. 8-46)	1							AND THE PROPERTY OF THE PROPER
3:	i. Personnel Heater Exhaust Outlet. (Para. 14-14)		40	i es	-	<b>E</b>			AND THE STREET OF THE STREET O
	a. Outlet Cap.	1	V7-		<u> </u>	-			The many amountained to the second
-	b. Outlet Adapter.	1							
32	2. Exterior Fire Extinguisher Pull Handle. (Para, 15-13)	a de la composition della composition della comp		-:-		-	75		7. A
	a. Handle.	1	^-	*				•	
	b. Wire Seal.	J							
33	B. External Fuel Tank Drain. Check plug for tightness and leaks. (Para. 12-18)	,/					ŧ		Taken to the
34	Port Deflector. (Para. 9–21) Check for warping and cracks. Check mounting hardware for tightness and damage.								
35	Port Reverse Flow Duct. Check for damage and tight mounting hardware. (Para. 9–20)	1							
36	Port Propulsion Unit. (Para. 9–20) Check unit for damage and mounting hardware for tightness. Rotate driveshaft to check for free movement of impeller.	1				-			
II. Ő	utside of Vehicle (Aft and Starboard)								
1.	Taillights								
	a. Port Taillight. (Para. 11-53)	v							
	b. Starboard Taillight. (Para. 11–59)	1							
	c. Taillight Guards.	1				1			
2.	Horn. (Para. 11–54) Check for loose mounting hardware, corrosion, and proper electrical connections.						1		CONNECTOR BROKEN
3.	Tow Cable Stowage Brackets. (Para. 8-27) Check for cracked or bent brackets.	J							
4.	Towing Pintle. (Para. 8-41) Check for loose mounting hardware. Check pintle for free rotation and proper quick-release operation.			/					TIGHTEN CASIE NUT
5.	Ramp Plugs. (Para. 8-27) Check for tightness.	./				1			
6.	Ramp Hinges and Towing Eyes. (Para. 8-27) Check mounting hardware for tightness.	1							
			<del></del>						

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be included if unserviceable.
7. Vision Block and Guard. (Para. 8–30)	61,61 3160		3.5		122 A		70.147 25.201	
a. Vision Block Guard.	/							
b. Vision Block.	J							
8. Personnel Hatch, (Para. 8-31)	5 (5 ° 34 (5 °)				<b>新</b>			
a. Personnel Hatch Handle (inner and outer).	1		<del>-</del> -					**************************************
b. Personnel Hatch Seal.	1							,
c. Hook and Damper.	1							
d. Mounting Hardware.	/							
<ol> <li>Starboard Deflector. Check for warping and cracks.</li> <li>Check mounting hardware for tightness and damage.</li> <li>(Para. 9–20)</li> </ol>	/							
10. Trailer Receptacle.	K-X				VENTA St.		446 H 44 H	
a. Cover.								
b. Retainer Chain.	1							
11. Starboard Reverse Flow Duct. Check for damage and tight mounting hardware. (Para. 9-20)								
<ol> <li>Starboard Propulsion Unit. Check unit for damage and mounting hardware for tightness. Rotate drive shaft to check for free movement of impeller. (Para. 9-20)</li> </ol>	/							
13. Drive Shaft. Check for signs of damage.		<u> </u>	1					NEEDS PM
14. Footman Loop. Check for weld cracks.	1							
15. Starboard Idler Wheel and Hub. (Para. 7-9)		il in	8.7	÷(:			Ŋ.	
a. Idler.	1							
b. Outer wheel.	/							
c. Inner wheel.	7							
d. Mounting Hardware.	/							
e. Oil Level.	7							
16. Starboard Track Tension Adjuster. (Para. 7-8)		(3) (4)		34 °.		7	3464 33-33	
a. Track Adjuster Support.	/		-					
b. Track Adjuster.	7							
c. Bleeder Valve.	7							
d. Grease Fitting.	1							
17. Starboard Anode. Check for tightness of mounting screw. Make sure there is no paint on anode.  (Para. 8–54)	/							
18. Starboard Midships Bearing. Check for signs of leaks. (Para. 9–18)								

NOMENCLATURE/LOCATION	Satisfactory	Wissing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
<ol> <li>Starboard Road Wheels and Hubs. Check those numbers which are unserviceable. (Para. 7–12)</li> </ol>			•					
a. Road Wheel Cracks/Damage. 1 2 3 4 5 6	/							
b. Road Wheel Wear Rings. 1 2 3 4 5 6	1							
c. Hub Oil Leaks. 1 2 3 4 5 6	1							
d. Hub Oil Level.								
e. Mounting Hardware. 1 2 3 4 5 6	1							
<ol> <li>Starboard Support Arms. Circle those numbers which are unserviceable.</li> <li>2 3 4 5 6</li> </ol>	1							
<ul> <li>21. Starboard Torsion Bars. Check for broken bar and loose retaining screws. Circle those numbers which are unserviceable.</li> <li>1 2 3 4 5 6</li> </ul>	/						973	
22. Starboard Shock Absorbers. (Para. 7-11)	1_	1 1919	_			_	ļ	
a. No. 1 Shock	<u> </u>			╽		ऻ_	<u> </u>	
b. No. 2 Shock	1	1_		┦-	<u> </u>	_	<del> </del>	
c. No. 3 Shock	1		_		_		<u> </u>	
d. No. 4 Shock						1_		
e. Mounting Hardware.						_	<del>                                     </del>	
23. Starboard Front Single Support Roller. (Para 7-14)			_	_	<u> </u>	╀-	<del> </del>	
a. Support Wheel Cracks/Damage.	1	1	_	1	_	-	-	
b. Hub Oil Leaks.	^	4	_	_		$\bot$	1	
c. Hub Oil Level.		1				4	4_	
d. Mounting Hardware.			$\perp$			$\perp$	_	
24. Starboard Dual Support Roller. (Para. 7-15)			_ _		_		$\bot$	
a. Support Wheel Cracks/Damage.					$\perp$	_	_	
b. Hub Oil Leaks.	1			ᆜ				
c. Hub Oil Level.	\ \							
d. Mounting Hardware.	U						_	
25. Starboard Rear Single Support Roller. (Para. 7-14)				$\perp$				
a. Support Wheel Cracks/Damage.								
b. Hub Oil Leaks.	$\int$			_			1	
c. Hub Oil Level.	- $T$							
d. Mounting Hardware.		/T		Į	Ì	Ì	İ	

NOMENCLATURE/LOCATION		Satisfactory	Missing	Service	Sel Vice	Adjust	Repair	Benjace		Remarks MUST be Included if unserviceable.
<ol> <li>Starboard Slap Guard. Check for wear and loose mounting hardware. (Para. 7–10)</li> </ol>		/								
<ol> <li>Starboard Track. Use track wear gage to measure wear. Mark each unserviceable track shoe. (Para. 7–7)</li> </ol>			. Y			×1.0				
a. Track Shoes.	5.00	/		Topics Topics	73.0	3: 0	a,¥c	(2.2)	452.0	
b. Track Pads.	+;	/-	$\dashv$		├-	+			<u> </u>	
c. Track Pins.	ť	+	$\dashv$		┞	+				
d. Track Wear.	+/	<u> </u>	+		_	+	-			
e. Track Adjustment.		+	+		-	+				
28. Starboard Sprocket Rings. (Para. 7-16)				· · · · · · · · · · · · · · · · · · ·	Hoj.	7 J	Al est			
a. Inner.	1		+		a.q.		+	<u> </u>	Paris.	
b. Outer,	1	+	+			+	-			
<ol> <li>Starboard Sprocket Carrier. Check for loose mounting hardware and damage. (Para. 7–16)</li> </ol>			+	_		+	+			
30. Starboard Final Drive. (Para. 7-18)	100			55.4	\$.74			\	<i>1</i>	
a. Outer Housing.	7	1.29		(2) and	A second		+			
b. Bolts.	Ź	$\vdash$	╁	-		+	+	-		
31. Starboard Side Pontoon. Remove drain plug and check for water. (Para. 8-44)	1	-	+			+				
<ol> <li>Starboard Track Shroud. Check for loose mounting hardware and damage. (Para. 8–34)</li> </ol>	/		-	+		$\perp$				
33. Starboard Bilge Pump Outlets. (Para. 8-46)	/	) 24-			15 T	15	<u> </u>		17.2	
a. Hydraulic Pump Outlet.			+	+	_	-	5. C.		-	
b. Electric Pump Outlet.	Ĵ	_	+	+		-	-	-		
34. Stowage Brackets. Check for weld cracks.	7	<u> </u>	╁	+		-	+	$\dashv$	-	
<ol> <li>Heater Exhaust Outlet. Check for loose mounting hardware and damage.</li> </ol>	1			1			-			
36. Starboard Cargo Hatch Supports. (Para. 8-26)	War.	: ::5w			(A.		st   18	7.12		
a. Forward Support.	<u> </u>	, ritiger e	· Kor		શું ધા	哲學			in E	
b. Aft Support,	7		-	十		-	+	+	-	
c. Hand Rails.	/		+	+		<u> </u>	+	$\dashv$	_	
37. Footman Loop. Check for weld cracks. (Para. 8-50)	7		╁	+			+	$\dashv$	-	

					<u> </u>	1		
NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
38. Starboard Side Hull. Check for damaged and bare metal.						2		
a. Armor Piercing Protection Plates Kit (APK). (Para. 16-26a)								
b. Steps. (Para. 16-29)	1							
c. Slope Rack Kit (SRK). (Para. 8-49)			:					
d. Stowage provisions. (Para. 16-37)	,							,
e. Fairings. (Para. 16-28)	1							
f. Standoff Brackets. (Para. 16-27)	J							
g. Hull Bosses. (Para. 16-36)	1							
I. Bottom of Vehicle	Howard and			16.5 E	de Section	STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET	tion and	
1. Hull. Check bottom of vehicle for damage.	1		_	1		7 7 - a.s.	· C · · · · · · ·	N. Za
Drain Plugs. Check for missing, tight, or damaged plugs.	Ţ		* =		**			
a. Hull. (Para. 8-42)	1				-			
b. Ramp. (Para. 8-27)	1		£.	1,1241				
c. Contact Cooler: (Para: 8-43)	1							
V. Outside of Vehicle (Topside)				-				
Hand Rail (forward). Check for weld cracks or other damage.	1							
<ol> <li>Mooring Cleats/Lifting Fixtures. Check for damage. (Para. 8–34)</li> </ol>					-			
a. Forward (port and starboard).	1							
b. Aft (port and starboard).	<b>✓</b>							
b. Aft (port and starboard).  3. Intake Grille.  NOTE  Make sure intake grille is secured properly in raised position. (Para. 8–13)								
a. Screen.								
b. Brace Rod.								
c. Cam Lock Handles/Stop Screws.	7							
d. Torsion Bar Assembly, (Para. 8-17)		,						
e. Mounting Hardware.	1						-	
f. Seal.								
4. Ventilator-Aspirator. Check that valve works properly and inlet screen is clean and not damaged. (Para. 8-18)	1							
<ol> <li>Radiator Cover and Cap. Check ballistic cover for damage and radiator cap for proper sealing. (Para. 8–19)</li> </ol>	nd							

			1	l			l	
NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
<ol><li>Center Plate. Check sealing surface for tight fit and retaining screws for tightness.</li></ol>	/							
7. Exhaust Grille. (Para. 8-14)				. <b>4</b> -5.6 3-7.7				
NOTE  Make sure that exhaust grille is secured properly in raised position.								
a. Screen.	./	/						
b. Seal.	7							
c. Brace Rod.	V,							
d. Lugs (dogs).	/							
e. Mounting Hardware.	J							
8. Plenum Indicators. (Para. 8–16)		400			\$2050 550_		38	
a. Intake.	1							
b. Exhaust.	J							
9. Searchlight Mount and Receptacle. Check for damage.	J							
10. Driver's Hatch: (Para, 8-21)	**************************************	Ž.		áji.		95.30 1977A		
a. Cover and Hinges.	7							
b. Torsion Bar.	J							
c. Latches (open and closed).	7							
d. Seals and Pads.	J,					İ		
e. Vision Blocks.	1							
f. DVE Adapter Assembly.	V							,
11. Periscope and Support. Check periscope for breaks and chips and support for damage. (Para. 8-24)	/							
12. Commander's Hatch. (Para. 8-23)	18332						FV.	
a. Cover and Hinges.	1							
b. Torsion Bar.	1							
c. Latches (open and closed).	1							
d. Seals and Pads.	J							
e. Vision Blocks.	1			<u> </u>				
13. External Exhaust system. Check the external muffler, muffler guard, for damage and operation.  (TM 8F152B-25&P/C)	. V.							
a. Muffler.	1							
b. Guard.	1							
c. Pipes/Clamp.	17						Ī	

	<del></del>	1	1			Ī	i	
NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
<ol> <li>Ventilation Exhaust Outlet. Check ballistic cover for damage and tight retaining screws. Check screen for damage.</li> </ol>								
15. Overhead Protection Kit (OPK).								
a. OPK Tiles.			1					@ BOLTS
b. Torsion Bar Assist Mechanism (TBAM) Cover.	1							
c. TBAM.	J				i			· · · · · · · · · · · · · · · · · · ·
d. Bosses.	1							
16. Cargo Hatches.			i.			¥.		, 9
a. Covers and Hinges.	J							
b. Torsion Bar.	J						s	
c. Latches (open and closed).	J							
d. Seals.	<i>J.</i>	-			1			Annual series and a series and a series and a series and a series and a series and a series and a series and a
17. Antenna Mounts.		g.		j	20-27			
a. Receiving Mount.								
b. Port Sending Mount.	<i>)</i>		_		Ï			
c. Starboard Sending Mount,	1							
d. PLRS Antenna Mount.	J					j		
e. DACT Antenna Mount.	J		Ì					
<ol> <li>Sea Tow Quick–Release. Check assembly for damage and proper operation.</li> </ol>	J							
V. Engine Compartment (Forward)			İ			Ì		
Forward Bulkhead, Bow Pod Access Cover, and Bow Pod.      NOTE      Make sure intake grille is properly secured in raised position.				111111111111111111111111111111111111111				
a. Bow Plane Velocity Fuse Valves.	1				_			
b. Bow Pod Access Cover.			7		-			LOOSE BOLTS
c. TACNAV sensor.	1					$\neg$		<u> </u>
Intake Plenum Actuating Cylinder.			_	1				
a. Cylinder.			***************************************			_		
b. Hydraulic Hoses.		v	-	1				
3. Cam Roller Lock. Check condition of each latch roller.	1							

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
4. Cooling Fan.	* F	5,726		- T	16 12 16 11			
a, Guard.								
b. Shroud.	7					Jun 2007		
c. Fan.	1							
d. Bearings.	1							
e. Belt Adjustment.	1							
f. Seals.	V							ALL LANGUAGE VIEW AND ADDRESS OF THE PARTY O
g. Fan Cartridge Bearing.	IJ							
h. Drain Tube.		J						
5. Surge Tank:		5.5						
a, Tank.	1							
b. Valve.	V							
c. Hose and Tubes.	T					<u> </u>		
d. Mounting Hardware.	1	İ						
6. Crew Ventilation:		1,924,113.1	***	12.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	10.75	N. W.Y.	ille:	
a. Ducts, Clamps, and Hoses.	1							
b. Drain Tube.		V						
7. Control Linkages.	12	F		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	-, : -,,,	25. (L		
a. Brake Linkage.	1	1						
b. Steering Linkage.	1				Ì			
c. Throttle Linkage.	1							
d. Brake Flood Control Valve Linkage.	1 /							
NOTE  Make sure flood valve spindle moves freely.								
e. Engine Compartment Exhaust Fan Linkage.	1	1		<del> </del>				
Transmission Mounts. Check mounts for loose mounting hardware. Check transmission guide and guide rollers for damage.	1							
9. Electrical Wiring and Connections.	1 1		-		. 35.3		1	
a. Bulk Head Connectors.		1	1	1			1	
b. Power Plant Wiring.		<del>/                                    </del>	$\top$	1	<del>                                     </del>	1		
c. Crew Vent Fan.	17	/	1			1	T	
d. Electrical Bilge Pump.	-	1	1./	1	1	1	$\top$	KNOCKING NOISE
<ol> <li>Hydrostatic Steering Disconnect Lever. Check lever for correct operation, damage, and wear. Check for leaks.</li> </ol>	/					7-44		

	1	1		·				
NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
11. Port Final Drive.								
a. Oil/Oil Level.	7							
b. Oil Leaks/Seals.	1							
c. Mounting Hardware.	7							
d. Speedometer Adapter/Cable.	7							MAPPIN GRANDER UNIVERSITY
12. Port U-Joint. Check for wear, tight screws, and proper safety wiring.	J							
13. Port Hydraulic Bilge Pump. Check for oil leaks, loose mounting hardware, damaged screen, and debris.	1				*			•
<ol> <li>Bilge Pump Bypass Valve. Check for oil leaks, loose mounting hardware, and damaged electrical connections.</li> </ol>	J						·.	
15. Plenum Solenoid Valve. Check for oil leaks, loose mounting hardware, and damaged electrical connection.	1							
<ol> <li>Bow Plane Hydraulic tubes. Hoses and Fittings.         Check for leaks, loose fittings and loose mounting hardware.     </li> </ol>	J							
17. Fuel Manifold. Check for fuel leaks and loose mounting hardware.			$\sqrt{}$					QUICK DISCON LEARING
18. Forward Engine Compartment Fire Extinguisher Discharge Nozzle. Check for damage and debris.	J							
<ol> <li>Port Lateral Drive Shaft. Check shaft for damage and coupling for tight mounting screws and proper safety wire.</li> </ol>	1							
20. Port Right Angle Drive. Check oil level. Check mounting hardware for looseness. Check for signs of leaks.	J							
21. Starboard Final Drive.								
a. Oil/Oil Level.					-			
b. Oil Leaks/Seals.	1							
c. Mounting Hardware.	1							
22. Starboard U-Joint. Check for wear, tight screws, and proper safety wiring.	1							
<ol> <li>Starboard Lateral Drive Shaft. Check shaft for damage and coupling for tight mounting screws and proper safety wire.</li> </ol>	1							<u> </u>
<ol> <li>Starboard Electrical Bilge Pump. Check screen for debris and damage. Check mounting hardware for tightness.</li> </ol>			✓					KNOCHING NOISE

The state of the s				1	<u> </u>		į	
NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable,
<ol> <li>Precleaner. Check cleaner for damage, loose mounting hardware, and loose clamps. Check screen for damage and debris.</li> </ol>	/							
<ol> <li>Crew Ventilation Fan. Check mounting hardware for looseness. Check ducts and clamps for damage and tightness.</li> </ol>								
<ol> <li>Starboard Right Angle Drive. Check oil level. Check mounting hardware for looseness. Check for signs of leaks.</li> </ol>	/							
28. Starboard Right Angle Drive Shaft. Check condition of shaft coupling for damage. Check coupling bolts for tightness and proper safety wire.	/					,		
<ol> <li>Fan Drive Shaft. Check shaft and coupling for damage or wear. Check safety wire for damage.</li> </ol>	/							
30. Fuel Filter.		35 (S.	30h	24.5	<b>3</b> 015.			
a. Fuel Leaks.	1							
b. Drain Cock/Contamination.								
c. Electrical Leads/Transducer.								
d. Mounting Hardware/Air Valve.	/							
31. Power Takeoff Unit			1000 (100 1000 (1000)		EMES GARS	100 m 200 m		
a. Oil Leaks.	J							
b. Mounting Hardware.	J							
c. Electrical leads/Connections.	J							
32. Starter. Check that starter is mounted properly. Check electrical leads and connections for damage and proper connections.	1							
33. Transmission Oil Cooler. Check for oil and water leaks. Check electrical leads and connections for damage. Check oil lines, hoses, and clamps for tightness.	/							
<ol> <li>Exhaust Manifold (starboard side). Check for cracks, holes, and corrosion. Check mounting hardware for tightness.</li> </ol>	1		Miles					

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NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
35. Transmission. Check for overall cleanliness and damage.								
a. Leaks.	17			<u> </u>				
<ul> <li>Torque converter to engine mounting screw for tightness.</li> </ul>	1							11 1900 1900 1900 AAA 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
c. Range selector valve for leaks and safety wire.	./					7- 1	-	- Marine Company Company
d. Oil Leaks.	/	-						
e. Left and right brake and steer sections for leaks and loose mounting bolts.	1				÷		,	
f. Check brakes for proper adjustment.	/	•						
<ul> <li>g. Check transmission drain line for leaks, damage, and loose drain plug.</li> </ul>								
I. Engine Compartment (Aft)	1,710		No. 1	e <sub>n a</sub>	c \$24	<i>.</i>		
Exhaust Plenum. Check actuating cylinder and oil lines for leaks. Check condition of plenum seal.	Ĭ		1					
2. Components Belted on to the Engine. Check for tight mounting hardware, proper electrical connections, darnaged hoses and electrical leads, and leaks.								
a. Turbocharger.			1		7			LEAK
b. PT Pump.			ĺ	i	_		-	
c. Exhaust Manifold (port side).			1				İ	LEAK
d. Engine Oil Cooler.						1		- 01
e. Engine Oil Filter.				<del> </del>			-	
f. Intake Manifold.						Ì	1	
g. Smoke Generation Components.	ارا	$\neg$						
h. Cold Start Components.		1				1		
i. Crankcase Breathers.	1	7						
3. Transmission Oil Filter.			_			$\dashv$		
a. Mounting Hardware.		1	$\dashv$		-	1	_	· · · · · · · · · · · · · · · · · · ·
b. Leaks.	7		-	-	$\neg$	-	$\dashv$	
c. Check Electrical Connections.	7	$\dashv$			-	$\dashv$		<u></u>
4. Engine Oil Level. Check for correct level and signs of contamination. Check dipstick for damage.				-				
<ol> <li>Transmission Oil Level. Check for correct level and signs of contamination. Check fill tube and dipstick for damage.</li> </ol>			1					
<ol> <li>Tachometer Drive Shaft. Check for adapter and cable damage.</li> </ol>	1				-			

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
<ol><li>Radiator. Check for radiator damage. Check for water leaks on radiator and coolant tubes.</li></ol>	/							
<ol> <li>Exhaust System. Check condition of insulation. Check for loose mounting hardware and damaged scavenging system check valve and for leaks.</li> </ol>	-		1					INSULATION COOSE
<ol> <li>Engine Compartment Exhaust Duct. Check for cracks or other damage. Check mounting hardware and clamps for tightness. Check tubes for proper mounting.</li> </ol>	J							
10. Engine. Check overall condition of engine for cleanliness and fuel, coolant, and oil leaks.	J	-						
11. Generator.	ν.	40.75	4.3	el di		न्द्रश्रेष्ट् अपूर्व		
a. Bracket and Hardware.								
b. Pulley and Belt.	1							
c. Adjustment.	/							
d. Voltage Regulator			1					IMPROPERLY MOUNTED
12. Water Pump. Check for leaks.				1 (*15) 1 <del>(</del>	あがら あさ。	100 T	<b>基</b> 等	
a. Pump.	_		İ	L.,				
b. Hoses and Tubes.	/		<u> </u>					
c. Belt and Adjustment.	/	<u> </u>						
<ol> <li>Fire Extinguisher Discharge Nozzle. Check for damage, debris, and condition of safety wire.</li> </ol>	1							
14. Engine Oil Heat Exchanger. Check mounting hardware for tightness. Check for oil leaks. Check electrical leads for damage and tight connections.	1							
<ol> <li>Cold Start Disconnect Lever. Check for proper operation, damage, and corrosion.</li> </ol>	1							
16. Hydraulic Reservoir.	1	13.7 13.7 13.7	3.5		185			
a. Oil Leaks.			1					QUICH DISCON LEAR
b. Mounting Hardware.	1							
c. Oil Level.	1							
d. Dipstick for damage.	/	1						

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
VII. Troop Compartment  NOTE  Before inspecting troop compartment, open cargo hatches. Sound horn and lower ramp.		4						
<ol> <li>Engine Compartment Access Covers (aft). Check all thumbscrews and clamps for damage and operation. Check covers for correct mating and damage.</li> </ol>	<u></u>				,			
a. Aft Upper.	1							
b. Aft Center.	/							THE PERSON NAMED OF THE PE
c. Aft Lower,	1							
d. Port Upper.	1	7			•		£"	
e. Port Lower.	Ÿ.	,		·· ·				_
f. Smoke Generation.	1		:					
<ol> <li>Smoke Generation Fuel Control Valve. Check to see if valve operates freely. Check for any damaged components and leaks.</li> </ol>	1	·ţ		.,				·
3. Engine Compartment Fire Extinguisher.	V 10							
a. Bottle and Tag.	1							
b. Control Valve.	1							
c. Clamps.						1		
<ol> <li>Troop Ventilation Outlets. Check for free movement and damaged louvers.</li> </ol>	1		-					
<ol><li>Coolant Bypass Tube. Check to see if tube is mounted properly in retaining brackets.</li></ol>	/							
6. Air Cleaner Companiment.		1				•		
a. Access Door.								
b. Retaining Brackets:							1	
c. Element.			1	_			1	
d. Compartment.		1			1			
<ol> <li>Right Angle Drive Access Cover. Rotate weapon station to gain access to cover. Check cover for proper mating and damage.</li> </ol>		- TOTAL						
<ol> <li>Starboard Longitudinal Shaft Cover. Check for damage. Check for loose mounting hardware.</li> </ol>	1		İ				1	
<ol> <li>Starboard Longitudinal Shaft. Check shaft for damage and coupling for tight mounting screws and proper safety wire.</li> </ol>	1	- Level - 14 mary			-			

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	R Inclu	emarks MUS ded if unserv	
10. Fuel Tank Drains. Check both valves for proper						Park.				
operation. Check fuel lines and fittings for leaks.  Check manual shutoff valves to make sure the handle.										
rotates freely.									ya ayan wasa a sayan kasa	
a. Internal Fuel Tank Drain.	1444A) 80	********	1	485 gr	GENERAL SERVICES	entistice.	erisheria.	0	STUPPE	<u>-</u>
b. External Fuel Tank Drain.	./							<u> </u>	3/4 . 0.	
c. Fuel Lines and Fittings.	1									4,00,00
d. Manual Shutoff Valve.	1		ļ							Danis V. T.
11. Fuel Tank	491314 491314	1974 1			19 21	NASS.		8 0 10 0 1 32 84 74 2	i je dan di kacamatan di kacamatan di kacamatan di kacamatan di kacamatan di kacamatan di kacamatan di kacamat Kacamatan di kacamatan di kacamatan di kacamatan di kacamatan di kacamatan di kacamatan di kacamatan di kacama	San Arthur III. I an Albandar Anno 1860
a. Electrical Leads.		10-10-10	1	x = 5/2.		( ( ) - ( )		AFT	PUMP	Dotsout:
b. Leaks.	1									
c. Retaining Straps.	1	ļ								
d. Breather Cap.	1		-						<del></del>	
12. Troop Seats		0.55	3.5			第5 2007	10.5			
a. Hinges.	1									
b. Supports.	1									
c. Seat Pans.	1									-
d. Cushions.	1./									
e. Safety Belts/Straps.	1									
f. Adjusting Rods.	1									
13. Interior Stowage.		2.7								
a. MG Cleaning Rod Bracket.	1		<u> </u>							
b. Rifle Brackets.		1		ļ						
c. Water Can Supports.	1	<u> </u>				<u> </u>	ļ			
d. Seat Stowage Supports.	1									
e. DVE Container.	/					ļ				
f. Portable Fire Extinguisher Bracket.	1	·								
g. Pamphlet Stowage Rack.										
h. Ammo Box Bracket.	1	1								
i. Hand Oiler Bracket.	1							<u> </u>		
j. Tool Box Stowage Support.		1								
14. Power Distribution Box. Check to see if box is securely mounted. Check all electrical connections for tightness. Check cover for tight screws. Check slave output power switch for damage.	1									

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
15. Batteries.			-					
a. Battery Box Cover.	7							
b. Holddowns.	1				<u></u>			
c. Cables and Terminals.	7							
d. Battery and Terminal Posts.	1							AND THE PROPERTY OF THE PROPER
e. Battery Box Drains.	1							THE STATE OF THE S
f. Battery Instruction Plate,	/							
<ol> <li>Radio Guards. Check guards for damage and loose or missing mounting hardware.</li> </ol>	/						_	air,
17. Deflector Actuator Guards. Check guards for debris and damage. Check mounting hardware for tightness.			g e					
a. Port			1					UNTUSTALIFO
b. Starboard.	1			is G	1	Kalan jer		2.
18. Water Steer System Components.	·\$4.	I		Çüğ.		(表 )		
<ul> <li>a. Water-Jet Deflector Position Sensing Module (port and starboard).</li> </ul>	7			Į.				
b. Water-Jet Deflector Servo Module (port and starboard).			1					
<ul> <li>c. Water-Jet Deflector Solenoid Module (port and starboard).</li> </ul>			/					STBO NOT MOUNTED
d. Actuator Cylinders Port and Starboard.	5				•			
e. Actuator Bracket Port and Starboard.	1			İ				
19. AFSSS Electrical Components.								
a. Sensors/Control Box.	1							
b. Cables.								
c. Test AFSSS using the test set (Item 4, Table 11-1) (Para. 11-70)	$\int$							
20. Dome Lights. Check mounting hardware for tightness. Check for broken or cracked lens and knobs. With master switch ON, check lights for proper operation.			J					AFT (D) SULBS WEGO REPLACE
21. Aft Slave Receptacle. Check cover and chain for damage. Check insert for corrosion and damage. Check electrical lead for damage and loose connections. Check mounting hardware for tightness.								·
<ol> <li>Troop Ventilation Outlets. Check for free movement and damaged louvers.</li> </ol>	1							
<ol> <li>Ramp Lock Linkage. Check to see that linkage does not bind. Check for bent or warped linkage rods.</li> </ol>	1							

		Γ					<u> </u>	<u></u>	
NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remari Included if	ks MUST be unserviceable,
24. Ramp. With ramp lowered, check ramp seal for breaks and spongy condition.	341 341 313								
Ramp Seal. Check mating with hull in closed position.	<b>√</b>								
b. Vision Block Cover.	1								
c. Skid Bars	1								went to
d. Quick-Release (Visual Only).	1				ĺ				
e. Tow Pintle Release.	1						-		
25. Deck Plates.	3.5		1.031 3.5- E		₹2.4 87.5.5		11.327 2.12		
a. Deck Plates (port and starboard).	J					<u> </u>			
b. Center Deck Plate.	1						1		
c. Contact Cooler Bleeder Valve Access Cover.	1								
d. Bilge Pump Access Cover (port and starboard).	1								
e. Tiedown Rings.	1								
NOTE  Remove troop compartment deck plates before continuing.									
<ol><li>Contact Cooler. Check that bleeder valve is not frozen. Check for signs of leaks.</li></ol>			1					BLEEDEN	L VALUE SEIZED
27. Torsion Bars. Check torsion bars for damage.	1								
28. Ramp Cylinder and Cable.	V								
29. Hydraulic Bilge Pump,			1. v.			4,64			
a. Bilge Pump.	1	1							
b. Outlet tube.		1							
30. Electric Bilge Pump.							4 375 5 5 5		
a. Electric Pump.	J	′							
b. Outlet Tube.								CLAMP	S NEWD TIG
<ol> <li>Bilges. Check for cleanliness and obvious signs of damage.</li> </ol>	V V Jan					e Kolen Vitari Tokon			
a. Brackets and Mounting Hardware.	1	1							
b. Discharge Tubs and Nozzles.									
32. Fire Extinguisher (17 lb).	T			1	:				
a. Mounting Hardware.	7	1							
b. Discharge Tub and Seal.	1	1	1		1	1			
c. Tag Date	T-	17	1		1	1	$\top$		11.00
d. Seal.	1	朾	+-			1	1		

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Wodify	Remarks MUST be Included if unserviceable,
33. Personnel Heater.				1			117	
a. Mounts.	J							
b. Exhaust System and Cover.			1					BRONEN HANDLE
c. Electrical Wiring and Switches.	1							- Committee of the comm
d. Fuel System.	1							
e. Heater Ducts.		_	1		· · · · · · · · · · · · · · · · · · ·			NOT MOUNTED
<ol> <li>Port Longitudinal Shaft Cover. Check for damage. Check for loose mounting hardware.</li> </ol>				.£\ 	والانتهار دونتهار	1. No. 1.		
<ol> <li>Port Longitudinal Shaft. Check shaft for damage and coupling for tight mounting screws and proper safety wire.</li> </ol>	<b>√</b>		, -		4.46			Sec. 11
36. Radio Mounts.	·蒙		. ±3.		\$3.00 m			***
a. Check Mounting Hardware.	1						ĺ	
b. Check Radio Mounts.			/			•		LOUSE
c. Check Radio Cables.	1.5		eli. Ne					
37. EPLRS Rack.	5.00		Ę		i			
a. Check Mounting Hardware.	1							
b. Check Radio Mounts	1	ĺ			ĺ	Ť		
c. Check Radio Cables.	1		Î					
VIII. Driver's and Commander's Station					-			
1. Access Covers.								
a. Hydrostatic Steer Disconnect Lever.				-	Ī			
b. Final Drive U-Joint.	1					Ì	ĺ	
c. Hydraulic Reservoir.	1		ļ					
<ol> <li>Flapper Valve. Check spring tension flapper. Check mounting screws for tightness and damage to flapper.</li> </ol>	/							
<ol> <li>Fire Extinguisher (7 lb). Check mounting bracket and hardware for tightness. Check tag for date bottle was last weighed. Check wire seat on control head.</li> </ol>								
a. Bracket and Mounting Hardware.	1	-	Ì	1	1	$\dashv$	_	
b. Tag/Date.		1		1	<del>-  </del>	+	-	UNREADABLE
c. Wire Seal.	V					i		- Invited In
Ramp Lock Handle. Check handle and lock for damage and proper operation.	w/		1					
<ol><li>Ramp Control Valve. Check for damage, loose fittings, leaks, and loose mounting hardware.</li></ol>	1					***************************************		

NOMENCLATURE/LOCATION  6. Fire Extinguisher Discharge Handle. Check handle for damage and unbroken wire seal.  7. Power Train Switch. Move lever and check for binding. Check bail for damage.  8. Mode Selector Switch. Check for missing or damaged toggle switch.  9. Handle Throttle. Move throttle and check for proper operation. Check linkage and cover for damage.  10. Gear Selector. Check console for loose mounting hardware for damage. Check movement of selector through all gear range.  11. Air Cleaner Restrictor Indicator. Check for proper mounting to bulkhead. Check indicator for damage.  12. Auxiliary Instrument Panel. Check panel for loose mounting hardware. Check that gages are securely mounted in panel, and that hose connections are tight.  13. Accelerator Pédal.  a. Mounting Hardware/Brackets.  b. Pedal and Pedal Stop Screw.  c. Water Drive Switch.  14. Brake Pedal. Apply and release brakes to check binding.  15. Parking Brake Handle. Check for proper operation. Make sure that parking brake holds and releases properly.	l l	- 1				)		1	
damage and unbroken wire seal.  7. Power Train Switch. Move lever and check for binding. Check bail for damage.  8. Mode Selector Switch. Check for missing or damaged toggle switch.  9. Handle Throttle. Move throttle and check for proper operation. Check linkage and cover for damage.  10. Gear Selector. Check console for loose mounting hardware for damage. Check movement of selector through all gear range.  11. Air Cleaner Restrictor Indicator. Check for proper mounting to bulkhead. Check indicator for damage.  12. Auxiliary Instrument Panel. Check panel for loose mounting hardware. Check that gages are securely mounted in panel, and that hose connections are tight.  13. Accelerator Pedal.  a. Mounting Hardware/Brackets.  b. Pedal and Pedal Stop Screw.  c. Water Drive Switch.  14. Brake Pedal. Apply and release brakes to check binding.  15. Parking Brake Handle. Check for proper operation. Make sure that parking brake holds and releases properly.	NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	
binding. Check bail for damage.  8. Mode Selector Switch. Check for missing or damaged toggle switch.  9. Handle Throttle. Move throttle and check for proper operation. Check linkage and cover for damage.  10. Gear Selector. Check console for loose mounting hardware for damage. Check movement of selector through all gear range.  11. Air Cleaner Restrictor Indicator. Check for proper mounting to bulkhead. Check indicator for damage.  12. Auxiliary Instrument Panel. Check panel for loose mounting hardware. Check that gages are securely mounted in panel, and that hose connections are tight.  13. Accelerator Pédal.  a. Mounting Hardware/Brackets.  b. Pedal and Pedal Stop Screw.  c. Water Drive Switch.  14. Brake Pedal. Apply and release brakes to check binding.  15. Parking Brake Handle. Check for proper operation. Make sure that parking brake holds and releases properly.		/				-			
8. Mode Selector Switch. Check for missing or damaged toggle switch.  9. Handle Throttle. Move throttle and check for proper operation. Check linkage and cover for damage.  10. Gear Selector. Check console for loose mounting hardware for damage. Check movement of selector through all gear range.  11. Air Cleaner Restrictor Indicator. Check for proper mounting to bulkhead. Check indicator for damage.  12. Auxiliary Instrument Panel. Check panel for loose mounting hardware. Check that gages are securely mounted in panel, and that hose connections are tight.  13. Accelerator Pédal.  a. Mounting Hardware/Brackets.  b. Pedal and Pedal Stop Screw.  c. Water Drive Switch.  14. Brake Pedal. Apply and release brakes to check binding.  15. Parking Brake Handle. Check for proper operation. Make sure that parking brake holds and releases properly.				/					DISCON ZAMLES
operation. Check linkage and cover for damage.  10. Gear Selector. Check console for loose mounting hardware for damage. Check movement of selector through all gear range.  11. Air Cleaner Restrictor Indicator. Check for proper mounting to bulkhead. Check indicator for damage.  12. Auxiliary Instrument Panel. Check panel for loose mounting hardware. Check that gages are securely mounted in panel, and that hose connections are tight.  13. Accelerator Pédal.  a. Mounting Hardware/Brackets.  b. Pedal and Pedal Stop Screw.  c. Water Drive Switch.  14. Brake Pedal. Apply and release brakes to check binding.  15. Parking Brake Handle. Check for proper operation. Make sure that parking brake holds and releases properly.		1							
hardware for damage. Check movement of selector through all gear range.  11. Air Cleaner Restrictor Indicator. Check for proper mounting to bulkhead. Check indicator for damage.  12. Auxiliary Instrument Panel. Check panel for loose mounting hardware. Check that gages are securely mounted in panel, and that hose connections are tight.  13. Accelerator Pédal.  a. Mounting Hardware/Brackets.  b. Pedal and Pedal Stop Screw.  c. Water Drive Switch.  14. Brake Pedal. Apply and release brakes to check binding.  15. Parking Brake Handle. Check for proper operation. Make sure that parking brake holds and releases properly.		J							
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a. Mounting Hardware/Brackets.  b. Pedal and Pedal Stop Screw.  c. Water Drive Switch.  14. Brake Pedal. Apply and release brakes to check binding.  15. Parking Brake Handle. Check for proper operation. Make sure that parking brake holds and releases properly.	mounting hardware. Check that gages are securely	/							
b. Pedal and Pedal Stop Screw.  c. Water Drive Switch.  14. Brake Pedal. Apply and release brakes to check binding.  15. Parking Brake Handle. Check for proper operation. Make sure that parking brake holds and releases properly.	13. Accelerator Pédal.				Sidest Photo Turks		À175		
c. Water Drive Switch.  14. Brake Pedal. Apply and release brakes to check binding.  15. Parking Brake Handle. Check for proper operation. Make sure that parking brake holds and releases properly.	a. Mounting Hardware/Brackets.								
14. Brake Pedal. Apply and release brakes to check binding.  15. Parking Brake Handle. Check for proper operation.  Make sure that parking brake holds and releases properly.	b. Pedal and Pedal Stop Screw.	1							
14. Brake Pedal. Apply and release brakes to check binding.  15. Parking Brake Handle. Check for proper operation.  Make sure that parking brake holds and releases properly.	c. Water Drive Switch.			/					DISCON CABLES
Make sure that parking brake holds and releases properly.		/							
ac cultivariate our principal facility of the last the desired of the desired of the last the	Make sure that parking brake holds and releases	V							
operation of wheel tilt. Check for binding linkage.  Check steering wheel sensing module for loose mounting hardware or damaged wiring.	Check steering wheel sensing module for loose								
a. Steering Wheel.	a. Steering Wheel.	V							
	b. Steering Wheel Sensing Module.	V							

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
<ol> <li>Indicator Panel. Check mounting hardware and grommets for tightness and damage. Check for loose or damaged switches, lights, and buttons.</li> </ol>								
. a. Master Switch.						<del> </del>		P. DOVENIUM SERIOUM SE
b. Lamp Test/Warning Cancel Switch.								
c. Horn Button.	17							
d. Panel Lights Brt/Dim Switch.							-	
e. Cold Start Switch.	1/							
f. Starter Button.								
g. Light Switch.	1/					-		
h. TACNAV Indicator.							<u> </u> 	
i. Tachometer.	17	_		1				
j. Speedometer.	17			-				
k. Smoke Generation Indicator Light.	17	-				-		
l. Smoke Generation Switch.	1	1	寸					
m. Forward Electric Bilge Pump Switch.	7	1		_		$\neg$		<u> </u>
n. Aft Electric Bilge Pump Switch.	1		1			1		
o. Aft Electric Bilge Pump Indicator Light.	1							
p. Forward Electric Bilge Pump Indicator Light.	17	1	1	<u> </u>				
q. Aft Hydraulic Bilge Pump Indicator Light.	1				1	_		
r. Forward Hydraulic Bilge Pump Indicator Light.	7	十	1		-			
s. Ventilation Switch,	1	_			1	1		
18. Driver's Display Unit. Check for cracked glass and moisture. Check that unit is securely mounted in indicator panel. NOTE Bar scales and warning lights will be checked during the operational portion of preinduction.		And the state of t						WATER TEMP INOP
<ol> <li>Bow Plane Control Valve. Check for damage, loose fittings, leaks, and loose mounting hardware.</li> </ol>				1				
20. Vent Air Outlets. Check driver's and commander's outlets for breaks and cracks. Check to see if outlet rotates freely. Check mounting hardware for tightness.								
a. Driver's Outlet.	1,1		_		$\dashv$		$\dashv$	
b. Commander's Outlet.	<del> </del>	十		+	-		$\dashv$	

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
<ol> <li>Vent Air Hoses, Tubes, and Duct. Check for loose clamps and mounting hardware. Check for damaged hoses, tubes, and duct.</li> </ol>	V	,		400			,	
<ol> <li>Bilge Outlet Tube. Check tube for damage, hoses for cracks, and clamps for tightness.</li> </ol>	1							
23. Instrument Distribution Box. Check that box is securely mounted, and that cover screws are tight. Check all wiring harness connectors for tightness.			$\sqrt{}$					(b) PAMEL COMP
24. Forward Slave Receptacle on Instrument Distribution Box. Check cover and chain for damage. Check receptacle for corrosion and damage.								
25. Searchlight Switch. Check for damage and operation.	7							
26. Ventilation Air Outlet Valve. Check for loose mounting hardware and damaged cable and handle with ball. Open and close outlet and check for binding linkage.		/					•	
27. Data Plates. Check for damage.	1							
<ol> <li>Manual Fuel Shutoff Handle. Check shaft for damage and grommets for wear. Rotate handle to check for free operation.</li> </ol>	/							
29. Driver's Seat. Check seat adjustments for proper operation. Check mounting hardware and brackets for damage and tightness. Check seat supports, pan, belt and cushions for damage.			1					CUSHON DA
30. Troop Commander's Seat. Check seat adjustments for proper operation. Check mounting hardware and brackets for damage and tightness. Check seat supports, pan, belt and cushions for damage.			1					CUSHION TORN
<ol> <li>Interior Decals and Instruction Plates. Check to see that they are readable.</li> </ol>	/							
32. Fire Extinguishers (MFSS and AFSSS).  NOTE  At this time all fire suppression system bottles are to be pulled and weighed.								
a. Mounting Hardware.	17							
b. Discharge Tube and Seal.	1							
c. Tag Date.		1						
d. Seal.	1							
<ol> <li>Drive Shaft Guards. Check guards for damage and mounting hardware for tightness.</li> </ol>	J							

. NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable,	
X. Equipment Operation		7		- :	315				
1. Start vehicle, check operation of the following:						İ			
a. Master Switch.	7		-	7					
b. Horn.			/		ļ			cable LUT	
c. Fuel Level Indicator.	1								
d. Battery Generator Indicator.	1							U DO HONORIA DE LA CONTRACTOR DE LA CONT	
e. Electric Bilge Pumps (forward and aft).		İ	/					EWO RATTLES	
f. Panel Lights (brt/dim):	1								
g. Display Panel Warning Lights.	7		j						
h. Vent Switch Low Position.	1								
<ol> <li>Perform Diagnostic Test Equipment checks in accordance with TM 09674A-25&amp;P/4, (See worksheet at the end of this Appendix).</li> </ol>	/	ì			·	n4			
3. Vehicle Stall Check. With brakes locked, and gear selector in 4th gear, accelerate fully and check the following:				Vieta Santa	±	<u>।</u>			
a. Brakes.									
b. Transmission.	J								
c. Engine. RPM.			1					2150 RPM	
<ul> <li>d. TACNAV Indicator. Check that system powers and display works.</li> </ul>									
4. Lights Check that lights work properly.									
a. Light Switch.									
b. Service Drive.	1								
c. Dimmer Switch.	1								<u>.</u>
d. Blackout Markers.			1					1 NOD	
e. Stop Light.	1								
f. Park.	/								
g, Searchlight.	/								
h. Interior Dome Lights.					$\sqrt{}$			RENRODARINOP BULBS	NITED PLEPLY
<ol><li>Driver's Viewer Enhancer (DVE). Check that power system works.</li></ol>							İ		·
Lamp Test/Warning Cancel Switch. Check audio signal with proper comm helmet.									

		,				,		page 1 and 1
NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
X. Functional Road Test	3 de 1					iş file Hedici		
Steering. Check operation and drift.	J							
<ol><li>Gear Ranges. Check for slippage and that lockup works properly.</li></ol>								DURSH'S REACH 4TH GR LOUNGUT
3. Smoke Generation. Check for correct operation.								
<ol> <li>Brakes. Check to see if brakes pull to one side or the other.</li> </ol>	1							
5. Speedometer. Check for correct operation.			1					DOESN'T REACH 4-14 GR LUCHOU
6. Noises. Check for any unusual noises.	<b>V</b>							
XI. Water Systems Test	÷ 1.5.				143 V		Sept.	
<ol> <li>Pienums. Check that plenums close completely. Fan shuts off. (Para. 8–13)</li> </ol>			1					NO HYDROLEAN
2. Check if hydraulic bilge pumps operation.			1					
3. Check if electric bilge pumps operate.	1							
4. Check that jet drive activates at 1000 to 1200 RPM.			1					JET DAUG OPMANES LULAND
5. Bow Plane Operation.	-	4.4			a (3,		9.3	
<ul> <li>a. Control Valve. Check for proper operation and leaks.</li> </ul>			1					NULTOROLEAN
b. Bow Plane. Check that it fully extends and retracts.			1					
<ul> <li>c. Pivot Actuator. Check for leaks, unusual noise and smooth operation.</li> </ul>			1					
N.C.	TE							

#### NOTE

See TM 10004A-25&P/2 for LTI of UGWS Unique Items. See TM 07267B-25&P/4 for LTI of AAVR7A1 Unique Items. See TM 07268B-25&P/2 for LTI of AAVC7A1 Unique Items.

### APPENDIX C

# ASSAULT AMPHIBIOUS VEHICLE UPGUNNED WEAPONS STATION (UGWS) AAVP7A1

#### LIMITED TECHNICAL INSPECTION

TACNO 14605 USMCNO 5		-	ω,		<u> 1971</u>	Ut's "	7 1	6 Hours 7 864
17216 Inspected 20200414 Ins	peci	.) [				(b)(3	), (b	)(6), (b)(7)(c)
*See Table C-1 for UG	ZW:	D						
MOMENGLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unservices!
I. Basket Weldasent								
i. Basket Weldment Clearance.								· A.
<ol> <li>Area around sides of basket weldment clear of obstractions.</li> </ol>								7
Area around 12 channel slip ring clear of obstructions								
1 ID Champel Stylering.	ý							
a. सिंग्डाम्बर्का अन्तरम् सर्वेश कार्य में कृत्वय कार्यमध्य								
<ul> <li>Upper portion of the channel stip ring courts frely.</li> <li>Manual and electroni weapons station operation.</li> </ul>	/			,		,		
n. Maunul and electrical weapons station aperation	$\cdot $			l		- -		
The Brown Belog Association				:	t.	ſ		
c. Box serum in comun of braket.			ļ	}				
ं. जिल्लाकांट्या एटवाम् एटवर प्रेतृता धार्ट का ५००छ र जायांचे घ	4/	ŕ •		į	i i			
Basier inspection		i i	E .	2		1		
i. Sear beit semie linch warking properly beloin god weettige		E	+					
1 - S. J. Laker Committee of the Committ	:\/	í í	E I	;	:			
selti. Sasaliaen Besa itali belek jakus. Retisaliakaseniiky		/				-		:
	9					<u>;</u>	1	
1. Tamet Power Comitol Assembly.	-	i E	į.	****	E S	F F	í ž	
a. Eksti sovec se rire. Bom secrire so bashes weldimem.		<u>इ</u> ्र	i ţ	<del>-</del>	<del>!</del>	<u>.</u>	<del></del>	<u> </u>
n Electrical extractor right and in greet condition.	1		Ę Į	<u>.</u>	ť.		2	
L. They are Control Assembly:		<u> </u>	ļ.	ř.			ř	f.
a. Post a vec sepure. Box secure to basise: weldment	1./	<b>/-</b> .	ž :	Ž.	-	<u></u>	Ę.	•
े जिल्ला को क्षान कर प्रांतुक्त कार्य के कुर को क्षानिक.	/	7	<del></del>	<del></del> -		<del></del>		

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
3. Traverse Switch Assembly	2000 (1000)	1.3% 2.3%	14.37 15. 14	を持て でで	46.6	<b>30</b>		
a. Box cover secure to basket weldment.			/		,	£.'c.sr	£.469-1	/b - 1 /
b. Electrical connector tight and in good condition.	. /	<u> </u>	V					M 2160 7/ 10006
4 M36E-TSS Penscope:	差	* EX	5.00 3000	#500 #1500	7	***	The second	
Mounting Screws. Check screws for security. Check sight is secure to turret weldment.	\/		7		257	332.60	A.S.	A STATE OF THE STA
<ul> <li>b. Sight. Check for moisture in window and in mirror.</li> <li>Check condition of glass.</li> </ul>	$\checkmark$							
<ul> <li>c. Sight Eyepieces. Check for moisture, condition of reticles, condition of eye-piece pads. and proper operation.</li> </ul>	√							
d. Latch Assembly. Check that latch moves freely, and has spring tension.	$\checkmark$							
e. Hanger Strap. Check for serviceability.	$\checkmark$							
f. Head Assembly. Check nuts on head assembly for tightness.	<i>\</i>							
<ol> <li>Body Assembly. Check mounting hardware for security and that safety wire is present.</li> </ol>	1							
<ul> <li>h. Boresight Knobs – Azimuth and Elevation. Check setting on both knobs and record. Turn each knob, check for smooth movement and shift of sight reticle. Reposition knobs to original settings.</li> </ul>	$\checkmark$							
<ol> <li>Sight Power Electrical Connectors. Check that electrical connectors are in good condition.</li> </ol>		$\checkmark$						Connector (M)
<ul> <li>j. Check for cracks, dents, burns and chipped paint on housing.</li> </ul>	√ /				<u> </u>			
<ul> <li>k. Check that valve cap is tight and retaining strap is not broken or missing.</li> </ul>	/							
<ol> <li>Check that both knobs on elbow assembly move freely from LO to HI position.</li> </ol>	V							
m. Check that lamp holder is fight and packing is installed.	$\checkmark$							
<ul> <li>c. Check that play or shaner switch is present. If missing, notify supervisor.</li> </ul>	1							
<ul> <li>Check that all boresight knobs move freely, and scales can be easily read.</li> </ul>	V							
p. Check ID plate for damage and if it can be easily read. If plate cannot be read, notify supervisor.	V							
q. Check that shutter switch will not move to ON without pushing safety button first.							-	
<ol> <li>Check that valve cap strap is not damaged or missing.</li> </ol>	V	-					-	
s. Check that all screws are tight on mounting		1		1	T	1	1	

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
<ol> <li>Exhaust Blower. Check for corrosion and debris. Make sure electrical connectors are tight and in good shape. Check operation of blower door.</li> </ol>	$\checkmark$						٠,	
6 50 Caliber Ammo Epechon Gande Check for condition and security. Hosine that chine is clear of debris						建建	<b>建筑</b>	
<ol> <li>Check ejection-chute hose for security and condition.</li> </ol>			$\checkmark$					( Minstalled
<ul> <li>Spent–Cartridge Box. Check security and condition. Check operation of latches.</li> </ul>			$\checkmark$					Uninstalled Uninstalled
<ol> <li>Equilibrator. Check for corrosion, security and adjustment.</li> </ol>	$\checkmark$							
8. 50 Caliber Ammo Feed System	於 報	鵱	基圈	7 (A) 17 (A)	3	4	老是	
a. Check security and condition of .50 caliber ammo trays.								
<ul> <li>b. Check security and condition of roller guides.</li> </ul>	V							
9. 40mm Ammo Feed System.	1	拉蒙		11 (12) 1-2-1-2		3 A	1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	
<ul> <li>a. Feed Chute. Check for dents, corrosion and/or damage.</li> </ul>								
<ul> <li>b. Check feed-chute cover for tears, holes; zipper must move freely. Check attachment points for security and condition.</li> </ul>	V							
c. Check anti-feedback lever for condition and security.	1/							
10. 40mm Ammo Box Assembly.	1		7.3	鎮	14%	· 李寶		The second secon
Check security and condition of box. doors, and flaps.	V					Į.		
<ul> <li>Check operation of latches.</li> </ul>	17	1	1	Ī	Ī	T		
<ul> <li>c. Check that electrical connector on last—round switch is tight and in good condition.</li> </ul>	V							
<ol> <li>40mm Charger Assembly. Check condition and security of charger tube.</li> </ol>	$\vee$							
12. 40mm Manflet.		1		7.5	λ .	. 57	1 2	
a. Check condinou and security.	1./		1			1		
b. Check operation of cover latches.		T		T				
13 50 Caliber Mantlet and Cradle. Check condition and security. Therk for damage, cracked welds and bare metal.	V							
14 Power-Assist Traverse Mechanism. Check for security, condition and leakage. Make sure that electrical connectors are ught and in good condition.		1	\ \					MiBoH/Loase
15 Elevation ControlAssembly Check for security and condition.		/						MiBoH/Loase Mod Install



NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
<ol> <li>Gunner's Trigger Switch. Check for security and condition. Check that electrical connectors are tight and in good condition.</li> </ol>		√						$\widehat{\mathcal{A}}$
17. Linkage. Check for security and condition.	1.7					***************************************		
<ol> <li>Grenade Launcher Inhibit Switch. Check for security and condition. Check that electrical connector is tight and in good condition.</li> </ol>			$\checkmark$				(	D
<ol> <li>Elevation Interrupter Switches. Check for condition and security. Check that electrical connectors are tight and in good condition.</li> </ol>	V						-	
<ol> <li>Utility Light. Check that light and electrical connector is secure and in good condition.</li> </ol>		V						$\bigcirc$
21. Communications Box	五樓	30 A	· (1)	2.174 3.5	1	-6.建- -2.6-4	潼	Control of the participant of the control of the co
<ul> <li>a. Check that electrical connector is tight and in good condition.</li> </ul>	$\sqrt{}$							_
<ul> <li>b. Check for security and condition.</li> </ul>	7							
22. Weapons Station Inspect for damage, security and clarity.	57.5 31.3 1	- 1	· 一年 · · · · · · · · · · · · · · · · · ·		激发	· · · · · · · · · · · · · · · · · · ·	) 2600 2600 2600 2600	
<ul> <li>a. Vision Blocks. Inspect for damage, security and clarity.</li> </ul>	<b>√</b>				-17-1		4 .54	
<ul> <li>Ring Gear. Inspect for damage and corrosion.</li> <li>Should be clean and no grease.</li> </ul>	$\sqrt{}$							
23. Hatch.	- E		1.	20	is Sign	T (	197 198	
Seal, Hatch, Hinges. Inspect for damage, leose hardware and proper operation.					\$ 3.4	::: <sup>-</sup>	<u>স্থা</u>	Seal (M)
<ul> <li>Haich Latch Check. It should lock the hatch closed, hatch vertical to turret and hatch horizontally open in three positions (15 degrees, 90 degrees and 175 degrees).</li> </ul>	$\checkmark$							JEAN V.Y
<ul> <li>c. Hatch Handle. Check security, condition and proper operation.</li> </ul>	$\checkmark$							
<li>d. Crash Pads. Inspect pads on hatch and weapons station for security and condition.</li>								Pad (F)
24. DAGR.						Y		100
Check that electrical and antenna connections are tight and in good condition.								
b Check for security and condition.	-	· /						

NOMENGLATURE/LOCATION	Satisfactory	Missing	Service					Remarks MUST be Included if unserviceable.
III Weapons Station Exterior		<b>1</b>	福		縣			
<ol> <li>Receptacle, Spot Light. Inspect for corrosion and damage. Check that cover fits securely and is tight.</li> </ol>	$\sqrt{}$		VIII III III III III III III III III II					
<ol><li>Mount, Spot Light. Inspect condition and security.</li></ol>	$\checkmark$							
Smoke Grenade Launchers     Tubes. Inspect sight tubes for dents, cracks or corrosion, and security to mounts. Check security of		教	教を	安治 第二	**************************************			
mount to furret.	$\vee$							
<ul> <li>b. Electrical Contacts. Check that contacts are tight and free of corrosion.</li> </ul>	$\sqrt{}$							
c. Rubber Caps. Check sight caps for condition.	<b>/</b>							
<ol> <li>Entrance Window. Inspect condition and security. Look for signs of moisture.</li> </ol>	$\checkmark$							
<ol><li>Sight Cover. Inspect condition and security.</li></ol>	<b>/</b>							
6 40mm Mantlet Cover. Check for security and condition. Check operation of latches.	/							
<ol> <li>Remote Antenna. Check security and condition of cover.</li> </ol>	V							
IV. Functional Tests:	12.		100	ill de la constant de	1500 1000			
Manual Operation. Check for weapons station binding and backlash.	1 200 17 Mg/dr 18 Mg/dr 18 Mg/dr 18 Mg/dr	1. () 1. () 1. () 1. ()	(数	75-12-12-12-12-12-12-12-12-12-12-12-12-12-			はいる。	
<ul> <li>a. Azimuth. Check movement through 360 degree clockwise and counter-clockwise.</li> </ul>						1		Traverse Mech Locse
<ul> <li>b. Elevation. Check for +45 degree maximum elevation and -8 degree maximum depression.</li> </ul>			V					No Elevation Mech
Powered Systems Test Vehicle master switch and turnet power switch ON: Check operation as noted.		73						
<ol> <li>Control Box Lights. Check that control box lamps light when turnet power switch is ON by pressing lamp test all burton.</li> </ol>			V					Sight Power Light D
b Domelight. Lights in both blue and white switch positions.	V							
<ol> <li>Utility Light: Lights in Loth red and winte.</li> </ol>	P		1			╽		ING Utility Light
i Thermal Elboy Check Only Ensure the unit shows an mage and all countries work.			V					Signt Cant Tim On
e Spot Light. Install and check operation.	V			$\overline{\mathbb{I}}$				
f. Exhaust Blower. Check operation.	1	1	1		1			

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service					Remarks MUST be Included if unserviceable.
3. Low Amnio System Test.	新	4	が強	T.S.	1	100	発送	は 日本 日本 日本 日本 日本 日本 日本 日本 日本 日本 日本 日本 日本
<ul> <li>a. Last-Round Switch OFF. Last-round indicator light on. triggers do not work.</li> </ul>							ornica na	
<ul> <li>b. Last-Round Switch ON. Last-round indicator lamp light ON, override switch in up position, triggers work.</li> </ul>		$\checkmark$			- Carlotte		ennece dame.	Switch -
<ul> <li>c. Last-Round Switch OFF. Last-round indicator light OFF, override switch down, triggers work.</li> </ul>		$\checkmark$				-		
4. Weapons Station System: Perform test as prescribed in Section 3.		<b>新</b>						
a. Manual Elevation. Check operation.		J						
<ul> <li>b. Deck Clearance. Check clearance of all obstacles.</li> <li>Check all inhibit zones. Weapons electrical trigger will not fire while in inhibit zones.</li> </ul>		V						Mech
5. Smoke Grenade Launcher Test.	1:0		3.3°	** <u>**</u>	#10 A	3472 °	₩, 15	THE PROPERTY OF STREET
a. Tubes. Check that they are clear of grenades.	. 7			-	2.4		35.00	Carrier of the State of the Sta
b. Contacts. Check for 24 volts at eight firing pins inside of tubes on smoke grenade launchers. Turret power switches ON, smoke grenade switch ON, hatch in closed and locked position and grenade firing switch depressed.	V							
6. DAGR Operational Test. Refer to TM 11-5820-1172-13	(計) 12(1) (計)	<b>清</b> 聲			120 (52	98344 98344	短数	
<ol> <li>a. Check that DAGR passes self-test.</li> </ol>		7	].					
<ol> <li>Check that DAGR is using vehicle power.</li> </ol>		17		Π			İ	
c. Check that DAGR is using remote antenna.		17			Ī	Ī		
d. Check functioning of DAGR screen back lighting.		1-		1		1	İ	

523100									
#	NIIN	Nomenclature	Quantity	Unit Price	Ext Price				
1	11870964	SHACKLE	1	\$36.08	\$36.08				
2	13616921	EXTINGUISHER,FIRE	1	\$129.91	\$129.91				
3	2247987	BRUSH, FILE CLEANER	1	\$16.63	\$16.63				
4	2633873	BRUSH,PAINT	1	\$1.56	\$1.56				
5	2247055	CUTTER,BOLT	1	\$30.30	\$30.30				
6	10758292	DRIFT PIN,TRACK	1	\$113.56	\$113.56				
7	2211536	KNIFE,PUTTY	1	\$5.11	\$5.11				
8	1558675	LAMP,INCANDESCENT	1	\$2.03	\$2.03				
9	864293	LIGHT,EXTENSION	1	\$97.75	\$97.75				
10	193093	LAMP,INCANDESCENT	1	\$0.25	\$0.25				
11	2532478	LUBRICATING GUN,HAN	1	\$11.15	\$11.15				
12	2628868	OILER,HAND	1	\$6.96	\$6.96				
13	6821508	PADLOCK	1.	\$7.18	\$7.18				
14	14297306	PLIERS, DIAGONAL CUT	1	\$11.47	\$11.47				
15	2348913	SCREWDRIVER,CROSS T	1	\$1.40	\$1.40				
16	2348912	SCREWDRIVER,CROSS T	1.	\$4.46	\$4.46				
17	2228852	SCREWDRIVER,FLAT TI	1	\$3.84	\$3.84				
18	2376985	SCREWDRIVER,FLAT TI	1	\$8.60	\$8.60				
19	14863602	SPOTLIGHT	1	\$951.69	\$951.69				
20	13673462	SCREWDRIVER ATTACHM	1	\$3.59	\$3.59				
21	13785543	SOCKET, SOCKET WRENC	1	\$10.26	\$10.26				
22	1065 <b>6</b> 71	ROLL, TOOLS AND ACCE	1	\$10.64	\$10.64				
23	2289506	WRENCH,BOX AND OPEN	1	\$4.79	\$4.79				
24	2289514	WRENCH,BOX AND OPEN	11	\$13.28	\$13.28				
25	2217958	HANDLE,SOCKET WRENC	1	\$11.69	\$11.69				
26	1897934	SOCKET,SOCKET WRENC	11	\$4.62	\$4.62				
27	1897927	SOCKET, SOCKET WRENC	1	\$3.79	\$3.79				
28	1897913	SOCKET,SOCKET WRENC	11	\$3.65	\$3.65				
29	1897914	SOCKET,SOCKET WRENC	1	\$3.46	\$3.46				
30	2405328	WRENCH,ADJUSTABLE	1	\$10.45	\$10.45				
31	13491383	WRENCH,BOX	1	\$9.50	\$9.50				
32	14810504	SCREW,MACHINE	2	\$0.20	\$0.40				
33	9221200	FIRST AID KIT,UTILI	1	\$51.90	\$51.90				
34	2423650	FLAGSTAFF	1	\$4.29	\$4.29				
35	2271511	FLAG,SIGNAL	1	\$3.09	\$3.09				
	35				\$1,589.33				

TARGET CONTROL OF STREET	and tomes will disade		and the second second second second		
TAMEN NOMEN E08467K VALVE ASSEMBLY, M	NIIN	SERIAL# QTY	Condition Code	SR# SR Status T/P (\$) REMARKS	
	01-112-7625	523100 1	<u>R</u>	29747720 SHT PART \$3,144.25	
E08467K CABLE ASSEMBLY, W E08467K CUSHION, SEAT, VEHI	01-394-1789	523100 1	<u>R</u>	29747720 SHT PART \$532.09	
E08467K TRACH SHOE, VEHICLE	01-113-6579 01-442-9686	523100 2	<u> </u>	29747720 SHT PART \$66.20	
	A Committee of the comm	523100 170	. <u></u> K	29747720 SHT PART \$32,470,00	
E08467K PIN, STRAIGHT, HEAD	00-159-3604	523100 1	к	29747720 SHT PART \$5.06	
E08467K WASHER, FLAT	00-767-9425	523100 3	R	29747720 SHT PART \$23.76	
E08467K PIN, COTTER	00-234-1864	523100 1	R	29747720 SHT PART \$3.67	
E08467K SCREW, CAP, HEXAGON	00-717-5467	523100 1	R	29747720 SHT PART \$0.43	
E08467K NUT, SE;F-LOCKING	00-914-6028	523100 1	R	29747720 SHT PART \$0.56	
E08467K PIN, COTTER	00-2341863	523100 1	R	29747720 SHT PART \$24.37	
E08467K WASHER, FLAT	00-625-5756	523100 1	R	29747720 SHT PART \$4.55	
E08467K PIN, STRAIGHT, HEAD	00-155-5344	523100 1	R	29747720 SHT PART \$5.04	
E08467K LOCKNUT, TUBE FITTING	00-727-8912	523100 2	R	29747720 SHT PART \$3.28	
E08467K WASHER, FLAT	00-068-5285	523100 1	R	29747720 SHT PART \$9.93	
E08467K ADAPTER, STRAIGHT	00-226-6771	523100 1	R	29747720 SHT PART \$15.04	
E08467K ELBOW, TUBE	00-264-6788	523100 1	R	29747720 SHT PART \$21.61	
E08467K BRACKET, EYE, NONR	01-238-8822	523100 1	R	29747720 SHT PART \$116.66	
E08467K BEARING, SLEEVE	00-153-8734	523100 1	R	29747720 SHT PART \$3.06	
E08467K PIN, STRAIGHT, HEAD	00-239-7637	523100 1	R	29747720 SHT PART \$3.85	
E08467K PIN, STRAIGHT, HEAD	01-509-6311	523100 1	R	29747720 SHT PART \$19.18	
E08467K BUMPER	00-598-2754	523100 1	R	29747720 SHT PART \$0.47	
E08467K BEARING, SLEEVE	00-153-8734	523100 1	R	29747720 SHT PART \$3.06	
E08467K CABLE ASSEMBLY, S	01-310-0335	523100 4	R	29921618 SHT PART \$173.84	
E08467K CABLE ASSEMBLY, S	01-449-1701	523100 1	R	29921618 SHT PART \$457.14	
E08467K BOLT, MACHINE	00-021-3912	523100 10	R	29921618 SHT PART \$2.80	
E08467K WASHER, FLAT	01-389-7014	523100 10	R	29921618 SHT PART \$1.20	
E08467K WASHER, LOCK	00-974-6623	523100 10	R	29921618 SHT PART \$39.40	
E08467K NUT, PLAIN, HEXAGON	00-939-2655	523100 10	R	29921618 SHT PART \$2,30	
E08467K CABLE ASSEMBLY, S	01-449-2169	523100 1	R	29921618 SHT PART \$373.63	
E08467K CABLE ASSEMBLY	01-226-2442	523100 3	R	29921618 SHT PART \$142.50	
E08467K CABLE ASSEMBLY, R	01-301-0834	523100 3	R	29921618 SHT PART \$159,42	
E08467K BRACKET, MOUNTING	01-456-7986	523100 6	R	29921618 SHT PART \$72,54	