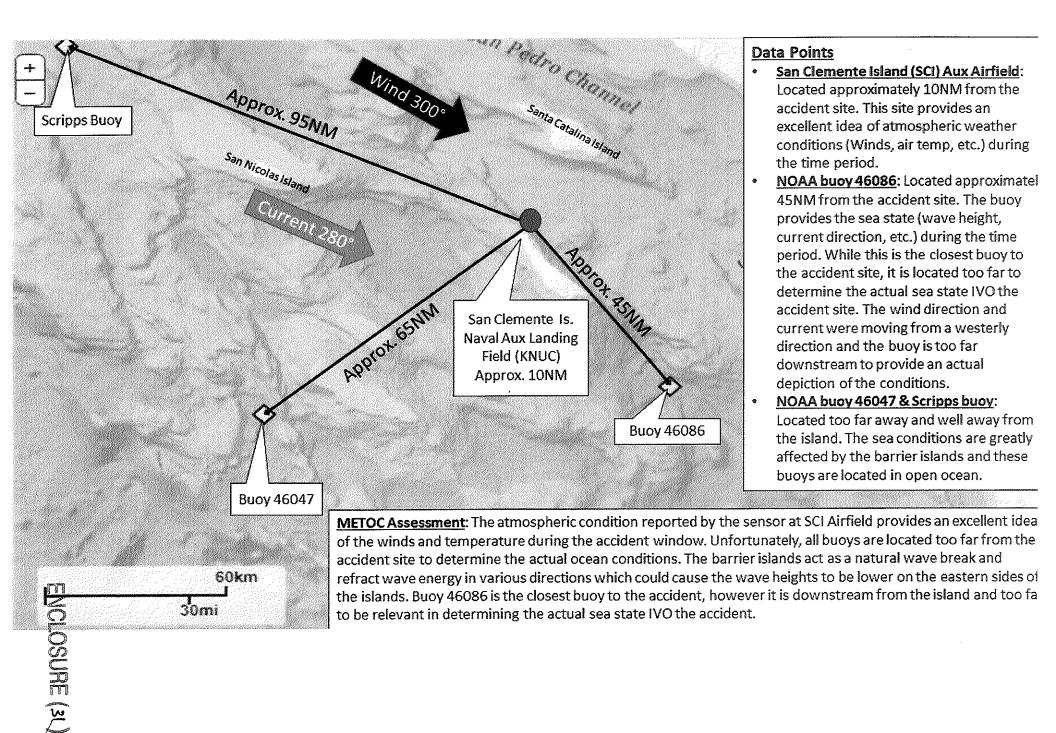
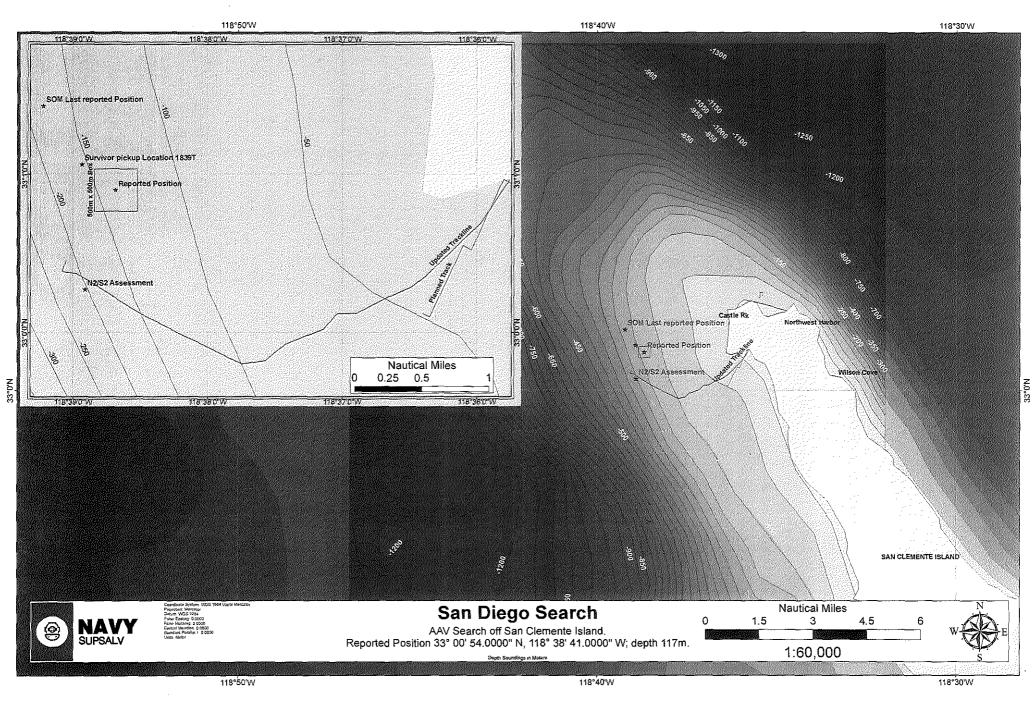
TIME 1856 PST

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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Air Control

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

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

Priesta (1986) - 1986 - 1996 -

(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) coppreciate 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)

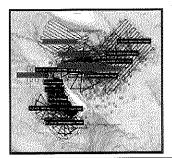
- 15th MEU AAV sunk during PMINT training exercise IVO San Clemente Island, 16 personnel embarked (7 recovered, 9 deceased) at ~1824L
- HSC-23.2 executed 40+ flight hours ISO MEDEVAC and search efforts over 2.5 days, embarked on USS Makin Island (LHD 8)
- Three critical patients MEDEVAC to Scripps Memorial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

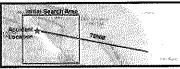
30JUL:

- Bullet 55 (BL55)
 - Re-rolled from PG mission to SAR, ONSTA 1845-2230L
 - MEDEVAC 1x Critical Patient from LPD 25 to Scripps Hospital
- BL47
 - Re-rolled from PMC mission to SAR, ONSTA 1915-2315L
 - MEDEVAC 2x Patients (1 deceased, 1 critical) from USS Somerset (LPD 25) to Scripps Hospital
- BL44
 - Unscheduled alert launch, ONSTA 2200-0400L
 - Identified empty vests, strobe lights, and gear. No personnel
 - 300-500' ceilings, 2-4 miles visibility

<u>31JUL-01AUG</u>

- 18 hours of search conducted, interspersed with SAR efforts provided by HSM-49.3, USCG helicopters, HSM-78 (HARP at SCI), and numerous surface vessels.
- Continuous joint airborne SAR
- Dedicated search patterns executed ICW recommendations from USCG LNO
- No personnel located







WILDCARDS NEVER FOLD

HSC-23.2 DEUCES WILD

UNCLASSIFIED

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JULIAN DATE: 20212

TYPE: MH-60S

SDO:

ADD(

DEPARTMENT OF THE NAVY

USS MAKIN ISLAND LHD 8

HSC-23.2 DETACHMENT FLIGHT SCHEDULE



Thursday, 30 July 2020

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

ILLUM: EENT:

79%

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

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	CNEW		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	53	10.6	4, 5, 6, 7, 8 C3 P(8) AUX(3700)
44	0501	2000 / TBD / TBD 2200 / 0100			PM A60 SAR	2P1	TBD	3.0	3 C3 AUX(3700)
		nurs in 30 days. * Indica priority.	ates aircrew on scheo	ule multiple times. BOLD	TOTAL DAILY / DET	FLOWN / F HOURS	12.8	24.6	54.7

ADDITIONAL EVENTS

		DEDCONNET	LOCATION
TIME	EVENT	PERSONNEL	LOCATION
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		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) (ide as PAX from MKI to KNFG (b)(3), (b)(6), (b)(7) (ide as PAX from MKI to KNFG (b)(3), (b)(6), (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)(7)(c) to ride as PAX from SDG to SNZY. VIP kit and helmets/ICS cranials required. Crew to arrive at NASNI PAX Terminal NLT 1400. (b)(3), (b)(6), (b)(7)(c) to ride as PAX from SDG to SNZY.

to ride as PAX from SDG to SOM

(b)(3), (b)(6), (b)(7)(c) to ride a (b)(8), (b)(6), (b)(7)(c) To ride a

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

HSC-23.2 DETACHMENT FLIGHT SCHEDULE



Friday, 31 July 2020

JULIAN DATE: 20213 TYPE: MH-60S

DDO:

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

SR/SS: MR/MS:

EENT:

0603 / 1947 1747 / 0301

ILLUM:

88% 2048

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			10 to		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	.)	TOTAL DAILY / FLO	DAYN / DET HOURS	10.5	10.0	79.1

ADDITIONAL EVENTS

ADDITIONAL ET 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.

- i. 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)



UNCLASSIFIED//FOUO HSC-23.2 Wildcards Search and Rescue Event Reconstruction 30JUL2020



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.



UNCLASSIFIED//FOUO HSC-23.2 Wildcards Search and Rescue Event Reconstruction 30JUL2020



------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.



UNCLASSIFIED//FOUO HSC-23.2 Wildcards Search and Rescue Event Reconstruction 30JUL2020



------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 Linc, 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 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



UNCLASSIFIED/FOUO HSC-23.2 Wildcards Search and Rescue Event Reconstruction 30JUL2020



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

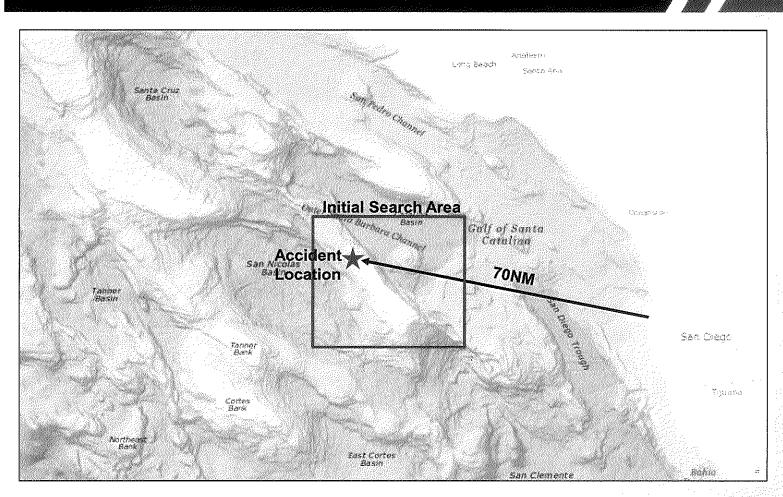


At approximately 1824 pm on Thursday, 30 July 2020 a USMC Amphibious Assault Vehicle operating 1.6 nautical miles West of San Clemente Island with 16 souls aboard took on water and sank in approximately 300 feet of water. Hearing the distress call, the USS MAKIN ISLAND, USS SOMERSET, USCGC FORREST REDNOUR,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

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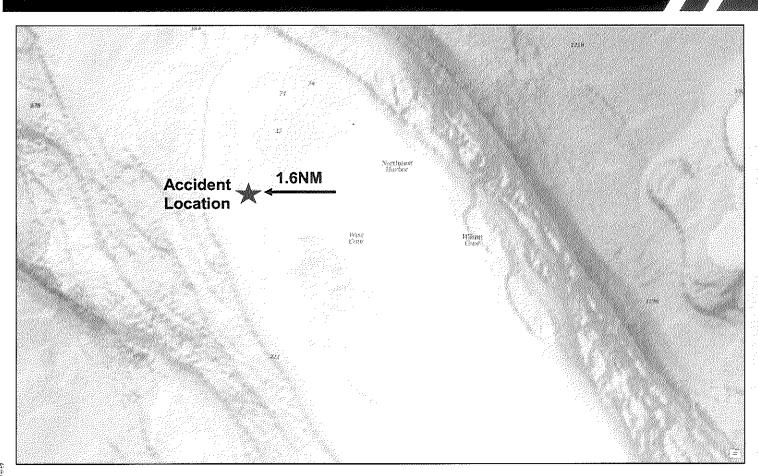




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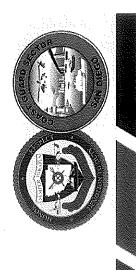


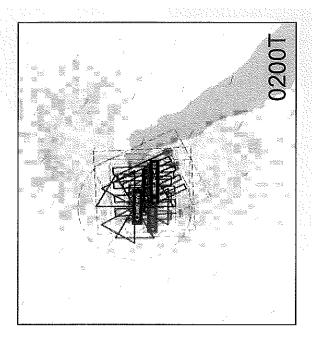


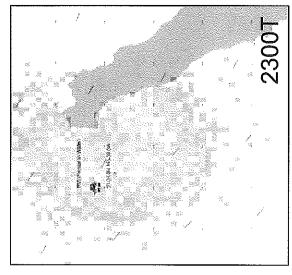
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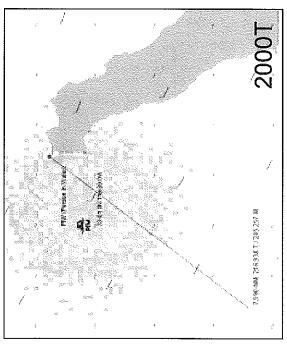
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30 July Particle Projections

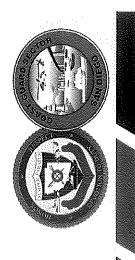


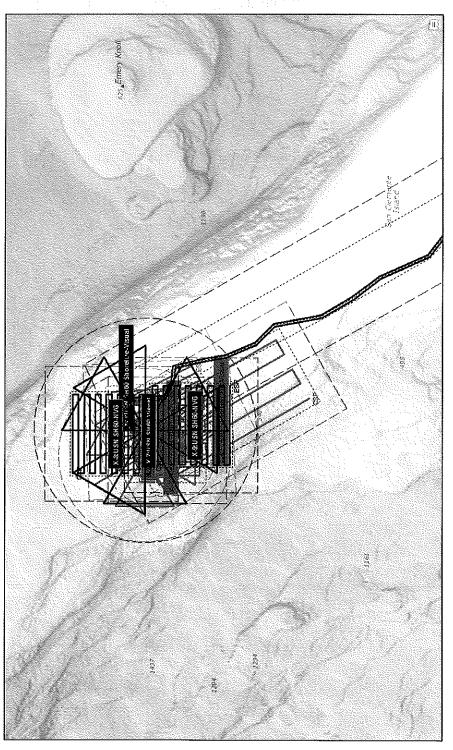




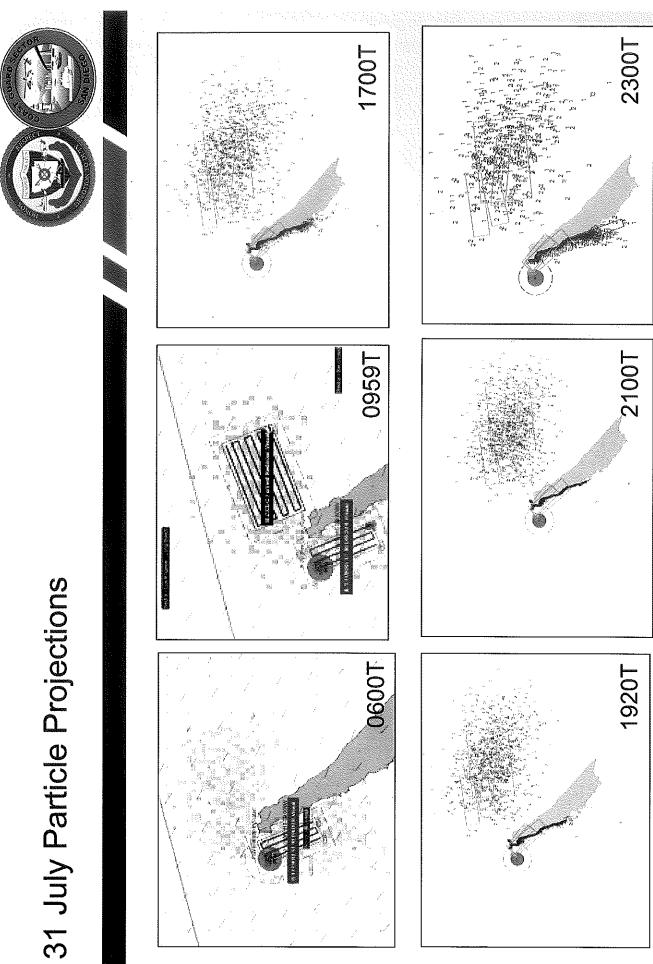


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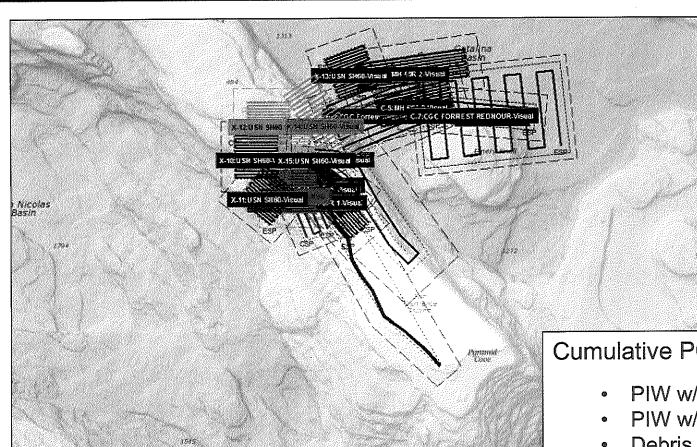
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31 July Search Efforts





POS is for CG built patterns only

Cumulative POS at 1530T 31 July

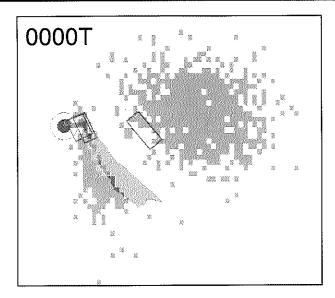
- PIW w/PFD 86% POS*
- PIW w/o PFD **54**% POS*
- Debris 85% POS
- 55 gallon drum 84% POS

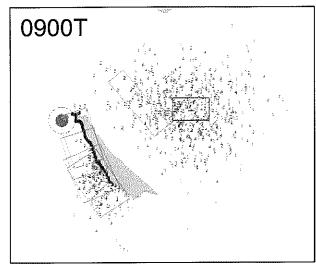
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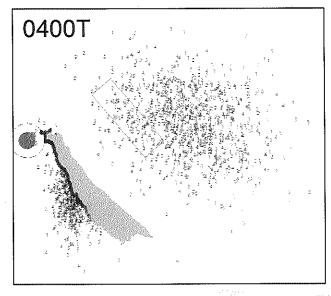
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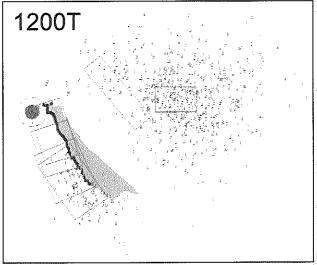
01 August Particle Projections







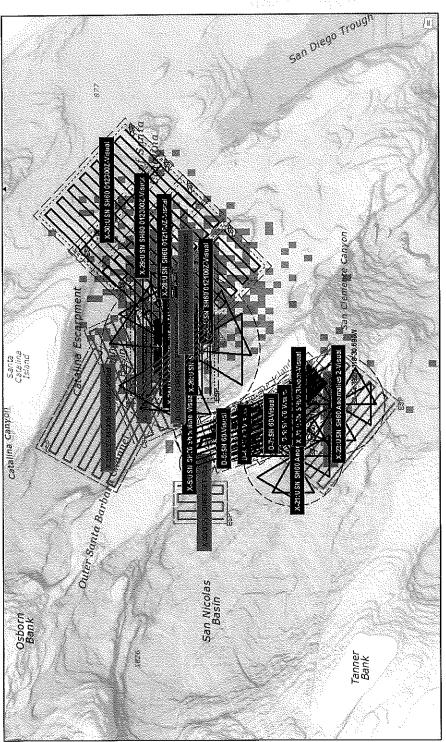




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Summary of Search Effort and Rescue Units





USS MAKIN ISLAND
Search Mission Coordinator (SMC)



USS SOMERSET
On Scene Coordinator (OSC)



USS SAN DIEGO



USS JOHN FINN



USCGC FORREST REDNOUR



USCG Sector San Diego MH-60



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

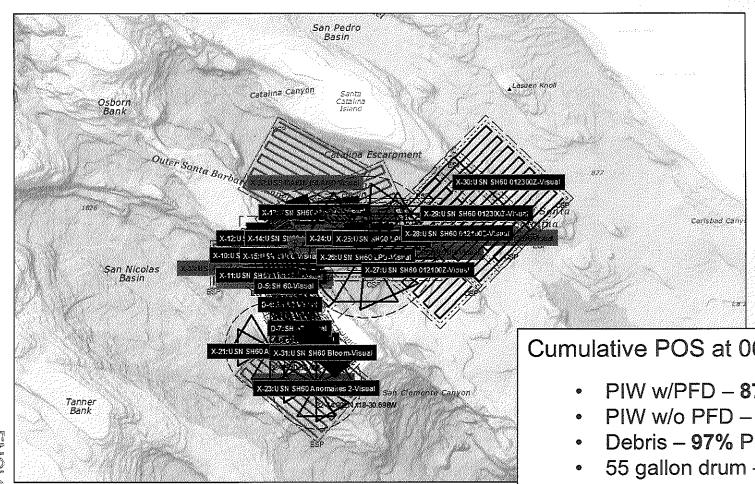
- 54 USN & USCG Helicopter Searches
- 135.1 Flight Hours
- Continuous Large Naval Vessel & USCG
 Cutter Presence
 - 5 large assets
 - 7 RHIBS*
 - 2 Seal Teams* (Completed Shore/Surf Searches on the west side of the Island)
 - CGLO SME deployed to assist response planning
 - CG RCC 24 hr. support w/ particle 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





POS is for CG built patterns only

Cumulative POS at 0600T 02 August

- PIW w/PFD 87% POS*
- PIW w/o PFD 52% POS*
- Debris 97% POS
- 55 gallon drum **95%** POS

* Optimized

t

Assault Amphibian Unit Leader Course (AAUL) CID M1018C3:

Graduated 20180921 Graduated 20111216 Graduated 20180921 Has not Attended AAUL Not enlisted (Graduated AAO 20190606)

Assault Amphibian Vehicle Commanders Course (AAVC) CID M1019Q3:

Has not Attended AAVC

Graduated 20200630

(b)(3), (b)(6), (b)(7)(c) Has not Attended AAVC Has not Attended AAVC Graduated 20161116 Graduated 20200630

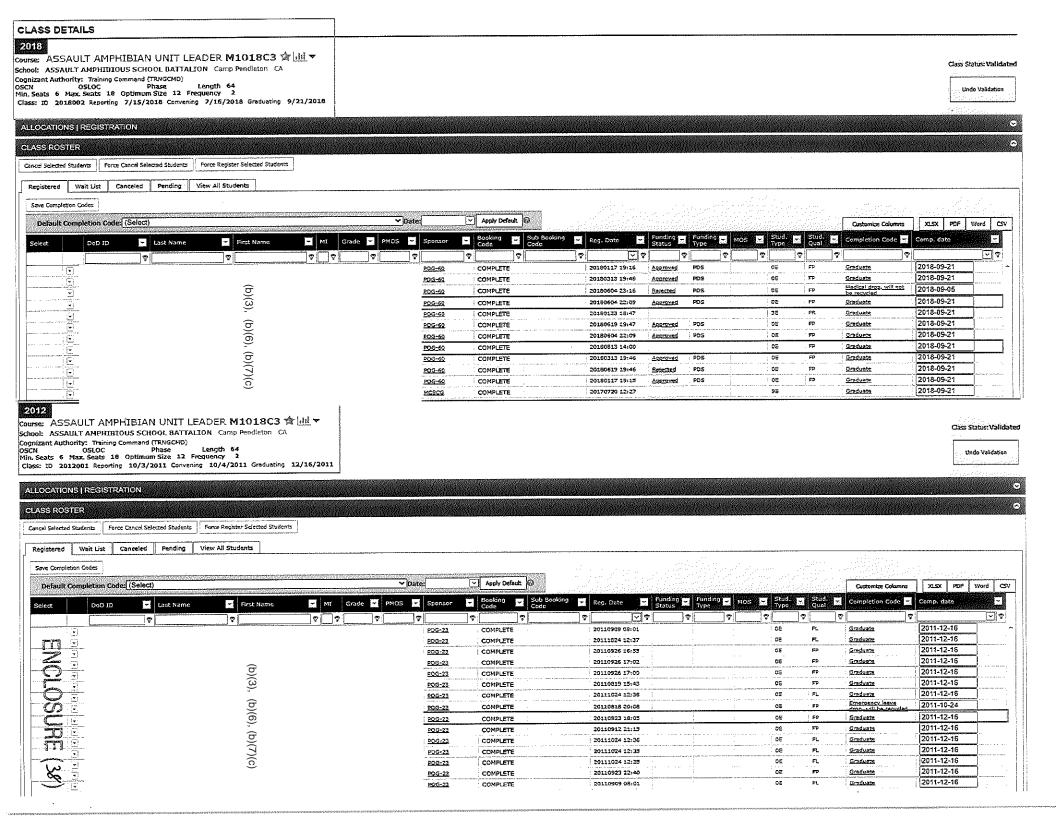
Has not Attended AAVC

Has not Attended AAVC

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

Graduated 20180719 (b)(3), (b)(6), (b)(7)(c) Graduated 20180719 Graduated 20090807 Graduated 20170603

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2018 Course: ASSAULT AMPHIBIOUS VEHICLE REPAIRER BASIC M1018Y3 🏟 🔟 🔻 Class Status: Validated School: ASSAULT AMPHIBIOUS SCHOOL BATTALION Camp Pendieton CA Cognizant Authority: Training Command (TRNGCMD) OSLOC Phase Length 110 Undo Validation Min. Seats 15 Max. Seats 35 Optimum Size 18 Frequency Class: IO 2018003 Reporting 3/25/2018 Convening 3/26/2018 Graduating 7/19/2018 ALLOCATIONS I REGISTRATION $\langle \cdot \rangle$ CLASS ROSTER Force Register Selected Students Captel Selected Students Force Concel Selected Students Registered Wait List Canceled Pending View All Students Save Completion Codes ✓ Date: Apply Default Default Completion Code: (Select) XLSX POF Word CSV Grade Y PMOS Y Sponsor Reg. Date DoD ID ▼ Last Name ▼ First Name · MI Completion Code Comp. date -Select ♥ 🗍 💎 **▽** 🌣 Ŷ 9 (b)(3),MPP-20 COMPLETE 20180323 15:28 2141 CEF. Graduate 2018-07-19 20180319 21:53 25 2018-07-19 RAP COMPLETE Graduate 2141 2018-07-19 20171212 14:31 3EP RAP COMPLETE <u> 7141</u> Smdva**%** (b)(6), (b)(7)(c) Academic drep, will be (*) COMPLETE 20180327 22:17 2018-06-18 DE-E MPP-20 7141 COMPLETE 20171220 00:08 CEE 2018-07-19 MPP-20 2141 Graduate COMPLETE 20171220 00:08 OEE 2018-07-19 MPP-20 2141 Graduate • 20171720 00:08 ŏ≅E 2018-07-19 P92-20 COMPLETE 2141 Graduate MPP-20 COMPLETE 20180130 18:50 2141 Graduate 2018-07-19 2017 "ASSAULT AMPHIBIOUS VEHICLE REPAIRER BASIC M1018Y3 常通マ chook: ASSAULT AMPHIBIOUS SCHOOL BATTALION Carry Peodleton CA Class Status Validated Cognizant Authority: Training Command (TRNGCND) OSCN OSLOC Phase Larget 110 PMn. Seats 15 Max. Seats 35 Optimum Size 18 Prequency 6 Lindo Valdario Class: ID 2017004 Reporting 4/9/2017 Convening 4/10/2017 Graduating 8/3/2017 ALLOCATIONS | REGISTRATION CLASS ROSTER Cancel Selected Students | Force Cancel Selected Students | Force Register Selected Students Registered Wait List Canceled Pending View All Students Save Completion Codes Default Completion Code: (Select) **∨** Date V Apply Default (2) mice Columns XQSX PDF Word CSV ME ME Last Name Fiest Name 8 Sooking Code 💆 Sub Booking Code 🚾 Reg. Date MOS Completion Code DeD ID PMOS]†[⊡≎ Associat Training through well not be recovered SAP COMPLETE 20161120 14:10 2121 20 2017-08-03 M99-70 COMPLETE 20170119 00:04 CCT Gentrate 2017-08-03 MPP-70 COMPLETE 20161222 50:05 2541 General MPP-20 COMPLETE 70170307 00:00 75/01 OFF Grachina 2017-08-03 2017-08-03 M2P-70 COMPLETE 20170110 00:02 2151 Grankasts 2017-08-03 1422-70 COMPLETE 20170110 00:03 2201 CES Gright upon (b)(3), (b)(6), (b)(7)(c) 9.40 COMPLETE 20161208 14:34 7141 2017-08-03 MEG-SU COMPLETE 20170110 00:03 71/1 CEZ 2017-08-03 Greatstefe RAP COMPLETE 20161120 18:36 27:1 Gentrale 2017-08-03 2017-08-03 COMPLETE 20170110 00:03 7241 MP9-70 General and 2017-08-03 20.00 COMPLETE 20170410 15:43 23/13 : 20 Gentado N95-20 20170125 00:02 2141 anc 2017-08-03 Granute 2017-08-03 BAR COMPLETE 20161208 14:31 2111 Sections COMPLETE 20170103 16:10 2017-08-03 RAP COMPLETE 2345 2017-08-03 Confrate 2017-88-03 MPF-20 COMBLETE 20170110 00:00 2741 cee Graduate MPP-20 COMPLETE 20170110 00:03 2341 Gentrate 2017-08-03 2017-08-03 20170120 22:42 2101 EAR COMPLETE Grach tere NF9-70 COMPLETE 20120110 00:03 2141 CDS Gendente 2017-03-83 2017-08-03 MP4-70 COMPLETE 20170119 00:01 2101 Gentrale 2017-08-03 MP2-20 2017-08-03 MP2+20 20170110 00:01 2131

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Course: ASSAULT AMPHIBIAN VEHICLE COMMANDER M1018Q3 * 111 V

School: ASSAULT AMPHIBIOUS SCHOOL BATTALION Camp Pendleton CA

Cognizant Authority: Training Command (TRNGCMD)
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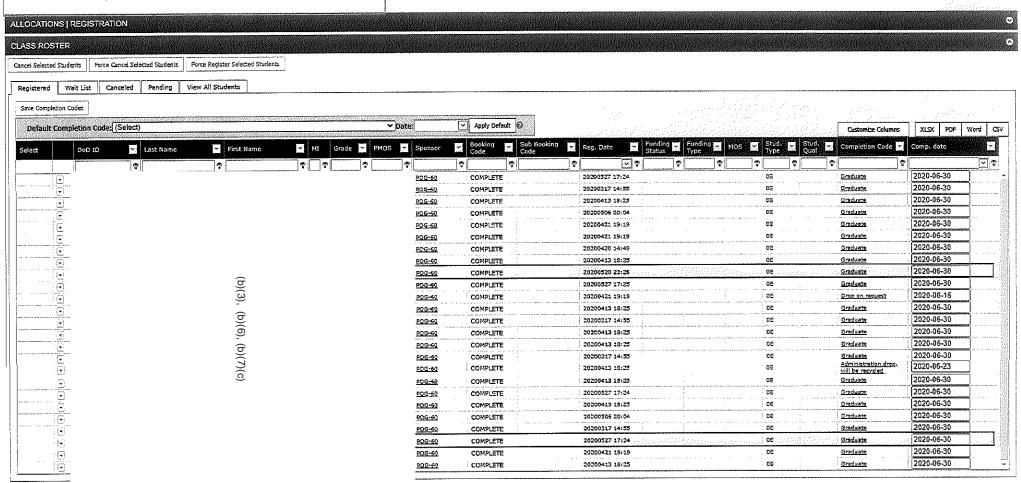
Length 33

Min. Seats 9 Max Seats 24 Optimum Size 24 Frequency 5

Class: ID 2020004 Reporting 5/26/2020 Convening 5/27/2020 Graduating 6/30/2020

Class Status: Validated

Undo Validation



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Cognizant Authority: Training Command (TRNGCMD)

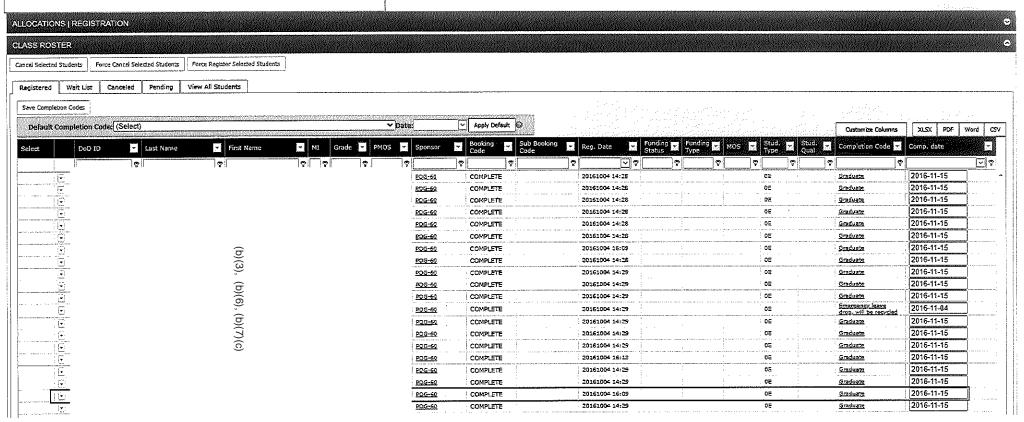
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OSLOC Min. Seats 9 Max. Seats 18 Optimum Size 18 Frequency 6

Class: ID 2017001 Reporting 10/10/2016 Convening 10/11/2016 Graduating 11/15/2016

Class Status: Validated

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2019

Course: ASSAULT AMPHIBIAN OFFICER M1018J3

School: ASSAULT AMPHIBIOUS SCHOOL BATTALION Camp Pendleton CA

Cognizant Authority: Training Command (TRNGCMD)

OSLOC Phase Min. Seats 6 Max. Seats 12 Optimum Size 12 Frequency 2

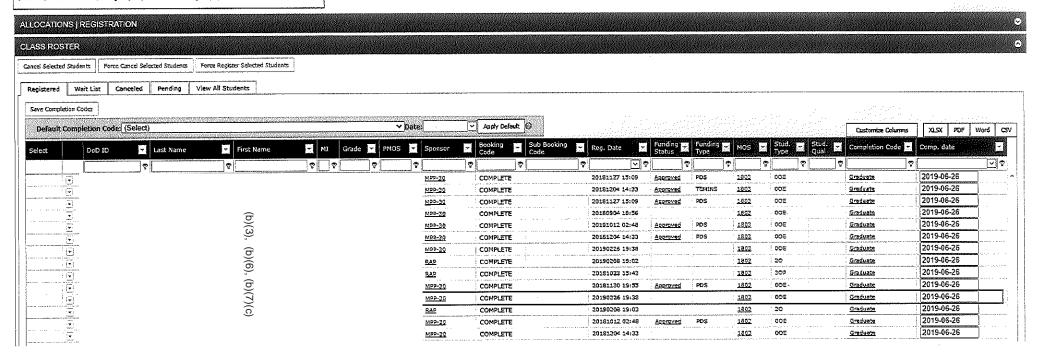
Class: ID 2019001 Reporting 3/31/2019 Convening 4/1/2019 Graduating 6/26/2019

Officers do not attend AÁUL, they attend AAO

Class Status: Validated

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alt Amphibian Unit Leaders Course

PMOS:1833 Assault Amphibious Vehicle (AAV) Crewmember

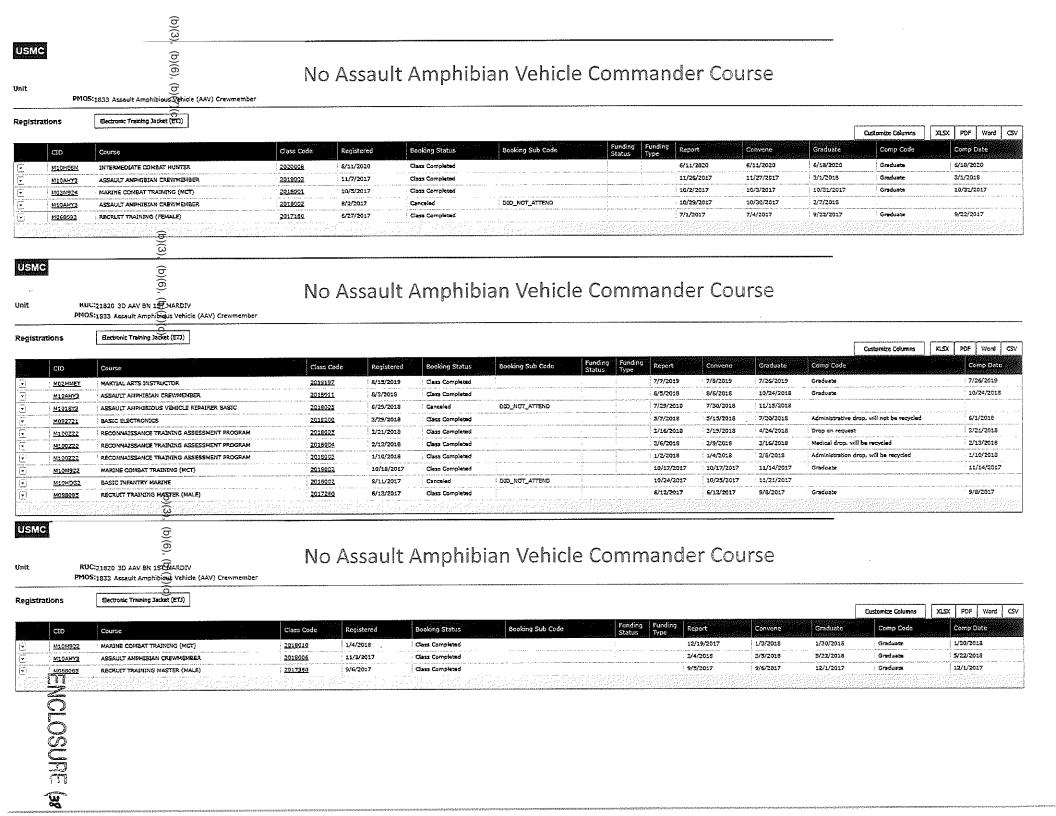
Registrations

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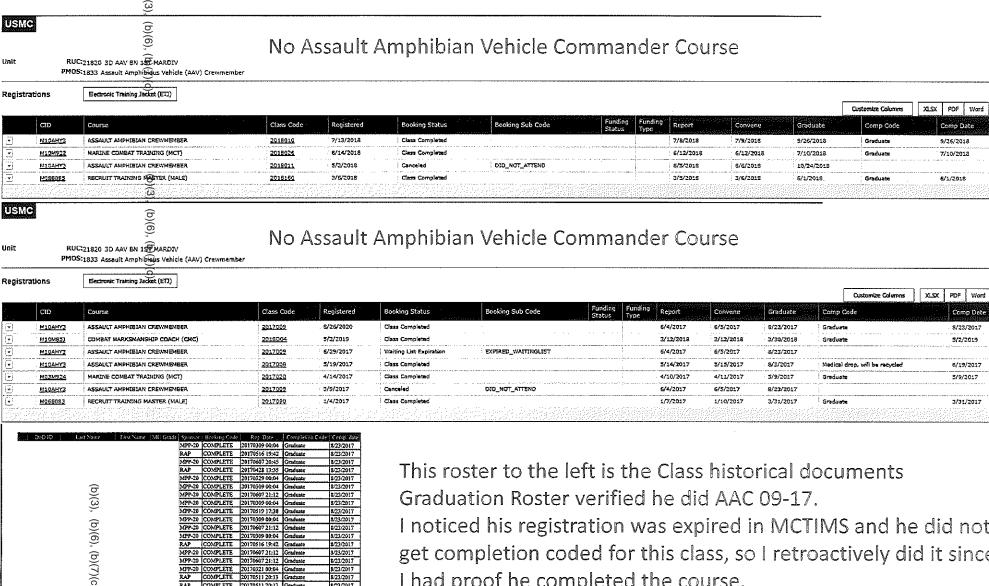
	CID	Course	Class Code	Registered	Booking Status	Booking Sub Code	Funding Funding Repo	ort Convene	Graduate	Comp Code	Comp Date
	M22LESZ	COMMON LOGISTICS COMMAND AND CONTROL SYSTEM (CLC25) OPERATOR	2019021	9/17/2019	Class Completed	:	9/12	/2019 9/12/2019	9/12/2019	Graduate	9/12/2019
	MEGKAJN	: MX134 LMC MOBILE TRAINING TEAM	2015004	7/13/2018	Class Completed		7/15	/2018 7/16/2018	7/27/2018	Graduate	7/27/2018
	-M0881C1	BASIC RECRUITER	2015003	2/27/2015	Class Completed		3/1/3	2015 3/2/2015	4/22/2015	Graduata	4/22/2015
[-]	-60881C1	EASIC RECRUITER	2015003	1/26/2015	Registration Cancellation	REGIST_CANCELED	31/1	2015 3/2/2015	4/22/2015	:	
	Regrams	SERGEANTS SCHOOL	2011511	5/16/2011	Class Completed		6/22	/2011 6/23/2011	8/10/2011	Graduata	6/10/2011
C	M10M922	MARINE COMBAT TRAINING (MCT)	2007150	1/29/2007	Class Completed		2/6/3	2007 2/7/2007	2/27/2007	Graduate	2/27/2907
	MACOAHY3	ASSAULT AMPHIBIAN CREWIMEMBER	2007009	1/15/2007	Class Completed		4/3/	2007 4/4/2007	6/9/2007	Graduate	6/8/2007
	1088083	RECRUIT TRAINING MASTER (MALE)	2007020	11/6/2006	Class Completed	11	10/2	3/2006 10/24/2006	1/19/2007	Graduate	1/23/2007
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COMPLETE 20170516 19:42 1/23/2017 MPP-20 COMPLETE 20170607 21:12 Graduate 8/23/2017 \$/23/2017 MPF-20 | COMPLETE | 20170321 00:04 | Graduate 8/23/2017 COMPLETE 20170511 20:13 Graduate \$/23/2017 COMPLETE | 20170511 20:13 | Graduate 8/23/2017 MPP-20 | COMPLETE | 20170607 21:12 | Graduate 8/23/2017 MPP-20 | COMPLETE | 20170607 21:12 | Graduate 8/23/2017 MPP-20 COMPLETE 20170607 20:43 Graduato

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

PDF Word

Comp Date

8/23/2017

5/2/2019

6/19/2017

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2/31/2017

ENCLOSURE (38)

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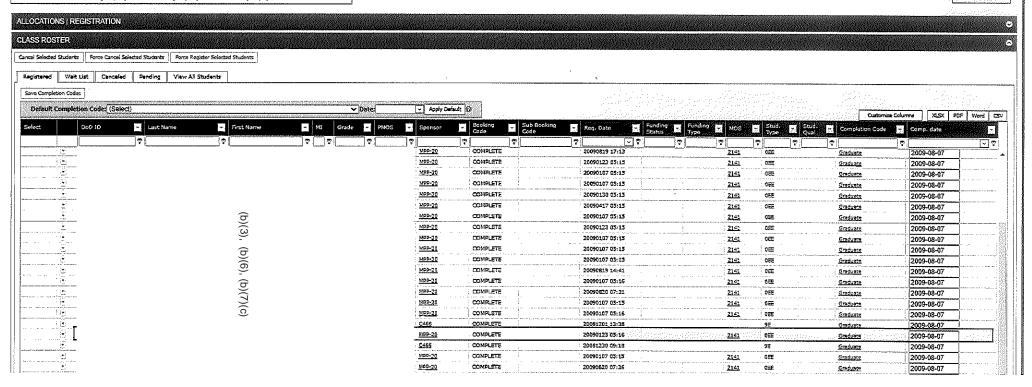
COURSE ASSAULT AMPHIBIOUS VEHICLE REPAIRER BASIC M1018Y3 台山

School: ASSAULT AMPHIBIOUS SCHOOL BATTALLON Camp Pendleton CA

Cognizant Authority: Training Command (TRNGCND)

OSCN Sents Max: Sents Optimum Size Frequency 6 Class: ID 2009409 Reporting 4/26/2009 Convening 4/27/2009 Gradueting 8/7/2009

Class Status: Validated



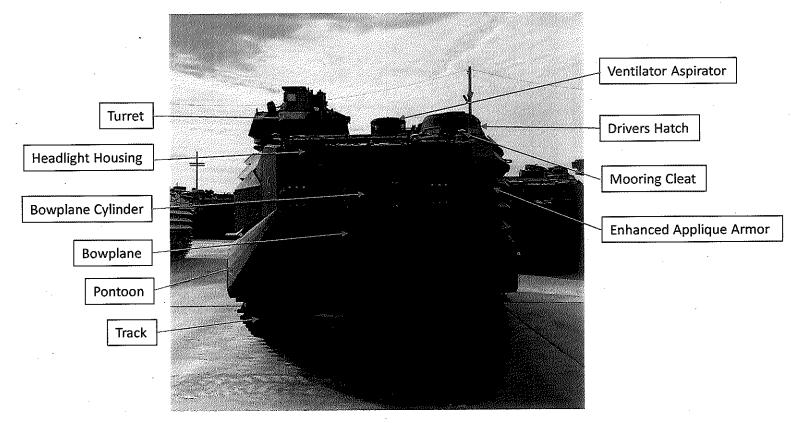
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FRONT EXTERIOR

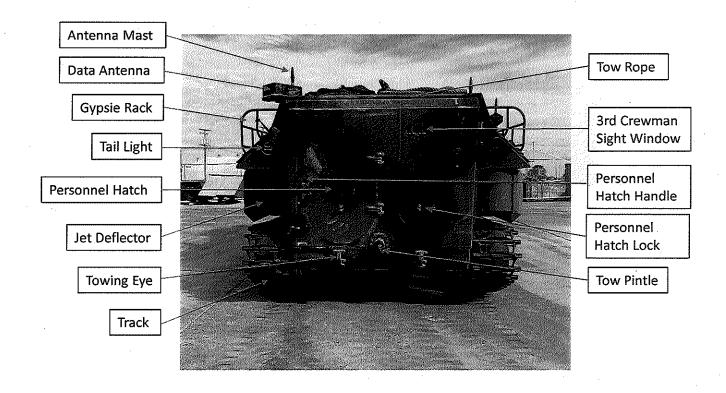






REAR EXTERIOR







PORT EXTERIOR



Mooring Cleat

Troop Commanders Hatch

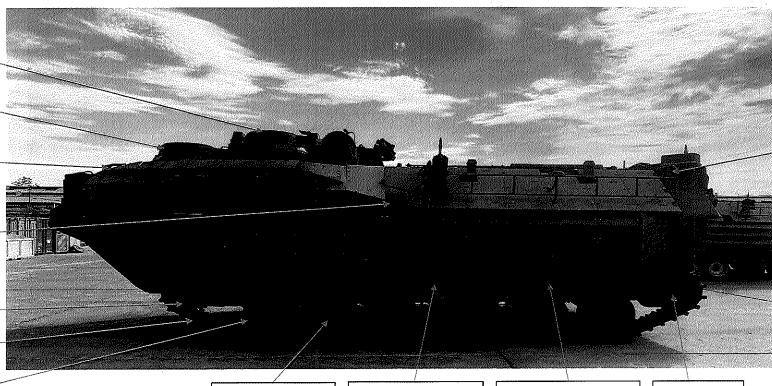
Drivers Hatch

Mooring Cleat

External Fire Extinguisher Handle

Sprocket Carrier

Track



Road Wheel Hub

Dual Support Roller

Single Support Roller

Idler Wheel

Road Wheel



STARBOARD EXTERIOR



Smoke Grenade Discharger

Mooring Cleat

Turret Mooring Pontoon

Plug

Pontoon

Cleat

Track Shroud

Track Tension Adjuster

Shock





EXTERIOR TOP VIEW HATCHES CLOSED



Drivers Hatch

Troop Commanders Hatch

Exhaust

Cargo Hatch Torsion Bar Spring

Port Side Cargo Hatch Forward Handle

Port Side Cargo Hatch

Enhanced Applique Armor Panel



Sight Block

Turret Hatch

Turret

Smoke Grenade Launcher

Range Flag Holder

Starboard Side Cargo Hatch Forward Handle

Starboard Side Cargo Hatch



EXTERIOR TOP VIEW HATCHES CLOSED CONT.



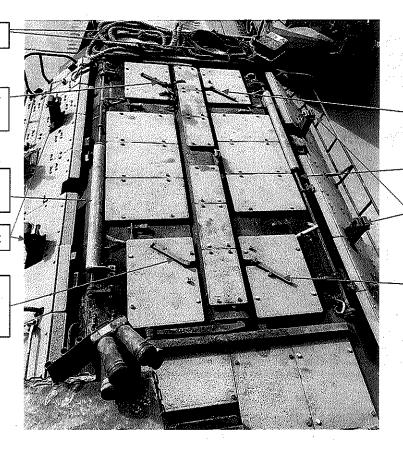
Water Towing Ropes

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



Vehicle Commanders Hatch

M2 .50 Caliber Machine Gun Mount

MK-19 Automatic Grenade Launcher Mount



Engine Compartment Ventilation Air Outlet

Exhaust

Exhaust Plenum

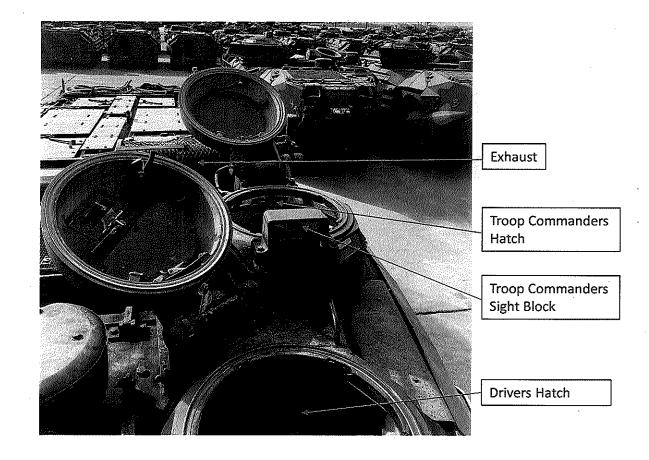
Exhaust Plenum Indicator

Ventilator Aspirator



DRIVER AND TROOP COMMANDER HATCHES OPEN









STARBOARD CARGO HATCH OPEN



Starboard Side Aft Cargo Hatch Handle

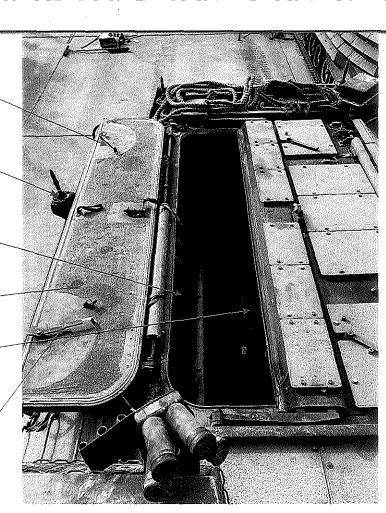
Antenna Mount

Starboard Side Bench Seat

Starboard Side Cargo Hatch (Open)

Center Bench Seat

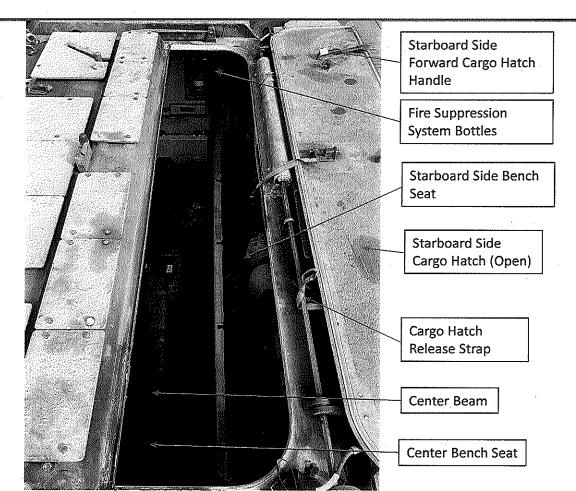
Starboard Side Forward Cargo Hatch Handle





STARBOARD CARGO HATCH OPEN CONT.









PORT / STARBOARD CARGO HATCHES OPEN







PORT / STARBOARD CARGO HATCHES OPEN CONT.



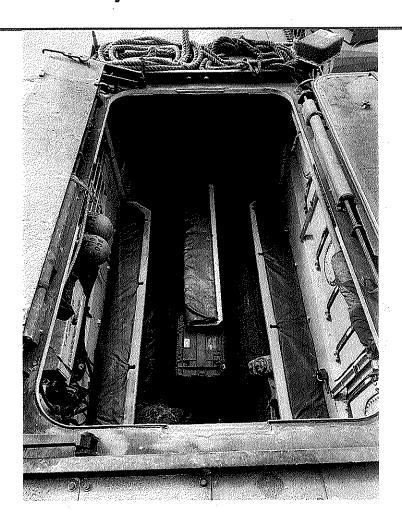






PORT / STARBOARD / CENTER CARGO HATCHES OPEN







RAMP DOWN INTERIOR VIEW

Tail Light

Bilge Pump Tube (Electric)

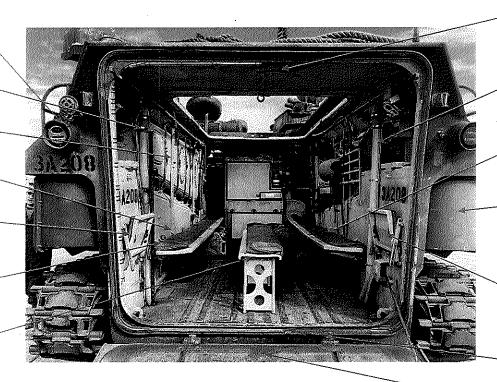
Fuel Tank

Starboard Side Bench Seat

Third Crewman Seat

Port Side Bench Seat

Center Bench Seat



Sea Tow Quick Release Handle

Bilge Pump Tube (Hydraulic)

Starboard Side Bench Seat

Jet Deflector

Jump Seat

Ramp Seal

Ramp

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 SALLONS AND FOR THE REMAINING AGGREGATE SHALL NOT EXCEED 18 GALLONS.

4.5.2.6 SIONAGE CHECK. TO DETERMINE CONFORMANCE TO 3.4.11.
ALL MANUFACTURER AND DEPOT INSTALLED COLLATERAL EQUIPMENT
SHALL BE STONED (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 WOULD SERVE NO FUNCTION OR PURPOSE IN
THE STONAGE 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.

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- 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 SO 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

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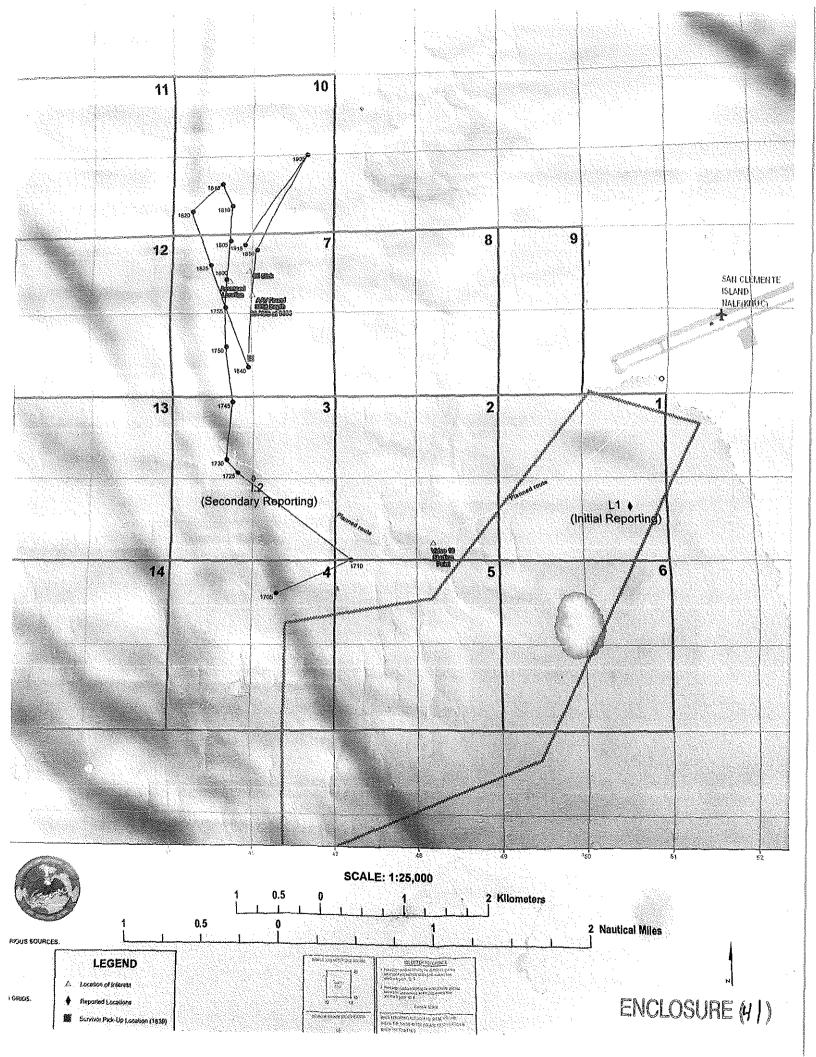
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APPLIC	ATION		REVISIONS									
NEXT ASSY	USED ON	LTR	DESCRIPTION	DATE APPROVED								
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			ECP E02090 SEE NOR 51900	1								
			ECP E02083 SEE NOR 51422 ECP E02134 SEE NOR 52172									
		D	ECP E02126 SEE NOR 52078	1								
			ECP M31166 SER NOR 70462 ECP M31258 SER NOR 71232									
			ECP M31236 SEE NOR 71131	8-20 								
	gs.	E	ECP E02124 SEE NOR 52681	4-2E (b)(3), (b)(6), (b)(7)(c)								
1 T		F	ECP 5050RICI SEE NOR 80310	89-								
•			and the same of th	OFOE								
NOTES:	•	G	ECP 5139 SEE NOR 81640	17-74-4c 12-67 4)								

- 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-POCK ISLAND ARSENAL, ROCK ISLAND, IL 61201
 19207-U.S. ARMY TANK AUTOHOTIVE COMMAND, WARREN, HI 48090

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A BHOIRMAN:) LARBJOT BARBORA COMMENTS	CIMENSIONS AND IN INCHES CONTRACT NUMBER CONTRACT NUMBER NOOD 24-77-C-2028 TOLERANCES ON FMC CONTRACT NUMBER NOOD 24-77-C-2028 NAVAL SEA SYSTEMS COMMAND																				
	XX ±, . XX ±, .	(b) (<u>_</u>	a Jos), (b)		18 04 1 U :	6), (b	9	c)	₽E	RSO	NNE	L CA	RRI	14181 ER (AAV		}		
INSPECTION ENGA (b)	(3), (b)(6), (b)(6),	(b)(7	')(c)	4	. 1		06		244	2	6	0(<u>)</u> [7C)	
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AAV WATER SPEED ESTIMATES

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

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

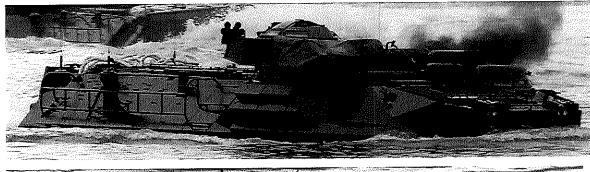
^{*} Sea States 3 and 4 can include randomly occurring waves of 10 and 16 feet high (respectively), which will increase the time.





Waterlines at Various Weight Conditions

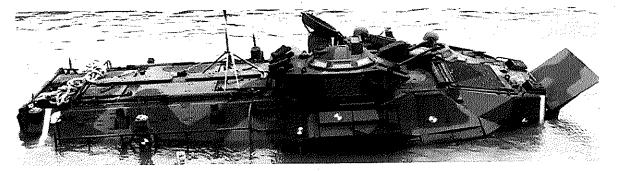




Crew Loaded Weight This is the equivalent of Combat Equipped Weight 52,120 Lbs



Troop Loaded Weight 58,105 Lbs



Troop Loaded Flooded to
EELS Weight

*This is equivalent to boot ankle height

63,500 Lbs

(U) Unclassified



Freeboard and Reserve Buoyancy



Condition	Weight (lbs)	Freeboard: Port Forward (in.)	Freeboard: Starboard Forward (in.)	Freeboard: Port Aft (in.)	Freeboard: Starboard Aft (in.)
Combat Equipped	52,120	16.6	16.0	29.0	28.3
Troop Loaded (TL)	58,105	16.8	16.6	19.6	19.3
TL-Flooded to Deckplate [*]	60,305	17.3	17.3	15.4	15.4
TL- Flooded to EELS	63,500	15.6	15.4	11.9	11.6

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 USMC # 523 51 9 Vehicle Tac #

#	DESCRIPTION	SERVICEABLE	UNSERVICEABLE	DEGRADED	REMARKS
<u>'</u>	RAMP AND RAMP SEAL: Inspect ramp and ramp seal surfaces and seals for	3*			
l	damage per TM 09674A-25&P/4C Chapter 8 PAR. 8-27 pg. 8-110 through pg. 8-117 with table 8-15 and FOV LTI.	1			
	PERSONNEL HATCH AND PERSONNEL HATCH SEAL: Inspect personnel				
2	antch and personnel hatch seal per TM 09674A-25&P/4C Chapter 8 PAR, 8-31 pg. 8-				
	136 through pg. 8-140 with table 8-21 and FOV LTI. HULL PLUGS, CONTACT COOLER PLUGS AND PONTOON PLUGS:				
3	Inspect plugs per TM 09674A-10/3C Chapter 2 PAR. 2-9 pg. 2-74 with appendix I				
	pg. 5 and FOV LTI.	\ \			
	WATER PROPULSION SYSTEM (INTERNAL): Inspect water propulsion system)			
4	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.	<u> </u>	<u> </u>		
5	WATER PROPULSION SYSTEM (EXTERNAL): Inspect water propulsion system per TM 09674A-25&P/4C Chapter 9 PAR. 9-20 and 9-21 pg. 9-90 through 9-				
,	108 with tables 9-24/25 and FOV LTI.				
	MID-SIIIP SEALS AND BEARINGS: Inspect mid-ship seals and bearings per TM	/			
6	09674A-25&P/4C Chapter 9 PAR, 9-18 pg. 9-69 through pg. 9-71 with tables 9-20	, /			
	and FOV LTI. BILGE PUMPS: Inspect bilge pumps per TM 09674A-10/3C Chapter 2 PAR. 2-19				
7	pgs. 2-74&75 with appendix I pg. 5 and FOV LTI.				ę.
7.	Forward-Port, Hydraulic Blige Pump.	1/			
}					
7B	Forward-Starboard: Electric Blige Pump.	V			
7C	Aff-Part: Electric Bilge Pump.	V			
7D	Ass-Storboard: Hydraulic Bilge Pump.			V	
8	FINAL DRIVE MATING SURFACE: Visually inspect the final drive to hell				
ļ	mating surfaces for any cracks or separation. DRIVER, TROOP COMMANDER, TURRET AND CARGO HATCHES AND				= 116551
	SEALS: Inspect drivers, troop commander, turret and cargo hatches and seals per TM	,			Small Garso hatch
9	09674A-25&P/4C Chapter 8 PAR. 8-21, 8-23 and TM 1004A-25&P/2D PAR. 6-19				Leek
	with FOV LTL	<u> </u>		~~~~	•
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Ligh	con Commander: (b) (c) (c)		(b)(3), (b)(6), (b)(7)(c)		
Mari	ntenance Officer:		~		,
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Соп	pany 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.
- 4. 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.
- 7. 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 1	ASSAULT AMPHIBIOUS VEHICLE (AAV7A1) LIMITED TECHNICAL INSPECTION											
MODEL (CIRCLE ONE)	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 1531,2											
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.
Outside of Vehicle (Forward and Port)								
Hull Forward End. Check for damage and bare metal.	X							
2. Towing Eyes. (Para. 8-33)								
a. Port.	X							
b. Starboard.	X							
3. Headlights. (Para. 11-32)								
a. Port.					X			Three Wiring Lov nose pl
b. Starboard.	X							INCIAN ISOM
c. Headlight Guards.	X							
4. Bow Plane. (Para. 10-14)								
a. Hinges and Mounting Hardware. (Para. 10-17)	X						i	

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)	Х							missing paint in avecus
c. Hydraulic Tubes and Fittings. (Para. 10-16)	<i>Y</i>							
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	X						missing 12 bults Common to stand
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							
8. Port Sprocket Carrier. Check for loose mounting hardware and damage. (Para. 7-16)								
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,			1	

Table E-1. AAV7A1 Limited Technical Inspection — Continued

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be included if unserviceable.
11. Port Road Wheels and Hubs. (Para. 7-12) Circle those numbers that are unserviceable.								
a. Road Wheel Cracks/Damage. 1 2 3(4)5 6	Χ							# 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	X							
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.		X						
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.	X						, i	
b. Hub Oil Leaks.	X							
c. Hub Oil Level.			Χ		χ			contaminated
d. Mounting Hardware.	X			Γ				

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.	χ.							
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.	χ							
19. Port Idler Wheel and Hub. (Para. 7-9)								
a. Idler.	χ							
b. Outer Wheel.	X							
c. Inner Wheel.	X							
d. Mounting Hardware.	χ							
e. Oil Level.			Х		¥			oil contaminated
20. Port Track Tension Adjuster. (Para. 7-8)								
a. Track Adjuster Support.	X							
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
 Stowage Brackets. Check for weld cracks. 	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. 12-18)	X				:			
34. Port Deflector. (Para. 9-21) Check for warping and cracks. Check mounting hardware for tightness and damage.	Х							
35. Port Reverse Flow Duct. Check for damage and tight mounting hardware. (Para. 9-20)	K							
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.		-			χ			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)	Х							
b. Starboard Taillight. (Para. 11-59)	6 7	THE			χ	X		hens Broke
c. Taillight Guards.	Х							
 Horn. (Para. 11-54) Check for loose mounting hardware, corrosion, and proper electrical connections. 	Х							
 Tow Cable Stowage Brackets. (Para. 8-27) Check for cracked or bent brackets. 	Χ							
 Towing Pintle. (Para. 8-41) Check for loose mounting hardware. Check pintle for free rotation and proper quick-release operation. 	χ							
5. Ramp Plugs. (Para. 8-27) Check for tightness.	χ							
 Ramp Hinges and Towing Eyes. (Para. 8-27) Check mounting hardware for tightness. 	Χ							
7. Vision Block and Guard. (Para. 8-30)								
a. Vision Block Guard.	X							
b. Vision Block.	X							· · · · · · · · · · · · · · · · · · ·
8. Personnel Hatch. (Para. 8-31)								
 a. Personnel Hatch Handle (inner and outer). 					Х	Х		hundle thru hote hoose hundle needs asj.
b. Personnel Hatch Seal.	Х							
c. Hook and Damper.	X ₀				<u> </u>			
d. Mounting Hardware.	X							
 Starboard Deflector. Check for warping and cracks. Check mounting hardware for tightness and damage. (Para. 9-20) 								
10. Trailer Receptacle.								
a. Cover.	X					L		
b. Retainer Chain.	X							
11. Starboard Reverse Flow Duct. Check for damage and tight mounting hardware. (Para. 9-20)			X					upper holt Loose.

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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.
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							
13. Drive Shaft. Check for signs of damage.	Х							
14. Footman Loop. Check for weld cracks.	Х			·				
15. Starboard Idler Wheel and Hub. (Para. 7-9)							·	
a. Idler.	K							
b. Outer Wheel.	Х							
c. Inner Wheel.	K							
d. Mounting Hardware.	χ				·			
e. Oil Level.	χ,							
16. Starboard Track Tension Adjuster. (Para. 7-8)								
a. Track Adjuster Support.	X							
b. Track Adjuster.	λ							
c. Bleeder Valve.	X							
d. Grease Fitting.	X							
17. Starboard Anode. Check for tightness of mounting screw. Make sure there is no paint on anode. (Para. 8-54)	X				A CALLES AND A			
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		<u> </u>					
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.								·
1 2 3 4 5 6	χ							
 Starboard Torsion Bars. Check for broken bar and loose retaining screws. Circle those numbers that are unserviceable. 						•		
123456	X							
22. Starboard Shock Absorbers. (Para. 7-11)								
a. No. 1 Shock.	X							
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.	χ							
d. Mounting Hardware.	X							
25. Starboard Rear Single Support Roller. (Para. 7-14)					-			
a, Support Wheel Cracks/Damage.	义							
b. Hub Oil Leaks,	x_							
c. Hub Oil Level.	义							
d. Mounting Hardware.	ľΧ							

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)	K							
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.						Y		
c. Track Pins.						χ		
d. Track Wear.						Ϋ́		
e. Track Adjustment.				X				
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 heating 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 miching 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)								-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.	χ							•
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)	X							
Starboard Side Hull. Check for damaged and bare metal.	γ							b /+ Bent
a. Armor Piercing Protection Plates Kit (APK), (Para. 17-26 <u>a</u>)					χ			near plate missing bolt + Bent. missing numerous mouting bolts
b. Steps. (Para. <u>17-29</u>)	X							<u> </u>
c. Slope Rack Kit (SRK). (Para. 8-49)	χ							
d. Stowage Provisions. (Para. 17-37)	χ					-		
e. Fairings. (Para. 17-28)					χ			Fruit + Recer missing bolts
f. Standoff Brackets. (Para. <u>17-27</u>)	χ							
g. Hull Bosses. (Para. 17-36)	Х							
III. Bottom of Vehicle	Ľ							1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Hull. Check bottom of vehicle for damage.					X			#2, 7, 4, 5 Storb Support Plates chacked #2 port support Phote crucked
Drain Plugs. Check for missing, tight, or damaged plugs.								
a. Hull. (Para. 8-42)	X				<u> </u>			
b. Ramp. (Para. 8-27)	X							
c. Contact Cooler. (Para. 8-43)	<u> </u>							4
IV. Outside of Vehicle (Topside)								<u> </u>
 Hand Rail (forward). Check for weld cracks or other damage. 	X		ļ			٠		
2. Mooring Cleats/Lifting Fixtures. Check for damage. (Para. 8-34)								
a. Forward (port and starboard).	14							
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							- Caredle
c. Cam Lock Handles/Stop Screws.	ľ				X	Χ		Btub side myssins Stop Scralle Pour Hundre weeks add
d. Torsion Bar Assembly. (Para. 8-17)	X							
e. Mounting Hardware.	X							
f. Seal.	Х							
 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							
Center Plate. Check sealing surface for tight fit and retaining screws for tightness.					γ			1 bult not tightened
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 valued
d. Lugs (Dogs).	χ							
e. Mounting Hardware.	Х							
8. Plenum Indicators. (Para. 8-16)								
a. Intake.					Х	K		bent
b. Exhaust.	K							1
Searchlight Mount and Receptacle. Check for damage.		ሊ						mussing cap & cheern
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.	Ϋ́							
15. Overhead Protection Kit (OPK).								
a. OPK Tiles.	X					+		missing bolts
b. Torsion Bar Assist Mechanism (TBAM) Cover.	χ							
c. TBAM.	X							
d. Bosses.	X							
16. Cargo Hatches.								
a. Covers and Hinges.	X							
b. Torsion Bar.	X							

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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. Latches (open and closed).	X							
d. Seals.						χ		Strb Seal
17. Antenna Mounts.						À		
a. Receiving Mount.	X							-
b. Port Sending Mount.	X.							
c. Starboard Sending Mount.	X.				\$ ************************************			
d. PLRS Antenna Mount.	Ιλ.							
e. DACT Antenna Mount.	X		,					
 Sea Tow Quick-Release. Check assembly for damage and proper operation. 				χ	K			handhe Bent
V. Engine Compartment (Forward)								
 Forward Bulkhead, Bow Pod Access Cover, and Bow Pod. 								Houses of MRES stored in Bow, Access cour bolts are missing.
NOTE					.,			cour bolts one missing.
Make sure intake grille is properly secured in raised position.					X			
a. Bow Plane Velocity Fuse Valves.	X							
b. Bow Pod Access Cover.	χ							
c. TACNAV Sensor.	X							
Intake Plenum Actuating Cylinder.								
a. Cylinder.	X							
b. Hydraulic Hoses.	γ.							
Cam Roller Lock. Check condition of each latch roller.	Х							
4. Cooling Fan.								No mountaine nats
a. Guard.	χ							
b. Shroud.	X							
c. Fan.	χ							
d. Bearings.	X							
e. Belt Adjustment.	X							
f. Seals.				X				Fur sent not sealing to plate
g. Fan Cartridge Bearing.	þ							

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			Ì				
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							ALL
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.	X							
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.			V					oil contamina

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.	X							
c. Mounting Hardware.	X						***************************************	
d. Speedometer Adapter/Cable.	X							
Port U-Joint. Check for wear, tight screws, and proper safety wiring.	Х							
13. Port Hydraulic Bilge Pump. Check for oil leaks, loose mounting hardware, damaged screen, and debris.	X							
 Bilge Pump Bypass Valve. Check for oil leaks, loose mounting hardware, and damaged electrical connections. 	χ							
 Plenum Solenoid Valve. Check for oil leaks, loose mounting hardware, and damaged electrical connection. 	χ			- -				
16. Bow Plane Hydraulic tubes. Hoses and Fittings. Check for leaks, loose fittings and loose mounting hardware.	χ							
17. Fuel Manifold. Check for fuel leaks and loose mounting hardware.	χ							
18. Forward Engine Compartment Fire Extinguisher Discharge Nozzle. Check for damage and debris.	χ							
 Port Lateral Drive Shaft. Check shaft for damage and coupling for tight mounting screws and proper lock wire. 	X							
 Port right-angle drive. Check oil level. Check mounting hardware for looseness. Check for signs of leaks. 	λ							
21. Starboard Final Drive.								
a. Oil/Oil Level.		Х						al contuninated.
b. Oil Leaks/Seals.				Χ				output shift seal lecking
c. Mounting Hardware.	X							
Starboard U-Joint. Check for wear, tight screws, and proper safety wiring.	Х							
 Starboard Lateral Drive Shaft. Check shaft for damage and coupling for tight mounting screws and proper lock wire. 	X				X			Missing Lock wine on bolts

Table E-1. AAV7A1 Limited Technical Inspection — Continued

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	included if unserviceable.
 Starboard Electrical Bilge Pump. Check screen for debris and damage. Check mounting hardware for tightness. 					X		mounting mount clamp hoose missing clamp for tube hold down.
 Precleaner. Check cleaner for damage, loose mounting hardware, and loose clamps. Check screen for damage and debris. 					χ		mussing clamp for tube hold down.
Crew Ventilation Fan. Check mounting hardware for looseness. Check ducts and clamps for damage and tightness.	X	-l 11 l					
 Starboard right-angle drive. Check oil level. Check mounting hardware for looseness. Check for signs of leaks. 	Ø.	uur			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						
 Fan Drive Shaft. Check shaft and coupling for damage or wear. Check lock wire for damage. 	X						
30. Fuel Filter.							
a. Fuel Leaks.	χ						
b. Drain Cock/Contamination.	X						
c. Electrical Leads/Transducer.	Y.						
d. Mounting Hardware/Air Valve.	٨						
31. Power Takeoff Unit.							
a. Oil Leaks.			X				oil all over Power Phent
b. Mounting Hardware.				X			double nutted on mountains studs
c. Electrical leads/Connections.	X			Ì			
 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.	4						
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
 Components Bolted on to the Engine. Check for tight mounting hardware, proper electrical connections, damaged hoses and electrical leads, and leaks. 								"
a. Turbocharger.	Х							
b. PT Pump.	X.							
c. Exhaust Manifold (Port Side).	γ,							
d. Engine Oil Cooler.	χ					<u> </u>		attended to the control of the contr
e. Engine Oil Filter.	X							
f. Intake Manifold.	K			ļ				
g. Smoke Generation Components.	X							
h. Cold-Start Components.	X.		<u> </u>					***************************************
i. Crankcase Breathers.	χ.					ļ		
3. Transmission Oil Filter.	χ.							****
a. Mounting Hardware.	X							
b. Leaks.	X							
c. Check Electrical Connections.	X							

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 warrer no oil noted on buystie
 Transmission Oil Level. Check for correct level and signs of contamination. Check fill tube and dipstick for damage. 					χ			no oil noted on Buystue
Tachometer Drive Shaft. Check for adapter and cable damage.	χ							
 Radiator. Check for radiator damage. Check for water leaks on radiator and coolant tubes. 	X							
Exhaust System. Check condition of insulation. Check for loose mounting hardware and damaged scavenging system check valve and for leaks.	X							
 Engine Compartment Exhaust Duct, Check for cracks or other damage. Check mounting hardware and clamps for tightness. Check tubes for proper mounting. 	χ							
 Engine. Check overall condition of engine for cleanliness and fuel, coolant, and oil leaks. 					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
 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							

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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.
15. Cold-Start Disconnect Lever. Check for proper operation, damage, and corrosion.	×							
16. Hydraulic Reservoir.								
a. Oil Leaks.	χ							
b. Mounting Hardware.	Ϋ́							
c. Oil Level.	Х							
d. Dipstick for damage.	X							
VII. Troop Compartment								
NOTE Before inspecting troop compartment, open cargo hatches. Sound horn and								did not do valude had no power to vaise vamp
lower ramp.								power to vaise
Engine Compartment Access Covers (aft). Check all thumbscrews and clamps for damage and operation. Check covers for correct mating and damage.								
a. Aft Upper.					χ		*	Bent
b. Aft Center.	λ							
c. Aft Lower.	X							
d. Port Upper.	X.							
e. Port Lower.	V							
f. Smoke Generation.	Y,							
 Smoke Generation Fuel Control Valve. Check to see if valve operates freely. Check for any damaged components and leaks. 	χ							
3. Engine Compartment Fire Extinguisher.								
a. Bottle and Tag.	X	X						No Tuy on bottle
b. Control Valve.	λ							
c. Clamps.	X							
Troop Ventilation Outlets. Check for free movement and damaged louvers.	X							
 Coolant Bypass Tube. Check to see if tube is mounted properly in retaining brackets. 	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.
6. Air Cleaner Compartment.								
a. Access Door.	X							
b. Retaining Brackets.					Χ			MISSING YEAR VITAINING HAVEWAN
c. Element.						Х		·
d. Compartment.			χ			,		Needs to be cleaned
 Right-Angle Drive Access Cover. Rotate weapon station to gain access to cover. Check cover for proper mating and damage. 	χ							
 Starboard Longitudinal Shaft Cover. Check for damage. Check for loose mounting hardware. 	.γ							
 Starboard Longitudinal Shaft. Check shaft for damage and coupling for tight mounting screws and proper lock wire. 	Υ,							_
 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. 	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.								AWD Return Line Louse.
a. Electrical Leads.	X							
b. Leaks.	Х							·
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.	"X	^				ļ		
f. Adjusting Rods.	Ϋ́,	, i						

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 Tabs med welding
e. DVE Container.	χ							
f. Portable Fire Extinguisher Bracket.	χ							
g. Pamphlet Stowage Rack.	i i		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.	Х						-	
c. Cables and Terminals.	X							
d. Battery and Terminal Posts.			X					
e, Battery Box Drains.	χ					}		
f. Battery Instruction Plate.	χ							
 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.			®		Х			missing uncurtaing
a. Port	χ							
b. Starboard.	X							
18. Water Steer System Components.								-
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.
 b. Water-Jet Deflector Servo Module (port and starboard). 	X	······································						
 c. Water-Jet Deflector Solenoid Module (port and starboard). 					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 unhooked
b. Cables.	χ							
c. Test AFSSS using the test set (Item 4, Table 11-1) (Para. 11-70)								No vahidie 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.					×			To dome 118ht Len's Broke No valuable 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 undere, 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
 a. 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.),							
 d. Bilge Pump Access Cover (port and starboard). 	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.	X							
30. Electric Bilge Pump.								
a. Electric Pump.	X							
b. Outlet Tube.	X							
31. Bilges. Check for cleanliness and obvious signs of damage.								
a. Brackets and Mounting Hardware.	X							
b. Discharge Tubs and Nozzles.	λ					L		
32. Fire Extinguisher (17-lb).								
a. Mounting Hardware.	Х							
b. Discharge Tub and Seal.	X							
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.	X							
e. Heater Ducts.	X					****		
 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							
c. Check Radio Cables.	٨					,		
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							
Flapper Valve. Check spring tension flapper. Check mounting screws for tightness and damage to flapper.					X			no spring tensua
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.			★					no tag
a. Bracket and Mounting Hardware.	X					at. i		
b. Tag/Date.		X			1	Hit		
c. Wire Seal.						X		wire Broken
 Ramp Lock Handle. Check handle and lock for damage and proper operation. 				χ				not Locked
Ramp Control Valve. Check for damage, loose fittings, leaks, and loose mounting hardware.	X							
Fire Extinguisher Discharge Handle. Check handle for damage and unbroken wire seal.	K							

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 in water Jets
Handle Throttle. Move throttle and check for proper operation. Check linkage and cover for damage.								at Idle
 Gear Selector. Check console for loose mounting hardware for damage. Check movement of selector through all gear range. 								In 4th Gear
 Air Cleaner Restrictor Indicator. Check for proper mounting to bulkhead. Check indicator for damage. 						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							
 Brake Pedal. Apply and release brakes to check binding. 	X							
 Parking Brake Handle. Check for proper operation. Make sure that parking brake holds and releases properly. 	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.								-
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.	Х							
c. Horn Button.	X							
d. Panel Lights Brt/Dim Switch.	X							
e. Cold-Start Switch.	χ							
f. Starter Button,	γ,							
g. Light Switch.	X							1
h. TACNAV Indicator.								WA
i. Tachometer.						X		water inside Gauge
j. Speedometer.						χ.		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.	χ							
 p. Forward Electric Bilge Pump Indicator Light. 	X							
 q. Aft Hydraulic Bilge Pump Indicator Light. 	χ							
r. Forward Hydraulic Bilge Pump Indicator Light.						Х		
s. Ventilation Switch.	X							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							·
 Bow Plane Control Valve. Check for damage, loose fittings, leaks, and loose mounting hardware. 	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.
 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. 	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		,					
 Bilge Outlet Tube. Check tube for damage, hoses for cracks, and clamps for tightness. 	X							· .
23. Instrument Distribution Box, Check that box is securely mounted, and that cover screws are tight. Check all wiring harness connectors for tightness.					¥			Cover unissing 2 Screws
24. Forward Slave Receptacle on Instrument Distribution Box. Check cover and chain for damage. Check receptacle for corrosion and damage.					χ			cover & chash (pops
25. Searchlight Switch, Check for damage and operation.	X							
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.					X			on position Shutoff Luczen
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	and the state of t				
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					

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 sew on Rew MFSS nottle
33. Drive Shaft Guards. Check guards for damage and mounting hardware for tightness.	X					,		hottle
IX. Equipment Operation								
Start vehicle, check operation of the following:								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,						(b)(6),	(b)(7)(c)
2. Perform Diagnostic Test Equipment checks IAW TM 07007/07267/07268-25/1 (see worksheet at the end of this Appendix).					<u>/</u>			
Vehicle Stall Check. With brakes locked, and gear selector in 4th gear, accelerate fully and check the following:								
a. Brakes.								
b. Transmission.	Z							
	,							

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Table E-1. AAV7A1 Lin	aitad	Tock	mics	al Inc	nac	tion	^	TM 07007/07267/07268-25/1
Table E-1. AAV/A1 LIII	mea	reci	IIIICa	31 IIIS	hec	uon	C	Ontinued
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.								<u> </u>
4. Lights. Check that lights work properly.								
a. Light Switch.								
b. Service Drive.	J. T.							
c. Dimmer Switch.							7	
d. Blackout Markers.	<u> </u>		•					
e. Stop Light.								
f. Park.								
g. Searchlight.								
h. Interior Dome Lights.								
Driver's Viewer Enhancer that power system works.								
6. Lamp Test/Warning Canc Check audio signal with prop helmet.	L \			.				
X. Functional Road Test (b)(3), (b)(6), (D)(1)(C	;)						The Thirty Attached
Steering, Check operation		7						
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.	-							
3. Check if electric bilge pumps operate.								
4. Check that jet drive activates at 1000 to 1200 RPM.								

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Table E-1. AAV7A1 Limited Technical Inspection — Continued

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	djust	(epair	Replace	Medity	Remarks MUST be ncluded if unserviceable.
5. Bow Plane Operation.								
 a. Control Valve. Check for proper operation and leaks. 					(b)(6)	, (b)(7	7)(c)	
 b. Bow Plane. Check that it fully extends and retracts. 		/						
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. C	RGANIZATION			2. NOMENCLA	TURE		- C1 - Carrier (- A 1) - Carri		**************************************
3. R	EGISTRATION, SERIAL, NSN	4A. MI	LES	4B. HOURS	Benedik Maria Para Para Para Para Para Para Para	5. DATE		6. TYP	E TEST
7.	A CONTRACTOR OF THE CONTRACTOR		omino sacratico de la constanta	APPLICABL	E REFER	ENCES			and the second s
ТМ	NUMBER	TM DA	TE	TM NUMBER		TM DATE		<u>, p. nome and p. p. nom. p. nom. p. no</u>	- A CONTRACTOR OF THE CONTRACT
	TRUCTIONS: ALL INSPECTIONS A GNOSTIC PROCEDURES AND ST					ED ON THIS FO	ORM HAVE BE	EN DET	ERMINED IAW
8A. S	SIGNATURE (PERSONS(S) PERF	ORMING	TEST)	8B, TIME		9A. SIGNATU SUPERVISOI		9B. TIME	10. MAN- HOURS REQUIRED
	One of the state o			13. LIMITS		-			A CANADA PARA PARA PARA PARA PARA PARA PARA P
	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	woo palasessoon allow for any com-		
DCA3	AIR CLEANER P (2800 RPM)	*28			25	IN H-O	A CONTROL OF THE CONT		
	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	makadak ara wa marana wa marana				
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		Mary and Assessment Consumers of the Con	A CONTRACTOR OF THE CONTRACTOR
BATTERY RESISTANCE (CRANK ON TO GO)	73			13	MIL- LIOHMS	CONTRACTOR OF THE CONTRACTOR O		
ALTERNATOR (GENERATOR) VOLTAGE (FAST IDLE, ACCESSORIES ON)	82	26,7	27-29	29.4	VOLTS			ozav kommuniku
STARTER CIRCUIT RESISTANCE (CRANK ON GO)	74	ad hard besture an entre service	3-22	25	MIL- LIOHMS	early to general the second		
POWER TEST % FULL POWER	13**	80%			RPM	cammanananananananananananananananananan		:
STARTER POSITIVE TERMINAL VOLTAGE (CRANKING)	68	17		VOLTS		THE REPORT OF THE PROPERTY OF		
ENGINE OIL TEMP (FAST IDLE)	37	140	200+235	275	· F	or we consider the second of t		
ALTERNATOR (GENERATOR) DIAGNOSTIC VOLTAGE (FAST IDLE, ACCESS ON)	83	ńot a	/AILABLE	VOLTS	error d. h h.			
STARTER NEGATIVE CABLE DROP (CRANKING)	69			1.2	VOLTS			
ALTERNATOR (GENERATOR) NEGATIVE CABLE DROP (FAST IDLE)	84			0.5	VOLTS			haminesstennes der wei sill zeich als Effek Ant Saffikat
BATTERY CURRENT (CRANKING)	80	CONTINUE DE LA TRACTICA DE LA COMPANIA DE LA COMPA	350-550	1144	AM- PERES			

Table E-2. Diagnostic Test Equipment Worksheet — Continued

	namental (see a see a			13. LIMITS		and the state of t	<u> </u>	Ì	**************************************
	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	reminish deli ilime ilime di Chilling alem ilime i		
	IN VEHICLE (STALL CHECK)	24	AT 23	10-2610		RPM			
	COMPRESSION UNBALANCE (CRANK WARM ENGINE ON GO)	14**	American in the second in the		10	%			
	STARTER SOLENOID VOLTAGE (CRANKING)	70	17			VOLTS			
	TRANSMISSION OIL TEMP (FAST IDLE)	37	140	170-235	305	F .			ABBOOKEN
	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			18	PSI			

VEHICLE READINESS TEST

^{*} REQUIRES OFFSET LIMIT TEST PER FIGURES 4-4 AND 4-5

^{**} TESTS CAN ALSO BE PERFORMED USING CONNECTOR DCA 13

TM 07007/07267/07268-25/1

Table E-2. Diagnostic Test Equipment Worksheet — Continued

17,	ORGANIZATION			18. NOMENCLATURE 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						
TESTS	RESISTANCE				вт2	And the second s					
	li .				ВТ3						
₹					BT4						
BATTERY	BATTERY CURRENT	90	230-350	AMPERES	BT1						
				£	ӨТ 2	Sec. Contract Annual Contract					
SINGLE					втз						
2					BT4						
	BATTERY	79	25/SEC MAX	MILLIOHMS	BT1						
	RESISTANCE CHANGE				BT2						
	GHARGE				ВТ3	, , , , , , , , , , , , , , , , , , ,					
					BT4						
-	BATTERY	77	13 MAX	MILLIOHMS	BT1						
	RESISTANCE				ВТ2						
					B73	ASSESSMENT OF THE PROPERTY OF					
					BT4						

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Table E-3. AAV7A1 Limited Technical Inspection

ASSAULT AMPHIBIOUS VEHICLE (AAV7A1) UPGUNNED WEAPONS STATION (UGWS), AAVP7A1 LIMITED TECHNICAL INSPECTION

TAC No. 3-15-05 U.S.M.C. No. 523519	ECTION Miles 1571.2 Hours 729.92
Date Inspected 6-10-2020 Inspector FSR	(b)(6), (b)(7)(c)
· (F	Rank/Signature)

	·						т	
NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be included if unserviceable.
I. Basket Weldment				·				
Basket Weldment Clearance.								
 a. 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							
b. Upper portion of 12-channel slip ring rotates freely.	X							
c. Manual and electrical weapons station operation.	Υ,							
3. Power Relay Assembly.								
a. Box secure to bottom of basket.	Χ							
 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							
 c. Seat in good condition, locks in all height positions, secure in basket assembly. 	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
 b. Electrical connector tight and in good condition. 	χ							
Weapon Control Assembly.								
Box cover secure. Box secure to basket weldment.	X							
 b. Electrical connector tight and in good condition. 	Χ							
Traverse Switch Assembly.								
a. Box cover secure to basket weldment.	K							
 Electrical connector tight and in good condition. 	X							٠.,
4. M36E-TSS Periscope.								Sight unswierable
 a. Mounting Screws. Check screws for security. Check sight is secure to turret weldment. 								
b. Sight. Check for moisture in window and in mirror. Check condition of glass.								
 c. Sight Eyepieces. Check for moisture, condition of reticles, condition of eye-piece pads, and proper operation. 								
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. 								
 g. Body Assembly. Check mounting hardware for security and that lock 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.	1							

Table E-3. AAV7A1 Limited Technical Inspection — Continued

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be included if unserviceable.
 i. Sight Power Electrical Connectors. Check that electrical connectors are in good condition. 								Sight ungarrice
 j. Check for cracks, dents, burns and chipped paint on housing. 								
 k. Check that valve cap is tight and retaining strap is not broken or missing. 								
 Check that both knobs on elbow assembly move freely from LO to HI position. 								
 m. Check that lamp holder is tight and packing is installed. 				,				
 n. Check that plug or shutter switch is present. If missing, notify supervisor. 				(b)(3), (b)(6),	(b)(7))(c)
 c. Check that all boresight knobs move freely, and scales can be easily read. 				_				
 p. Check ID plate for damage and if it can be easily read. If plate cannot be read, notify supervisor. 				/				
 q. Check that shutter switch will not move to ON without pushing safety button first. 			/					
r. Check that valve cap strap is not damaged or missing.								
 check that all screws are tight on mounting hardware. 								
Exhaust Blower. Check for corrosion and debris. Make sure electrical connectors are tight and in good shape. Check operation of blower door.	Χ			,				
50 Caliber Ammo Ejection Chute. Check for condition and security. Ensure that chute is clear of debris.								not us talked
 a. Check ejection-chute hose for security and condition. 			(b)((3), (b	o)(6),	(b)(7)	(c)	
 b. Spent-Cartridge Box. Check security and condition. Check operation of latches. 								
Equilibrator. Check for corrosion, security and adjustment.	X							
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.
b. Check security and condition of roller guides.	χ							
9. 40mm Ammo Feed System.								
 a. Feed Chute. Check for dents, corrosion and/or damage. 	χ							
 b. Check feed-chute cover for tears, holes; zipper must move freely. Check attachment points for security and condition. 	X							
 c. Check anti-feedback lever for condition and security. 	Х							
10. 40mm Ammo Box Assembly.								
Check security and condition of box, doors, and flaps.	χ	·						
b. Check operation of latches.	X							. 1.
 c. Check that electrical connector on last-round switch is tight and in good condition. 					Χ			not mounted
11. 40mm Charger Assembly. Check condition and security of charger tube.	X							
12. 40mm Mantlet.								
a. Check condition and security.	X							
b. Check operation of cover latches.	1							
 .50 Caliber Mantlet and Cradle. Check condition and security. Check for damage, cracked welds and bare metal. 	λ							
 Power-Assist Traverse Mechanism. Check for security, condition and leakage. Make sure that electrical connectors are tight and in good condition. 	χ							
 Elevation Control Assembly. Check for security and condition. 					χ			upper mount 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				Bent switch uppluse

Table E-3. AAV7A1 Limited Technical Inspection — Continued

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be included if unserviceable.
 Elevation Interrupter Switches. Check for condition and security. Check that electrical connectors are tight and in good condition. 	X							
Utility Light, Check that light and electrical connector is secure and in good condition.	X							
21. Communications Box.	K							
 a. Check that electrical connector is tight and in good condition. 	X							
b. Check for security and condition.	X							
22. Weapons Station. Inspect for damage, security and clarity.	Х							
 a. Vision Blocks. Inspect for damage, security and clarity. 	X							
 Ring Gear. Inspect for damage and corrosion. Should be clean and no grease. 	X							
23. Hatch.								
 a. Seal, Hatch, Hinges. Inspect for damage, loose hardware and proper operation. 	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							
 d. Crash Pads. Inspect pads on hatch and weapons station for security and condition. 						χ		
24. Sight Cover.								
 Seals, cover, hinges, inspect for damage, loose hardware and proper operation. 					X	,		
b. Sight cover handle. Check conditions and proper operation.					X			Froz-en
25. DAGR.							- Accessed to	
 a. Check that electrical and antenna connections are tight and in good condition. 		انخ	K	ل)(3)	, (b)(6), (b))(7 <u>)(</u> c	, Neigh not insta
 b. Check for security and condition. 	_ ا	خلها			1			

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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.
III. Weapons Station Exterior,								
 Receptacle, Spotlight. Inspect for corrosion and damage. Check that cover fits securely and is tight. 	X							
Mount, Spotlight. Inspect condition and security.	X				-			
Smoke Grenade Launchers.								Fixed museut on points
 a. Tubes. Inspect sight tubes for dents, cracks or corrosion, and security to mounts. Check security of mount to turret. 					X			Fixed minuit on ports Bent. Flag Brucket Bent.
b. Electrical Contacts. Check that contacts are tight and free of corrosion.	X							
 c. Rubber Caps. Check sight caps for condition. 	X						:	600
Entrance Window. Inspect condition and security. Look for signs of moisture.						X		sight unsuviceable
5. Sight Cover. Inspect condition and security.					χ			
40mm Mantlet Cover. Check for security and condition. Check operation of latches.	X							
Remote Antenna. Check security and condition of cover.	X							
IV. Functional Tests.								No power.
 Manual Operation. Check for weapons station binding and backlash. 								
 a. Azimuth. Check movement through 360° clockwise and counterclockwise. 								
b. Elevation. Check for +45° maximum elevation and -8° maximum depression.								
Powered Systems Test. Vehicle master switch and turret power switch ON. Check operation as noted.							,	
 a. Control Box Lights. Check that control box lamps light when turret power switch is ON by pressing lamp test all button. 					(b)(6)	, (b)(7	7)(c)	
 b. Domelight. Lights in both blue and white switch positions. 				/	L			
c. Utility Light. Lights in both red and white.								
 d. Thermal Elbow Check Only. Ensure the unit shows an image and all controls work.]					

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.								
3. Low Ammo System Test.								
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. 								
Weapons Station System. Perform test as prescribed in Section 3.								
a. Manual Elevation. Check operation.				(b)(3), (b	0)(6),	(b)(7)	(c)
 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 Launcher Test.	<u> </u>							
a. Tubes. Check that they are clear of grenades.								
 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. 								
6. DAGR Operational Test. Refer to TM 11-5820-1172-13.								no puga
a. Check that DAGR passes self-test.								
b. Check that DAGR is using vehicle power.				Ĺ				
c. Check that DAGR is using remote antenna.				b)(3),	(b)(6), (b))(7)(c	
 d. Check functioning of DAGR screen backlighting. 								

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)

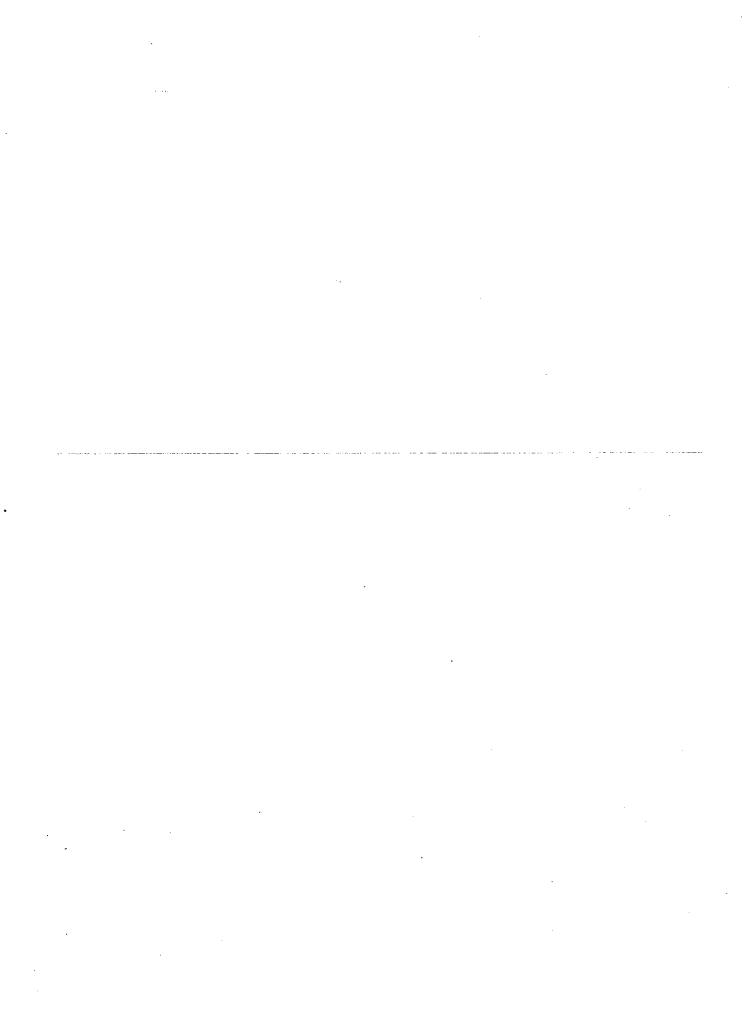
Note: I am not a Contracting Officer, I do not have the authority to initiate or modify contracts or to direct you in any way to alter your contractual obligation. I do not have the authority to commit the Government financially in any way.

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USMCNO	LVT1072	Model RAM/RS	Vehicke ID AFSSS 1 Rensons 5494-1 523519 #
SERIALNO	523519	Variant P7	Vehicke ID 523519
HISTORICAL TO HULLNO	P7000234	CS/Drethess Velice ID Varant Model Holder S28519 P7 RAM/RS and AA Bn	Last Submission Dæte 44071

LIMITED TECHNICHAL INSPECTION

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	COM	TION CODE: A				
LTI BY PRINT/SIGN	(b)(3), (b)(6), (b)(7)(c)	LTI BY PRINT/SIG		(b)(3)	, (b)(6), (b)(7)(c)	
DATE: 2020 8414						•

ENCLOSURE (47)



ASSAULT AMP LIMITED T	PHIBIOUS VEHICLE (AAV7A1) ECHNICAL INSPECTION											
MODEL (CIRCLE ONE)	MODEL (CIRCLE ONE) REFERENCES											
(AAVP7A1)	TM 09674A-25&P/4	TM 8F152B-25&P										
AAVC7A1	TM 07267B-50											
AAVR7A1	TM 07268B-25&P/2											
TAC NO. 3-11-61	MILES 1775											
U.S.M.C. NO. 5735)9	HOURS 777	The second of th										
HULL NO. 13 AM-Y-009		NAME OF THE PARTY										
ENGINE NO. 37222121												
TRANSMISSION NO. 7 MYZZS												
(b)(3), (b)(6), (b)(7)(c) SNAME/RAN	K/SIGNATURE	DATE INSPECTED										
(b)(3), (b)(6), (b)(7)(c)		76706414										
NOTE: The following inspection sheets are div	ided 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					T	
NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
I. Outside of Vehicle (Forward and Port)								
1. Hull Forward End. Check for damage and bare metal.								Slight Bare Metal
2. Towing Eyes. (Para: 8–33)		意源	がある			原数数 成分子		
a. Port.	\checkmark							
b. Starboard.	V							
3. Headlights. (Para 11-32)	*		200分 400分	行(6) 图303	10.55 10.55	で で で で を が を	使变 图像	
a. Port.	/							
b. Starboard.	1							
c. Headlight Guards.	V							-
4. Bow Plane: (Para: 10-14)	1	等	题(i)		翻		響	
a. Hinges and Mounting Hardware. (Para. 10-17)	1/	1						
b. Bow Plane. (Para. 10-17)	1/	İ						
c. Hydraulic Tubes and Fittings. (Para. 10-16)	1			,				
d. Pivot Actuator. (Para. 10-18)	V							
5. Hull Port Side: Check for damage and bare metal.	- <u>4</u> 20	10 m	装工	y jar' e	757	27 (2) 12 (2)	22.7	
 a. Armor Piercing Protection Plates Kit (APK). (Para. 16–26a) 	V							
b. Steps. (Para. 16-29)	1							
c. Slope Rack Kit (SRK). (Para. 8-49)	17							
d. Stowage provisions. (Para, 16-37)	1							
e. Fairings. (Para. 16-28)	1/							
f. Standoff Brackets. (Para. 16–27)	1							
g. Hull Bosses. (Para. 16–36)	1	7						
 Port Track Shroud. Check for loose mounting hardware and damage. (Para. 16–28) 			V					Needs Paint Job
7. Port Final Drive. (Para. 7-18)	€ 462	7 (A)		# ## ###	· · · · · · · · · · · · · · · · · · ·			
a. Outer Housing.	1./	/						
b. Bolts.	Ĭ	1						
8. Port Sprocket Carrier. Check for loose mounting hardware and damage. (Para. 7–16)								
9. Port Sprockets. (Para. 7–16)	e : \$.		9					
a. Inner.	1	/						
b. Outer.		/						

NOMENCLATURE/LOCATION	Satisfactory	Wissing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
11. Port Track: (Para: 7-7) Use mack wear gare to measure wear. Mark each miserviceable track shoe:				3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00		基础		Extend to Belleving SARP to the
a. Track Shoes.	· · · · · · · · · · · · · · · · · · ·	海影	高電影	五烷	1.34	251.5E	透流	AND STREET OF STREET OF STREET
b. Track Pads.	-14							
c. Track Pins.				-				Charles and the control of the second of the
d, Track Wear.	$\dashv \forall \gamma$							
e. Track Adjustment.	-1:/		-			-		
12. Port Road Wheels and Hubs. (Para 7±12) Circle those numbers which are unserviceable				\$10 \$10 \$10 \$10 \$10 \$10 \$10 \$10 \$10 \$10		智能を	是 第 第 第 第 第 第 第 第 8 8 8 8 8 8 8 8 8 8 8 8 8	
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 .								
d. Hub Oil Level. 1 2 3 4 5 6						<u> </u>		
e. Mounting Hardware. 1 2 3 4 5 6								3
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.	温を			三型				
a. Torsion Bars. 1 2 3 4 5 6	\checkmark						_	
b. Retaining Screws. 1 2 3 4 5 6	√			To Charles				
15. Port Shock Absorbers. (Para 7-11)				いる		2 2	2 32	A SANTA CONTRACTOR OF THE SANT
a. No. 1 Shock.				_	-	_	- -	
b. No. 2 Shock.			+	-			\bot	
c. No. 3 Shock.	$- \bigvee$		+	+	<u> </u>	+	+-	
d. No. 4 Shock.	_ ~		+	+	-	+-	+	
e. Mounting Hardware.		خار ود	eter dike	egi.i.i	- N			Kel Mikken Maria (1915) and a second of the
16. Port Front Single Support Roller. (Para. 7-14)	TO SERVICE SER	事業	野機	# W	VI (:		T 15	· · · · · · · · · · · · · · · · · · ·
a. Support Wheel Cracks/Damage.	_ V	/	+-	+-		+	+-	
b. Hub Oil Leaks.	$- \vee$	+	+-	+	+	+	+	
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 /1-15)		蒙				쮏	E	
a. Support Wheel Cracks/Damage.								
b. Hub Oil Leaks.								
c. Hub Oil Level.	$\sqrt{}$							
d. Mounting Hardware.								
18. Port Rear Single Support Roller. (Para -7-14)	学を	委	17.00 排標	位.沙 安概:	2.70 公開設	建度 香糖	缩	A CONTRACTOR OF THE SECOND
a. Support Wheel Cracks/Damage.	V							
b. Hub Oil Leaks.								
c. Hub Oil Level.	V							
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)	14 pg	# 3	5.5	歌	702	糖	ÃÃ.	
a. Idler.	1							
b. Outer Wheel.	V							
c. Inner Wheel.	V							
d. Mounting Hardware.	V,							
e. Oil Level.	V							
21. Port Track Tension Adjuster, (Para 7-8)	- juli	- 1	有過		317	100	18.3	
a. Track Adjuster Support.	1./			T				
b. Track Adjuster.			1./				1	Has Rust
c. Bleeder Valve.	1/						1	No.
d. Grease Fitting.	1/	\top		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.								
24. Drive Shaft. (Para. 9-17) Check for signs of damage.	17	1	1	1	Ť	\top	T	
25. Footman Loop. (Para.) Check for weld cracks.	1.7			T	T	1	1	
26, Port Handrails. (Para.) Check for weld cracks.	17	1	T	1	T	\top	1	
27. Port Cargo Hatch Supports. (Para.)		3	7 27.5	7 45 7 45		章 程	÷ 3:	· 新华文学中的第一个
a. Forward Support.		7	1	1	Ť	T	Ť	
b. Aft Support.	1.7	1	1	1	1	1	1	·
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	7	+	+	\dashv	+	\top	

	1					, 		
NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	 Remarks MUST be Included if unserviceable.
7. Vision Block and Guard	(2) (4) (4)	1884 1884	海族 拉连	27.7 3.3	部盤 計畫	经验		
a. Vision Block Guard.	V							
b. Vision Block.	1	-						1, 0 VT (A/A)
8. Personnel Hatch		100000 100000 1000000 1000000000000000			<u>\$40</u>			
a. Personnel Hatch Handle (inner and outer).	J							
b. Personnel Hatch Seal.	V			**************************************				and the state of t
c. Hook and Damper.	1/							
d. Mouating Hardware.	/							
Starboard Deflector. Check for warping and cracks. Check mounting hardware for tightness and damage.								
10. Trailer Receptacle	毒	48		- The			養家	在一下。一个是一个
a. Cover.	1./							
b. Retainer Chain.	V							1
 Starboard Reverse Flow Duct. Check for damage and tight mounting hardware. 								
12. Starboard Propulsion Unit. Check unit for damage and mounting hardware for tightness. Rotate drive shaft to check for free movement of impeller.	/							
13. Drive Shaft. Check for signs of damage.	17		\vdash					
14. Footman Loop. Check for weld cracks.	V							And the state of t
15. Starboard Idler Wheel and Hub.		25.2°			鑩	刘 俊 安康	THE CALL	
a. Idler.	11/							And the second s
b. Outer wheel.	17				1		 	
c. Inner wheel.	1/						1	
d. Mounting Hardware.	V				ĺ			
e. Oil Level.	V							
16 Startsoard Track Tension Adjuster.	1		等 表 定	蒙		震	198	
a. Track Adjuster Support.	V							
b. Track Adjuster.			1/		1		\top	Has Prust
c. Bleeder Valve.	V						1	1.001
d. Grease Fitting.	1/		T	İ	T	1		
 Starboard Anode. Check for tightness of mounting screw. Make sure there is no paint on anode. 	1							
18. Starboard Midships Bearing. Check for signs of leaks.	1/		1	†	\dagger	+	-	

							ī	
NOMENCLATURE/LOCATION	Satlsfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
30. Stowage Brackets. Check for weld cracks.	1/							and desired the second
31. Bilge Pump Outlets	魏	公施	100 miles	藜		変産	金鱼	
a. Hydraulic Pump Outlet.								
b. Electric Pump Outlet.								
32. Personnel Heater Exhaust Oullet	15°EV	#C18	180	翅	12	襛	菱	
a. Outlet Cap.	V					Π		
b. Outlet Adapter.	1							
33. Exterior Fire Extinguisher Pull Handle		海	100	1	78 (A)	1000 1100	April 1100 North	
a. Handle.	/							
b. Wire Seal.	V_			<u> </u>				
 External Fuel Tank Drain. Check plug for tightness and leaks. 	V							·
35. Port Deflector. Check for warping and cracks. Check mounting hardware for tightness and damage.	/							
36. Port Reverse Flow Duct. Check for damage and tight mounting hardware.	V		,					
 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.	V							
I. Outside of Vehicle (Afr and Startoard)		1 100		建	意意	意意		
1. Tailligius & Season and Control of Contro				新新	M	重觀		
a. Port Taillight.	1	1	T					
b. Starboard Taillight.	1/							
c. Taillight Guards.	1	1						
 Horn. Check for loose mounting hardware, corrosion, and proper electrical connections. 	\ \	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.	- ~							
5. Ramp Plugs. Check for tightness.	1	1						
 Ramp Hinges and Towing Eyes. Check mounting hardware for tightness. 	V	1						

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
19. Starboard Road Wheels and Hubs. Check those mumbers which are unserviceable.			震震					
a. Road Wheel Cracks/Damage. 1 2 3 4 5 6	✓	12-00-14	and and a		aris a	5. 3 .302	4-3-y	reported to the state of the st
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.	\vee							
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	<u> </u>							
22. Starboard Shock Absorbers.				1.0				
a. No. 1 Shock	1/							
b. No. 2 Shock	/					T		
c. No. 3 Shock	1/			<u> </u>				
d. No. 4 Shock	V							
e. Mounting Hardware.	1/							
23. Starboard Front Smele Support Roller	墓談	20			7-16 2012	記事	188	連続を建設を記っ越いた場合では、ここと 本は高い高い音を加える。 は、一般では、一般では、一般では、一般では、一般では、一般では、一般では、一般で
a. Support Wheel Cracks/Damage.	1/	1						
b. Hub Oil Leaks.	1/							
c. Hub Oil Level.	V							
d. Mounting Hardware.	1/							
24. Starboard Dual Support Roller.	-q	100	1. With		-413	X 5	32.0	
a. Support Wheel Cracks Damage.	1/							
t. Hub Oil Leaks.	V	Ī	Π	T	1	1	T	
c. Hub Oil Level.	1/	İ	T	T	 	1	\dagger	
ii. Mounting Hardware.	V		Γ		İ		T	
15. Starboard Rear Single Support Roller.		1	1		1		37	
s. Support Wheel Cracks;Damage.	17	1			1	1	1	
U. Hub Oil Leaks.	1.7			Τ			1	

		T				ŀ		
NOMENCLATURE/LOCATION	Satlsfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
26. Starboard Slap Guard. Check for wear and loose mounting hardware.	<u> </u>							
27. Starboard Track. Use track wear gage to measure wear. Mark each unserviceable track shock.	多							
a. Track Shoes.	$\sqrt{}$			emmedizo	desimonarimo 	eunn zennm		Nowah (African Interns years processes represented to control to the School of School
b. Track Pads.	/							
c. Track Pins.	/							
d. Track Wear.	./							
e. Track Adjustment.	1							
28 Starticard Sprocket Rings	Says, cates	Janas 中華	1 3 to 1 to 1 to 1 to 1 to 1 to 1 to 1 t	1000 1000	78	蒙	靆	
a. Inner.	,/				1			
b. Outer.	V							
 Starboard Sprocket Carrier. Check for loose mounting hardware and damage. 								
30. Starboard Final Drive	2/11	1815	129	報告	17.2	營	22	
a. Outer Housing.	17	1						
b. Bolts.	V			Π				
 Starboard Side Pontoon. Remove drain plug and check for water. 	V							
 Starboard Track Shroud. Check for loose mounting hardware and damage. 			V					Needs Paint
33. Startward Bilge Pinnp Outlets.	3.						救	
a. Hydraulic Pump Outlet.	1/	1						
b. Riectric Pump Outlet.	1/		1					
34. Stowage Brackets. Check for weld cracks.	1	1						
 Heater Exhaust Outlet. Check for loose mounting hardware and damage. 	\ \	1						
36. Starboard Cargo Hatch Supports.		A TO	13	2) 1)	: 3	I Š		
a. Forward Support.	1	7	1	1		T		
b. Aft Support.	1	/	1	T				
c. Hand Raiis.	1	7	\top			\top		
						- +	- 1	

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
38. Startoard Side Hull / Check for damaged and bare metal.	1000年			建設的				
 a. Armor Piercing Protection Plates Kit (APK). (Para. 16–69a) 	/							
b. Steps. (Para. 16-72)	./							
c. Slope Rack Kit (SRK). (Para. 16-73)	1/							nderworkschieber der 2000 der Schrieber 2000 der Sc
d. Stowage provisions. (Para. 16-81)		AMAZINA						
e. Fairings. (Para. 16–71)	1							
f. Standoff Brackets. (Para, 16–70)	1							
g. Hull Bosses. (Para. 16-80)	1/							
III. Bottom of Vehicle		建	200	蓬	震		克斯 海拔	
Hull. Check bottom of vehicle for damage.			1				,	Small Crack Meds Weldship
Dram Plugs Check for missing, light, or damaged phligs				额			物	
a. Hull.		<u> </u>						
b. Ramp.	V	<u> </u>						
c. Contact Cooler.	1							
IV. Outside of Vehicle (Topside)	53	運	· 1000	y 2.	150	V2€ 1005	199	不是是是是是是一个
 Hand Rail (forward). Check for weld cracks or other damage. 	/							
Mooring Cleats/Lifting Fixtures - Check for damage. (Para 8-34) (Para 8-34) (Para 8-34)	三年		\$4.00 \$2.00	製造	- A		調整に	
a. Forward (page and starboard).		1						
b. Aft (port and starboard).	V	<u> </u>			<u> </u>	<u> </u>		
3. Intake Grille NOTE Make sure intake grille is secured properly in raised position.								
a. Screen.		<u> </u>						
b. Brace Rod.	1/	_		L	\perp			
c. Cam Lock Handles/Stop Screws.	\mathbb{Z}							
d. Torsion Bar Assenibly. (Para. 8–17)	1/	4						
e. Mounting Hardware.	W			T				
f. Seal.	1/			1	-			
 Ventilator—Applicator. Check that valve works properly and inlet sorven is clean and not dumaged. (Para. 8–18) 	V							
 Sudiator Cover and Cap. Check ballistic cover for damage and rudiator cap for proper sealing. (Para. 8-19) 					-			ENCLOSURE (47)

		1 1		1				
NOMENCLATURE/LOCATION	Satisfactory	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.								
7. Exhaust Crille (Para, 8-14) NOTE Make sure that exhaust grille is secured properly in a raised position.			では、高さない。					
a. Screen.	<u> </u>				<u> </u>			
b. Seal.	$\rfloor \checkmark$							
c. Brace Rod.				<u> </u>				
d. Lugs (dogs).							<u> </u>	
e. Mounting Hardware.	V							
8. Plenum Indicators.		表	1988	8	瀏		灩	The state of the s
a. Intake.	1							
b. Exhaust.	\ <u>/</u>							
9. Searchlight Mount and Receptacle. Check for damage.	1/							
10. Driver's Hatch		2 1 5 2 7 5	1965 1964	岩		150 720	13	
a. Cover and Hinges.	./	1						
b. Torsion Bar,	1./	1		1				
c. Latches (open and closed).	1	1	\top	1	1			
d. Seals and Pads.	1,7	1	1	\dagger	1			
e, Vision Blocks.	1./	1	╁	╁	1	T	 	
f. DVE Adapter Assembly.	1./	 	\dagger	\dagger	 	\dagger	 	
 Periscope and Support. Check periscope for breaks and chips and support for damage. 	1 /	/				 		
12 Commander's Hatch		700		i iii				
a. Cover and Hinges.	3.7	em 1967年26 /	Se 19630	() ZE	新L 約48	A TRACT	\$ 1.55.00	(A) (A) (A) (A) (A) (A) (A) (A) (A) (A)
b. Torsion Bar.	1	/	\top	\dagger	+-	十	+	
c. Laiches (open and closed).	+	+	+-	+-	+	+-	+	
d. Seals and Pads.	- Y	_	+	+	+	1	+	
e. Vision Blocks.	┨.	/	+	-	+	+	+	
13. External Exhaust system. Check the external muffler, muffler guard, for damage and operation.								
a. Mufiler.	+		-	+	1	+-		
b. Guard.		7	+	+		+	+	
	1 1	/ i	1	•	ł	1	1	

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
 Ventilation Exhaust Outlet. Check ballistic cover for damage and tight retaining screws. Check screen for damage. 								·
15. Overhead Protection Kit (OPK).			-	7 4			-	**************************************
a. OPK Tiles.	~/							
b. Torsion Bar Assist Mechanism (TBAM) Cover.	1/							artika maha si kema kun kan Zuka ita kan kan kanifi kan kan kan kan kan kan kan kan kan kan
c. TBAM.	Ž							
đ. Bosses.	./							
16. Cargo Hatches.	Ŭ	51.	1 1			11		
a. Covers and Hinges.	\							
b, Torsion Bar.	1							
c. Latches (open and closed).	./							
d. Seals.	1./							
_17. Antenna Mounts.		19 7						
a. Receiving Mount.	/	weine						
b. Port Sending Mount.	1							
c. Starboard Sending Mount.	1/							
d. PLRS Antenna Mount.	1							
e. DACT Antenna Mount.	1/							
 Sea Tow Quick-Release. Check assembly for damage and proper operation. 	V							
Engine Compartment (Forward)	124		23.34 3.23	1.5			3.5	
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.	V			Π				
b. Bow Pod Access Cover.	/					T		
c. TACNAV sensor.	1/					1	1	
2 Intake Plemm Actuating Cylinder.	-				1	1	and the same of th	337
a. Cylinder.	1./		1		-		1	
b. Hydraulic Hoses.	17		1	 	Ť	Ť	1	1

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace		Remarks MUST be Included if unserviceable.
-4. Cooling ran			基础	(1) (3) (3)		蒙古 漢記	部就	
a. Guard.								
b. Shroud.								
c. Fan.								
d. Bearings.								
e. Belt Adjustment.	/				{			
f. Seals,	V							
g. Fan Cartridge Bearing.	1/							
ā. Drain Tube.	V						<u> </u>	
5. Surge Tank		.5° 3.533	\$ 100 mg	建	(本語) (本語)	14. 15 14. 15	を変え	
a. Tank.	\checkmark							
b. Valve.								
c. Hose and Tubes.	V							
d. Mounting Hardware.	V							
6. Crew Ventilation.	<u>√</u> 6−.							
a. Ducts. Clamps, and Hoses.	V							
b. Drain Tube.	V							
7. Control Linkages.						i j	3 7	
a. Brake Linkage.								
b. Steering Linkage.	1/	1						
c. Throttle Linkage.	V							
 d. Brake Flood Control Valve Linkage. NOTE Make sure flood valve spindle moves freely. 	\/	,						
e. Engine Compartment Exhaust Fan Linkage.								
 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		1	T	
a. Bulk Head Connectors.	1,,	1					T	
b. Fower Plant Wiring.	1	/					T	
e. Crew Vent Fan.			T					
d. Electrical Bilge Pump.	TV	1			1			
£3. Flydrostatic Steering Disconnect Levet. Check lever for correct operation, damage, and wear. Check for leaks.								

									
NOMENCLATURE/LOCATION	Sattsfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.	
 Precleaner, Check cleaner for damage, loose mounting hardware, and loose clamps. Check screen for damage and debris. 	V								-
 Crew Ventilation Fan. Check mounting hardware for looseness. Check ducts and clamps for damage and tightness. 	I								
 Starboard Right Angle Drive. Check oil level. Check mounting hardware for looseness. Check for signs of leaks. 	/	The state of the s							
28. Starboard Right Angle Drive Shaft. Check condition of shaft coupling for damage. Check coupling bolts for tightness and proper safety wire.	/								
 Fan Drive Shaft. Check shaft and coupling for damage or wear. Check safety wire for damage. 			/					Broken Safety V	live
30. Fuel Filler	203	物	虁		3	孋			
a. Fuel Leaks.	17					74 24-152	4:-7-	naze veneral in paragraphic and paragraphic an	
b. Drain Cock/Contamination.	J		1		_				
c. Electrical Leads/Transducer.	$\overline{\mathcal{I}}$		İ		<u> </u>				
d. Mounting Hardware/Air Valve.	17								
31. Power Takeoff Unit.	# XE			iday.		经	- 5/2		
a. Oil Leaks.				A-4	11:40854	SA-SE-SA-	<i>ज़</i> करण	The section of the se	•
b. Mounting Hardware.	./					\vdash	-		<u> </u>
c. Electrical leads/Connections.	1/	1		1-		-	\vdash		-
 Starter. Check that starter is mounted properly. Check electrical leads and connections for damage and proper connections. 	<i></i>								.
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.	/								-
 Exhaust Manifold (starboard side). Check for cracks, holes, and corrosion. Check mounting hardware for tightness. 	\ <u></u>								_

					1	Γ		Γ
NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
11. Port Final Drive				變		美	Š	
a. Oil/Oil Level.	1			1112		13.23.2		
b. Oil Leaks/Seals.								
c. Mounting Hardware.	$\overline{}$					-		
d. Speedometer Adapter/Cable.	<u> </u>							
 Port U–Joint. Check for wear, tight screws, and proper safety wiring. 	✓							
 Port Hydraulic Bilge Pump. Check for oil leaks, loose mounting hardware, damaged screen, and debris. 	✓							
 Bilge Pump Bypass Valve. Check for oil leaks, loose mounting hardware. and damaged electrical connections. 	V							
 Plenum Solenoid Valve. Check for oil leaks, loose mounting hardware, and damaged electrical connection. 	\checkmark							
16. Bow Plane Hydraulic tubes. Hoses and Fittings. Check for leaks, loose fittings and loose mounting hardware.	\checkmark							
 Fuel Manifold. Check for fuel leaks and loose mounting hardware. 	/							
 Forward Engine Compartment Fire Extinguisher Discharge Nozzle. Check for damage and debris. 	/							
 19. Port Lateral Drive Shaft. Check shaft for damage and coupling for tight mounting screws and proper safety wire. 	V	,						
 Port Right Angle Drive. Check oil level. Check mounting hardware for looseness. Check for signs of leaks. 	\ \							
21 Siarboard Final Drive.		1 整	· · · · · · · · · · · · · · · · · · ·	经	被	学	10 成	the section of the se
a. Oil/Oil Level.	1	/	T					
b. Oil Leaks/Seals.	1/	/						
c. Mounting Hardware.	V	/	\int					
 Starboard U-Joint Check for wear, tight screws, and proper safety wiring. 	V							
23 Starboard Lateral Drive Shaft. Check shaft for damage and coupling for tight mounting screws and proper sufery wire	V							
24 Starboard Electrical Bilge Pump. Check screen for debris and damage. Check mounting hardware for nightness.		/						

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
35 Transmission Check for overall cleanliness and damage:						海豚		
a. Leaks.	3/			34,20				And the second s
 Torque converter to engine mounting screw for tightness. 	/							
c. Range selector valve for leaks and safety wire.	1							***************************************
d. Oil Leaks.	V							
 e. Left and right brake and steer sections for leaks and loose mounting bolts. 	V							
f. Check brakes for proper adjustment.	1/				1		-	
g. Check transmission drain line for leaks, damage, and loose drain plug.	1							
VI. Engine Compartment (Aft)	100	1430	響		變	200		
 Exhaust Plenum. Check actuating cylinder and oil lines for leaks. Check condition of plenum seal. 	J							
Components Bolled on to the Engine "Check for light of mounting hardware; proper electrical connections, damaged hoses and electrical leads, and leaks."			治療療	会議を	· 表现 对			
a. Turbocharger.	1/	1						
b. PT Pump.	1/							
c. Exhaust Manifold (port side).	1							
d. Engine Oil Cooler.	1							
e. Engine Oil Filter.	1							
f. Intake Manifold,	1							
g. Smoke Generation Components.								
h. Cold Start Components.	V	T	1			Τ	Ī	
i. Crankcase Breathers.	1							
3. Transmission Oil Filfer.	1 2 3	EV 100	4 4 E/A 3 (A)	1957	~ (%)	12/5	新疆	PARTY OF THE PROPERTY OF THE PA
a. Mounting Hardware.	17	1	\top	1			1	
b. Leaks.	17	1		1	1	1		
c. Check Electrical Connections.	17	1				1		
4 Engine Oil Level. Check for correct level and signs of contamination. Check dipstick for damage.	V	1	-					
5 Transmission Oil Level. Check for correct level and algos of contamination. Theck fill tube and dipstick for damage.	V	/						
 Tachometer Drive Shaft. Check for adapter and cable damage. 	V	1			· · · · · · · · · · · · · · · · · · ·			

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
 Radiator. Check for radiator damage. Check for water leaks on radiator and coolant tubes. 	$\sqrt{}$							
 Exhaust System. Check condition of insulation. Check for loose mounting hardware and damaged scavenging system check valve and for leaks. 	✓							
 Engine Compartment Exhaust Duct. Check for cracks or other damage. Check mounting hardware and clamps for tightness. Check tubes for proper mounting. 	✓							
10. Engine. Check overall condition of engine for cleanliness and fuel, coolant, and oil leaks.	\checkmark							
11. Generator.				讔	100	變		
a. Bracket and Hardware.	1/							
b. Pulley and Belt.	\/							
c. Adjustment.								· ·
d. Voltage Regulator	V							
12. Water Pump. Check for leaks	建	3.5		200 200 200	蓬		変が	
a. Pump.	/							
b. Hoses and Tubes.								
c. Belt and Adjustment.	\/							
 Fire Extinguisher Discharge Nozzle. Check for damage, debris. and condition of safety wire. 	\checkmark							
14. Engine Oil Heat Exchanger. Check mounting hardware for tightness. Check for oil leaks. Check electrical leads for damage and tight connections.	V							
 Cold Start Disconnect Lever. Check for proper operation, damage, and corrosion. 								·
16. Hydraulic Reservoir	\$ 28		· 网络		は意	影響		
a. Oil Leaks.	1/	1	T			T		
b. Mounting Hardware.	1/			1		\top		
c. Oil Level.	17		1		T	1		
d. Dipstick for damage.	1./	1	1	1	1	1	1	

NOMENCLATURE/LOCATION	Salistactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
H. Troop Compartment		貜			蘊			
NOTE								and the second
Before inspecting though compartments open cargo hatches. Sound from and lower ramp								
12. Engine Companioent Access Covers (aii). Check all	開發		製造			超速	建	
thumbscrews and clamps for damage and operation. Check covers for correct mating and damage.								
a. Aft Upper,	V							
b. Aft Center.	1	Li l				Ù.		
c. Aft Lower	V					- 1	1	
d. Port Upper.	V				F	1-1		
e. Port Lower.	1							
f. Smoke Generation.	/							
Smoke Generation Fuel Control Valve. Check to see if valve operates freely. Check for any damaged components and leaks.	1					3		
3. Engine Compartment Fire Extinguishers	数		基础	52	3/5	27.0	550	
a. Bottle and Tag.	1	1.1				III		Tag O
b. Control Valve.	V							
c. Clamps.	V							
Troop Ventilation Outlets. Check for free movement and damaged louvers.	V							3.5
 Coolant Bypass Tube. Check to see if tube is mounted properly in retaining brackets. 	V	1						
6. Air Clearer Compartment	艦	麵	觀		湿	器	- 200	企业企业
a. Access Doot.	V		5	-		-		
b. Retaining Brackets.	V							
c. Element.	100					V		
d. Compartment.	V							
Right Angle Drive Access Cover. Rotate weapon station to gain access to cover. Check cover for proper mating and duringe.	V							
: Starboard Longitudinal Shaft Coven Check for dunings. Check for loose mounting hardware.	V							
Francourd Lought office Short. Cheek short for damage and coupling the light comming scients and proper sufers whe.	V							

						- -		
NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
10. Fuel Tank Drams: Check both valves for proper	100							
operation. Check fuel lines and fiftings for leaks. Check manual shutoff valves to make sure the handle storates freely.								
a. Internal Fuel Tank Drain.	V			**************************************				
b. External Fuel Tank Drain.	V			.,				n de de la companya del companya de la companya del companya de la companya del la companya de l
c. Fuel Lines and Fittings.	/	ATT ACCOUNT.		4000000				popujuma manadada massaka mita da diski shi selime vi ili pekanangan pamaman ayan pamaman pamaman pamaman pama
d. Manual Shutoff Valve.	V				{			
11. Fuel Tank	Allowers Livery Livery Livery	Area Total	-1945 1955		100 m			
a. Electrical Leads.	V							
b. Leaks.	V							
c. Retaining Straps.	W							
d. Breather Cap.	V							
12. Troop Seats.	576 1172	语数	饕	2000 空初		- A. C.	Tree leaves	を受けるという。 「大学学生」では、 「大学学、 「大学会、 「大学学、 「大学学、 「大学学、 「大学学、 「大学学、 「大学会 「大学会 「大会 「大会 「大会 「大会 「大会 「大会 「大会 「大
a. Hinges.	/				Ţ			
b. Supports.	V							
c. Seat Pans.	V							
d. Cushions.	/							
e. Safety Belts/Straps.	V							
f. Adjusting Rods.	1							
13. Interior Stowage.	1.5m 1074	A2121	4 素種 (2.0)	*	z <u>主</u> 字 (4)	\$5.00 \$1.00		(1)
a. MG Cleaning Rod Bracket.	/							
b. Rifle Brackets.	/							
c. Water Can Supports.	1							
d. Seat Stowage Supports.					7			Fwd Bottom M
e. DVE Container.	V	T	Τ	Т				
f. Portable Fire Extinguisher Bracket.	V			Τ		T		
g. Paniphlet Stowage Rack.	7		1	1				
h. Ammo Box Bracket.	V		T	T		\top		
i. Hand Oller Bracket.	V	T	1	T		1		
j. Tool Box Stowage Support.	V		-	T		T	\top	
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 dumage.	V	-						

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NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	. Remarks MUST be Included if unserviceable.
15. Batteries		無 を を を を を を を を を を を を を を を を を を を	蠹					
a. Battery Box Cover.	V							A STATE OF THE STA
b. Holddowns.	V							
c. Cables and Terminals.	V							
d. Battery and Terminal Posts.	1							
€. Battery Box Drains.	W		<u> </u>					Annual Annual Annual Annual Annual Annual Annual Annual Annual Annual Annual Annual Annual Annual Annual Annual
f. Battery Instruction Plate.	U							
 Radio Guards. Check guards for damage and loose or missing mounting hardware. 	/							
17. Deflector Actuator Guards Check guards for debris and damage. Check mounting hardware for tightness.	がり 機体 を存む	(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	· · · · · · · · · · · · · · · · · · ·	5	では	建筑建设		
a. Port .	1							
b. Starboard.	V							
18. Waler Steer System Components		できた。 を と が立 されない	2.18 E.18	10 m 2.75 m 2.46 m	\$25 \$2.50 \$2.50 \$2.50		100 mg	
 a. Water-Jet Deflector Position Sensing Module (port and starboard). 	V							
b. Water-Jet Deflector Servo Module (port and starboard).	V							
с. 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	- 12-18-18-18-18-18-18-18-18-18-18-18-18-18-	ا جامعت پاندان	200 S	440		2 = 12 2 = 12 2 = 12	基	Andrew Control of the
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							
 Troop Ventilation Outlets. Check for free movement and damaged louvers. 	V							
 Ramp Lock Linkage. Check to see that linkage does not bind. Check for bent or warped linkage tods. 	V					and the same format from		

NOMENCLATURELOCATION Remarks MUST be included if uncerviousble.									
and spongy condution a. Ramp Seal. Check mating with hull in closed position. b. Vision Block Cover. c. Skid Bars d. Quick-Release (Visual Only). e. Tow Pintle Release. 25 Deck Plates a. Deck Plates (port and starboard). b. Center Deck Plate. c. Contact Cooler Bleeder Valve Access Cover. d. Bilge Pump Access Cover (port and starboard). e. Tiedown Rings. NOTE Remove troop compartment deck plates before continuing. 26. Contact Cooler. Check that bleeder valve is not frozen. Check for signs of leaks. 27. Torsion Bars. Check torsion bars for damage. 28. Ramp Cylinder and Cable. 29. Hydraule Bilee Pump. a. Bilge Pump. b. Outlet rabe. 30. Dischiric Bilge Pump. a. Electric Pump. b. Outlet Tube. 31. Bilges. Check for cleanliness sort devices signs of minoge. a. Brackers and Mounting Hardware. b. Discharge Tub and Nozzles. 52. Fire Extinguisher (17 fb). a. Mounting Hardware. b. Discharge Tub and Seal. c. Tog Date.	NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Wodlfy	
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b. Outlet Tube. 31. Bilges: Check for cleanliness and obvious signs of damage a. Brackets and Mounting Hardware. b. Discharge Tubs and Nozzles. 32. Fire Extinguisher (17 lb). a. Mounting Hardware. b. Discharge Tub and Seal. c. Tag Date.	30. Electric Bilge Pump	189		2 47 G		1		黎	A Marie and Comment of the Comment o
31 Bilges: Check for cleanliness and obvious signs of damage. a. Brackets and Mounting Hardware. b. Discharge Tubs and Nozzles. 32. Fire Extinguisher (17 lb). a. Mounting Hardware. b. Discharge Tub and Seal. c. Tag Date.	a. Electric Pump.	7		1 1144.00	((() ()		1		All Aller And Comments of the American State
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32. Fire Extinguisher (17 lb): a. Mounting Hardware. b. Discharge Tub and Seal. c. Tag Date.		1	-		\dagger	\dagger	+	+	
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b. Discharge Tub and Seal. c. Tag Date		+			+	1	1	+	· i
c. Tag Date		10	 	-	1		1	+	
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1.21 1 1 1 1 1	d. Seal	+	7	1	+	1	+	+	,

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NOMENCLATURE/LOCATION	Salisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
33. Personnel Heater		100	新建	五個	-1-4-6 -1-4-6 -1-4-6		FE	
a. Mounts.	1		(3415	224	254.7	5 - (65)	2-67 (1-1-2)	
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	京					編輯		
coupling for tight mounting screws and proper safety wire.	/							
36. Radio Mounts.	Age A	聲	制能	45E	新秦			を とう かんかん かんかん かんかん かんかん かんかん かんかん かんかん か
a. Check Mounting Hardware.	/							
b. Check Radio Mounts.	/							
c. Check Radio Cables.	V							
37 EPIRS Rack	機械	7.0	物层	学学	12-35	多数	李奕	AND THE PARTY OF T
a. Check Mounting Hardware.	V							
b. Check Radio Mounts	V			<u> </u>	<u> </u>		· ·	
c. Check Radio Cables.	V			<u> </u>				
VIII. Driver's and Commander's Station	diam'r.		7 33L	12.5		**************************************	1 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1	
1. Access Covers.		饕	199		78		100	
a. Hydrostatic Steer Disconnect Lever.	/				<u> </u>			
b. Final Drive U–Joint.	V	<u> </u>			<u> </u>			
c. Hydraulic Reservoir.	/							
Flapper Valve. Check spring tension flapper. Check mounting screws for tightness and damage to flapper.	1	1						·
 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. 								
a. Bracket and Mounting Hardware.	1							
b. Tag Date.		~		1		1		
c. Wire Seal.	V	1	T	1				
Ramp Lock Handle. Check handle and lock for damage and proper operation.	V							
 Ramp Control Valve. Check for damage, loose fittings, leaks, and loose mounting hardware. 	V				- Andrewski			

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NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Яврíасе	Modify	Remarks MUST be Included if unserviceable.
 Fire Extinguisher Discharge Handle. Check handle for damage and unbroken wire seal. 	/	***************************************						
Power Train Switch. Move lever and check for binding. Check bail for damage.	V							
Mode Selector Switch. Check for missing or damaged toggle switch.	V							
 Handle Throttle. Move throttle and check for proper operation. Check linkage and cover for damage. 	~		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					
 Gear Selector. Check console for loose mounting hardware for damage. Check movement of selector through all gear range. 	V							
 Air Cleaner Restrictor Indicator. Check for proper mounting to bulkhead. Check indicator for damage. 						V		
 Auxiliary Instrument Panel. Check panel for loose mounting hardware. Check that gages are securely mounted in panel, and that hose connections are tight. 	/							missing one sorew
13. Accelerator Pedal.		7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	7 (1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	· 经100	操業	97°3	Andrew Committee
a. Mounting Hardware/Brackets.	1	1						
b. Pedal and Pedal Stop Screw.	1							
c. Water Drive Switch.	1							
 Brake Pedal. Apply and release brakes to check binding. 	V					,		
 Parking Brake Handle. Check for proper operation. Make sure that parking brake holds and releases properly. 	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\							
16 Steering Wheel Check wheel for damages Check - operation of wheel tilt Check for binding linkage. Check steering wheel sensing module for loose mounting hardware or damaged wiring	というでは、				を			
a. Steering Wheel.	1./	1	Τ			T		
b. Steering Wheel Sensing Module.	1	1	\top	T	T			

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NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
 Vent Air Hoses, Tubes, and Duct. Check for loose clamps and mounting hardware. Check for damaged hoses, tubes, and duct. 	✓							
 Bilge Outlet Tube. Check tube for damage, hoses for cracks, and clamps for tightness. 	\checkmark			į				•
 Instrument Distribution Box. Check that box is securely mounted, and that cover screws are tight. Check all wiring harness connectors for tightness. 	\checkmark							CONFE CARACTURA AND AND AND AND AND AND AND AND AND AN
 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/							
 Manual Fuel Shutoff Handle. Check shaft for damage and grommets for wear. Rotate handle to check for free operation. 			✓					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							
 Interior Decals and Instruction Plates. Check to see that they are readable. 								
32. tire Extinguishers (MESS and AFSSS). NOTE At this time all fire suppression system aboutles are to be pulled and weighed.	場の対象を		が変えている。	等	の できる できる かんしゅう かんしゅ かんしゅう かんしゅう かんしゅ かんしゅ かんしゅう かんしゅ かんしゅ かんしゅう かんしゅう かんしゅ かんしゅ かんしゅ かんしゅ かんしゅ かんしゅ かんしゅ かんしゅ			
a. Mounting Hardware.	V							
b. Discharge Tube and Seal.	V							
c. Tag Date.	Γ	1.7						No Tag
d. Seal.	1./	1		1		T		
 Drive Shaft Guards. Check guards for damage and mounting hardware for tightness. 	V	1						

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NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
17, Indicator Panel. Check mounting hardware and	· 殊語				400			
grounners for fighiness and damage. Check for loose or damaged switches; lights; and buttons.					湯			over the selected by the selection of
a. Master Switch.	Station 1	-192	Service Control	-SESSIFIC	が発	September 1	464	
b. Lamp Test/Warning Cancel Switch.	/ /	ANTA STORE			! 			Trinitz/Angrapyoganamatahittakanff/ZaskitishhAbb/Rballmanatahittakanff/ZaskitishhAbb/Rballmanatahitmanata
c. Horn Bution.	/							i. Department op general od kontrol de die de de de de de de de de de de de de de
d. Panel Lights Brt/Dim Switch.	./							
e. Cold Start Switch.	./							
f. Starter Button.	V /		-				 	
g. Light Switch.	1/			-	-	1		
h. TACNAV Indicator.	V					./	T	20 Pins
i. Tachometer.	1.7					ľ		
j. Speedometer.	17						\top	
k. Smoke Generation Indicator Light.	./						1	
1. Smoke Generation Switch.	1.7				1	1		
m.Forward Electric Bilge Pump Switch.	\/	 				\top	\top	
n. Aft Electric Bilge Pump Switch.	1		1				1	
c. Aft Electric Bilge Pump Indicator Light.	J				İ	T	1	
p. Forward Electric Bilge Pump Indicator Light.	1/		1	T	1	1	\top	
q. Aft Hydraulic Bilge Pump Indicator Light.	1/	1		十		1	1	
r. Forward Hydraulic Bilge Pump Indicator Light.	V			1	1	1	十	
s. Ventilation Switch.	$\frac{1}{\sqrt{2}}$	1	 	╁	╁	╅	1	
18. Driver's Display Unit. Check for cracked glass and moisture. Check that unit is securely mounted in indicator panel.	V							
NOTE Bar scales and warning lights will be checked during the operational portion of preinduction.	/							
19. Bow Plane Control Valve. Check for damage, loose ธัสเทฐร, leaks, and loose mounting hardware.		1						
 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. 		は電視を	を記録される	一八五十二十五十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二		を できる かっこう かっこう かっこう かっこう かっこう かっこう かっこう かっこう	A March Co.	
a. Driver's Outlet.	1							
5. Commander's Outlet.	$\sqrt{}$							

NOMENCLATURE/LOCATION	Sallsfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable,
Equipment Operation								
1. Start vehicle, check operation of the following:	變	霾			E			
a. Master Switch.	/							
b. Hom.	i/							,
c. Fuel Level Indicator.	√							
d. Battery Generator Indicator.	\checkmark							HEEL DA. GOOD CO. AS ENGINEERE AND ADVOCATION OF COLUMN PROPERTY OF THE PROPER
e. Electric Bilge Pumps (forward and aft).	$\sqrt{}$							and the second s
f. Panel Lights (brt/dim).	\checkmark							
g. Display Panel Warning Lights.	V							-
h. Vent Switch Low Position.	√							
 Perform Diagnostic Test Equipment checks in accordance with TM 09674A-25&P/4, (See worksheet at the end of this Appendix). 								,
Vehicle Stall Check. With brakes locked, and gear selector in 4th gear, accelerate fully and check the following:		のでは、						
a. Brakes.	V		_				<u></u>	
b. Transmission.	<u> </u>			<u> </u>				
c. Engine. RPM.	V							2390
 d. TACNAV Indicator. Check that system powers and display works. 						<u> </u>		Connection 1
4. Lights, Check that lights work properly.			ランド 子 直接	经	100円		100	The second second is a second
a. Light Switch.	1/							
b. Service Drive.	V							
c. Dimmer Switch.	1,/							
d. Blackow Markers.	1/		T					
e. Stop Light.	1	4						
f. Park.	T/		Ī					
g. Searchlight.	T					T		
h. Literior Dome Lights.	T		1,/	/		T		Drivery Station-White
 Driver's Viewer Enhancer (DVE). Check that power system works. 								
Lamp Test, Warning Cancel Switch. Check audio signal with proper comm behnet.	\ \	1			Ì			

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NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
X Functional Road Test	灐			是" 没			影響	
1. Steering. Check operation and drift.	7							
Gear Ranges. Check for slippage and that lockup works properly.	1							
3. Smoke Generation. Check for correct operation.	V							
 Brakes. Check to see if brakes pull to one side or the other. 	V							
5. Speedometer. Check for correct operation.	abla							
6. Noises. Check for any unusual noises.	11							
XL Water Systems Test	1			感	200	靏		
 Plenums. Check that plenums close completely. Fan shuts off. (Para. 8–13) 	V							
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							
5. Bow Plane Operation	\$ 450 \$ 500 \$ br>500 \$ 500 \$ 500 \$ 500 \$ 500 \$ 500 \$ 500 \$ 500 \$ 500 \$ 500 \$ 500	722	织		12.例 2. 数据 3. 被距	\$ 00 \$ 00 \$ 00 \$ 00 \$ 00 \$ 00 \$ 00 \$ 00	# # P	
 a. Control Valve. Check for proper operation and leaks. 	L.							<u>.</u>
 b. Bow Plane. Check that it fully extends and retracts. 	V	,						
 Pivot Actuator. Check for leaks, unusual noise and smooth operation, 	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

TAC No. 3-11-01 USMC No. 52	<u>J</u>	5	19		Mi	les _	12	225 Hours 272
Dan inspection (COC)	pecu				(b)	(3),	(b)(6)), (b)(7)(c)
*See Table C-1 for UG	1 2 W	Dead	lline	Crit	eria.			_
NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
L. Basket Weldment			ا با بیو		રેન્ ±36* રેન્-રેન્ડ્રે	5 B	475. 1857	And the American Control of the Cont
Basket Weldment Clearance.		and Wallet						
 a. Area around sides of basker weldment clear of obstructions. 		Ì						
 b. Area around 12 channel slip ring clear of obstructions. 	/							
2. 12 Channel Slip Ring.								
a. Electrical connectors tight and in good condition.								<u></u>
b. Upper portion of 12-channel slip ring rotates freely.	1							
c. Marmal and electrical weapons station operation.	1/							
³ Power Relay Assembly.								
a. Box secure to bottom of basket.	1/						 	
b. Electrical connectors tight and in good condition.	1/							
4. Basket inspection								
Seaf belt secure, latch working properly, belt in good condition.								
b. Stowed items do not overhang basket.								
 Seat in good condition, locks in all height positions, secure in basket assembly. 		•						
II. Weapons Station Interior						ĺ		
1. Turret Power Control Assembly.								
a. Box cover secure. Box secure to basket weldment.		/					1	D 28615
 Electrical connector tight and in good condition. 	1	İ		T	Ť		Ť	
2. Weapon Control Assembly.						Τ	1	
a. Box cover secure. Box secure to basket weldment.	1/				1			
b. Electrical connector tight and in good condition.	IV							

NOMENCLATURE/LOCATION	Satisfactory	Missing					Modify	Remarks MUST be Included if unserviceable.
3. Traverse Switch Assembly	知识	經濟	100 PM	類		1	8	
a. Box cover secure to basket weldment.		\checkmark	$\sqrt{}$				(@2 holls/Losse
b. Electrical connector tight and in good condition.	/							
4. M36E-TSS Periscope	100	\$4E	1999		·		統	
Mounting Screws. Check screws for security. Check sight is secure to turret weldment.	\checkmark							
 b. Sight. Check for moisture in window and in mirror. Check condition of glass. 	1							
 c. Sight Eyepieces. Check for moisture, condition of reticles, condition of eye-piece pads, and proper operation. 	\checkmark							
 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. 	1							
 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.	V							
Sight Power Electrical Connectors. Check that electrical connectors are in good condition.	V							
 j. C'heck for cracks, dents, burns and chipped paint on housing. 	\ <u>\</u>	1						·
 k. Check that valve cap is tight and retaining strap is not broken or missing. 	/	1						
 Check that both knobs on elbow assembly move freely from LO to HI position. 	V							
m. Check that lamp holder is tight and packing is installed.	/							
 n. Check that plug or shutter switch is present. If missing, notify supervisor. 	1							
 Check that all boresight knobs move freely, and scales can be easily read. 	V							
 p. Check ID plate for damage and if it can be easily read. If plate cannot be read, notify supervisor. 	V	1						
 q. Check that shutter switch will not move to ON without pushing safety button first. 								
 r. Check that valve cap strap is not damaged or missing. 	V	1						
 Check that all screws are tight on mounting hardware. 								

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NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	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. 	\checkmark							
50 Caliber Ammo Ejection Chute. Check for condition and security. Finsure that chute is clear of debris.								
 a. Check ejection-chute hose for security and condition. 								
 b. Spent-Cartridge Box. Check security and condition. Check operation of latches. 	$\sqrt{}$							
 Equilibrator. Check for corrosion, security and adjustment. 	V							
8 50 Caliber Ammo Feed System	200					- Tage		を表現している。 では、 では、 では、 では、 では、 では、 では、 では、
Check security and condition of .50 caliber ammo rays.	$\sqrt{}$							
b. Check security and condition of roller guides.	1			Γ	Π			
9. 40mm Ammo Feed System.	變	譹	ASSESSED NO.	湿熱		霜	變	新疆 了"这个"等于"这种"的意思。
 Feed Chute. Check for dents, corrosion and or damage. 	V							
 b. Check feed—chure cover for tears, holes; zipper must move freely. Check attachment points for security and condition. 	V							
c. Check anti-feedback lever for condition and security.	V			1				
10. 40mm Ammo Bax Assembly:	188	翳	1	· 题			遵	· · · · · · · · · · · · · · · · · · ·
Check security and condition of box, doors, and flaps.	\checkmark							
b. Check operation of latches.	V		T	1	T			
 c. Check that electrical connector on last—round switch is light and in good condition. 								
 40mm Charger Assembly. Check condition and security of charger tube. 	V							
12. 40mm Manuet.			ţ a.	Ì Á	秦 (3)	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
a. Check condition and security.	V	1		T	1		T	
b. Check operation of cover latches.	1.7	1		1	\top	\top	\top	
 .50 Caliber Mantlet and Cradle. Check condition and security. Check for damage, cracked welds and bare metal. 	\ <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/Log
 Elevation Control Assembly. Check for security and condition. 	V	1						

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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.	V			****				The state of the s
 Grenade Launcher Inhibit Switch. Check for security and condition. Check that electrical connector is tight and in good condition. 	V		***************************************					
 Elevation Interrupter Switches. Check for condition and security. Check that electrical connectors are tight and in good condition. 	√							
 Utility Light. Check that light and electrical connector is secure and in good condition. 	1							·
21. Communications Box	#3/45 2770	534°			蠹	多异型 分割数	133	
 a. Check that electrical connector is tight and in good condition. 	/					,		
b. Check for security and condition.	1/							
22. Weapons Station Inspect for damage, security and clarity.	186 186 186			物源	接続	報源		
 a. Vision Blocks. Inspect for damage, security and clarity. 	\checkmark							
 Ring Gear. Inspect for damage and corrosion. Should be clean and no grease. 	/							
23. Halch	(新聞) (新聞)	記念	疆	198	3637	() () () ()	2.数 3.数	
 a. Seal, Hatch, Hinges. Inspect for damage, loose hardware and proper operation. 	/							
 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). 	/							
 Hatch Handle. Check security, condition and proper operation. 	V							
d. Crash Pads. Inspect pads on hatch and weapons station for security and condition.	V							
24. DAGR		1			7.A 五卷	1 1017	13	
 a. Check that electrical and antenna connections are tight and in good condition. 		V						
b. Check for security and condition.	+-	1	1-	+	+	+	╁	

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NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
Weapons Station Exterior.								
 Receptacle, Spot Light. Inspect for corrosion and damage. Check that cover fits securely and is tight. 	\checkmark							
2. Mount, Spot Light. Inspect condition and security.	\checkmark							Q.,
3 Smoke Grenade Laupchers	鑫			がA 数字	1	70 PM		AND THE TENNESS OF THE STATE OF
Tubes. Inspect sight tubes for dents, cracks or corrosion, and security to mounts. Check security of mount to turnet.	√							
 Electrical Contacts. Check that contacts are tight and free of corrosion. 	\checkmark							
c. Rubber Caps. Check sight caps for condition.	\checkmark							
 Entrance Window: Inspect condition and security. Look for signs of moisture. 	✓							
Sight Cover. Inspect condition and security.	1							
 40mm Mantlet Cover. Check for security and condition. Check operation of latches. 	√							
 Remote Antenna. Check security and condition of cover. 	\checkmark							
IV. Functional Tests:	NAME:	鎏	1988	縹	188	続	奲	
Mamial Operation. Check for weapons station binding. and backlash.	遊戲	21/2 21/2 21/2 21/2 21/2 21/2 21/2 21/2	· · · · · · · · · · · · · · · · · · ·	が 対策 単純				
a. Azimuth. Check movement through 360 degree clockwise and counter-clockwise.								
 b. Elevation. Check for +45 degree maximum elevation and -8 degree maximum depression. 								
 Powered Systems Test Vehicle master switch and tirret power switch ON 'Check operation as noted.' 								
 a. Control Box Lights. Check that control box lamps light when turnet power switch is ON by pressing lamp test all button. 			V					Smoke Grenade Light (I)
 Domelight. Lights in both blue and white switch positions. 								0
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	1						
e. Spot Light. Install and check operation.	\/					T		
f. Exhaust Blower. Check operation.								

NOMENCLATURE/LOCATION	Satisfactory	Missing					Modify	Remarks MUST be Included if unserviceable.
3 Low Animo System Test	3.78 3.78 3.78	新黎 (218)	新疆	· 经 经		100	鬻	
 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. 			$\sqrt{}$					Gunner -
 c. Last-Round Switch OFF. Last-round indicator light OFF, override switch down, triggers work. 			$\sqrt{}$					Switch (1)
4 * Weapons Station System: Perform test as prescribed in : Section 3		湯			温馨			
a. Manual Elevation. Check operation.	V							
 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		1-4/	76.表 14.65	越	1	縺	-25	
a. Tubes. Check that they are clear of grenades.	1/							,
b. Contacts. Check for 24 volts at eight fixing pins inside of tubes on smoke grenade launchers. Turret power switches ON, smoke grenade switch ON, hatch in closed and locked position and grenade fixing switch depressed.	/	1						
6. DAGR Operational Tests Refer to TM 11-5820-1172-137								and the second s
a. Check that DAGR passes self-test.		1.1	1_					
b. Check that DAGR is using vehicle power.		1	1					
c. Check that DAGR is using remote antenna.		1	1					
d. Check functioning of DAGR screen back lighting.	\prod	[1					

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	5985-01-376-7934	523519	2	z	29916748	∢	\$36,43	\$72.85	
-	5340-01-381-5666	523519	7	z	29916748	∢	\$13.19	\$26,38	
E08467K WIRE ROPE ASSEMBLY, Single Leg; PN A3207523-1 CAGE 80063	4010-01-381-1581	523519	2	z	29916748	∢	\$9.31	\$18.62	
	5340-00-586-7579	523519	14	N	29916748	٧	\$2,89	\$40,45	
E08467X STRAP, Webbing: 30 in. (g; PN 8690471 CAGE 19204	5340-00-753-3742	523519	15	N	29916748	٨	\$1,51	\$22.65	
	5340-00-753-3744	523519	G	z	29916748	<	\$2.18	\$19.62	
E08467K STRAP, Webbing; 42 in. lg; PN 8690475 CAGE 19207	5340-00-339-3768	523519	1	Z	29916748	₹	\$16.41	\$16.41	
E08467K STRAP, Webbing; 60 in, lg; PN 8690481 CAGE 19207	5340-00-958-6917	523519	2	Z	29916748	∢	\$6.23	\$12.46	
E08467K STRAP, Webbing; 72 in. lg; PN 8690484 CAGE 19207	5340-00-949-8637	\$23519	9	z	29916748	4	\$6.96	\$41.76	
E08467K STRAP, Webbing: 76 in. lg: PN 8690485 CAGE 19207	5340-00-479-2947	523519		z	29916748	⋖	\$5,84	55.84	
E08467X STRAP, Webbing: 84 in. Ig: PN 8690487 CAGE 19207	5340-00-894-9542	523519	7	Z	29916748	<	56.78	513.56	
E08467K 5TRAP, Webbing: 88 in. Ig: PN 6690536 CAGE 19207	5340-00-182-9631	523519	<u> </u>	z	2916748	×	\$6.15	\$6.15	
E08467K STRAP, Webbins: 100 ln. R: PN 8690539 CAGE 19207	5340-01-078-3808	573519	-	z	29916748	×	60 EX	\$3.09	
E08467K BAR, Prv: 0.3 1b: PN 8107-410 CAGE 05047	5120-01-355-2064	5,235,19	-	z	29916748	4	50.05	50.05	
E08467X BATTERY Nonrechargeable 1.5 v. "C" cell for Polican light pn 144 C45E 80004	6135-00-985-7846	573510		2	29916748	4	\$6.21	550 AB	
E98467K BATTERY Moneychargoshler 1 & v. "f" sell-fox flashlighte 201184 CAGE 80004	6135,00,835,7310	053653	9 0	2	20416748		\$0.00	00 363	
EDB467K INRIT PIN Trade PN 2500157-1 CAGE 80064	2420-01-01-026	25252	-	2 2	20016748		2000	000000 0000000000000000000000000000000	
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TOWARD HIDIST, WHE KAPE: FIN 4ULU-ZU LARE 93601	3950-01-0/1-1/46	523519	-	z	85/91657	4	\$265.46	\$265.46	
E0846.7K KNIFE, PUITY: PN 5120-00-221-1536 CAGE 80244	5120-00-221-1536	523519		Z	29916748	∢	\$5.11	\$5.11	
	6240-00-019-3093	523519		z	29916748	⋖	\$0.34	\$0.34	
E08467K LUBRICATING GUN, Hand: PN 1142 CAGE 1PL57	4930-00-253-2478	523519	***	Z	29916748	⋖	\$11.67	\$11.67	
E08467K OH.ER, Hand: PN A50477-A5-D-D CAGE 58536	4930-00-262-8868	523519		Z	29916748	∢	\$6.47	\$6.47	
E08467K PADLOCK: PN A-A-S9487-1BC CAGE 58536	5340-00-682-1508	523519	-	Z	29916748	4	S7.83	\$7.83	
E08467K RULE, Machinist's: PN 5210-00-234-5224 CAGE 80244	5120-00-234-5224	523519	 	z	29916748	¥	\$20,36	\$20.36	
E08457K SPOTLIGHT: PN 7010268 CAGE 0MLM6; c/o	6220-01-486-3602	523519	<u> </u>	z	29916748	⋖	\$763.09	\$763.09	
E08467K SOCKET, Socket Wrench: 15/16 in., 3/4 dr. PN LDH302 CAGE 55719	5120-01-378-4933	523519		Z	29916748	<	\$31.25	\$31.25	
E08467K SOCKET, Socket Wrench: 1-1/8 lh., 3/4 dr. PN LDH362 CAGE 55719	5120-01-378-5543	523519	-	z	29916748	4	\$16.90	\$16.90	
E08467K 1 - ROLL, Tools And Accessories: PN SJ12-567 CAGE 82141	5140-00-106-5671	573519	-	2	29916748	4	\$10.64	\$10.64	
E08467K 1 - EXTENSION Socket Wrench: 1/2 in, dr. 10,000 in, ler PN 12-924 CAGE 636500	5120-00-227-8074	673579	-	z	29916748	4	\$4.57	\$4.57	
E08467K 1 HANDALS, SINKER WORLE, 172 III, do surf. Hipport, D (HID in Ig 100s), PN 13 06 (H) 13 CAGES AAGG	\$12040-236-2590	523519		z	29916748	4	\$13.27	\$13.27	
E08467K 1 - 50CKET, Socket Wrench: 15/16 in. vr surf; 1.300 in. od. inti-intl; 1/2 in. dr surf; 1.2 ot vr surf; 1.760 in. le: PN	5120-00-189-7935	523519	<u> </u>	z	29916748	4	\$2.64	\$2.64	
E08467K WRENCH, Adjustable: 18 in. lg; 2,062 wr surf.; PN B107.8 CAGE 05047	5120-00-240-1414	523519	 	z	29916748	⋖	\$65,11	\$65,11	
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	523519	1	z	29916748	æ	\$9.50	\$9.50	
E08467K ANTENNA ELEMENT: Protocutve Cap Included; PN A3207497-1 CAGE 80063; c/o	5985-01-376-7934	523519	~	z	29916748	∢	\$36.43	\$72.86	
ED8467K WIRE ROPE ASSEMBLY, SINGLE Leg; PN A3207523-1 CAGE 80063	4010-01-381-1581	523519	2	Z	29916748	∢	\$9.31	\$18.62	
E08467K KEY, Socket 14ead Serew: 5/32; 0.156 in.: PN AWSD CAGE 55719	5120-01-428-7911	523519		z	29916748	₹.	\$1.37	\$1.37	
E08457K KEY, Socket Head Screw: 1/4; 0.250 in.; PN AW8D CAGE 55719	5120-01-428-7920	523519	1	z	29916748	∢	\$1.37	\$1.37	
E08457K KEY, Socket Head Scraw: 3/8; 0.375 in.; PN AW12D CAGE 55719	5120:01-428:8003	523519	1	z	29916748	⋖	\$2.81	\$2.81	
E08467K STRAP, Webbing: 30 in.; PN 8690471 CAGE 19204	5340-00-753-3742	823519	7	Z	29916748	4	\$1.51	\$3.02	
E08467K STRAP, Webling: 36 in.; PN 8690473 CAGE 19207	5340-00-753-3744	523519	4	Z	29916748	Þ	\$2,18	\$8.72	
E08467K STRAP, Webbing: 42 in., PN 8690475 CAGE 19207	5340-00-339-3768	523519	7	z	29916748	¥	\$1.41	\$2,82	
E08457K STRAP, Webbing: 60 in.; PN 8690481 CAGE 19207	5340-00-958-6917	523519	6	z	29916748	< A	\$6.23	556.07	
E08467К STRAP, Webbing: 84 in.; PN 8690487 CAGE 19207	5340-00-894-9542	523519	∞	z	29916748	⋖	\$6.78	\$54.24	
E08467K STRAP, Webbing: 114 in.; PN 8690494 CAGE 19207	5340-00-134-3196	523519	1	z	29916748	4	\$3,56	\$3.56	
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· ·		DOCUMENTS OF PRESERVE

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	56-01-453-7410
NOMENCLATURE	. NIIN / P/N	SERIAL	QTY DEF	REMARKS
IRANSMISSION	01-463-1066	37220808 145082E	CODE	
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SL-3 COMPLETE: YES /NO MODS VERIFIED: (E) /NO	CODES: S - SERVICAE	LE U-UNSERVIC	ABLE M-MISSIN(3
-AST PMCS DATE: 202003	. (8			
COMMENTS:				
	COND	ITION CODE: F	Chipathil ADR	>< \
TIBY PRINT/SIGN DATE: 20200717		(b)(3), (b)(6), (b)(7	()(c)	
		-		ENCLOSURE (48)

i

ASSAULT AMPHIBIOUS VEHICLE (AAV7A1) LIMITED TECHNICAL 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. 3-11-04	MILES 1195									
U.S.M.C. NO. 573445	HOURS 757									
HULL NO. BAM-Y-003	· · · · · · · · · · · · · · · · · · ·	THE STATE OF THE S								
ENGINE NO. 37770808	V 194	W-W-								
TRANSMISSION NO. A5082E	0.0000000									
INSPECTOR'S NAME/RANK	/SIGNATURE	DATE INSPECTED								
(b)(3), (b)(6), (b)(7)((c)	70265413								
NOTE: The following inspection sheets are divide the column which best describes the condition of the control of the condition of the conditio	he item being inspected. For th	pector will place a <i>check</i> in ose items that cannot be								

inspected for any reason, the inspector will make an appropriate annotation in the remarks column.

ENCLOSURE (41)

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MU: Included if unser	
I. Outside of Vehicle (Forward and Port)		2000年 2000年		1000 1000 1000		程序	14.7		
Hull Forward End. Check for damage and bare metal.			 			I Cont	4 2 2		
2. Towing Eyes. (Para. 8–33)	100	1967E	95 E	\$9°71	4.4	海岸	製造		
a. Port.	$\sqrt{}$								
b. Starboard.	$\sqrt{}$								
3. Headlights: (Para 11–32)								14 45 65	经基础的 型量的
a, Port.			<u> </u>						
b. Starboard.									
c. Headlight Guards.				}					
4. Bow Plane: (Para: 10-14)	\$ 34	ža:	120.2	Car.	200 200	100	30	ASSOCIATION CONTRACTOR	
a. Hinges and Mounting Hardware. (Para. 10-17)	1								
b. Bow Plane. (Para. 10-17)	1/1								
c. Hydraulic Tubes and Fittings. (Para. 10-16)	17								
d. Pivot Actuator. (Para. 10-18)	17								
5. Hull Port Side: Check for damage and bare metal.						· 报	100 A. 100 AE		
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)	1./			1					
e. Fairings. (Para. 16-28)	1								
f. Standoff Brackets. (Para. 16–27)	V	-							
g. Hull Bosses. (Para. 16-36)									
6. Port Track Shroud. Check for loose mounting hardware and damage. (Para. 16-28)	V								
7. Port Final Drive. (Para, 7-18)	1.0	20 m				7.4	() () () ()		14 A 147
a. Outer Housing.	V		1						
b. Bolts.	17								
8. Port Sprocket Carrier. Check for loose mounting hardware and damage. (Para. 7–16)						713			
9. Port Sprockets. (Para. 7-16)							7		
a. Inner.	1,7		T-	-		1			
b. Outer.	, /	1		\dagger	1	1	1		

NOMENCLATURE/LOCATION	Sattsfactory	Missing	Service	Adjust				Remarks MUST be Included if unserviceable.
11) Port Track: (Para 7-7) Use track wear gage to measure wear. Mark each miserviceable track shoe								
a. Track Shoes.	N /	- F# 44E	#*^% <u>.</u>	1823, 2 740	= अराहर	APP NAME	-2384 <u>-</u>	All and the second section of the second section of the second section of the second section of the second section of the second section of the second section
b. Track Pads.				<u> </u>			(MB
c. Track Pins.	. /			 				
d. Track Wear.								
e. Track Adjustment.	Ž						ALTO ATTIVITIES	Construction of the Constr
12. Port Road Wheels and Hilbs." (Para 7-12). Circle those mumbers which are unserviceable.	(1) (2) (2)		\$ 100 mm	ASI'V		建	· 经数据 · 数据 · 数据 · 数据 · 数据 · 数据 · 数据 · 数据	
a. Road Wheel Cracks/Damage. 1 2 3 4 5 ó	./							
b. Road Wheel Wear Rings. 1 2 3 4 5 6	\checkmark							
c. Hub Oil Leaks. 1 2 3 4 5 6	V							
d. Hub Oil Level. 1 2 3 4 5 🔞				1				Contaminated
e. Mounting Hardware. ½ 2 3 4 5 6	V	1						
13. Port Support Arms. (Para. 7–13) Circle those numbers which are unserviceable. 1 2 3 4 5 6	√							
14. Port Torsion Bars. (Para 7–13) Circle those numbers which are unserviceable.			※ ※ ※ ※ ※ ※ ※ ※ ※ ※ ※ ※ ※ ※ ※ ※ ※ ※ ※				1000	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)	- 44 - 44 - 44 - 44 - 44 - 44 - 44 - 44			影響	# 352 10 1.54 10 1.54			the state of the s
a. No. 1 Shock.								
b. No. 2 Shock.								
e. No. 3 Shock.	<u>I</u>							
d. No. 4 Shock.	\mathbb{V}							
e. Mounting Hardware.	1							
16. Port Front Single Support Roller (Para. 7-14)		1 75	8 1	25 12				· · · · · · · · · · · · · · · · · · ·
a. Support Wheel Cracks/Damage.								
b. Hub Oil Leaks.	V							
c. Hub Oil Level.	1~	/				_		
d. Mounting Hardware.	1	1					\perp	

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
17. Port Dual Support Roller (Para 7-15)		蠶				指数	泰	
a. Support Wheel Cracks/Damage.								
b. Hub Oil Leaks.	$\sqrt{}$							
c. Hub Oil Level.								
d. Mounting Hardware.	\checkmark							
18. Port Rear Single Support Roller. (Para 7-14)	變	鑾			\$ 621	盏	藝麗	
a. Support Wheel Cracks/Damage.	V							Owney, copy many law and a many for an about the analysis of the control of the c
b. Hub Oil Leaks.	1							
c. Hub Oil Level.	1							
d. Mounting Hardware.	V							
19. Port Slap Guard. (Para. 7–10) Check for wear and loose mounting hardware.								
20. Port Idler Wheel and Hib. (Para 7-9)	變別	孁	1	22.	100	× (5	を開	The state of the s
a. Idler.	/				Ī			
b. Outer Wheel.								
c. Inner Wheel.								
d. Mounting Hardware.								
e. Oil Level.								
21. Port Track Tension Adjuster. (Para. 7-8)	10120 10120		1			1	100	
a. Track Adjuster Support.	\	1						
b. Track Adjuster.	17	1	Ī				Π	
c. Bleeder Valve.	11/						T	
d. Grease Fitting.				T				
 Port Anode. (Para. 8–53) Check for tightness of mounting screw. Make sure there is no paint on anode. 	/							
 Port Midships Bearing. (Para. 9–18) Check for signs of leaks. 	/	/						
24. Drive Shaft. (Para. 9-17) Check for signs of damage.	V			1		T	T	
25. Footman Loop. (Para.) Check for weld cracks.	1							
26. Port Handrails. (Para.) Check for weld cracks.	1./		T					
27. Port Cargo Hatch Supports. (Para.)	i i	N SEA	1 12	ç ti	-		× ×	State of the state
a. Forward Support.	1.	/	1	1	T	\top	1	
b. Aft Support.	1/	/						
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.)	V						T	

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
30. Stowage Brackets. Check for weld cracks.					7.5-17.1011111			damida da da da da da da da da da da da da d
31. Bilge Pump Outlets	類於		鐂	75.0° 2.4°		1	全 資	
a. Hydraulic Pump Outlet.	,/				1900		*C.E. (##)	and the first the second secon
b. Electric Pump Outlet.			.,					
32. Personnel Heater Exhaust Outlet.			学 新			かだ 関数		
a. Outlet Cap.	3/							The Control of the Co
b. Outlet Adapter.								
33. Exterior Fire Extinguistier Pull Handle	序之	31° 53' 48'2	機能	홾	TE.	***	型 (V	
a. Handle.	/							
b. Wire Seal.								
 External Fuel Tank Drain. Check plug for tightness and leaks. 	\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.	/		·					
57. Fuel Tank Pressure Relief Valve Outlet Cover. Check cover and mounting screws for damage.								
 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)			雄	5-25	1.00	影響	23	
1. Taillights.		A	1	2.0	38%		4.2	
a. Port Taillight.	1/	133100	1 3 3 3	1	1.22	-	3.37	Committee of Continue to the State of the Continue Contin
b. Starboard Taillight.	1				1	†	1	
c. Taillight Guards.	1./					╁	1	
 2. Horn. Check for loose mounting hardware, corrosion, and proper electrical connections. 	V							
 Tow Cable Stowage Brackets. Check for cracked or bent brackets. 	V	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.	V		1	1			1	
 Ramp Hinges and Towing Eyes. Check mounting bardware for tightness. 	/							

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
7. Vision Block and Guard	E.	新教	力學	河 陽	本 法 法 法	100	海	全式 (24) 12 12 12 12 12 12 12 12 12 12 12 12 12
a. Vision Block Guard.	20 756.00	1.17 (2.23)	-21-80 15 4.	29,020	199,924	\$400	400,000	Control of the second of the s
b. Vision Block.	V							
-8. Personnel Hatch					の数数	建	200	
a. Personnel Hatch Handle (inner and outer).	3000	7972	1200	1995000	100711006	*ESTIFE	4559B	A CONTROL OF THE PROPERTY OF T
b. Personnel Haich Seal.	1/							CHILLIAN TO STATE AND THE STATE OF THE STATE
c. Hook and Damper.	10	1						Madelade film Gettle-vertice and the sequence of the sequence
d. Mounting Hardware.	νZ	 			<u> </u>			
 Starboard Deflector. Check for warping and cracks. Check mounting hardware for tightness and damage. 	V							
10. Trailer Receptacle	域	188	数	極	18		饕	
a. Cover.	1							
b. Retainer Chain.	V							
 Starboard Reverse Flow Duct. Check for damage and tight mounting hardware. 	/							
12. Starboard Propulsion Unit. Check unit for damage and mounting hardware for tightness. Rotate drive shaft to check for free movement of impeller.	√							
13. Drive Shaft. Check for signs of damage.	1/			1		Τ	T	And the state of t
14. Footman Loop. Check for weld cracks.	1	7		T		T	1	All distribution with the contract of the second second second second section can be a second
15. Starboard Idler Wheel and Hub.			5.0 872		1 18	2 (a) 2 (a)	7.00 2.00 3.00 3.00	
a. Idler.	V							
b. Outer wheel.	V	1		T				
c. Inner wheel.	V				-			
d. Mounting Hardware.	V							
e. Oil Level.	1/				Ţ			
16. Starboard Track Tension Adjuster	1 35 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		F 優先			談談		
a. Track Adjuster Support.	V	1				T		
b. Track Adjuster.	1./			T				
c. Bleeder Valve.	TV		T	T		T		
d. Grease Fitting.	V	/						
 Starboard Anode. Check for tightness of mounting screw. Make sure there is no paint on anode. 	1	7						
18. Starboard Midships Bearing. Check for signs of leaks.	1~	/						

Missing Adjust A	Replace		Included if unserviceable.
19. Starboard Road Wheels and Hubs. Check those			
numbers which are unserviceable		變.	
a. Road Wheel Cracks/Damage.			Slightly Cracked
b. Road Wheel Wear Rings. 1 2 3 4 5 6			
c. Hub Oil Leaks. 1 2 3 4 5 6			
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			ich mannen ich bereicht der under mit en bei dem mit die der until die der until der until der unter der unt
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. Startboard Shock Absorbers.	<u></u>		
a. No. 1 Shock			
b. No. 2 Shock			
c. No. 3 Shock			
d. No. 4 Shock			
e. Mounting Hardware.			
23. Starboard Front Single Support Roller.	變變	高級	を含ませた。 を記載する。 を記載する。 はいましたがある。 では、 では、 では、 では、 では、 では、 では、 では、
a. Support Wheel Cracks/Damage.			
b. Hub Oil Leaks.			
c. Hub Oil Level.			
d. Mounting Hardware.			
24. Startboard Dual Support Roller.	역, 호 - 기	1	· · · · · · · · · · · · · · · · · · ·
a. Support Wheel Cracks Damage			
b. Hub Oil Leaks.			
c. Hub Oil Level.			
d. Mounting Hardware.			
25. Startboard Rear Single Support Rollen	14 9 2	-	,
a. Support Wheel Cravits Damage.			
t Hub Gu Leaks			
e. Hob Oil Level.			
3 Mounting, Haraware.			

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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.					******			<u> </u>
b. Track Pads.	1							
c. Track Pins.	1/							AREA
d. Track Wear.	1./							resident.
e. Track Adjustment.	1./							1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
28. Startoard Sprocket Rings.		105.	27754 3486	14.00 2.000 2.000	T.	が記さ	18 mg	
a. Inner.							1	
b. Outer.	1.7		1					
 Starboard Sprocket Carrier. Check for loose mounting hardware and damage. 								
30. Starboard Final Drive.	i de	3.5	4.24	整建 3.5	130	海水	\$35 5	· 1000年 100
a. Outer Housing.	1/							
b. Bolts.								
 Starboard Side Pontoon. Remove drain plug and check for water. 								
 Starboard Track Shroud. Check for loose mounting hardware and damage. 	/							
33. Starboard Bilge Pump Outlets.				1 0 0 0 4 50 1	120			
a. Hydraulic Pump Outlet.	1/		1	1		\top		
b. Electric Pump Outlet.		1		T				
34. Stowage Brackets. Check for weld cracks.	V		1					-
 Heater Exhaust Outlet. Check for loose mounting hardware and damage. 	1							
36. Starboard Cargo Hatch Supports.		- 1			# (일 주 (및			
a. Forward Support:	1.		1	1			1	
b. Aft Support.	1,	1	1	1	1	1	\top	
c. Hand Rails.	Ť	1	\top		1		1	
37. Footman Loop. Check for weld cracks.	Ť	1	1	T	\dagger	\dagger	+	

	- 1	:					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.								
a. Armor Piercing Protection Plates Kit (APK). (Para. 16-69a)	./							and the second s
b. Steps. (Para. 16-72)		7						2 stops
c. Slope Rack Kit (SRK). (Para. 16-73)	1					**************************************		THE STATE OF THE S
d. Stowage provisions. (Para. 16-81)	✓							
e. Fairings. (Para. 16-71)	./							
f. Standoff Brackets. (Para. 16-70)	Ż							
g. Hull Bosses. (Para. 16-80)	Ż							
III. Bottom of Vehicle	聖		98	整度 图题	150	調整		And the second s
Hull. Check bottom of vehicle for damage.	V	200	,34,790	11 a F2	Na.West	21 Septemb	2411927	Section (Control of the Control of Control o
Dram Plugs Check for missing, tight, or damaged plugs.		· 经 · 经 · 经 · 经 · 经 · 经 · · · · · · · · · · · · · · · · · · ·	認	経験を	2 T	· 接近 通過		
a. Hull.	7							
b. Ramp.	7	<u> </u>						
c. Contact Cooler.	V	1						
IV. Outside of Vehicle (Topside)	13.7	Վ	遠	- <u>28</u>	8	5779 1772	引持	
Hand Rail (forward). Check for weld cracks or other damage.	1	Ì				·		
2 Mooring Cleats/Lifting Fixfures Check for damage. (Para 8-34)		- (2) - (2) - (2)		· 计图				
a. Forward (port and starboard).	1							
b. Aft (port and starboard).	V			T				
3. Intake Grille NOTE: Make sure intake grille is secured properly in cassed position			A CONTRACTOR OF THE CONTRACTOR					
a. Screen.	<u> \(\lambda \) </u>			_	1		1_	
b. Brace Rod.	\ <u>\</u>	<u>/_</u>		_		_	_	
c. Cam Lock Handles Stop Screws.	y, [
d. Torsion Bar Assembly. (Para. 8–17)	14							
e. Mounting Eardware.	V							
f. Seal.	4							
Ventilator—Aspirator. Theor that value works properly and miles screen as clean and not secured. Para 8–13:	V		-		1	-	-	
5 Ramator Cover and Cup. Theese validate cover for damage and radiator cup for groper sealing. (Para. 38-19)	2,	1					-	

ENCLOSURL 48

			 -	 ,		····	 -	
NOMENCLATURE/LOCATION	Satisfactory	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.								gegegelde de de kommente en sterre en sterre en sterre en sterre en sterre en sterre en sterre en sterre en st
7. Exhaust Grille (Para 8 14) NOTE Make sure flat exhaust grille is secured properly in \$7 \tag{7} \tag{7} \tag{8} \tag{14}								
a. Screen.	/							
b. Seal.	V							997-6
c. Brace Rod.	7							
d. Lugs (dogs).	1							
e. Mounting Hardware.	1				-		_	
8 Plenum Indicators	高學	业舍	他被		198	蒙	1	
a. Intake.	7			1.5		1.5.9-7.1	3,-3	and the second s
b. Exhaust.	V		\vdash			<u> </u>		
9. Searchlight Mount and Receptacle. Check for damage.	1		\vdash					
10. Driver's Hatch		3.5	1.6	, Ç.	12.4.5			
a. Cover and Hinges.	7							
b. Torsion Bar.	17				 	\vdash	1	
c. Latches (open and closed).	17	1	\top	-		\top		
d. Seals and Pads.	17	1	1		\top	1	1	
e. Vision Blocks.	1.		7	十	╅	1	 	Rusty-Seller
f. DVE Adapter Assembly,	1.	1	†			†	 	
 Periscope and Support. Check periscope for breaks and chips and support for damage. 	V							
12. Commander's Hatch			1				2 33	
a. Cover and Hinges.		7	3 3 2 3 2 3 3	-	2 296			The state of the same of the s
b. Torsion Bar.	1	+	†	+-	十	十	+	
c. Latches (open and closed).	1. [×]	1	†	+-	+-	1	十	<u> </u>
d. Seals and Pads.	1,	1	\dagger	╁╾	+	1	+	
e. Vision Blocks.	17	4	\dagger	\dagger	+	+	+-	
13. External Exhaust system. Check the external muffler, nurfler guard, for damage and operation.	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		-	-				
	 -	/- -					1	
a. Muffier.	10		1	1	-	1	1	
a. Mutiler. b. Guard.	\ <u>\</u>		-	+		+	+	

			1			1	· · · ·	
NOMENCLATURE; LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
 Ventilation Exhaust Outlet. Check ballistic cover for damage and tight retaining screws. Check screen for damage. 	\checkmark							
15. Overhead Protection Kit (OPK).			- :					ti di i di di di di di di di di di di di
a. OPK Tiles.	./	Ì					Ì	
b. Torsion Bar Assist Mechanism (TBAM) Cover.	1						v. +0.0000000000000000000000000000000000	dilinensens, humbu fer T. F. (2003). Pillisettiki ilifeksin Tittala dinambatik hika H. Hita (Pamor Hika S. Hilliston).
c. TBAM.	V	-	************		-	DA1-12		
ó. Bosses.	J							
16. Cargo Hatches.	Ť				· · · · ·			,
a. Covers and Hinges.	$ \checkmark $							
b. Torsion Bar.	7							
c. Latches (open and closed).	\checkmark				-			
d. Seals.	1						umch. Arbe	och mannyngan fra (NONCO) in CLOpold AgiA och gift av CLOSSER av Side Statement kom Statement Statement Statem
17. Antenna Mounis.								A COLUMN TO THE PARTY OF THE PA
a. Receiving Mount.	7							, F
b. Port Sending Mount.	V							
c. Starboard Sending Mount.	1							
d. PLRS Antenna Mount.	1.7							
e. DACT Antenna Mount.	7							
 Sea Tow Quick—Release. Check assembly for damage and proper operation. 	V							
V. Engine Compariment (Forward)		. i					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	Ì	1		_	1	
c. TACNAV sensor.	1	1	1	1		+	†	
2 Intake Plenum Actuating Cylinder.	 	1	1	†	+	1	1	110000000000000000000000000000000000000
a. Cylinder.	1	1	1	-	1	1	-	
b. Hydraulic Hoses.	Ť	1	1	-	-	-	1	
Cam Roller Lock. Check condition of each latch roller.	1.	 	1	1	!	1-	1	

NOMENCLATURE, LOCATION	Satisfactory	Missing	Service	Adjust	Repair			Remarks MUST be Included if unserviceable.
4. Cooling Fan.	1 192		等 變			P.M.	おま 発力	Birth Mar Start St
a. Guard.	V							
b. Shroud.	17							
c. Fan,	17						,	
d. Bearings,	1							
e. Belt Adjustment.	1./				<u> </u>	SHV22mimzma		
f. Seals.	1			ĺ				- 12. Add - Chair Chairmann and Chairmann an
g. Fan Cartridge Bearing.	1~							
h. Drain Tube.	17	0		 				_
5. Surge Tank	2 25 3 4 3.22	73	TOTAL ASS AS	148 de 147 de 147 de	32	\$ 'E	NG wal	
a. Tank.	1						-	Programme Control of the Control of
b. Valve.	1							
c. Hose and Tubes.	1							
d. Mounting Hardware.	1		 		 			
6. Crew Ventilation.				İ		- 3	2.9	
a. Ducts. Clamps, and Hoses.	V							
b. Drain Tube.	V			1				
7. Control Linkages.							. T. 12.	
a. Brake Linkage.	1			1				
b. Steering Linkage.	17							
c. Throttle Linkage.	1				Ì			
d. Brake Flood Control Valve Linkage.			ĺ		Ì			
NOTE Make sure flood valve spindle moves freely.	 							
e. Engine Compartment Exhaust Fan Linkage.					Ì			
 Transmission Mounts. Check mounts for loose mounting hardware. Check transmission guide and guide rollers for damage. 	V							_
9. Electrical Wiring and Connections.	1 2		T	1		1	: ' , '	
a. Bulk Head Connectors.	;/	1	1	T	-	1		1
b. Power Plant Wiring.	17	1	1			-	1	
c. Crew Vent Fan.	1/	1	1	†-	\vdash	1	1	
d. Electrical Bilge Pump.		1	\vdash	1	+	-	+	
 Hydrostatic Steering Disconnect Levet. Check lever for correct operation, damage, and wear. Check for leaks. 								

· · · · · · · · · · · · · · · · · · ·	ICLATURE/LOCATION	Satlsfactory	Missing	Service	Adjust	Repair	Replace	Modify		marks MUS ed if unser		W-2-0-0
11. Port Final Drive.			を持ている。				貓		整字形			3.:
a. Oil/Oil Level		1,/										
b. Oil Leaks/Sea	als.											
c. Mounting Ha	rdware.	1/										
d. Sp ee dometer	Adapter/Cable.	\ <u>\</u>]									
 Port U–Joint. Ch safety wiring. 	eck for wear, tight screws, and proper	/							٠,			
	ilge Pump. Check for oil leaks, loose re, damaged screen, and debris.	11/									* 1	
	iss Valve. Check for oil leaks, loose re, and damaged electrical											
	Valve. Check for oil leaks, loose re, and damaged electrical connection	ı. 🗸								_	ż	
	tulic tubes. Hoses and Fittings.	1										
17. Fuel Manifold. (mounting hardwa	Theck for fuel leaks and loose are.	1./	1									-
	Compartment Fire Extinguisher Check for damage and debris.	1										
	e Shaft. Check shaft for damage and t mounting screws and proper safety	/										
	Drive. Check oil level. Check are for looseness. Check for signs of	~			-							
21. Starboard Final]	Orive.	建造				· &						
a. Oil/Oil Leve		V					\top	Τ				
b. Oil Leaks Se	eals.	\ \						T				
c. Mounting H	ardware.	√										
22. Starboard U-Joi proper safety wi	ut. Check for wear, tight screws, and ring.			1	1				Safe	cty wir	C	
	I Drive Shaft. Check shaft for damag tight mounting screws and proper	≥e ✓	/			The same of the sa				÷ .		
24 Starboard Electric debris and dame behiness.	ical Bilge Pump. Check screen for see. Theck mounting hardware for	٧					-		and an interest of the			

	1						i	
NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
 Precleaner. Check cleaner for damage, loose mounting hardware, and loose clamps. Check screen for damage and debris. 	/							
 Crew Ventilation Fan. Check mounting hardware for looseness. Check ducts and clamps for damage and tightness. 	√							
 Starboard Right Angle Drive. Check oil level. Check mounting hardware for looseness. Check for signs of leaks. 	B		V					arccosoll.
28. Starboard Right Angle Drive Shaft. Check condition of shaft coupling for damage. Check coupling bolts for tightness and proper safety wire.	ſ							
 Fan Drive Shaft. Check shaft and coupling for damage or wear. Check safety wire for damage. 	1				- W			The state of the s
30. Fuel Filter		:09	N.	美祖	200	200		
a. Fuel Leaks.	7	1,000	5.5.2	A-408	-Euchy:	10_6728.0	3-49-	Section of the Confession for expension to
b. Drain Cock/Contamination.	7							
c. Electrical Leads/Transducer.	7					\vdash		<u></u>
d. Mounting Hardware/Air Valve.	1.7					1		
- 31 Power Takeoff Unit		中型	"安全" 光绪	學 2008年		155	12	
a. Oil Leaks.	1	753749	97.05X	- Shores	1365	2000	NEWS.	Bender of the forest and the set of the first of the
b. Mounting Hardware.	Ü			-			-	
c. Electrical leads/Connections,	1	-	<u> </u>			 	-	
 Starter. Check that starter is mounted properly. Check electrical leads and connections for damage and proper connections. 	V							
 Transmission Oil Cooler. Check for oil and water leaks. Check electrical leads and connections for damage. Check oil lines, hoses, and clamps for tightness. 	/							
 Exhaust Manifold (starboard side). Check for cracks, holes, and corrosion. Check mounting hardware for tightness. 	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 cleanliness and damage.						编数		
a. Leaks.								
b. Torque converter to engine mounting screw for tightness.	1							
c. Range selector valve for leaks and safety wire.	1							9.000
d. Oil Leaks.	1./							rengen grange prijester i de state de state de state de state de state de state de state de state de state de s
 e. Left and right brake and steer sections for leaks and loose mounting bolts. 	1							
f. Check brakes for proper adjustment.	1							
g. Check transmission drain line for leaks, damage, and loose drain plug.	√							
VI. Engine Compartment (Aft)	쪻	70.00	鑟	謹	1.50		有機	
Exhaust Plenum. Check actuating cylinder and oil lines for leaks. Check condition of plenum seal.	1	1						
Components Bolled on to the Engine Check for light mounting hardware, proper electrical connections, damaged boses and electrical leads; and leaks.	32					経済を持ち	透光	
a. Turbocharger.	V	1						
b. PT Pump.	i√							
c. Exhaust Manifold (port side).	~							
d. Engine Oil Cooler.	1							
e. Engine Oil Filter.	√							
f. Intake Manifold.	V							
g. Smoke Generation Components.	√							
h. Cold Start Components.								
i. Crankcase Breathers.	√	7						
3. Transmission Oil Filter.	建筑	\$ 100 7 74	5) (1) (4)	新 44 第 50	39 (c) 		3	
a. Mounting Hardware.	1							
b. Leaks.	1							
c. Check Electrical Connections.	.,							
 Engine Oil Level. Check for correct level and signs of contamination. Check dipstick for damage. 	V	/						
 Transmission Oil Level. Check for correct level and signs of contamination. Check fill tube and dipstick for domage. 	Ŧ \	/						
 Tachometer Drive Shaft. Check for adapter and cable damage. 	74	/						

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NOMENCLATURE/LOCATION	Satlsfactory	Missing	Service	Adjust .	Repair	Replace	Modify	Remarks MUST be included if unserviceable.	
 Radiator. Check for radiator damage. Check for water leaks on radiator and coolant tubes. 	1				t venilla mani			mandad as are ald and all difficultion of an elementarium as assume and of committee services are according to	
 Exhaust System. Check condition of insulation. Check for loose mounting hardware and damaged scavenging system check valve and for leaks. 	/								
 Engine Compartment Exhaust Duct. Check for cracks or other damage. Check mounting hardware and clamps for tightness. Check tubes for proper mounting. 	./								
 Engine. Check overall condition of engine for cleanliness and fuel, coolant, and oil leaks. 	·/								
11. Generator.		138	700	- 2	麵	홿			
a. Bracket and Hardware.	√								
b. Pulley and Belt.	7							. 81 ×6744.	
c. Adjustment.	1		1	7				SHANN SHANN	
d. Voltage Regulator									
12. Water Pump. Check for leaks.	1300 第二	9.42	· · · · · · · · · · · · · · · · · · ·	- 50 /s - 70 /s - 70 /s	瓣	(Fe/8) - 1/1/76	数据		
a. Punip.	V	1							
ъ. Hoses and Tubes.	V				Τ				
c. Belt and Adjustment.	V								
 Fire Extinguisher Discharge Nozzle. Check for damage, debris, and condition of safety wire. 	1								
14. Engine Oil Heat Exchanger. Check mounting hardware for tightness. Check for oil leaks. Check electrical leads for damage and tight connections.	1			-					
 Cold Start Disconnect Lever. Check for proper operation. damage, and corrosion. 	.√								
16. Hydraulic Reservoir.	鑑								
a. Oil Leaks.	1	7	1	1				Hydrolerk from Rumphi	1 nb
b. Mounting Hardware.	1	1	T		1	1	1		
c. Oil Level.	T	T		1			1	Empty	
d. Dipstick for damage.	17	仃	_	\top		1	1		

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NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
VILL: Troop Compartment 1		200			1	1	W	
NOTE Belowernspectingstroop compariment, open cargo batches. Somethors and lower ramp. Preprine Compariment Access Covers (air). Check all.								The second secon
inumbscrews and clamps for damage and operation. Check covers for correct mating and damage.							資業	Resident (200) September 1990 September 1990
a. Aft Upper.	1							
b. Aft Center.	V							
c. Aft Lower.	1							
d. Port Upper.	1							
e. Port Lower.	1							
f. Smoke Generation.	i/							
 Smoke Generation Fuel Control Valve. Check to see if valve operates freely. Check for any damaged components and leaks. 	V							
3. Engine Compartment Fire Extinguisher	24	潯		12.0 to 1	4.0	· 八章	海	
a. Bottle and Tag.	V							Tag (D)
b. Control Valve.	1/					T		7
c. Clamps.	V							
Troop Ventilation Outlets. Check for free movement and damaged louvers.	V							
Coolant Bypass Tube. Check to see if tube is mounted properly in retaining brackets.	~							
Air Clearer Conipartment	100				- 750 - 750		150	
a. Access Door.	./		T					-
b. Retaining Brackets.	1./	7						
c. Element.	1./	1				T	Π	
d. Compartment.	V							
Right Angle Drive Access Cover. Rotate weapon station to gain access to cover. Check cover for proper mating and damage.	1							
3 Starboard Longitudinal Shañ Cover. Check for damage. Check for loose mounting hardware.	V	,						
Starboard Longitudinal Shaft. Check shaft for damage and coupling for tight mounting screws and proper safety wire.	V						And the second s	

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NOMENCLATURE/LOCATION	SatIsfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
10. Fuel Tank Drains. Check both valves for proper coeration. Check fuel lines and fittings for leaks.								
Check manual shuloff valves to make sure the handle to take from the control of t								
a. Internal Fuel Tank Drain.		被 管			橡胶	泰泰	基礎	
b. External Fuel Tank Drain.	<i>v</i>	ستاناناناني						Złowania wysonia powiet za zawiala i wieka wykanie powietne powietne zawiała zawiała zawiała zawiała zawiała z
c. Fuel Lines and Fittings.		um announce.			-			umzzzanyga majakilikha kangangan gazzzang gazan di Militaki Makaka makan arang mananan ang mananan manang mana
d. Manual Shutoff Valve.					<u> </u>			
		新		建型	78 A	44	¥55	
a. Electrical Leads.			1	24.4	450	.4184	3.57	STREET OF THE ST
b. Leaks.	-					-	-	
c. Retaining Straps.	1			-	<u> </u>	 	+	
d. Breather Cap.			├	├─	-	-		
12. Troop Seats.	を				湿		逐	
a. Hinges.	1/	6.16	1900	1000	12/20		新香港	全部的中央。1997年1998年1997年1998年1997
b. Supports.	1/	\vdash	-	\vdash	-	1		
c. Seat Pans.		-	-	\vdash	1	╁	-	
d. Cushions.	1/	 		\vdash	\dagger	╁	┼─	
e, Safety Belts/Straps.	V	<u> </u>	+	-	╁	╅	╁)
f. Adjusting Rods.	1,7	 	1		1	 	<u> </u>	
13. Inlerior Stowage	3.6-	1000	-	- #2 # 		1 10		The state of the s
a. MG Cleaning Rod Bracket.								A CONTRACTOR OF THE CONTRACTOR
b. Rifle Brackets.	1.	 	1	\top	+	\top	1	
c. Water Can Supports.	1./		1	1		╁	十	
d. Seat Stowage Supports.	<u> </u>	1		1		T	1	
e. DVE Container.	ľ	1	1			 	T	
f. Portable Fire Extinguisher Bracket.	1.7	1	1	╁	1	1	⊤	
g. Pamphlet Stowage Rack.	V	1	1	1	1	1	1	
h. Ammo Box Bracket.	1	1	1	1			\top	-
i. Hand Oiler Bracket.	1./	1	+	1			+	
j. Tool Box Stowage Support.	V	1	 	\top	-	1	\top	
14. Power Distribution Box. Check to see if box is securely mounted. Check all electrical connections for ughtness. Check cover for right strews. Check slave output power surion for durings.	V		of the same property of the same of the same of					

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NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
15. Batteries				觸			灩	
a. Battery Box Cover.								00-134435
b. Holddowns.								
c. Cables and Terminals.	المحا	·						
d. Battery and Terminal Posts.	V							
e. Battery Box Drains.	/							
f. Battery Instruction Plate.	1							
 Radio Guards. Check guards for damage and loose or missing mounting hardware. 	V							
17. Deflector Actuator Guards. Check guards for debris and damage. Check mounting hardware for tightness.	· · · · · · · · · · · · · · · · · · ·	100 100 100 100 100 100 100 100 100 100		疆		建设		The Control of the Co
a. Port	1/							
b. Starboard.	V							
18. Water Steer System Components.	30	要		434	3-27 3-79	3.416 2.65 2.65 2.65		
 a. Water-Jet Deflector Position Sensing Module (port and starboard). 	1							
 b. Water–Jet Deflector Servo Module (port and starboard). 	1./							
 c. Water–Jet Deflector Solenoid Module (port and starboard). 	1							
d. Actuator Cylinders Port and Starboard.	1							
e. Actuator Bracket Port and Starboard.					Ĺ			
19. AFSSS Electrical Components	رسي. رين د			. Pop	ŢĀ.		凝	
a. Sensors Control Box.	lv.							
b. Cables.	1	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.	V	,						
 Troop Ventilation Outlets. Check for free movement and damaged louvers. 	V	1						
13 Kamp Lock Linkage. Check to see that linkage does not build. Check for bent or warped linkage rods.				J	1			

NOMENCLATURE LOCATION NOMENCLATURE LOCATION Remarks MUST be included if unserviceable. Remarks MUST be included include									
a. Ramp Seal. Check mating with hull in closed position. b. Vision Block Cover. c. Skid Bars d. Quick-Release (Visual Only). e. Tow Pintle Release. 25. Deck Plates: a. Deck Plates (port and starboard). b. Center Deck Plate. c. Contact Cooler Bleeder Valve Access Cover. d. Bilge Pump Access Cover (port and starboard). e. Tiedown Rings. NOTE Remove troop compariment deck plates before continuing. 26. Contact Cooler. Check flat bleeder valve is not frozen. Check for signs of leaks. 27. Torsion Bars. Check torsion bars for damage. 28. Ramp Cylinder and Cable. 29. Hydraulic Bilge Pimp. a. Bilge Pimp. 5. Outlet Tube. 31. Bilges Check for Geanliness and obvious signs of damage. a. Brackets and Mounting Hardware. b. Discharge Tubs and Nozzles. 32. Fire Extinguisher (17 lb).		Sattsfactory	Missing	Service	Adjust	Repair	Replace	Modify	
position. b. Vision Block Cover. c. Skid Bars d. Quick-Release (Visual Only). e. Tow Pintle Release. 25 Deck Plates a. Deck Plates a. Deck Plates (port and starboard). b. Center Deck Plate. c. Contact Cooler Bleeder Valve Access Cover. d. Bilge Pump Access Cover (port and starboard). e. Tiedown Rings. NOTE Remove troop compartment deck plates before continuing. 26. Contact Cooler. Check final bleeder valve is not frozen. Check for signs of leaks. 27. Torsion Bars. Check torsion bars for damage. 28. Ramp Cylinder and Cable. 29. Hydraulic Bilge Pump. a. Bilge Pump. b. Outlet tube. 30. Electric Pump. b. Outlet Tube. 31. Bilges: Check for cleanliness and obvious signs of Tamage. a. Brackets and Mounting Hardware. b. Discharge Tubs and Nozzles. 32. Fire Extinguisher (17 lb).	24. Ramp: With ramp lowered, check ramp seal for breaks and spongy condition.								
b. Vision Block Cover. c. Skid Bars d. Quick-Release (Visual Only). e. Tow Pintle Release. 25 Deck Plates a. Deck Plates (port and starboard). b. Center Deck Plate. c. Contact Cooler Bleeder Valve Access Cover. d. Bilge Pump Access Cover (port and starboard). e. Tiedowa Rings. NOTE Remove troop compartment deck plates before continuing. 26. Contact Cooler. Check that bleeder valve is not frozen. Check for signs of leaks. 27. Torsion Bars. Check torsion bars for damage. 28. Ramp Cylinder and Cable. 29. Hydraulic Bilge Pump. a. Bilge Pump. b. Outlet tube. 30. Electric Pump. b. Outlet Tube. 31. Bilges Theck for cleanifness and obvious signs of damage. a. Brackets and Mounting Hardware. b. Discharge Tubs and Nozzles. 32. Fire Extinguisher (17 B).				7,120,1		in a seed.	2.00		The contract of the contract o
c. Skid Bars d. Quick-Release (Visual Only). e. Tow Pintle Release. 25: Deck Plates a. Deck Plates a. Deck Plates (port and starboard). b. Center Deck Plate. c. Contact Cooler Bleeder Valve Access Cover. d. Bilge Pump Access Cover (port and starboard). e. Tiedown Rings. NOTE Remove troop compartment deck plates before continuing. 26. Contact Cooler. Check that bleeder valve is not frozen. Check for signs of leaks. 27. Torsion Bars. Check torsion bars for damage. 28. Ramp Cylinder and Cable. 29. Hydraulic Bilge Pump. a. Bilge Pump. b. Outlet tube. 30. Electric Bilge Pump. b. Outlet Tube. 31. Bilees. Check for deanliness and obvious signs of damage. a. Brackets and Mounting Hardware. b. Discharge Tubs and Nozzles. 32. Fire Extinguisher (17 lb).			enterima.			`.			
d. Quick-Release (Visual Only). e. Tow Pintle Release. 25; Deck Plates a. Deck Plates (port and starboard). b. Center Deck Plate. c. Contact Cooler Bleeder Valve Access Cover. d. Bilge Pump Access Cover (port and starboard). e. Tiedown Rings. NOTE Remove troop compartment deck plates before continuing. 26. Contact Cooler. Check final bleeder valve is not frozen. Check for signs of leaks. 27. Torsion Bars. Check torsion bars for damage. 28. Ramp Cylinder and Cable. 29. Hydraulic Bilge Pump. a. Bilge Pump. b. Outlet tube. 30. Electric Bilge Pump. b. Outlet Tibe. 31. Bilgess. Check for cleanliness; and obvious signs of foldomage. a. Brackets and Mounting Hardware. b. Discharge Tubs and Nozzles. 32. Fire Extinguisher (17 lb).	b. Vision Block Cover.								
e. Tow Pintle Release. 25: Deck Plates a. Deck Plates (port and starboard). b. Center Deck Plate. c. Contact Cooler Bleeder Valve Access Cover. d. Bilge Pump Access Cover (port and starboard). e. Tiedown Rings. NOTE Remove troop compartment deck plates before continuing. 26. Contact Cooler. Check that bleeder valve is not frozen. Check for signs of leaks. 27. Torsion Bars. Check torsion bars for damage. 28. Ramp Cylinder and Cable. 29 Hydraulic Bilge Pump. a. Bilge Pump. b. Outlet tube. 30: Blectric Bilge Pump. b. Outlet Tube. 31. Bilges Check for cleanliness and obvious signs of damage. a. Brackets and Mounting Hardware. b. Discharge Tubs and Nozzles. 32. Fire Extinguisher (17 lb).	c. Skid Bars							1	
25. Deck Plates (port and starboard). b. Center Deck Plate. c. Contact Cooler Bleeder Valve Access Cover. d. Bilge Pump Access Cover (port and starboard). e. Tiedown Rings. NOTE Remove troop compartment deck plates before continuing. 26. Contact Cooler. Check that bleeder valve is not frozen. Check for signs of leaks. 27. Torsion Bars. Check torsion bars for damage. 28. Ramp Cylinder and Cable. 29. Hydraflic Bilge Pump. a. Bilge Pump. b. Outlet tube. 30. Electric Pump. b. Outlet Tube. 31. Bilges Check for cleanliness and obvious signs of damage. a. Brackets and Mounting Hardware. b. Discharge Tubs and Nozzles. 32. Fire Extinguisher (17 lb).		/							
a. Deck Plates (port and starboard). b. Center Deck Plate. c. Contact Cooler Bleeder Valve Access Cover. d. Bilge Pump Access Cover (port and starboard). e. Tiedown Rings. NOTE Remove troop compartment deck plates before continuing. 26. Contact Cooler. Check that bleeder valve is not frozen. Check for signs of leaks. 27. Torsion Bars. Check torsion bars for damage. 28. Ramp Cylinder and Cable. 29. Hydrattic Bilge Pump. a. Bilge Pump. b. Outlet tube. 30. Bledtic Bilge Pump. b. Outlet Tube. 31. Bilges: Check for cleanliness and obvious signs of damage. a. Brackets and Mounting Hardware. b. Discharge Tubs and Nozzles. 32. Fire Extingnisher (17 lb).		1							
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b. Outlet tube. 30. Electric Bilge Pump. a. Electric Pump. b. Outlet Tube. 31. Bilges. Check for cleanliness and obvious signs of damage. a. Brackets and Mounting Hardware. b. Discharge Tubs and Nozzles. 32. Fire Extinguisher (17 lb)	a. Bilge Pump.								
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31. Bilges. Check for cleanliness and obvious signs of damage. a. Brackets and Mounting Hardware. b. Discharge Tubs and Nozzles. 32. Fire Extinguisher (17 lb)	a. Electric Pump.	1, /	1					1	
a. Brackets and Mounting Hardware. b. Discharge Tubs and Nozzles. 32. Fire Extinguisher (17 lb)	b. Outlet Tube.		1	\top	T	İ	 	T	
a. Brackets and Mounting Hardware. b. Discharge Tubs and Nozzles. 32. Fire Extinguisher (17 lb)								75 W	
32. Fire Extinguisher (17 lb)	a. Brackets and Mounting Hardware.	1:/	1						
	b. Discharge Tubs and Nozzles.	V	1	1		1	1	1	
	32. Fire Extinguisher (17 lb)						1 22		2
10. 1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-	a. Mounting Hardware,	7			1	-	1	İ	
b. Discharge Tub and Seal.	b. Discharge Tub and Seal.	10	7	i	i	Ť	Ť	1	
c. Tag Date.	c. Tag Dote	1	 <i>ر</i> ز	オー	T		1	- }-	
di Segli	5 Seat	V	/.		<u> </u>	····		-	<u> </u>

NOMENCLATURE/LOCATION	Salisfactory	Missing	Service	Adjust	Repulr	Replace	Modify	Remarks MUST be Included if unserviceable.
33. Personnel Healer	1916 G 613	7.43	意味	建 (基)	- Form 7	(1987) (1987)	裹	
a. Mounts.	1							
b. Exhaust System and Cover.	V							
c. Electrical Wiring and Switches.	V							
d. Fuel System.	V							
e. Heater Ducts.	$\sqrt{}$							
34. Port Longitudinal Shaft Cover Check for damage. Check for loose mounting hardware.		1000年	ながら	数		が一般で		
 Port Longitudinal Shaft. Check shaft for damage and coupling for tight mounting screws and proper safety wire. 	a							
36. Rádio Mounts	%.8∰ ∀ 62/45	Line Service	電視	144 A	\$30 \$10 \$10 \$10 \$10 \$10 \$10 \$10 \$10 \$10 \$1	- Or 10 - Engle		· · · · · · · · · · · · · · · · · · ·
a. Check Mounting Hardware.	./							
b. Check Radio Mounts.	V			T				
c. Check Radio Cables.	1/							
37. HPLRS Rack		1.5	5.54 F.18	200 P	1	1.5		Metal Advantage of the Control of th
a. Check Mounting Hardware.	V							
b. Check Radio Mounts	V	1						
c. Check Radio Cables.	1	1						
VIII. Driver's and Commander's Station	657		4 (F)	1		्र इ.स.च्या इ.स.च्या	124 424 21-25	
1. Access Covers		1 2	12	2 -3-23 7 -3	30% (A)	4. A. A.	#78	
a. Hydrostatic Steer Disconnect Lever.	V	1		Π				
b. Final Drive U-Joint.	V	1	T					
c. Hydraulic Reservoir.	V	7						
Flapper Valve. Check spring tension flapper. Check mounting screws for tightness and damage to flapper.	V							
 Fire Extinguisher (7-lb). Check mounting bracket and a hardware for tightness. Check tag for date bottle was last weighed. Check wire seal on control head. 	· · · · · · · · · · · · · · · · · · ·	10 10 10 10 10 10 10 10 10 10 10 10 10 1		· · · · · · · · · · · · · · · · · · ·			· · · · · · · · · · · · · · · · · · ·	
a. Bracket and Mounting Hardware.	V	1		T		1	1	
b. Tag Date.		1	1	1			T	
c. Wire Séal.	1,	1	1	\top	1	1		
4 Ramp Lock Handle. Check handle and look for damage and proper operation.	V		-					
 Ramp Control Valve. Check for damage, loose fittings, leaks, and loose mounting hardware. 	V	7	Ì	-	***************************************		Towns land to the	

NOMENCLATURE LOCATION 6. Fire Extinguisher Discharge Flandle. 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 togels switch. 9. Handle Throttle. Move flurottle 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 hardware. Check indicator for damage. 12. Auxiliary Instrument Panel. Check panel for loose mounting hardware. Check findicator for damage. 13. Accelerator Fedal. 14. Accelerator Fedal. 15. Accelerator Fedal. 16. Seering Wheel. Check for proper operation. Make sure that parking brake holds and releases properly. 16. Steering Wheel. Check wheel for damage. Check operation of wheel bit. Check proper damage. Check operation of wheel bit. Check proper damage. Check operation of wheel bit. Check proper damage. Check operation of wheel bit. Check proper damage. Check operation of wheel bit. Check proper damage. Check operation of wheel bit. Check proper damage. Check operation of wheel bit. Check proper damage. Check operation of wheel bit. Check proper damage. Check operation of wheel bit. Check proper damage. Check operation of wheel bit. Check proper damage. Check operation of wheel bit. Check proper damage. Check operation of wheel bit. Check proper damage. Check operation of wheel bit. Check proper damage. Check operation of wheel bit. Check proper damage. Check operation of wheel bit. Check proper damage. Check operation of wheel bit. Check proper damage. Check operation of wheel bit. Check proper damage. Check operation of wheel bit. Check proper damage. Check operation of wheel bit. Check proper damage. Check operation of wheel bit. 18. Brake Pedal. Apply and release brakes to check operation of wheel bit. Check proper damage. Check operation of wheel bit.			1	- 1	 í			1		
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 mointing 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. 13. Accelerator Pedal. 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. 16. Steering Wheel. Check wheel for damage. Check operation of wheel hit. Check for bunding linkage. 16. Steering Wheel. Check wheel for damage. Check operation of wheel hit. Check for bunding linkage. 18. Check steering wheel existing undouble for loose mounting tandware or damaged winning.	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 builkhead. 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. 16. Steering Wheel. Check wheel for damage. Check operation of wheel hil. Check for binding inkage. Check Selecting wheel suring module for loose mounting hardware or damaged winnig.		J								
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 property. 16. Steering Wheel. Check wheel for damage. Check gografion of wheel hit. Check for linding linkage. Check steering wheel seigng module for loose mounting hardware of damaged winning. a. Steering Wheel.	i	1								
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. 16. Steering Wheel. Check wheel for damage. Check geration of wheel hit. Check for binding linkage. Check geration wheel check for binding linkage. Check geration wheel check for binding linkage. Check geration wheel check for binding linkage. Check geration wheel check for binding linkage. Check geration wheel check for binding linkage. Check geration wheel check for binding linkage. Check geration wheel check for binding linkage. Check geration wheel check for binding linkage. Check geration wheel check for binding linkage.	Mode Selector Switch. Check for missing or damaged toggle switch.	√								
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 Pauel. 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 Swirch. 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. 16. Steering Wheel. Check wheel for damage. Check operation of wheel hil. Check for binding linkage. Check steering wheel acising module for loose incoming hardware or damaged winnig.					1.7	71/				
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. 16. Steering Wheel. Check wheel for damage. Check operation of wheel hil. Check for loose mounting hardware or damaged winnig. a. Steering Wheel.	hardware for damage. Check movement of selector									
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. Waier Drive Swirch. 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. 16. Steering Wheel Check wheel for damages Check operation of wheel tilt. Check for binding linkage. Check sicering wheel sensing module for loose mounting hardware or damaged wrinig.		V								
a. Mounting Hardware/Brackets. b. Pedal and Pedal Stop Screw. c. Water Drive Swirch. 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. 16. Steering Wheel, Check wheel for damage. Check operation of wheel fill. Check for binding linkage. Check sieering wheel sensing module for loose mounting linkage withing liardware or damaged winne.	mounting hardware. Check that gages are securely mounted in panel, and that hose connections are tight.	V			-				: •	
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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. -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 winne. a. Steering Wheel.		~			· .	·	-			
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. 16 Steering Wheel. Check wheel for damage. Check operation of wheel till. Check for binding linkage. Check steering wheel scissing module for loose. Industrial Brake Pedal. Apply and release brakes to check operation. Asker wheel wheel for damage. Check operation of wheel till. Check for binding linkage. Check steering wheel scissing module for loose. Industrial Brake Handle. Check wheel for damage. Check operation of wheel till. Check for binding linkage. The check steering wheel scissing module for loose. The check steering wheel.	b. Pedal and Pedal Stop Screw.	1.								
binding. 15. Parking Brake Handle. Check for proper operation. Make sure that parking brake holds and releases properly. 16. Steering Wheel. Check wheel for damage. Check operation of wheel tilt. Check for binding linkage. Check sicering wheel sensing module for loose mounting hardware or damaged winnig.	c. Water Drive Switch.	U								1
Make sure that parking brake holds and releases properly. 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.		·/								•
operation of wheel tilt. Check for binding inkage. Check steering wheel sensing module for loose mounting hardware or damaged wiring a. Steering Wheel.	Make sure that parking brake holds and releases	i/								-
	operation of wheel tilt. Check for binding linkage. Check steering wheel sensing module for loose				を の の の の の の の の の の の の の の の の の の の	の動物に表示				- ,
b. Steering Wheel Sensing Module.	a. Steering Wheel.	1,7	100,000		- 10 mg/s			3.763	The second of the property of the second of	• ea
۱۷۱۱۱۱۱ ت ټ	b. Steering Wheel Sensing Module.	1	1	\top	1	\top		†	<u> </u>	•

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NOMENCLATURE/LOCATION	Satisfactory	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 futions							美	
a. Master Switch.	1/							
b. Lamp Test/Warning Cancel Switch.	1,/					<i></i>		(VIII) vii Mikkilla vii III valta VIII viikkultä käi III suudiskillä Sinki VII käi VII käi VII valta kuunnis V
c. Horn Button.	1,/							
d. Panel Lights Brt/Dim Switch.	1.7	İ						
e. Cold Start Switch.	17							· · · · · · · · · · · · · · · · · · ·
f. Starter Button.	17		-					
g. Light Switch.	1./							
h. TACNAV Indicator.	1/							
i. Tachometer.	1	1	-					
j. Speedometer.	17	1						
k. Smoke Generation Indicator Light.	1./							
1. Smoke Generation Switch.	17				<u> </u>	<u> </u>		
m.Forward Electric Bilge Pump Switch.	17	İ						
n. Aft Electric Bilge Pump Switch.	1/	 						
o. Aft Electric Bilge Pump Indicator Light.	17	1	1		Ì			
p. Forward Electric Bilge Pump Indicator Light.					 			
q. Aft Hydraulic Bilge Pump Indicator Light.	1./	1	 					
r. Forward Hydraulic Bilge Pump Indicator Light.	1./	+	T			T		ners de commente a mera en un commente de constitutivad de l'Alemante constitutiva a médica de la Cilia
s. Ventilation Switch.	1,/	1	†		 		†	- Control of the Cont
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.	V							
 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 tightness				W 100 100 100 100 100 100 100 100 100 10		*		
a. Driver's Outlet.	1	1	1	1	Ī		T	
5 Commander's Oulet.	10	/	1				1	

				.				
NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	 Remarks MUST be Included if unserviceable.
1. Vent Air Hoses, Tubes, and Duct. Check for loose clamps and mounting hardware. Check for damaged hoses, tubes, and duct.			NA CONTRACTOR			and an an an an an an an an an an an an an		
 Bilge Outlet Tube. Check tube for damage, hoses for cracks, and clamps for tightness. 	$\sqrt{}$							
23. Instrument Distribution Box. Check that box is securely mounted, and that cover screws are tight. Check all wiring harness connectors for tightness.								
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.	$\sqrt{}$							
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.	✓							
27. Data Plates. Check for damage.	1			Π				
 Manual Fuel Shutoff Handle. Check shaft for damage and grommets for wear. Rotate handle to check for free operation. 	V							
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.	\ \							
 Interior Decals and Instruction Plates. Check to see that they are readable. 	V							
32. Fire Extinguishers (MFSS and AFSSS) NOTE At this time all fire suppression system bottles are to be pulled and weighed.	を受ける。	が経済をある。	一大学を表示された	の現場では、	こうが が はまな 主義の かっかい アイドラ かっかい かっかい かっかい かっかい かっかい かっかい かっかい かっか		を	
a. Mounting Hardware.	1,/	7		$\neg \vdash$		\top		
b. Discharge Tube and Seal.	1	1	┪	1		1	\top	
c. Tag Date.	1	Ţ,	71	1	+	1	1	No Tou
d. Seal.	1	/ "	1	1	i			
 Drive Shaft Guards. Check guards for damage and mounting backwore for tiphtness. 	\ \ \	1						-

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
X/Equipment Operation					謎	6		
1 Start vehicle, check operation of the following:	影響 物質	翻				疆		
a. Master Switch.	<i></i>							
b. Horn.			$\sqrt{}$					Horn (I)
c. Fuel Level Indicator.	$\sqrt{}$							
d. Battery Generator Indicator.	$\sqrt{}$							M77 4-72
e. Electric Bilge Pumps (forward and aft).	$\sqrt{}$							
f. Panel Lights (brt/dim).	\checkmark							
g. Display Panel Warning Lights.								
h. Vent Switch Low Position.								
 Perform Diagnostic Test Equipment checks in accordance with TM 09674A-25&P/4, (See worksheet at the end of this Appendix). 								
Weinicle Stall Check. With brakes locked, and gear selector in 4th gear, accelerate fully and check the tollowing.			10000000000000000000000000000000000000	· · · · · · · · · · · · · · · · · · ·				
a. Brakes.	K				<u> </u>	<u> </u>		
b. Transmission.	\mathbb{A}		<u> </u>	<u> </u>	<u> </u>			
c. Engine. RPM.	V	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	7.490
 d. TACNAV Indicator. Check that system powers and display works. 								
4. Lights: Check that lights work properly.	43	120	1000 1000 1000 1000 1000 1000 1000 100	撞	50 25 25 25 25 25 25 25 25 25 25 25 25 25		Ţ.	Alexander and the second of th
a. Light Switch.						L		
b. Service Drive.	K							
c. Dimmer Switch.	1/							
d. Blackout Markers.	1							
e. Stop Light.	V							
f. Park.	1/							
g. Searchlight.	17							
h. Interior Dome Lights.	17		T				T	
Driver's Viewer Enhancer (DVE). Check that power system works.	V							
e Lamp Test Warning Cancel Switch. Check audio signal with proper comm helmet.	V	1						

X. Functional Road Test 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 offner. 5. Speedometer. Check for correct operation. 6. Noises. Check for any unusual noises. XI. Water Systems Test 1. Plenums. Check that plenums close completely. Fan shuts off. (Para. 8–13) 2. Check if hydraulic bilge pumps operation. 3. Check if electric bilge pumps operate.	ndottimentis)
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. 5. Speedometer. Check for correct operation. 6. Noises. Check for any unusual noises. XI. Water Systems Test 1. Plenums. Check that plenums close completely. Fan shuts off. (Para. 8–13) 2. Check if hydraulic bilge pumps operation.	4 47
works properly. 3. Smoke Generation. Check for correct operation. 4. Brakes. Check to see if brakes pull to one side or the other. 5. Speedometer. Check for correct operation. 6. Noises. Check for any unusual noises. XI. Water Systems Test 1. Plenums. Check that plenums close completely. Fan shuts off. (Para. 8–13) 2. Check if hydraulic bilge pumps operation.	
4. Brakes. Check to see if brakes pull to one side or the other. 5. Speedometer. Check for correct operation. 6. Noises. Check for any unusual noises. XI. Water Systems Test 1. Plenums. Check that plenums close completely. Fan shuts off. (Para. 8–13) 2. Check if hydraulic bilge pumps operation.	
other. 5. Speedometer. Check for correct operation. 6. Noises. Check for any unusual noises. XI. Water Systems Test 1. Plenums. Check that plenums close completely. Fan shuts off. (Para. 8–13) 2. Check if hydraulic bilge pumps operation.	
6. Noises. Check for any unusual noises. XI. Water Systems Test 1. Plenums. Check that plenums close completely. Fan shuts off. (Para. 8–13) 2. Check if hydraulic bilge pumps operation.	
1. Plenums. Check that plenums close completely. Fan shuts off. (Para. 8–13) 2. Check if hydraulic bilge pumps operation.	
1. Plenums. Check that plenums close completely. Fan shuts off. (Para. 8–13) 2. Check if hydraulic bilge pumps operation.	
shuts off. (Para. 8-13) 2. Check if hydraulic bilge pumps operation. Hydro System	ar sole
	— جن لا
3. Check if electric bilge pumps operate.	
4. Check that jet drive activates at 1000 to 1200 RPM.	مد لل
5. Bow Plane Operation:	* * * * * * * * * * * * * * * * * * *
a. Control Valve. Check for proper operation and leaks.	NOP
b. Bow Plane. Check that it fully extends and retracts.	
c. Pivot Actuator. Check for leaks, unusual noise and smooth operation.	

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

130 110.	72) (4	5	Mi	les	10	15 Hours 252
To Enspected 70200413 Ins	pect	0			(b)((3), (b)(6)), (b)(7)(c)
*See Table C-1 for UG	₽₩S	Dead	ilmē	Cmr	ena.			
NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
I. Basket Weldment	175	d.	24 (A)	F 9034 - 0445 - 1	98. 78.	5.5€0. 4. √	が	了。 1000年的阿拉克斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯
Basket Weldment Clearance.								
 Area around sides of basket weldment clear of obstructions. 								
 b. Area around 12 channel slip ring clear of obstructions. 								
2. 12 Channel Slip Ring.		1						
a. Fi-etrical connectors tight and in good condition.								
b. Upper portion of 12-channel slip ring rotates freely.	1/							
c. Manual and electrical weapons station operation.	V	Î		-department				
Power Relay Assembly.								
a. Box secure to bottom of basket.	V							
 b. Electrical connectors tight and in good condition. 	1				Ì			
4. Basket inspection								
 a. Seat belt secure, latch working properly, belt in good condition. 	\ <u>\</u>							
b. Stowed items do not overhang basket.	V							
 Seat in good condition, locks in all height positions, secure in basket assembly. 	V							
II. Weapons Station Interior					Ī	T .		
1. Turret Power Control Assembly.			T	1		Ī	T	
a. Box cover secure. Box secure to basket weldment.	X	1./	1					(M) Z Bits
b. Electrical connector tight and in good condition.	1/	7						
* ***		1		_		1	1	

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

NOMENCLATURE/LOCATION	Satisfactory	Missing			Repair			Remarks MUST be Included if unserviceable.
3. Traverse Switch Assembly.		4.25 2.35	多200 直接	WE.	198			
a. Box cover secure to basket weldment.	$\sqrt{}$							
b. Electrical connector tight and in good condition.						İ		
4. M36E-TSS Periscope		科		**************************************		を35 を記	鑿	And the state of t
Mounting Screws. Check screws for security. Check sight is secure to turret weldment.	√							
 b. Sight. Check for moisture in window and in mirror. Check condition of glass. 	\checkmark							
 c. Sight Evepieces. Check for moisture, condition of reticles, condition of eye-piece pads, and proper operation. 	\checkmark							
d. Latch Assembly. Check that latch moves freely, and has spring tension.								
e. Hanger Strap. Check for serviceability.								
 f. Head Assembly. Check nuts on head assembly for iightness. 	\bigvee							
g. Body Assembly. Check mounting hardware for security and that safety wire is present.	\checkmark							
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							
 Sight Power Electrical Connectors. Check that electrical connectors are in good condition. 		′						
 j. Check for cracks, dents, burns and chipped paint on housing, 								
 k. Check that valve cap is tight and retaining strap is not broken or missing. 								
 Check that both knobs on elbow assembly move freely from LO to HI position. 	V							
nı. Check that lamp holder is tight and packing is installed.								
 n. Check that plug or shutter switch is present. If missing, notify supervisor. 		1						
 c. Check that all boresight knobs move freely, and scales can be easily read. 								
p. Check ID plate for damage and if it can be easily read. If plate cannot be read, notify supervisor.	\ \							
 Check that shutter switch will not move to ON without pushing safety button first. 	V	1						
 Check that valve cap strap is not damaged or missing. 	V	1						
 Check that all screws are tight on mounting hardware. 								

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Wodify	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. 				No.				
50 Caliber Animo Ejection Chine, Check for condition and security. Ensure that chine is their of depris.								
a. Check ejection—chute hose for security and condition.			NI STEEL	en marine me				
 Spent-Cartridge Box. Check security and condition. Check operation of latches. 								
 Equilibrator. Check for corrosion, security and adjustment. 								
8. 50 Caliber Ammo Feed System		20 M	(1) (2) (4) (5)	200		107	· 学生	· 開発の関係があるといれた。 ・ 関係は同様ではなるのでは、ままままないのです。
a. Check security and condition of .50 caliber ammo trays.	V		-					
b. Check security and condition of roller guides.	V							
9. 40mm Ammo Feed System:	4.55 4.65	2000年 新聞	2000 2000 2000	空 衛		空锋 机索		17年後にアルクラースを出ている。 17年後の18年後の日本の日本の日本の日本の日本の日本の日本の日本の日本の日本の日本の日本の日本の
 a. Feed Chute. Check for dents, солозіоп aud/or damage. 								
 b. Check feed-chute cover for tears, holes; zipper must move freely. Check attachment points for security and condition. 	V							
c. Check anti-feedback lever for condition and security.	17							
10, 40mm Animo Bax Assemblys	屬	纜	额	SE TO	疆	38	安	
 Check security and condition of box, doors, and flaps. 	/							
b. Check operation of latches.	1./	1		Ī				Monococcoccoccoccoccoccoccoccoccoccoccocc
 c. Check that electrical connector on last—round switch is tight and in good condition. 	W							
 40mm Charger Assembly. Check condition and security of charger tube. 	V							
12. 40mm Mantlet		海	1.3	ĮĘ.		100	140 142	
a. Check condition and security.	./							
b. Check operation of cover latches.	1/	1	1	\top	 	\top		
 13. 50 Caliber Mantlet and Cradle. Check condition and security. Check for damage, cracked welds and bare metal. 	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \							
14 Power—Assist Traverse Mechanism. Check for security, condition and leakage. Make sure that electrical connectors are tight and in good condition.								
 Elevation Control Assembly. Check for security and condition. 	\bigvee							

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.	1	T							
 Grenade Launcher Inhibit Switch. Check for security and condition. Check that electrical connector is tight and in good condition. 		\ <u></u>							Switch is M
 Elevation Interrupter Switches. Check for condition and security. Check that electrical connectors are tight and in good condition. 	~								
 Utility Light. Check that light and electrical connector is secure and in good condition. 	\ \								
21. Communications Box.	更 47年		1 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				檍	気速	
 a. Check that electrical connector is tight and in good condition. 	V								
b. Check for security and condition.	V		Τ						
22 Weapons Station. Inspect for damage, security and clarity.	1000	を変え	金田を言う		動物			1. Marie	
 a. Vision Blocks. Inspect for damage, security and clarity. 	\/	/							
 Ring Gear. Inspect for damage and corrosion. Should be clean and no grease. 			1	/					A lot of Rust
23. Haich		金數	杂	525 202	新	爱			
 Seal, Hatch, Hinges. Inspect for damage, loose hardware and proper operation. 	V	1							
 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). 									
 c. Hatch Handle. Check security, condition and proper operation. 	١,	1							
d. Crash Pads. Inspect pads on hatch and weapons station for security and condition.		1							
24. DAGR.	3		- Ži	<u>-</u>	3	j į	2 5	9	
a. Check that electrical and antenna connections are tight and in good condition.			/						
b. Check for security and condition.	\top	1	기		1	\top			

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable,
III Weapons Station Exterior			3.8		1000	117		
 Receptacle, Spot Light. Inspect for corrosion and damage. Check that cover fits securely and is tight. 	V							
2. Mount, Spot Light. Inspect condition and security.	1./							
Smoke Grenade Launchers	, Ž	蹇	貗			機能 を戦	64.00 (20)	
 Tubes. Inspect sight tubes for dents, cracks or corrosion, and security to mounts. Check security of mount to turret. 	V							
 b. Electrical Contacts. Check that contacts are tight and free of corrosion. 								general (1975) (
c. Rubber Caps. Check sight caps for condition.						$\sqrt{}$		1 Rubber Cap Bioged (
 Entrance Window. Inspect condition and security. Look for signs of moisture. 								
Sight Cover. Inspect condition and security.	J							
 6. 40mm Mantlet Cover. Check for security and condition. Check operation of latches. 	1							
 Remote Antenna. Check security and condition of cover. 	V							
IV. Functional Tests		書	變	物	證	氢	42	The state of the s
Manual Operation. Check for weapons station binding and packlash.		で変数						
a. Azimuth. Check movement through 360 degree clockwise and counter-clockwise.								
b. Elevation. Check for +45 degree maximum elevation and -8 degree maximum depression.								
 Powered Systems Test: Vehicle master switch and times power switch ON: Check operation as noted. 		1		三				
 a. Control Box Lights. Check that control box lamps light when turret power switch is ON by pressing lamp test all button. 								
 b. Domelight, Lights in both blue and white switch positions. 								
c. Utility Light. Lights in both red and white.	\mathbb{N}	1						
d. Thermal Elbow Check Only. Ensure the unit shows an image and all controls work.	/							
e. Spot Light. Install and check operation.	V	7				T	T	
r. Exhaust Blower. Check operation.	11		T		T	T	T	

				 ,				and described the contraction of the second described and the contraction of the contract
NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Wodify	Remarks MUST be Included if unserviceable.
3. Low Ammo System Test		232 770		5	A A		鑑	The same of the sa
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.	V							
 c. Last–Round Switch OFF. Last–round indicator light OFF, override switch down, triggers work. 	J							
4. Weapons Station System: Perform test as prescribed in Section 3.		が変		34.5 Q	海湾	. 张 西		
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. 	V							
5. Smoke Grenade Launcher Test	2007 2004		(大) (大) (大)	7-12 A 16	्र - जुल	1 1	100	· 共享宣传的一个全国的特别是特别的任务(1) 会设计(1)2000年12月的特别的
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:II 5820-1172-13	養養			記している	は ない ない ない ない ない ない ない ない ない ない ない ない ない	A STATE OF THE STA	· 经上海	
a. Check that DAGR passes self-test.		1	1					
b. Check that DAGR is using vehicle power.		V					$oldsymbol{\perp}$	
c. Check that DAGR is using remote antenna.		1	1		$oldsymbol{ol}}}}}}}}}}}}}}}}}$			
d. Check functioning of DAGR screen back lighting.	1	1	4	1	1			

4	N	29916532	A	\$13.19	\$52.76
1					V-2017-0
	N	29916532	Α	\$34.37	\$34.37
1	N	29916532	Α	\$11.67	S11.67
1	N	29916532	А	\$7.83	\$7.83
1	N	29916532	Α	\$65.11	\$65.11
			-	TOTAL:	\$171.74

TAMEN NOMEN	NSN	SERIAL#
E08467K 2 - CAP, Protective, Dust And Moisture Seal: PN A3207525-1 CAGE 80063	5340-01-381-5666	523445
E08467K SHACKLE: Anchor 1-3/8 in. Pin, 21T; PN 12328579 CAGE 19207	4030-01-187-0964	523445
E08467K LUBRICATING GUN, Hand: PN 1142 CAGE 1PL57	4930-00-253-2478	523445
E08467K PADLOCK: PN A-A-59487-1BC CAGE 58536	5340-00-682-1508	523445
E08467K WRENCH, Adjustable: 18 in. lg; 2.062 wr surf.; PN B107.8 CAGE 05047	5120-00-240-1414	523445

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LIMITED TECHNICHAL INSPECTION

DATE: 45200414					
PUE POSE OF LTI: JUTI		SERVICE REQUES	ST: 29	843	9.74
RESPONSIBLE UNIT: 30 A	+ BN	SET SERIAL: 52			
NOMENCLATURE: AAVP7A		TAMN: E0846			2350-01-458-7410
NOMENCLATURE	NIIN / P/N	SERIAL	QTY		
PNGINE TRANSMISSIUN	01-45-9066 01-477-305	37191043 A14221E	(CODE S	
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DEFECT C	ODES: S - SERVICA	BLE II UNETRUIC	ADIE A	1 100	
SL-3 COMPLETE: YES / (10)	ODEO. U OEITMOA	DEE 0.0149EUAIC	ADLE N	4 – MISS	SING .
MODS VERIFIED: (ES) NO					
LAST PMCS DATE: 2020532	25				
COMMENTS: DRIFT PIN, OKER HAND, OTTI, OO-	ary 1, 01-07 262-8868, 50	S-8292, HO KEWDICIÚEX, F	LAT.	IRERO TIP, Q	PE, QTY 1, 01-071-1746 TY 1, 00-222-8852
	CØNI	DITION CODE: A			
LTI BY PRINT/SIGN (b)(3 DATE: 2020414), (b)(6), (b)(7)(c)	LTI BY PRINT/SIG	16		(b)(3), (b)(6), (b)(7)(c)

ENCLOSURE (44)

ASSAULT AMPHIBIOUS VEHICLE (AAV7A1) LIMITED TECHNICAL INSPECTION										
MODEL (CIRCLE ONE)	REFE	RENCES								
(AAVP7A1)	TM 09674A-25&P/4	TM 8F152B25&P								
AAVC7A1	TM 07267B-50									
AAVR7A1	TM 07268B-25&P/2									
TAC NO. 3-11-10	MILES 1213									
U.S.M.C. NO. 573195	HOURS 258									
HULL NO. BAM-A-003										
ENGINE NO. 37191043										
TRANSMISSION NO. A 14221E										
INSPECTOD'S MAME'D ANTESTO	NATIDE	DATE INSPECTED								
(b)(3), (b)(6), (b)(7)(c)		20200-114								
NOTE: The following inspection sheets are divided in	to 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

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NOMENCLATURE/LOCATION	Satisfactory	Wissing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
I. Outside of Vehicle (Forward and Port)			19/49 98.3	13.43 12.11	縣		多理	
1. Hull Forward End. Check for damage and bare metal.	7							
2. Towing Eyes. (Para, 8–33)	Say.	93.	建	新建 新建		最高	表示 基本語	Record to the second se
a. Port.	V,							
b. Starboard.	V	<u> </u>						
3. Headlights. (Para. 11=32)		50	1	1.5	\$00 \$00	· 基本		
a. Port.	\bigvee				<u> </u>		<u> </u>	
b. Starboard.	V		<u> </u>					
c. Headlight Guards.	V							
4. Bow Plane. (Para: 10-14)	1		續	100	1.0	47.5		
a. Hinges and Mounting Hardware. (Para. 10-17)				<u> </u>				
b. Bow Plane. (Para. 10-17)	\bigvee				_	ļ		
c. Hydraulic Tubes and Fittings. (Para. 10-16)	<u>//</u>	<u> </u>	<u> </u>		<u> </u>		ļ	mos
d. Pivot Actuator. (Para. 10-18)	بيدل	4_			1			
5. Hull Port Side. Check for damage and bare metal.								
 a. Armor Piercing Protection Plates Kit (APK). (Para. 16–26a) 	V							
b. Steps. (Para. 16-29)	$\rfloor \underline{\vee}$		_	╽_				
c. Slope Rack Kit (SRK). (Para. 8-49)		<u> </u>					<u> </u>	
d. Stowage provisions. (Para. 16-37)	V			_			_	
e. Fairings. (Para. 16-28)	\vee	<u>'</u>					_	
f. Standoff Brackets. (Para. 16-27)	Ŋ,							
g. Hull Bosses. (Para, 16-36)	\mathcal{N}				_		_ _	
 Port Track Shroud. Check for loose mounting hardware and damage. (Para. 16–28) 	1	/						
7. Port Final Drive, (Para, 7-18)		r di	ैं			1.00		
a. Outer Housing.	7	/						
b. Bolts.		/						
8. Port Sprocket Carrier. Check for loose mounting hardware and damage. (Para. 7–16)							£, 17 7, 49 2, 49	
9. Port Sprockets. (Para. 7-16)						(80) (80)	F. 36	
a. Inner.	下	J						
b. Outer.								

					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.								And the second s
a. Track Shoes.	7,4 (F4-	76-40.0	1/	9.48	1 - 008	AHTTERESA		M 17 May Pards
b. Track Pads.					<u> </u>			
c. Track Pins.	t /							
d, Track Wear.	$\sqrt{}$			Armoratora				
e. Track Adjustment,	·							tursion withle low
12. Port Road Wheels and Hills. (Para. 7–12). Circle those mumbers which are miserviceable.				· · · · · · · · · · · · · · · · · · ·	5400 1000 1000 1000 1000 1000 1000 1000		建	
a. Road Wheel Cracks/Damage. 1 2 3 4 5 6	/							`
b. Road Wheel Wear Rings. 1 2 3 4 5 6	N							
c. Hub Oil Leaks. 1 2 3 4 5 6 •	Ų			- Service				
d. Hub Oil Level. 1 2 3 4 5 6	7							
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.							新	
a. Torsion Bars. 1 2 3 4 5 6	V							
b. Retaining Screws. 1 2 3 4 5 6	Ŋ							
15. Port Shock Absorbers. (Para. 7-11)	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		計劃				記録	・ 大きないできるというできる。・ 大きないできる。・ 大きないできる。・ 大きないできる。・ 大きないできる。・ 大きないできる。・ 大きないできる。
a. No. 1 Shock.	V							
b. No. 2 Shock.	V							
c. No. 3 Shock.	17					\prod		
d. No. 4 Shock.	V							
e. Mounting Hardware.	1	/						
16. Port Front Single Support Roller, (Para. 7-14)	g 7:33	1 7	ar ij	牛些	e e	~1 E	12	
a. Support Wheel Cracks/Damage.	5	Л	T					
b. Hub Oil Leaks.	W,							
c. Hub Oil Lével.	V		\prod					
d. Mounting Hardware.	5	V						I ENCLOSURE (A

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NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
17. Port Dual Support Röller. (Para 7-15)			灩				With With	
a. Support Wheel Cracks/Damage.	V							
b. Hub Oil Leaks.								
c. Hub Oil Level.	1							
d. Mounting Hardware.	V							
18. Port Rear Single Support Rötler (Para 7-14)	を表	建				7		
a. Support Wheel Cracks/Damage.	abla							AND ALL PROCESSION AND AND AND AND AND AND AND AND AND AN
b. Hub Oil Leaks.	\vee							
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)			2793	200	A STATE	冷觀	# 10 Feb	
a. Idler.	٧,							
b. Outer Wheel.	V							
c. Inner Wheel.	V							
d. Mounting Hardware.	V					1		
e. Oil Level.	V							
21. Port Track Tension Adjuster. (Para: 7-8)	1	- 1 Tu	转叠	31.4	S. S.		33	A CANADA CANADA A CANADA CANADA A CANADA A CANADA A CANADA A CANADA A CANADA A CANADA A CANADA A CANAD
a. Track Adjuster Support.							<u> </u>	
b. Track Adjuster.	\overline{V}		İ	T	1	T	1	, , , , , , , , , , , , , , , , , , ,
c. Bleeder Valve.	V						┪	
d. Grease Fitting.	V			1				
22. Port Anode. (Para. 8–53) Check for tightness of mounting screw. Make sure there is no paint on anode.	\checkmark							
 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	1	1	T	
25. Footman Loop. (Para.) Check for weld cracks.	V	1			T	1	1	
26. Port Handrails. (Para.) Check for weld cracks.	V		1	1		T		-
27. Port Cargo Hatch Supports (Para.)	File File	2.50	1/2	<i>14</i>		*		(42) (1) (43) (43) (43) (43) (43) (43) (43) (43
a. Forward Support.	لَّـا			1	†			27 (27) (28) (3) (4) (7) (3) (4) (7) (7)
b. Aft Support.	IJ	1	+	T		\top	+	· · · · · · · · · · · · · · · · · · ·
28. Fuel Tank Pressure Relief Valve and Outlet Cover. (Para.) Check cover and mounting screws for damage. Check relief opens.	J							
29. Check fuel filter cap. (Para.)	V			1		T	1	

NOMENCLATURE/LOCATION	Satisfactory	Mlssing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
30. Stowage Brackets. Check for weld cracks.	1/					- Indiana		2. NEX MAY 2. SEED Lechnorithe secons account the stip the string and self-still second to the second secon
31. Bilge Pump Outlets.	靐	龙潭	連続	高度 基度	光 级		強能	
a. Hydraulic Pump Outlet.	V,							** *** *******************************
b. Electric Pump Outlet.	V							
32. Personnel Heater Exhaust Outlet		366	大學	And F.		藩		
a. Outlet Cap.	V.							
b. Outlet Adapter.	V							W
33. Exterior Fire Extinguisher Pull Handle		疆	发展	N. S.	FE.		E	
a. Handle.	V,							
b. Wire Seal.	W,							
 External Fuel Tank Drain. Check plug for tightness and leaks. 	V							
 Port Deflector. Check for warping and cracks. Check mounting hardware for tightness and damage. 	~	1						
36. Port Reverse Flow Duct. Check for damage and tight mounting hardware.	V		,					
37. Fuel Tank Pressure Relief Valve Outlet Cover. Check cover and mounting screws for damage.	V							
38. Port Propulsion Unit. Check unit for damage and mounting hardware for tightness. Rotate driveshaft to check for free movement of impeller.	W	/						Joenna Odas freely
Outside of Vehicle (Aft and Starboard)			225			验		
1. Tailights			73	1	32	温度	1	
a. Port Taillight.	1.							
b. Starboard Taillight.	ΙV							
c. Taillight Guards.	V							
 Hom. Check for loose mounting hardware, corrosion, and proper electrical connections. 	V							
Tow Cable Stowage Brackets. Check for cracked or bent brackets.	J							
 Towing Pintle. Check for loose mounting hardware. Check pintle for free rotation and proper quick—release operation. 	J							
5. Ramp Plugs. Check for tightness.	力	1	T			Ť	T	
6 Ramp Hinges and Towing Eyes. Check mounting	IJ	+	1	†	+	\top	†-	

								
						l		
	ory							
	Satisfactory	Ing	<u> </u>	ŝ	냝	асе	2	
NOMENCLATURE/LOCATION	Sati	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
7. Vision Block and Guard	建 整	****	2%		使歌			\$775
a. Vision Block Guard.	1/	1.000	\$16.00 m	- GELLEN		歌歌	學是	######################################
b. Vision Block.	\\ \tag{\tau}^{\tau}							
8. Personnel Hatch:				1600 THE 180	李號		发展	Paragraphic Company of the Company o
a. Personnel Hatch Handle (inner and outer).	TERMEN	1870 E	· 新华美/	AND T	4.不得	12/0	21.27	(國名中國共和元次支援上外等級的資訊的)。
b. Personnel Hatch Seal.	()	ļ	 					atta Pieter Part Part Periode Periode kirk in de Periode di televis de l'Adria de Carlos de Carl
c. Hook and Damper.	1)	<u> </u>	 					### ##################################
d. Mounting Hardware.		1		ļ				
9. Starboard Deflector. Check for warping and cracks.	M		 		<u> </u>			
Check mounting hardware for tightness and damage.	V	<u></u>						
10. Trailer Receptacle:	9.00		8	輸		龗	新華	
a. Cover.	\vee_i]			
b. Retainer Chain.	V							
 Starboard Reverse Flow Duct. Check for damage and tight mounting hardware. 								
12. Starboard Propulsion Unit. Check unit for damage and					1			
mounting hardware for tightness. Rotate drive shaft to check for free movement of impeller.	V							
13. Drive Shaft. Check for signs of damage.	V			Π				
14. Footman Loop. Check for weld cracks.	1/							AND THE CONTROL AND THE PARTY OF THE PARTY O
15. Starboard Idler Wheel and Hub		· 京	\$ \$20 \$ \$0 \$ \$		微		***	
a. Idler.	1/		1	T		1	T	
b. Outer wheel.	1/	1	T					
c. Inner wheel.	V		Τ	T				
d. Mounting Hardware.	V							
e. Oil Level.	1./							
16. Startxoard Track Tension Adjuster.		हैं। इस्त्री इस्त्री इस्त्री	19 (A) 17 (A)	夢				
a. Track Adjuster Support.	V							
b. Track Adjuster.	10	/						
c. Bleeder Valve.	Tv	4				\top	T	
d. Grease Fitting,	V	/						
 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,	7	1	\top		\top	+	

	NOMENCLATURE/LOCATION	Sallsfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
	19. Startoard Road Wheels and Hubs: Check those	建 签				擔		作家	The state of the s
1	numbers which are unserviceable			AND			13	188	
	a. Road Wheel Cracks/Damage. 1 2 3 4 5 6								
•	b. Road Wheel Wear Rings.					SATEL COLUMN		···-=	adaman and the state of the sta
	1 2 3 4 5 6	V							
	c. Hub Oil Leaks. 1 2 3 4 5 6					·			
_	d. Hub Oil Level.	V							
-		$\sqrt{}$							
	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	\checkmark							
~	 21. Starboard Torsion Bars. Check for broken bar and loose retaining screws. Circle those numbers which are unserviceable. 1 2 3 4 5 6 	1							
-	22. Startoard Shock Absorbers		-		13		- AF - 11 1	22.43	**************************************
	a. No. 1 Shock	V							
-	b. No. 2 Shock	17				Ī			
_	c. No. 3 Shock	1/							
-	d. No. 4 Shock	1					<u> </u>		
_	e. Mounting Hardware.	V							
_	23. Statoard Front Single Support Roller.	逐型	83	緣		瑟瑟	灩		
	a. Support Wheel Cracks/Damage.								
	b. Hub Oil Leaks.								
	c. Hub Oil Level.	1							
_	d. Mounting Hardware.	V							
	24. Starboard Dual Support Roller,	4			3.2	× - 5-	14. A	430	
	a. Support Wheel Cracks/Damage.	1/							
	b. Hub Oil Leaks.	V		Γ		1	T		
	c. Hub Oil Level.	V		Π				Γ	
-	d. Mounting Hardware.	V							
-	25. Starboard Rear Single Support Roller.			d la constant					
-	a. Support Wheel Cracks-Damage.	1/	-						
	— b. Hub Oil Leaks.	1/							
Ĭ.	e, Hub Oil Level.	1/	1						ENGLOSURE (+
	d. Mounting Hardware.	V							FINAFAGAILE (

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					激素			
a. Track Shoes.	٨/					122-169		Control of the Contro
b. Track Pads.	1/							ddennakrærnere er 19 m. 18 m. 18 m. 18 m. 18 m. 18 m. 18 m. 18 m. 18 m. 18 m. 18 m. 18 m. 18 m. 18 m. 18 m. 18 m.
c. Track Pins.								
d. Track Wear.	1/							
e. Track Adjustment.	1							
28. Starboard Sprocket Rings	1000 1000 1000 1000 1000 1000 1000 100	2-12- (-2-12-	1000 1000 1000 1000 1000 1000 1000 100	**************************************		15-22	· 文章 发表	
a. Inner.	7				-			
b. Outer.	V							
 Starboard Sprocket Carrier. Check for loose mounting hardware and damage. 	√							
30. Starboard Final Drive.	2000	多集	(1) (1)	, 1875 1875 1875	經濟	警	建	
a. Outer Housing.	1./							
b. Bolts.	1/							
31. Starboard Side Pontoon. Remove drain plug and check for water.	V							
 Starboard Track Shroud. Check for loose mounting hardware and damage. 	\checkmark							
33. Starboard Bilge Pump Outlets.	酃	0.45 0.45	3	133	.1/ F		鎭	
a. Hydraulic Pump Outlet.	1/	-						
b. Electric Pump Outlet.	1/		1	1		T	1	
34. Stowage Brackets. Check for weld cracks.	V				 	1	 	
 Heater Exhaust Outlet. Check for loose mounting hardware and damage. 	J							
36. Starboard Cargo Hatch Supports.		7		5 0.05 5 7 40	- 2.5	를 취약 라 (188	1	
a. Forward Support.	1./			T	+		1	
b. Aft Support.	1./	\top	T	1	+	+	+	<u> </u>
c. Hand Rails.	17	1	T	+		+	+-	
37. Footman Loop. Check for weld cracks.	17	-	T	1	\dagger	 	1	

	- 1	1					<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.	を を を を を を を を を を を を を る る る る る る る		阿斯斯	制建设		阿爾亞		
a. Armor Piercing Protection Plates Kit (APK). (Para. 16–69a)								
b. Steps. (Para. 16–72)								
c. Slope Rack Kit (SRK). (Para. 16-73)	$\sqrt{}$							irikasan marana karina karina marana karin 1889. Wilizin hilian tarang pasang pa _{lama}
d. Stowage provisions. (Para. 16–81)								
e. Fairings. (Para. 16-71)	1/							
f. Standoff Brackets. (Para. 16–70)					-			
g. Hull Bosses. (Para. 16-80)	· √							
III. Bottom of Vehicle	を変		· 经子	**************************************	3+35 5-35 5-35	新版	15 M	the report to the control of the second
Hull. Check bottom of vehicle for damage.	3./	-45.00	782,50	1.72.50	1/25-20	1410,200	10-12-EC	Charles of the Country of the Countr
2 Dram Plugs. Check for pussing tight, or damaged plugs.				· 1480 化学		を記する		
a. Hull				Î		3.7		
b. Ramp.	7							
c. Contact Cooler.	7							
IV. Outside of Vehicle (Topside)	2.5	32	1.0	穩	. E.V.	125	3-184 	
Hand Rail (forward). Check for weld cracks or other damage.	/							
Mooring Cleats/Lifting Fixfures (Check for damage (Para 8-34)	を記述			養護				
a. Forward (port and starboard).	V							
b. Aft (port and starboard).	1/							
3. Intake Grille NOTE Make sure intake prille is secured properly to the sec				· 建二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十				
a. Screen.	1			1		1		
b. Brace Rod.	./	1			1	1		
c. Cam Lock Handles Stop Screws.		1			<u> </u>	+	1	
d. Torsion Bar Assembly. (Para, 8-17)	Ť,	1	1	T	1	1	+	
e. Mounting Hardware.	1.	1	1	1	<u> </u>		1	
f. Seal.	1./	T		1	-	1	†	
4 Ventilister—Ampirator. Check that valve works properly and filet soreen is clean and not distinged. (Para. 8–18)	V	 	-		-		***************************************	
Fundanter Cover and Cap. Check ballistic cover for dimage and radiator cap for proper sealing. (Para. 8-19)	V			-				ENCLOSURE

	-						. 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 raised position.		1. 2. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.			美俚我们的			
a. Screen.	/							
b. Seal.	1							
c. Brace Rod.	1/							
d. Lugs (dogs).	1/		 					
e. Mounting Hardware.	Ž							
8. Plenum Indicators		建 套	4 (# 200 12 (13 kg)		爱	靏		
a. Intake.	1				7	1		47.22.200.000 0.220.0000.0000.0000.000
b. Exhaust.	1/					İ		
9. Searchlight Mount and Receptacle. Check for damage.	1					1		en en en en en en en en en en en en en e
10. Driver's Hatch	3	10 (10) 10 (10)		\$5.5				
a. Cover and Hinges.	1						1	
b. Torsion Bar,	Ť		1.7	1		T		Torsion Bor Cap (N)
c. Latches (open and closed).	17	 	1		1			10 10101 1701 (120 0
d. Seals and Pads.	1/	1			-			
e. Vision Blocks.	1/	Ì	 	1		1	\top	A second
f. DVE Adapter Assembly.	17	1	1		1	╁	1	
 Periscope and Support. Check periscope for breaks and chips and support for damage. 	V							
: 112 Commander's Halch		- 32						
a. Cover and Hinges.		19.64		5) ALL, NO.	E ETA	-	 	A MANAGEMENT OF THE PROPERTY O
b. Torsion Bar.	1/	+	\top	1	T	1	+	
c. Latches (open and closed).	1/	1	T		+	†	1	
d. Seals and Pads.	1.	+		\top	\dagger	\top	\top	
e. Vision Blocks.		\dagger	 	+	-	1	\top	-
13. External Exhaust system. Check the external mulfier, mulfiler guard, for damage and operation.	-				and a sum of the sum o	Company Toria	- Company	
a. Muffler.	1./		-		-	-	1	
e. Guard.	11/	(Ì	Ť	-		1	I I
c. Pipes Clamp.	T.	7	1	-	<u> </u>	1	+-	**************************************
		<u> </u>		·	!	<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.								CENTRAL AND AND AND AND AND AND AND AND AND AND
b. Torsion Bar Assist Mechanism (TBAM) Cover.	V							
c. TBAM.			-7 - C - C - C - C - C - C - C - C - C -					
d. Bosses.	1							
16. Cargo Hatches.							21	
a. Covers and Hinges.	1./							
b. Torsion Bar.	V							
c. Latches (open and closed).	V						_	
d. Seals.					-			
17. Antenna Mounts.								
a. Receiving Mount.	V							
b. Port Sending Mount.	V							
c. Starboard Sending Mount.	V							
d. PLRS Antenna Mount.	V							
e. DACT Antenna Mount.	V							
 Sea Tow Quick-Release. Check assembly for damage and proper operation. 	/							
Engine Compartment (Forward)		14.00 eg	="- a); 2					ing a second of the second of
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.	1/						T	
c. TACNAV sensor.	T./	1	T	1	\top	1	T	
2. Intake Plenum Actuating Cylinder.	- - -	Ť	1			İ		
a. Cylinder.	1./	1	T	1	İ			
v. Hydraulic Hoses.	14	- 1	+	 		1-	-1	

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace		Remarks MUST be Included if unserviceable.
4. Cooling Fan.							£.3	Application of the Committee of the Comm
a. Guard.	\checkmark							00 13.00 0 00 10 0 00 0 0 0 0 0 0 0 0 0 0 0 0
b. Shroud.	1							
c. Fan.	1/						·	**************************************
d. Bearings,	1							
e. Belt Adjustment.	V							AMATERA Ministra de Constitución como como promo por como por como como y como como como como como co
f. Seals.								- All All All All All All All All All Al
g. Fan Cartridge Bearing.	V							And the state of the section of the
h. Drain Tube.	/			·-·.				_
5. Surge Tank		Paris 1000				製造	K4:3	
a. Tank	9/							
b. Valve.	1							
c. Hose and Tubes.	\							
d. Mounting Hardware.	1							
6. Crew Ventilation.	3"		10 A)	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	7 (Sp)	F 12	Y 3	
a. Ducts, Clamps, and Hoses.	1							
b. Drain Tube.	1				Ì			
7. Control Linkages.	Ž		3.50	27		11-11 11-12 11-22	10 TO	
a. Brake Linkage.	V							
b. Steering Linkage.	V			1	1	1		
c. Throttle Linkage.	V		1		1	1		
d. Brake Flood Control Valve Linkage.	Ť		一	 	1	1		
NOTE	1. /	1			"			
Make sure flood valve spindle moves freely.	V							
e. Engine Compartment Exhaust Fan Linkage.	1/		1	 	1		1	
 Transmission Mounts. Check mounts for loose mounting hardware. Check transmission guide and guide rollers for damage. 	Ť		/					A Lot of Rust
Electrical Wiring and Connections.	1	+-	1	+	+		╁	
a. Bulk Head Connectors.		+	1	+	+	-	+	
b. Power Plant Wiring.	$\frac{1}{V}$	/	+-	+		+	+	
c. Crew Vent Fan.	TV.	-	+	1	1	1	-	
d. Electrical Bilge Pump.	14	-	-	-	-	-	-	
Hydrostatic Steering Disconnect Lever. Check lever for correct operation, damage, and wear. Check for leaks,	V							

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NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
11. Port Final Drive	變	恋			Y.	變		
a. Oil/Oil Level.	1							
b. Oil Leaks/Seals.	\checkmark				<u> </u>			
c. Mounting Hardware.	1							
d. Speedometer Adapter/Cable.	\checkmark						No.	
 Port U-Joint. Check for wear, tight screws, and proper safety wiring. 	./							
 Port Hydraulic Bilge Pump. Check for oil leaks, loose mounting hardware, damaged screen, and debris. 	V							
14. Bilge Pump Bypass Valve. Check for oil leaks, loose mounting hardware, and damaged electrical connections.	V							
 Plenum Solenoid Valve. Check for oil leaks, loose mounting hardware, and damaged electrical connection. 	\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.	./							
 Forward Engine Compartment Fire Extinguisher Discharge Nozzle. Check for damage and debris. 	V							
 Port Lateral Drive Shaft. Check shaft for damage and coupling for tight mounting screws and proper safety wire. 	V							
20. Port Right Angle Drive. Check oil level. Check mounting hardware for looseness. Check for signs of leaks.	V							
21 Slatboard Final Drive	變	133				量		
a. Oil/Oil Level.	1/	1				1	1	
b. Oil Leaks/Seals.	ľ	1	1			1	1	
c. Mounting Hardware.	1			T	T	T	Τ	
 Starboard U-Joint. Check for wear, tight screws, and proper safety wiring. 	V	1						
23. Starboard Lateral Drive Shaft. Check shaft for damage and coupling for tight mounting screws and proper safety wire.	V	1			and the state of t			
24 Starboard Electrical Brige Pump. Check screen for debris and damage. Check mounting hardware for nightness.	1	1		,		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	-	

					 r			
NOMENCLATURE/LOCATION	Sallsfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
 Precleaner. Check cleaner for damage, loose mounting hardware, and loose clamps. Check screen for damage and debris. 	/					-cuotoreia		
 Crew Ventilation Fan. Check mounting hardware for looseness. Check ducts and clamps for damage and tightness. 	\checkmark							
 Starboard Right Angle Drive. Check oil level. Check mounting hardware for looseness. Check for signs of leaks. 	V							
28. Starboard Right Angle Drive Shaft. Check condition of shaft coupling for damage. Check coupling bolts for tightness and proper safety wire.	V							
 Fan Drive Shaft, Check shaft and coupling for damage or wear. Check safety wire for damage. 								
30. Fuel Filter	30	李蒙	臺灣	變	骥		瓣	经 证以10世纪10世纪
a. Fuel Leaks.	V							
b. Drain Cock/Contamination.	1/							
c. Electrical Leads/Transducer.								And the second s
d. Mounting Hardware/Air Valve.				†		\vdash		A STATE OF THE STA
31. Power Takeoff Unit	### ###	# (*)	- F	3 52 54.			3	
a. Oil Leaks.	1,/	1						
b. Mounting Hardware.	17						T	
c. Electrical leads/Connections.	1/						İ	
 Starter. Check that starter is mounted properly. Check electrical leads and connections for damage and proper connections. 	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							
 Exhaust Manifold (starboard side). Check for cracks, holes, and corrosion. Check mounting hardware for tightness. 	\/							

								
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.	\checkmark							
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				<u> </u>	Paint Covering Reading
g. Check transmission drain line for leaks, damage, and loose drain plug.								V
VI. Engine Compartment (Aff)	u jir.	才達	建	100	100 mg	100	25% A. fid	
Exhaust Plenum. Check actuating cylinder and oil lines for leaks. Check condition of plenum seal.	\checkmark							
 Components Bolted on forme Engine. Check for tight mounting hardware, proper electrical connections. damaged losses and electrical leads; and leaks. 	新加州							
a. Turbocharger.							<u> </u>	
b. PT Pump.	<u> </u>	<u> </u>			1		<u> </u>	
c. Exhaust Manifold (port side).	1/	1					<u> </u>	
d. Engine Oil Cooler.					<u> </u>			
e. Engine Oil Filter.		1						
f. Intake Manifold.	<u>\</u>	_	<u> </u>					
g. Smoke Generation Components.	\ <u>\</u>							
h. Cold Start Components.	$ \vee $		丄					
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						
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	/						
 Tachometer Drive Shaft. Check for adapter and cable damage. 	1	/						

				 i			 -	
NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
Radiator. Check for radiator damage. Check for water leaks on radiator and coolant tubes.							·	
 Exhaust System. Check condition of insulation. Check for loose mounting hardware and damaged scavenging system check valve and for leaks. 								
 Engine Compartment Exhaust Duct. Check for cracks or other damage. Check mounting hardware and clamps for tightness. Check tubes for proper mounting. 	\checkmark							
 Engine. Check overall condition of engine for cleanliness and fuel, coolant, and oil leaks. 	\checkmark							
11. Generalor	建學		翼					
a. Bracket and Hardware.								
b. Pulley and Belt.	\checkmark							
c. Adjustment.	\checkmark				<u> </u>			
d. Voltage Regulator	\checkmark							
12 Water Pump, Check for leaks	n santi	1		*	A	뻏		老师是你我看着这一样
a. Pump.	\checkmark							
b. Hoses and Tubes.	V							
c. Belt and Adjustment.	$\sqrt{}$							
 Fire Extinguisher Discharge Nozzle. Check for damage, debris, and condition of safety wire. 	\checkmark							
14. Engine Oil Heat Exchanger. Check mounting hardware for tightness. Check for oil leaks. Check electrical leads for damage and tight connections.	✓							
 Cold Start Disconnect Lever. Check for proper operation. damage, and corrosion. 								
16. Hydranlic Reservoir	480 840 840 840 840 840 840 840 840 840	變	鬘	邀	2	100		
a. Oil Leaks.	1/				1		7.2.00	Control of the second s
b. Mounting Hardware,	17						\vdash	
c. Oil Level.	1						1	
d. Dipstick for damage.	1/	1	1	1	1	1	1	
		·	<u> </u>	1	<u> </u>	.1	ــــــــــــــــــــــــــــــــــــــ	

. 1

	ICLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modity	.Remarks MUST be Included if unserviceable.
	note Note me troop compariment open. Soundstom mit tower ramp.								
inimits rews and Check covers for	son Access Covers (air). Check all a clamps for damage and operation.								
a. Aft Upper.		4							
b. Aft Center.		V.		ļ					
c. Aft Lower.		<u>/</u>					ļ		
d. Port Upper.		V	 		<u> </u>	ļ	_		
e. Port Lower.		1				 			
	n Fuel Control Valve. Check to see if ely. Check for any damaged			V					Doesn't stop twisting
3. Engine Compartr	nent Fire Extinguisher.	繁	瀛		\$ (4)		韓	靏	
a. Bottle and Ta	\$	V							Tag @
b. Control Valve		/				Ī			
C Clamps.		ĪV							And the control of th
	Outlets. Check for free movement vers.	V							
 Coolant Bypass properly in retain 	Tube. Check to see if tube is mounted ing brackets.	1							
6 Air Cleaner Con	STATE OF THE PROPERTY OF THE P		2.00 2.00 2.00 2.00 2.00 2.00 2.00 2.00		30/2				
a. Access Door		1/	1						
b. Réfaining Br	ackets.	\/							
c. Flement.		1							,
d. Compartmen	i	V	1						
	e Access Cover. Rotate weapon cess to cover. Check cover for proper age.	V			The same of the sa				
dannage. Check	udinal Shaft Cover. Check for for loose mounting hardware.	V	ļ		-				
Singboard Longs and Counting for safety wire.	ndinal Shaft. Check shaft for damage right mounting screws and proper	V		to property the second second second	As illess to the specimens.				

NOMENCLATURE/LOCATION 10. Huel Tank Drank - Check both valves for proper	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
operation. Check fuel lines and fittings for leaks. Check standal shutoff valves to make sure the handle? rotates freely.								
a. Internal Fuel Tank Drain.	V				200	200	1	
b. External Fuel Tank Drain.	. /				<u> </u>			Company of the Compan
c. Fuel Lines and Fittings.	V							<u>————————————————————————————————————</u>
d. Manual Shutoff Valve.	V				<u> </u>			
11. Fuel Tank	レ	AND THE PERSON NAMED IN	1989	42.56	**************************************	- 1	5-600kg	· · · · · · · · · · · · · · · · · · ·
a. Electrical Leads,	V	No.	-3-36-06	TO A TO	yana	THE PER	in the same	The state of the same of the state of the st
b. Leaks.	/	 						
c. Retaining Straps.	V				+	 		
d. Breather Cap.	V		1	 	1	╁		
12. Troop Seals		- 3 25		独		48	灩	
a. Hinges.	5,585	ul.		1		3355	4.55	missing Sectoring pins
b. Supports.	-	1						No.
c. Seat Pans.	1	Ì						
d. Cushions.	1		\top					10
e. Safety Belts/Straps.		1/	′	T		T		
f. Adjusting Rods.	1	1				Τ	1	1
13. Interior Stowage.	E 4994 新兴	0 20% 所	∰ ∰. 4 (₩.±	2 - 12 · 14 2 · 14	49 高級 2 4級	· ** *********************************	f 7/2 g (k)	Control of the Contro
a. MG Cleaning Rod Bracket.	V						abla	
b. Rifle Brackets.	1					T-		
c. Water Can Supports.	1./	1						
d. Seat Stowage Supports.	1/	7						
e. DVE Container.	1	-	T				T	
f. Portable Fire Extinguisher Bracket.	V			Τ		T		_
g. Pamphlet Stowage Rack.	V	1	T	T		T		
h. Ammo Box Bracket.	V	1		T				
i. Hand Oller Bracket.	V	1			ļ			
j. Tool Box Stowage Support.	V	1						8
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	/						

		1	-				-	
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.	/							
e. Battery Box Drains.	V							TOTAL MANAGEN MANAGENT AND LOCAL CONTROL OF THE PARTY AND AND AND AND AND AND AND AND AND AND
f. Battery Instruction Plate.	1							
 Radio Guards. Check guards for damage and loose or missing mounting hardware. 	V							
17. Deflector Actuator Guards. (Check guards for debris and damage.) Check mounting hardware for ughiness.						本 本 本 本 を を を を	正整形 型	
a. Port	/							
b. Starboard.	~							
18. Water Steer System Components	46 - C			12.75 32.75 18.45 18.45	61-03 61-03 	2000 2000 2000 2000		
 a. Water-Jet Deflector Position Sensing Module (port and starboard). 	/	<u> </u> -						
 b. Water–Jet Deflector Servo Module (port and starboard). 	V					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					T		
19. APSSS Electrical Components.	氢		-			2-12-13-14-14-14-14-14-14-14-14-14-14-14-14-14-	湿	100mm 100mm
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.	/							
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							
 Troop Ventilation Outlets. Check for free movement and damaged louvers. 	V	1						Ĭ
13 Flamp Lock Linkage. Check to see that Enhage does not bind. Check for bent or warped linkage rods.	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 sponey condition.								
Ramp Seal. Check mating with hull in closed position.	/							
b. Vision Block Cover.	/			***********			······································	22222222442444444444444444444444444444
c. Skid Bars	/						2-2-1	And the second second second second second second second second second second second second second second second
d. Quick-Release (Visual Only).	7/							
e. Tow Pintle Release.	1/				<u> </u>			
25. Deck Plates	5436		寰	4.漫	44	新	1	Design to the second se
a. Deck Plates (port and starboard).	V	1	1 1 1 1 1		E) ELITY	U jay	~_16@AQ1	The state of the s
b. Center Deck Plate.	7							
c. Contact Cooler Bleeder Valve Access Cover.	1				1	\vdash		
d. Bilge Pump Access Cover (port and starboard).	V	İ			†			,
e. Tiedown Rings.	1/	 			\vdash			
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				İ			
28. Ramp Cylinder and Cable.	V	1			T	T		19.6
29 Hydraulic Bilge Pump	2/3	(E) 1			150			
a. Bilge Pump.	V	1						
b. Outlet tube.	V	1	1				1	
30 Electric Bilge Pump 4		蒙		藝	2 100		讏	
a. Electric Pump.	V				1 1 1 1 1	1 100-100		The state of the s
b. Outlet Tube	1/	1		1		1	╁	
31 Biles. Check for Geanliness and obvious signs of damage.								
a. Brackets and Mounting Hardware.	1				 			
b. Discharge Tubs and Nozzles.	V		1	1		1	1	
32. Fire Extinguisher (17 lb).	- Income						1	
a. Mounting Hardware.	TV		1	1	1	1	1	
5. Discharge Tub and Seal.	1	7	+	1		-	-	
.c. Tag Date	Ť	V	T		Ī	1	Ì	
d. Seal	ĺν	/	İ	İ			1	

NOMENCLATURE/LOCATION	Salisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
33. Personnel Heafer.		小					瓣	を含めた。 では、 では、 では、 では、 では、 では、 では、 では、
a. Mounts.	V	<u> </u>						
b. Exhaust System and Cover.			V					Handle seized/Broker
c. Electrical Wiring and Switches.	V				,			
d. Fuel System.	V							
e. Heater Ducts.	V	1						
34. Port Longifuginal Shaft Cover. Check for damage. Check for loose mounting hardware.	V				穩			
 Port Longitudinal Shaft. Check shaft for damage and coupling for tight mounting screws and proper safety wire. 	/							
36. Radio Momis	10 mg		事事	ا موقعها موقعها	魏	V.	JES.	· · · · · · · · · · · · · · · · · · ·
a. Check Mounting Hardware.	بجولا		1					Top Stack uninstall
b. Check Radio Mounts.	1							
c. Check Radio Cables.	1							
37. HPLRS Rack	#100 m 유 : ^	A WEIGHT	新花的 花式	-GMRFTT	沙堡	700	20 数数	en propinsi kanalan kanalan kanalan kanalan kanalan kanalan kanalan kanalan kanalan kanalan kanalan kanalan ka Manalan kanalan kanalan kanalan kanalan kanalan kanalan kanalan kanalan kanalan kanalan kanalan kanalan kanala
a. Check Mounting Hardware.	V							
b. Check Radio Mounts	V							
c. Check Radio Cables.	V							
VIII. Driver's and Commander's Station	22	12	- A	- 15 - 25 5 - 35 / 1	1 6			
1. Access Covers.			響	7.00	100	有程	期间	(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)
a. Hydrostatic Steer Disconnect Lever.	/		<u> </u>					
b. Final Drive U-Joint.	~							
c. Hydraulic Reservoir.	1							
Flapper Valve. Check spring tension flapper. Check mounting screws for tightness and damage to flapper.	1							
 Fire Extinguisher (7 lb). Check mounting bracket and hardware for tightness. Check tag for date bottle was last weighed. Check wire seaf on control head. 	10000000000000000000000000000000000000			10000000000000000000000000000000000000		非政		
a. Bracket and Mounting Hardware.	1							
b. Tag Date.	Ī	1	1				Τ	
c. Wire Seal.	1	1		T		1	1	
Ramp Lock Handle. Check bandle and lock for immage and proper operation.	1							
 Ramp Control Valve. Check for damage, loose fittings, leaks, and loose mounting hardware. 			1					leaking at handle

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
 Fire Extinguisher Discharge Handle. Check handle for damage and unbroken wire seal. 								
 Power Train Switch. Move lever and check for binding. Check bail for damage. 	\checkmark							
Mode Selector Switch. Check for missing or damaged toggle switch.					Ì			
 Handle Throttle. Move throttle and check for proper operation. Check linkage and cover for damage. 	V	·		***************************************	23000			
 Gear Selector. Check console for loose mounting hardware for damage. Check movement of selector through all gear range. 	/							
Air Cleaner Restrictor Indicator. Check for proper mounting to bulkhead. Check indicator for damage.	V							
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	多 数数	3.E	(A)	凝	龘	휇		
a. Mounting Hardware/Brackets.	<i>√</i>							are are interpretable and the second
b. Pedal and Pedal Stop Screw.	V							
c. Water Drive Switch.	/	1			<u> </u>			
 Brake Pedal. Apply and release brakes to check binding. 	V							
 Parking Brake Handle. Check for proper operation. Make sure that parking brake holds and releases properly. 	L							
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 writing.								
a. Steering Wheel.	1	** ****		21 2000 the	-9375,40	± 48€ \$ 75	# # 3 .5	Charles And the Control of the Contr
b. Steering Wheel Sensing Module.	1	1	T			1	1	
								

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
 Indicator Panel. Check mounting hardware and grounnets for lightness; and damage. Check for loose. 								
or damaged switches lights, and buttons:		證				200		
a. Master Switch.	1							
b. Lamp Test/Warning Cancel Switch.	1						Ì	ramana arang arang arang arang arang arang arang arang arang arang arang arang arang arang arang arang arang a
c. Horn Button.	1	İ						
d. Panel Lights Brt/Dim Switch.	1							
e. Cold Start Switch.	V							
f. Starter Button.	1/							
g. Light Switch.	V							
h. TACNAV Indicator.	/			<u> </u>				
i. Tachometer.	V	İ						
j. Speedometer.	V							
k. Smoke Generation Indicator Light.	1							
l. Smoke Generation Switch.	1	Ì						1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
m. Forward Electric Bilge Pump Switch.	V		Ī					
n. Aft Electric Bilge Pump Switch.	1				ĺ			
o. Aft Electric Bilge Pump Indicator Light.	V,	Ì						
p. Forward Electric Bilge Pump Indicator Light.	V				<u> </u>	1		
q. Aft Hydraulic Bilge Pump Indicator Light.	V			Ì				
r. Forward Hydraulic Bilge Pump Indicator Light.	V							
s. Ventilation Switch.	1	1		1	İ		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.								
 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 rotales freely. Check mounting hardware for tightness.	(1) (1) (2) (3) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4	1. は 1. は 1. は 1. は 1. は 1. は 1. は 1. は		1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2				
a. Driver's Outlet.	V							
b. Commander's Outlet.	V		T		-	T		

	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	
NOMENCLATURE/LOCATION	လိ	ä	Se	Ad	æ	Re	M	Included if unserviceable.
21. Vent Air Hoses, Tubes, and Duct. Check for loose clamps and mounting hardware. Check for damaged hoses, tubes, and duct.								
22. Bilge Outlet 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.								33
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	1						
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.	/							
28. Manual Fuel Shutoff Handle. Check shaft for damage and grommets for wear. Rotate handle to check for free operation.				ļ				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.	/		WAY.					needs PM
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							
31. Interior Decals and Instruction Plates. Check to see that they are readable.	V							
32. Fire Extinguishers (MESS and AFSSS) NOTE At this time all fire suppression system bottles are to be pulled and weighed.	機構を変するでき		をはないできる。	の機能を対した。	温泉のできる			
a. Mounting Hardware,	1		Π			Γ	T	
b. Discharge Tube and Seal.	1							
c. Tag Date.			1					
d. Seal.	1							
 Drive Shafi Guards. Check guards for damage and mounting hardware for tightness. 	1	<u> </u>						

	NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.	
	IX Equipment Operation	*					鑵			
	1 Start vehicle check operation of the following:	沅								
,	a. Master Switch.	\checkmark							W 1000000000000000000000000000000000000	
	b. Horn.	/							***************************************	
	c. Fuel Level Indicator.									
	d. Battery Generator Indicator.	/							- Victoria de la companya del companya de la companya del companya de la companya	
	e. Electric Bilge Pumps (forward and aft). :	V								
	f. Panel Lights (brt/dim).	V							· ·	
	g. Display Panel Warning Lights.	V							4	
	h, Vent Switch Low Position.	V								
	 Perform Diagnostic Test Equipment checks in accordance with TM 09674A-25&P/4, (See worksheet at the end of this Appendix). 									
	Webicle Stall Check: With brakes locked, and gear selector in 4th gear, accelerate fully and check the following:	· 有理解		できる。			の対象を	是未被		
	a. Brakes.	~							**************************************	
	b. Transmission.									٠.
	c. Engine. RPM.	~							2500 needs mnt run	10 10
	d. TACNAV Indicator. Check that system powers and display works.					\			INOP	
	4 Lights Check that lights work properly.		122	1000	100	14年 14機			The second secon	
	a. Light Switch.	V								
	b. Service Drive.	\mathbf{k}	5							
	c. Dimmer Switch.	1								
	d. Blackour Markers.	1/								
	e. Stop Light.	V								
	f. Park.	V				T	T			
	g, Searchlight.	V	1			-				
	h. Interior Dome Lights.	V	1							
	 Driver's Viewer Enhancer (DVE). Check that power system works. 	J				- Anna				
	! amp Test Warning Cancel Switch. Check audio	V								

idle soun back

	Satisfactory	Vilssing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be
NOMENCLATURE/LOCATION	(a)	≥	CO CO	<u>حرجة.</u>	<u></u>	TD 444648	Į	Included if unserviceable.
X. Functional Road Test		9	1		- 33	\$ 15 m		
Steering. Check operation and drift.	4	_						
Gear Ranges. Check for slippage and that lockup works properly.								
3. Smoke Generation. Check for correct operation.	1							
 Brakes. Check to see if brakes pull to one side or the other. 	J							; \$s ·
5. Speedometer. Check for correct operation.	U							ૂ *5
6. Noises. Check for any unusual noises.								
XL Water Systems Test	. :	21h			\$. 实		会 (建	
 Plenums. Check that plenums close completely. Fan shuts off. (Para, 8–13) 	1							
Check if hydraulic bilge pumps operation.	17							
3. Check if electric bilge pumps operate.	17				j			
4. Check that jet drive activates at 1000 to 1200 RPM.	J							
5. Bow Plane Operation the same and the same	- E-64	\$ 5	(高) 表 (2)	3	盛	7	300	
 Control Valve. Check for proper operation and leaks. 	/							
 b. Bow Plane. Check that it fully extends and retracts. 	/							y
 c. Pivot Actuator. Check for leaks, unusual noise and smooth operation. 	7							

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. $\frac{3-1/-10}{20200414}$ USMC No. $\frac{52}{1000414}$ Ins	<u>SF</u>	15			Mi		(b)(3	Hours 258 3), (b)(6), (b)(7)(c)
*See Table C-1 for UG				Crit	eria.	(Rant	(Signature)
NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
L Basket Weldment			v *	1. E.		5-1-4 	21.5 (2)	2011年1月20日 - 10
Basket Weldment Clearance.								
Area around sides of basket weldment clear of obstructions.								
b. Area around 12 channel slip ring clear of obstructions.	-							
2. 12 Channel Slip Ring.								The state of the s
a. Electrical connectors tight and in good condition.	1							
 b. Upper portion of 12-channel slip ring rotates freely. 	17		<u> </u>					
c. Manual and electrical weapons station operation.	1/	1						
Relay Assembly.								
a. Box secure to bottom of basket.	7	}						
b. Electrical connectors tight and in good condition.	7							
4. Basket inspection	lν							
 a. Seat belt secure, latch working properly, belt in good condition. 	والمستسمين دراسها					V	di manga	
 Stowed items do not overhang basket. 	V						-	
 Seat in good condition, locks in all height positions. secure in basket assembly. 	1/	,						
II. Weapons Station Interior		1	1					
1. Turret Power Control Assembly.					1 2		1.	
a. Box cover secure. Box secure to basket weldment.	/	1				-	ĺ	
b. Electrical connector tight and in good condition.	1	Ť	1			Ì	1	
2. Weapon Control Assembly.		1		1	1.0			
a Roy comer secure. Boy secure to backet weldment	1./				1			

b. Electrical connector tight and in good condition.

								date to a finish throw and the last the first through the first through the form the first through the
NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
3. Traverse Switch Assembly	變	南			液	额		
a. Box cover secure to basket weldment.	/							And the second s
	H. Harr				\			electrical lead corroded
4. M36F-ISSPenscope.			饠				***	
a. Mounting Screws. Check screws for security. Check sight is secure to turret weldment.	V							
 b. Sight. Check for moisture in window and in mirror. Check condition of glass. 			/					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-piece
d. Latch Assembly. Check that latch moves freely, and has spring tension.	V							
e. Hanger Strap. Check for serviceability.	/							
f. Head Assembly. Check nuts on head assembly for tightness.	1							
g. Body Assembly. Check mounting hardware for security and that safety wire is present.	1							
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							,
 Sight Power Electrical Connectors. Check that electrical connectors are in good condition. 						V		ground to sight cable is ripped ,
 j. Check for cracks, dents, burns and chipped paint on housing. 	1							and the second s
 k. Check that valve cap is tight and retaining strap is not broken or missing. 	V							strap (m)
 Check that both knobs on elbow assembly move freely from LO to HI position, 	V							
 m. Check that lamp holder is tight and packing is installed. 	/							
n. Check that ping or shutter switch is present. If missing, notify supervisor.	1	1						
 Check that all boresight knobs move freely, and scales can be easily read. 	V				1			
p. Check ID plate for damage and if it can be easily read. If plate cannot be read, notify supervisor.	V	1	1	1				
 q. Check that shutter switch will not move to ON without pushing safety button first. 	1	/			T			
 Check that valve cap strap is not damaged or missing. 		~	1					
 Check that all screws are tight on mounting hardware. 	1							

				-				
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. 	V							
17. Linkage. Check for security and condition.	1			SEPENSION .				/////////////////////////////////////
 Grenade Launcher Inhibit Switch. Check for security and condition. Check that electrical connector is tight and in good condition. 	V	·						
 Elevation Interrupter Switches. Check for condition and security. Check that electrical connectors are tight and in good condition. 	V						Ţ	A0020203-1
 Utility Light. Check that light and electrical connector is secure and in good condition. 	\bigvee							·
21. Communications Box	37.00 A		靈	1.00m 100m 100m			が登	
 a. Check that electrical connector is tight and in good condition. 	~							
 b. Check for security and condition. 	~							
22 Weapons Station. Inspect for damage, security and clarity.	148 400 100 100	授				() ()	の場合に	
Vision Blocks. Inspect for damage, security and clarity.	1							
 b. Ring Gear. Inspect for damage and corrosion. Should be clean and no grease. 	/							
23. Haich	製物	465	48	黎	聖	· 透	199	
Seal, Hatch, Hinges. Inspect for damage, loose hardware and proper operation.	V	,						
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).	V							
 c. Hatch Handle. Check security, condition and proper operation. 	/							
 d. Crash Pads. Inspect pads on hatch and weapons station for security and condition. 				T		V		Torn/worn
24. DAGR						2 23		
 a. Check that electrical and antenna connections are tight and in good condition. 		V	A =					
b. Check for security and condition.		Ť	4-	+	+-	+	+-	

NOMENCLATURE/LOCATION 5. Exhaust Blower, Check for corrosion and debris, Make	Satisfactory	Missing	Service	Adjust	Renair	Reniace	Modify	
sure electrical connectors are tight and in good shape. Check operation of blower door.	SCA COLOR STATE		V					Stays on when switch is off. Switch magnetizes
So Caliber Ammo Ejection Chute, Check for condition and security. Ensure that chute is clear of debris.				31 E				
a. Check ejection-chute hose for security and condition.	V							
	V							
 Equilibrator. Check for corrosion, security and adjustment. 	V							
8. 50 Califor Ammo Feed System	数		138	藞	, 188	5 元 数 数据	科·	The state of the s
a. Check security and condition of .50 caliber ammo trays.	V							
 b. Check security and condition of roller guides. 	./			<u> </u>				
9. 40mm Ammo Feed System	100	48	1.72		訓滅	3 第		Hame the term of the second second second
 a. Feed Chute. Check for dents, corrosion and/or damage. 	·/							
 b. Check feed-chute cover for tears. holes; zipper must move freely. Check attachment points for security and condition. 	1							
c. Check anti-feedback lever for condition and security.	V							
10. 40mm Ammo Box Assembly		暴					\$ 30	
a. Check security and condition of box, doors, and flaps.	V							
b. Check operation of latches.	V			T				
 c. Check that electrical connector on last—round switch is right and in good condition. 	V	1						
 40mm Charger Assembly. Check condition and security of charger tube. 	V							
12. 40mm Mantlet		整		生世				
a. Check condition and security.	V			T				Necds PM
b. Check operation of cover latches.	\	1	1	\top	1	\top	\top	
 50 Caliber Mantlet and Cradle. Check condition and security. Check for damage, cracked welds and bare metal. 	~	,						
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
 Elevation Control Assembly. Check for security and condition. 	V	1						Needs PM

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.								
3. Smoke Grenade Launchers	1889) 1872	耄		被歌 李密	300°			AND CONTRACTOR SERVICES
 a. Tubes. Inspect sight tubes for dents, cracks or corrosion, and security to mounts. Check security of mount to turret. 								
 Electrical Contacts. Check that contacts are tight and free of corrosion. 	W							
c. Rubber Caps. Check sight caps for condition.		V						1 eap
 Entrance Window. Inspect condition and security. Look for signs of moisture. 			/					moiture Doesn't go down Needs PM
Sight Cover. Inspect condition and security.		<u> </u>	V					Doesn't go down
 6. 40mm Manflet Cover. Check for security and condition. Check operation of latches. 	1	WA						Needs PM
 Remote Antenna. Check security and condition of cover. 	V							T.
IV. Functional Tests		1	嫐	燧	是	拉爾	靏	
1. Mamial Operation. Check for weapons station binding and backlash.	新疆	王 1		()			対数は	
 a. 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. Whice master switch and turret powers writch ONL Check operation as noted.								
 a. Control Box Lights. Check that control box lamps light when turret power switch is ON by pressing lamp test all button. 	V							
 b. Domelight. Lights in both blue and white switch positions. 	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						
f. Exhaust Blower. Check operation,		V	1	$\int_{-\infty}^{\infty}$				Doesn't turn off

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
3. :Low Arnino System Test.		92	20 (A) 20 (A)	7.0	67.25 (E) 10.45 (E) 10.45 (E)	V	100	
a. Last–Round Switch OFF. Last–round indicator light on, triggers do not work.	V	annowens	ediscount.	name of the second		45.77	Austria ZZZ	The state of the s
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 StationsSystem Perform test as prescribed in Section 3.2						議題	影響	
a. Manual Elevation. Check operation.	V							
 Deck Clearance. Check clearance of all obstacles. Check all inhibit zones. Weapons electrical trigger will not fire while in inhibit zones. 	V						W	
5. Smoke Grenade Lauricher Test 1705	200 200 200 200 200 200 200 200 200 200	5-3- 45-5	靈	*3.00 ****	鑁		34	
a. Tubes. Check that they are clear of grenades.	1					Т		
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.	-	Was	/				-	wining cable to inhibits switch is cut
6. DAGR Operational Tests Refer to TM/H 5820 1172 113			te de la companya de					
a. Check that DAGR passes self-test.			1					Ç.
b. Check that DAGR is using vehicle power.		1	4					
c. Check that DAGR is using remote antenna.								
d. Check functioning of DAGR screen back lighting.	T		/			T		

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E08467K 2 - CAP, Protective, Dust And Moisture Scalt PN A3207525-1 CAGE 80063	5340-01-381-5666	523195	4	Z	29916452	×	\$13.19	\$52,76
BOR- Pry: 0.3 lb; PN 8107.410 CAGE 05047	\$120-01-355-2064	523195	-1	z	29916452	Þ	\$9.95	\$9.95
E08467K DRIFT PIN, Track: PN 2590157-1 CAGE 80064	2530-01-075-8292	523195		z	29916452	Þ	\$98,54	\$98.54
E08467K HAMMER, Hand: Sledge; 6 lb wgt, 32 in. lg: PN B107,400 CAGE 05047	\$120-00-265-7462	523195	-	Z	29916452	×	\$24.48	\$24.48
E08467K HOIST, Wire Rope: PN 4000-20 CAGE 93601	3950-01-071-1746	523195	۲	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
EDEASTK LUBRICATING GUN, Hand: PN 1142 CAGE 1PLS7	4930-00-253-2478	523195	1	Z	29916452	Þ	\$11.67	\$11.67
E08467K MEASURE, Hquid: PN 07472 CAGE 4NSU7	7240-00-255-8113	523195	_	Z	29916452	Þ	\$40.01	\$40.01
E00467K OILER, Iland: PN AS0477-AS: D-D CAGE 58536	4930-00-262-8868	523195	1	N	29916452	Þ	\$6,47	\$6.47
E00467X SCREWDRIVER, Hat Tip; 0.250 in, Width; PN 66-441 CAGE 636D0	5120-00-222-8852	523195	>	Z	29916452	Þ	\$2.67	\$2.67
E09467K SOCKET, Socket Wrench: 1-1/8 in., 3/4 dr; PN LDH362 CAGE 55719	\$120-01-378-5543	523195	1	N	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
1 - EXTENSION, Socket Wrench: 1/2 in. dr; 5,000 in. lg: PN 00553401 CAGE ZD484	5120 00-243-7326	523195	1	Z	29916452	æ	\$6,72	\$6,72
E08457K 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	1	Z	29916452	4	\$9.50	\$9.50
609467K WRENCH, Box: 5/8 In. wr surf.: 3/4 in. wr surf. offset: 12 pt wr surf. PN ASSSA CAGE 81343	5120-00-224-3138	523195	_	N	29916452	Þ	\$6.59	\$6.59

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TAMON NOMEN	NIIN	SERIAL# QTY (Condition Cod	de 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: 25200415

PURPOSE OF LTI: JLT	7	SERVICE REQUES	ST: 29	87169	6
RESPONSIBLE UNIT: 3	PAABN	SET SERIAL: 52			
NOMENCLATURE: AAV		-		NSN: 2	350-01-458-74/0
NOMENCLATURE	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	SERIAL	QTY	DEF CODE	REMARKS
FNGINE TRANSMISSION	01-463-8066	37196664 B0145E		5	
DEF	ECT CODES: S - SERVICA	RIE II INSERVIC	ARIFA	A MICCINIC	
SL-3 COMPLETE: YES / (NO MODS VERIFIED: (YES) NO LAST PMCS DATE: 202		BLE U - UNSERVIC	ABLE N	A – MISSING	à
LTI BY PRINT/SIGN DATE: 20200415	(b)(2) (b)(6) (b)(7)(a)	DITION CODE: A	N:	(b)(3),	(b)(6), (b)(7)(c)

ASSAULT AMP LIMITED T	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	THE STATE OF THE S
HULL NO. RAM-A-330	THE PROPERTY OF THE PROPERTY O	
ENGINE NO. 37196664		
TRANSMISSION NO. B 6145 E	TOTAL PROPERTY OF THE PROPERTY	The state of the s
INSPECTOR'S NAME/RAA	JK/SI/NATI 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.

and the state of t	т		Т.		 .			-
NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable,
. Outside of Vehicle (Forward and Port)	1		333					
1. Hull Forward End. Check for damage and bare metal.	V							
2. Towing Eyes. (Para. 8-33)							14 to 1	
a. Port.	I/							
b. Starboard.	V							
3. Headlights. (Para. 11-32)		v), 12.	3.V			(A.S.	¥3,6	
a. Port.	\overline{V}							
b. Starboard.						$\sqrt{}$		wire ext
c. Headlight Guards.								
4. Bow Plane. (Para. 10-14)								
a. Hinges and Mounting Hardware. (Para. 10-17)								
b. Bow Plane. (Para. 10-17)	\[\sqrt{}							
c. Hydraulic Tubes and Fittings. (Para. 10-16)								
d. Pivot Actuator. (Para. 10-18)								
5. Hull Port Side. Check for damage and bare metal.								
 a. Armor Piercing Protection Plates Kit (APK). (Para. 16–26a) 		1						M 1 plate below TC hatch, I loose plate driver hatch
b. Steps. (Para. 16-29)	Ţ							
c. Slope Rack Kit (SRK). (Para. 8-49)	$\overline{\mathbb{V}}$							
d. Stowage provisions. (Para. 16-37)	17							
e. Fairings. (Para. 16–28)	17/							
f. Standoff Brackets. (Para. 16-27)	1							
g. Hull Bosses. (Para. 16-36)	1							
 Port Track Shroud. Check for loose mounting hardware and damage. (Para. 16–28) 								loosebotoward very
7. Port Final Drive. (Para, 7-18)						7 %		
a. Outer Housing.	V ,	1						
b. Bolts.	1							
8. Port Sprocket Carrier. Check for loose mounting hardware and damage. (Para. 7–16)								
9. Port Sprockets. (Para. 7-16)	T	T						
a. Inner.	17							
b. Outer.	1//	1				T		

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.	/							
c. Track Pins.	V.							
d. Track Wear.	1						,	
e. Track Adjustment.			$\sqrt{}$					20 TO THE COMPANIES OF THE CONTRACT OF THE CON
11. Port Road Wheels and Hubs. (Para. 7–12) Circle those numbers which are unserviceable.							ing the little	
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	V			, ,				
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		3	$\sqrt{}$					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	\bigvee							
14. Port Shock Absorbers. (Para, 7-11)								
a. No. 1 Shock.	V		,					1 222
b. No. 2 Shock.	ļ.,		\checkmark					Loose, no cup ort arm
c. No. 3 Shock.	V							
d. No. 4 Shock.	V,							<u></u>
e. Mounting Hardware.	V							,,
15. Port Front Single Support Roller. (Para. 7–14)								·
a. Support Wheel Cracks/Damage.	V							
b. Hub Oil Leaks.	V.					·		
c. Hub Oil Level.								
d. Mounting Hardware.	$\sqrt{}$							

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
16. Port Dual Support Roller. (Para, 7-15)			150					
a. Support Wheel Cracks/Damage.	V							
b. Hub Oil Leaks.	1							
c. Hub Oil Level.	V							
d. Mounting Hardware.								
17. Port Rear Single Support Roller. (Para. 7-14)		11/35	:51.63	(de			ij,	
a. Support Wheel Cracks/Damage.	V							
b. Hub Oil Leaks.	V,							
c. Hub Oil Level.	1							
d. Mounting Hardware.	1/	ļ						
18. Port Slap Guard. (Para. 7–10) Check for wear and loose mounting hardware.			/					@ 1 Lotton fund final slap guard
19. Port Idler Wheel and Hub. (Para. 7-9)				2 11 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				
a. Idler.	V							
b. Outer Wheel.	V							
c. Inner Wheel.	1/						-	
d. Mounting Hardware.	1							
e. Oil Level.	17							
20. Port Track Tension Adjuster. (Para. 7-8)				:: '-	11.	1.	- A -	
a. Track Adjuster Support.	/							
b. Track Adjuster.	 					7		Major Pitting on machined sortact
c. Bleeder Valve.	17							
d. Grease Fitting.	1/							
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.	/							
23. Drive Shaft. (Para. 9-17) Check for signs of damage.	1							
24. Footman Loop. (Para. 8-50) Check for weld cracks.	$\sqrt{}$					1		
25. Port Handrails. (Table 3-1) Check for weld cracks.	1							
26, Port Cargo Hatch Supports. (Para. 8-26)						T		
a. Forward Support.	1/		Π					
b. Aft Support.	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)				<u> </u>	17	1	1	6 Chain

	7			1		1		And the state of t
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.				T				·
a. Hydraulic Pump Outlet. (Para. 8-47)								
b. Electric Pump Outlet. (Para. 8-46)	1					7	9	
31. Personnel Heater Exhaust Outlet. (Para. 14-14)			Ž.				jig.	
a. Outlet Cap.	र स्य	7.00			1			Broken cap screw
b. Outlet Adapter.					/			
32. Exterior Fire Extinguisher Pull Handle. (Para 15-13)						100		
a. Handle.	7							<u> </u>
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.	(
I. Outside of Vehicle (Aft and Starboard)								· · · · · · · · · · · · · · · · · · ·
1. Taillights	/					_		
a. Port Taillight. (Para. 11-53)								
b. Starboard Taillight. (Para. 11–59)	/							
c. Taillight Guards.								
 Horn. (Para. 11–54) Check for loose mounting hardware, corrosion, and proper electrical connections. 								
Tow Cable Stowage Brackets. (Para. 8–27) Check for cracked or bent brackets.	V							
 Towing Pintle. (Para. 8–41) Check for loose mounting hardware. Check pintle for free rotation and proper quick-release operation. 			/					M) snap vings
5. Ramp Plugs. (Para. 8-27) Check for tightness.						1		
 Ramp Hinges and Towing Eyes. (Para. 8–27) Check mounting hardware for tightness. 	1							

Service Company

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
7. Vision Block and Guard. (Para. 8–30)			10717 , UF (*	3 () () () () () () () () () (18.45	1942 1984	
a. Vision Block Guard.	V,							- Walnut
b. Vision Block.	V							
8. Personnel Hatch. (Para, 8–31)			restant Bases					
a. Personnel Hatch Handle (inner and outer).	1							· ·
b. Personnel Hatch Seal.	$\int_{-\infty}^{\infty}$							
c. Hook and Damper.	V,							1000000
d. Mounting Hardware.	V							
 Starboard Deflector. Check for warping and cracks. Check mounting hardware for tightness and damage. (Para. 9-20) 	V							
10. Trailer Receptacle.		100 To					-3,5	
a. Cover.	V							
b. Retainer Chain.	V							
11. Starboard Reverse Flow Duct. Check for damage and tight mounting hardware. (Para, 9-20)	V							
 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) 	1							
13. Drive Shaft. Check for signs of damage.	J,							
14. Footman Loop. Check for weld cracks.	1							
15. Starboard Idler Wheel and Hub. (Para. 7-9)	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \				141			
a. Idler.	1/							
b. Outer wheel.	V.							
c. Inner wheel.	1		<u> </u>					
d. Mounting Hardware.	1	<u> </u>						
e. Oil Level.	1		1	 				
16. Starboard Track Tension Adjuster. (Para. 7-8)					25,72	V 1.41 :	100	
a. Track Adjuster Support.	1							
b. Track Adjuster.	Ť	\vdash	17	_	 	1	ļ	Right on machined surface
c. Bleeder Valve.	1./	 	1			 		
d. Grease Fitting.	17	-	<u> </u>	\vdash	<u> </u>			4
17. Starboard Anode. Check for tightness of mounting screw. Make sure there is no paint on anode. (Para. 8-54)	/							
 Starboard Midships Bearing. Check for signs of leaks. (Para. 9–18) 								

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								
c. Hub Oil Leaks. 1 2 3 4 5 6	$\sqrt{}$,	·
d. Hub Oil Level.	\bigvee							
e. Mounting Hardware. 1 2 3 4 5 6					Ü			
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 	J				,	-	1.	
22. Starboard Shock Absorbers (Para. 7-11)		, go ta		77.72				
a. No. 1 Shock			J					lower cap is mangled
b. No. 2 Shock	/							
c. No. 3 Shock					$\sqrt{}$			Failed bushing at support arm connection Upper mount losse nowater mounting 6017
d. No. 4 Shock			$\sqrt{}$					Molcap, loose lawer bet mouting 6014
e. Mounting Hardware.								
23. Starboard Front Single Support Roller. (Para: 7-14)								
a. Support Wheel Cracks/Damage.	$\sqrt{}$							
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.	$\sqrt{}$							
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.								
c. Hub Oil Level.	J							
d. Mounting Hardware.	4/							

	Satisfactory	je.	ø	4	.	93	>	
NOMENCLATURE/LOCATION	Satisf	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.	Ž							
c. Track Pins.	J							
d, Track Wear,	V							-
e. Track Adjustment.	V					,		
28. Starboard Sprocket Rings. (Para. 7-16)		100			7. T	:		
a. Inner.	1							<u> </u>
b. Outer.	Ţ							
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.								
b. Bolts.	Ž							
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)	Ç.		-					
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		Corbu bet snappact
36. Starboard Cargo Hatch Supports. (Para. 8–26)	72 - 1 V 4000				27. (2) (3/35)	. s.r 135		
a. Forward Support.	1							
b. Aft Support.					1			(1) latch
c. Hand Rails.	1	<u> </u>						
37. Footman Loop. Check for weld cracks. (Para. 8-50).	1							

NOMENCLATURE/LOCATION	Satisfactory	canona cano	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
 Starboard Side Hull. Check for damaged and bare metal. 									
a. Armor Piercing Protection Plates Kit (APK). (Para. 16-26a)	İ			/	`				1 plate losso colon fund
b. Steps. (Para. 16-29)	,			1					@ 2 steps
c. Slope Rack Kit (SRK). (Para. 8-49)	J								
d. Stowage provisions. (Para. 16-37)				•					
e. Fairings. (Para. 16-28)	1		1			,			
f. Standoff Brackets. (Para. 16-27)	J								
g. Hull Bosses. (Para. 16–36)			7						
II. Bottom of Vehicle	14 1-27 1-27	1	7		195. 1842	5 / 1-76 / 2-8 /	STEEL STEEL		,
Hull. Check bottom of vehicle for damage.	1		1	_	::				
Drain Plugs. Check for missing, tight, or damaged plugs.				5					,
a. Hull. (Para. 8-42)	V		\	_					
b. Ramp. (Para. 8-27)			1	- 10	94. F. 19 V. 1				
c. Contact Cooler. (Para. 8-43)	V	T	1						
V. Outside of Vehicle (Topside)	4	T	1						
 Hand Rail (forward). Check for weld cracks or oth damage. 	er /								
 Mooring Cleats/Lifting Fixtures. Check for damage (Para. 8–34) 	: 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.	\/,		_					<u> </u>	
b. Brace Rod.	V	1	1						(A) 9 1
c. Cam Lock Handles/Stop Screws.			\downarrow	\checkmark					(3) 2 step screws
d. Torsion Bar Assembly. (Para. 8-17)		1	\downarrow						
e. Mounting Hardware.		4	1						
f. Seal.	v	1							
 Ventilator-Aspirator. Check that valve works prope and inlet screen is clean and not damaged. (Para. 8- 				:					
 Radiator Cover and Cap. Check ballistic cover for damage and radiator cap for proper sealing. (Para. 8-19) 									cover pin wissing spring, washers

NOMENCLATURE/LOCATION	Satisfactory	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.			$\sqrt{}$					@2 mounting Latis
7. Exhaust Grille. (Para. 8-14)		24 B.S.						
NOTE Make sure that exhaust grille is secured properly in raised position.								
a. Screen.	$\sqrt{}$							
b. Seal.	1							
c. Brace Rod.	/							A CANADA MANAGER CONTRACTOR CONTR
d. Lugs (dogs).	1							
e. Mounting Hardware.	1							
8. Plenum Indicators. (Para. 8–16)					14. (S)		(A. a.)	
a. Intake.	\checkmark							
b. Exhaust.	/							
9. Searchlight Mount and Receptacle. Check for damage.					1			Oreceptable covert chain
10. Driver's Hatch. (Para. 8–21)	100						7 (A)	
a. Cover and Hinges.	X		1					ground wire cut
b. Torsion Bar.	X		1					low torsion
c. Latches (open and closed).	1							
d. Seals and Pads.						1		pools destroyed
e. Vision Blocks.	V			<u> </u>				
f. DVE Adapter Assembly.	1							
11. Periscope and Support. Check periscope for breaks and chips and support for damage. (Para. 8–24)						V		periscope cracked
12. Commander's Hatch. (Para. 8-23)							N.	
a. Cover and Hinges.	1/							
b. Torsion Bar.	17					T		
c. Latches (open and closed).	7							
d. Seals and Pads.	Ž				1			
e. Vision Blocks.	1	-						
 External Exhaust system. Check the external muffler, muffler guard, for damage and operation. (TM 8F152B-25&P/C) 								
a. Muffler.	V							
b. Guard.	Ī					1		damaged
c. Pipes/Clamp.	1/	T						

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
 Ventilation Exhaust Outlet. Check ballistic cover for damage and tight retaining screws. Check screen for damage. 	1							
15. Overhead Protection Kit (OPK).								
a. OPK Tiles.			1		 			Bill bolts, - plate uninstalled
b. Torsion Bar Assist Mechanism (TBAM) Cover.	/							
c. TBAM.	1/							
d. Bosses.	1//							
16. Cargo Hatches.	1			.:	79 48-			
a. Covers and Hinges.								
b. Torsion Bar.	1/						,	
c. Latches (open and closed).	1/.							
d. Seals.	1							,
17. Antenna Mounts.		.1.	5 L					
a. Receiving Mount.	1							
b. Port Sending Mount.	1/) 						
c. Starboard Sending Mount.	V							
d. PLRS Antenna Mount.	V							* **
e. DACT Antenna Mount.	1							
18. Sea Tow Quick-Release. Check assembly for damage and proper operation.	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.	V							
b. Bow Pod Access Cover.			J					第02460/15
c. TACNAV sensor.	J							
2. Intake Plenum Actuating Cylinder.								
a. Cylinder.								
b. Hydraulic Hoses.	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.							454	My bett guard
a. Guard.	k							(M) be the guard
b. Shroud.								
c. Fan.								ACCEPTATION .
d. Bearings.								ARREST
e. Belt Adjustment.								
f. Seals.	V							
g. Fan Cartridge Bearing.								
h. Drain Tube.	1							
5. Surge Tank:				-	13.11 A. 14.11 A.			
a. Tank.	1/							
b. Valve.	1				۶.			
c. Hose and Tubes.	V.							
d. Mounting Hardware.	V							
6. Crew Ventilation.			. 17		91			
a. Ducts, Clamps, and Hoses.	1,/							
b. Drain Tube.	1	1						
7. Control Linkages.			L	1				
a. Brake Linkage.	1							
b. Steering Linkage.			1					eyelet bolt love
c. Throttle Linkage.	1/							
d. Brake Flood Control Valve Linkage.			1		1			
NOTE Make sure flood valve spindle moves freely.	V	- Lawrence						
e. Engine Compartment Exhaust Fan Linkage.	1						T	
Transmission Mounts. Check mounts for loose mounting hardware. Check transmission guide and guide rollers for damage.	1			- Parishmental				
9. Electrical Wiring and Connections.								
a. Bulk Head Connectors.	$\sqrt{}$							
b. Power Plant Wiring.	V,							
c. Crew Vent Fan.	IJ							
d. Electrical Bilge Pump.	<u> </u>	1/						@ bilge to be part
 Hydrostatic Steering Disconnect Lever. Check lever for correct operation, damage, and wear. Check for leaks. 	/							

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NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
11. Port Final Drive.								
a. Oil/Oil Level.	L		$\sqrt{}$					Oil cloudy
b. Oil Leaks/Seals.								
c. Mounting Hardware,	1							***************************************
d. Speedometer Adapter/Cable.	1							200000000000000000000000000000000000000
 Port U-Joint. Check for wear, tight screws, and proper safety wiring. 	/							
 Port Hydraulic Bilge Pump. Check for oil leaks, loose mounting hardware, damaged screen, and debris. 	V							
 Bilge Pump Bypass Valve. Check for oil leaks, loose mounting hardware, and damaged electrical connections. 	V	- 3	Marketon in the second					
 Plenum Solenoid Valve. Check for oil leaks, loose mounting hardware, and damaged electrical connection. 	V ,			:				*.
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.	/							
 Port Lateral Drive Shaft. Check shaft for damage and coupling for tight mounting screws and proper safety wire. 		,						
 Port Right Angle Drive. Check oil level. Check mounting hardware for looseness. Check for signs of leaks. 								
21. Starboard Final Drive.			8					
a. Oil/Oil Level.	J							
b. Oil Leaks/Seals.	J						-	
c. Mounting Hardware.	√							
 Starboard U–Joint. Check for wear, tight screws, and proper safety wiring. 	/		-					
23. Starboard Lateral Drive Shaft. Check shaft for damage and coupling for tight mounting screws and proper safety wire.	\bigvee							
 Starboard Electrical Bilge Pump. Check screen for debris and damage. Check mounting hardware for tightness. 		1						@ plye tube

				_				
NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable,
 Precleaner. Check cleaner for damage, loose mounting hardware, and loose clamps. Check screen for damage and debris. 	1					_		
 Crew Ventilation Fan. Check mounting hardware for looseness. Check ducts and clamps for damage and tightness. 	\bigvee	_						
 Starboard Right Angle Drive. Check oil level. Check mounting hardware for looseness. Check for signs of leaks. 	/							
28. Starboard Right Angle Drive Shaft. Check condition of shaft coupling for damage. Check coupling bolts for tightness and proper safety wire.	V					-84		
 Fan Drive Shaft. Check shaft and coupling for damage or wear. Check safety wire for damage. 	/							
30, Fuel Filter.	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\							
a. Fuel Leaks.	V							
b. Drain Cock/Contamination.	V,							
c. Electrical Leads/Transducer.	V							
d. Mounting Hardware/Air Valve.	1			ļ —				
31. Power Takeoff Unit.		1 2 2 2		-		71 11 12 H	 	
a. Oil Leaks.	V							
b. Mounting Hardware.	J							
c. Electrical leads/Connections.								
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.	/							
 Exhaust Manifold (starboard side). Check for cracks, holes, and corrosion. Check mounting hardware for tightness. 	\bigvee							

	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be
NOMENCLATURE/LOCATION	Saf	Mis	Ser	Adi	B.	Reg	Š	Included if unserviceable.
 Transmission. Check for overall cleanliness and damage. 								
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.	/							· III SIMM TEMPORAL A SIMILA · · ·
 e. Left and right brake and steer sections for leaks and loose mounting bolts. 	/						,	
f. Check brakes for proper adjustment.								
g. Check transmission drain line for leaks, damage, and loose drain plug.	/							
VI. Engine Compartment (Aft)	1. Jr. T.		6	Ş.,	40 Tr.			
Exhaust Plenum. Check actuating cylinder and oil lines for leaks. Check condition of plenum seal.		_						
Components Bolted on to the Engine. Check for tight mounting hardware, proper electrical connections, damaged hoses and electrical leads, and leaks.		ς.						
a. Turbocharger.								
b. PT Pump.	1							
c. Exhaust Manifold (port side).	1							
d. Engine Oil Cooler.	1,/						-	
e. Engine Oil Filter.	1/							
f. Intake Manifold.	V	Ì						
g. Smoke Generation Components.				-				
h. Cold Start Components.	1/							
i. Crankcase Breathers.	1					1	T	
3. Transmission Oil Filter.		\neg					1	
a. Mounting Hardware.	7						_	
b. Leaks.								
c. Check Electrical Connections.	171						\neg	
 Engine Oil Level. Check for correct level and signs of contamination. Check dipstick for damage. 								
Transmission Oil Level. Check for correct level and signs of contamination. Check fill tube and dipstick for damage.								
 Tachometer Drive Shaft. Check for adapter and cable damage. 	7		***************************************					

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
 Radiator. Check for radiator damage. Check for water leaks on radiator and coolant tubes. 								
 Exhaust System. Check condition of insulation. Check for loose mounting hardware and damaged scavenging system check valve and for leaks. 			\checkmark					Bellows take was fasteners rellen off Y-collector stroyd clamp cracked
 Engine Compartment Exhaust Duct. Check for cracks or other damage. Check mounting hardware and clamps for tightness. Check tubes for proper mounting. 								
 Engine. Check overall condition of engine for cleanliness and fuel, coolant, and oil leaks. 	$\sqrt{}$							
11. Generator.					Y.			
a. Bracket and Hardware.	<u>//</u>	<u>_</u>						
b. Pulley and Belt.	V							
c. Adjustment.	V							
d. Voltage Regulator								
12. Water Pump. Check for leaks.				1. 1991.) 1. 1891.)				
a. Pump.	V							
b. Hoses and Tubes.	1							
c. Belt and Adjustment.	V							
13. Fire Extinguisher Discharge Nozzle. Check for damage, debris, and condition of safety wire.					/			Sately 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.	1							
 Cold Start Disconnect Lever. Check for proper operation, damage, and corrosion. 								
16. Hydraulic Reservoir.	1.,			15, 1 . A7 a5	K55 (3.5)		4	
a. Oil Leaks.	1/							
b. Mounting Hardware.	1/							
c. Oil Level.	1/							
d. Dipstick for damage.	/	†						
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	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.								
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.			_			7		Battona right is Bentand splitting
	b. Aft Center.			T					(M) 3 60/ts
	c. Aft Lower,					-			Botom right Groken
	d. Port Upper.	X		$\sqrt{}$					no rubber seal
	e. Port Lower.			1				-	rubber seal falling off
	f. Smoke Generation.				***				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.	/							
3.	Engine Compartment Fire Extinguisher.			V.		7.			
	a. Bottle and Tag.	1							
	b. Control Valve.	1							
	c. Clamps.	1							
4.	Troop Ventilation Outlets. Check for free movement and damaged louvers.	V							
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					@ 12 60175
	c. Element.	1							
	d. Compartment.	1							
7.	Right Angle Drive Access Cover. Rotate weapon station to gain access to cover. Check cover for proper mating and damage.	$\sqrt{}$							
8.	Starboard Longitudinal Shaft Cover. Check for damage. Check for loose mounting hardware.	$\sqrt{}$							
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.								
a. Internal Fuel Tank Drain.	J_{j}							
b. External Fuel Tank Drain.	7							
c. Fuel Lines and Fittings.	1/2							
d. Manual Shutoff Valve.								
11. Fuel Tank.	10:11 Jane							
a. Electrical Leads.	V.							
b. Leaks.								
c. Retaining Straps.	/							
d. Breather Cap.	V							
12. Troop Seats.					1			
a. Hinges.	 				1			Strad wissing hinge Pins
b. Supports.	/							
c. Seat Pans.	V							
d. Cushions.	1			1				
e. Safety Belts/Straps.	1							
f. Adjusting Rods.	V							
13. Interior Stowage.								
a. MG Cleaning Rod Bracket.	1./							
b. Rifle Brackets.	V							
c. Water Can Supports.	1							
d. Seat Stowage Supports.								
e. DVE Container.	,	1						(M) Aft down
f. Portable Fire Extinguisher Bracket.	1	T						1
g. Pamphlet Stowage Rack.	/							
h. Ammo Box Bracket.	/							
i. Hand Oiler Bracket.	1			1				
j. Tool Box Stowage Support.	V		Τ	1		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.	/				Amende and a second a second and a second and a second and a second and a second an			

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable,
15. Batteries.								
a. Battery Box Cover.								2.00
b. Holddowns.	JL							
c. Cables and Terminals.								. 100
d. Battery and Terminal Posts.				·				DENVENDENT I
e. Battery Box Drains.	V							
f. Battery Instruction Plate.	V							
 Radio Guards. Check guards for damage and loose or missing mounting hardware. 	1							,
 Deflector Actuator Guards. Check guards for debris and damage. Check mounting hardware for tightness. 					, j	(1) (1)	7 2 1 1 1	
a. Port	·		1		94 S			C 60lts
b. Starboard.			$\sqrt{}$	Ç.	1	Y. J.		1 60 ltg
18. Water Steer System Components.				1553 245		1000		
 a. Water-Jet Deflector Position Sensing Module (port and starboard). 	$\sqrt{}$.:				
 b. Water-Jet Deflector Servo Module (port and starboard). 	/							
 c. Water-Jet Deflector Solenoid Module (port and starboard). 	$\sqrt{}$							
d. Actuator Cylinders Port and Starboard.	7			•				
e. Actuator Bracket Port and Starboard.	V							
19, AFSSS Electrical Components.								
a. Sensors/Control Box.	V/.		Ì					
b. Cables.	V							
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.					/			Aft dome light wop
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.	1 /							
23. Ramp Lock Linkage. Check to see that linkage does not bind. Check for bent or warped linkage rods.	7							

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.								
 Ramp Seal. Check mating with hull in closed position. 	V/							
b. Vision Block Cover.	V							
c. Skid Bars	V/							
d. Quick-Release (Visual Only).		i -				_		7.5%
e. Tow Pintle Release.					ļ			
25. Deck Plates			3.77	d eg.				
a. Deck Plates (port and starboard).	7							
b. Center Deck Plate.		_	1	_				@ 60 H5
c. Contact Cooler Bleeder Valve Access Cover.	17		<u></u>	_				
d. Bilge Pump Access Cover (port and starboard).	V	7	,	 	-	_		Flobrol cover
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.	V							
27. Torsion Bars. Check torsion bars for damage.	V							· · · · · · · · · · · · · · · · · · ·
28. Ramp Cylinder and Cable.	1							,
29. Hydraulic Bilge Pump,						i vije	1. 4	
a, Bilge Pump.	8/	_		_				
b. Outlet tube.	V	_						
30. Electric Bilge Pump							4 Ye 1 7 4	
a. Electric Pump.	1/2							
b. Outlet Tube,	/	\vdash						
31. Bilges. Check for cleanliness and obvious signs of damage.	Ž		. V.					
a. Brackets and Mounting Hardware.	1							6
b. Discharge Tubs and Nozzles.	1/	_			†	-		
32. Fire Extinguisher (17 lb).	1,						1	
a. Mounting Hardware.	1//							
b. Discharge Tub and Seal.	1					\vdash		
c. Tag Date.	V	 		 	-			
d. Seal.	/	<u> </u>	-		-	-	 	

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
33. Personnel Heater.	7							
a. Mounts.	1/					/		
b. Exhaust System and Cover.								Cover snapped off
c. Electrical Wiring and Switches.	1							C WIND WICHTINGSYSTEMACE
d. Fuel System.								THE CONTRACTOR OF CHARACTERS
e. Heater Ducts.	V							
34. Port Longitudinal Shaft Cover. Check for damage. Check for loose mounting hardware.					ingste Species	1.44 1.54 1.2		
 Port Longitudinal Shaft. Check shaft for damage and coupling for tight mounting screws and proper safety wire. 								
36. Radio Mounts.	/d		ė.		3,			
a. Check Mounting Hardware.	1/	-						
b. Check Radio Mounts.								
c. Check Radio Cables.	W		34					
37. EPLRS Rack.	1	_	÷.					
a. Check Mounting Hardware.	17	1						· · · · · · · · · · · · · · · · · · ·
b. Check Radio Mounts	TV.		·					
c. Check Radio Cables:	V							
III. Driver's and Commander's Station								
1. Access Covers.	~							
a. Hydrostatic Steer Disconnect Lever.	1/							
b. Final Drive U-Joint.	1. /	,	7					Latch Stuck
c. Hydraulic Reservoir.	V							
Flapper Valve. Check spring tension flapper. Check mounting screws for tightness and damage to flapper.	/)					
3. 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.	-							
a. Bracket and Mounting Hardware.	V,	1	1				T	
b. Tag/Date.	V,							
c. Wire Seal.	1/, 1					\dashv		
 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

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
Fire Extinguisher Discharge Handle. Check handle for damage and unbroken wire seal.				/				100 200
Power Train Switch. Move lever and check for binding. Check bail for damage.								
8. Mode Selector Switch. Check for missing or damaged toggle switch.					/			<i>f</i> :
 Handle Throttle. Move throttle and check for proper operation. Check linkage and cover for damage. 								need adjustment
 Gear Selector. Check console for loose mounting hardware for damage. Check movement of selector through all gear range. 								
 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.					40			
a. Mounting Hardware/Brackets.	V							
b. Pedal and Pedal Stop Screw.	V			Ì				
c. Water Drive Switch.	V		Ì					
 Brake Pedal. Apply and release brakes to check binding. 	/							
 Parking Brake Handle. Check for proper operation. Make sure that parking brake holds and releases properly. 								
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							

THE THE PERSONNEL PROPERTY OF THE PERSONNEL		1						
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						<u></u>	
b. Lamp Test/Warning Cancel Switch.	V			 -				
c. Horn Button.	17							
d. Panel Lights Brt/Dim Switch.	1/							
e. Cold Start Switch.	力,							
f. Starter Button.	1/	-						
g. Light Switch.	17							
h, TACNAV Indicator.	17			-				
i. Tachometer.	1./.	<u> </u>	-					
j. Speedometer.	1/	-						
k. Smoke Generation Indicator Light.	1,7							
Smoke Generation Switch.	/							
m. Forward Electric Bilge Pump Switch.	1/				\dashv	_		
n. Aft Electric Bilge Pump Switch.	1							
o. Aft Electric Bilge Pump Indicator Light.	1/					-		
p. Forward Electric Bilge Pump Indicator Light.	/							
q. Aft Hydraulic Bilge Pump Indicator Light.	1/							
r. Forward Hydraulic Bilge Pump Indicator Light.	1							· · · · · · · · · · · · · · · · · · ·
s. Ventilation Switch.	1			\dashv	\dashv			Vestfar Hi forms on rithout brack rung in
 Driver's Display Unit. Check for cracked glass and moisture. Check that unit is securely mounted in indicator panel. 			V					
NOTE Bar scales and warning lights will be checked during the operational portion of preinduction.					***************************************			
 Bow Plane Control Valve. Check for damage, loose fittings, leaks, and loose mounting hardware. 								
 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. 	,			77.00				
a. Driver's Outlet.	1/1							
b. Commander's Outlet.	1/1			一	\dashv		-	

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
 Vent Air Hoses, Tubes, and Duct. Check for loose clamps and mounting hardware. Check for damaged hoses, tubes, and duct. 	\sum							
 Bilge Outlet Tube. Check tube for damage, hoses for cracks, and clamps for tightness. 	<							
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
 Forward Slave Receptacle on Instrument Distribution Box. Check cover and chain for damage. Check receptacle for corrosion and damage. 					$\sqrt{}$			(11) 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.			<u> </u>					linkage binds
27. Data Plates. Check for damage.	1							
 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.	7							
 Interior Decals and Instruction Plates. Check to see that they are readable. 	/							
32. Fire Extinguishers (MFSS and AFSSS). NOTE At this time all fire suppression system bottles are to be pulled and weighed.								
a. Mounting Hardware.	7							
b. Discharge Tube and Seal.	V							
c. Tag Date.	1/							
d. Seal.	V	,						
 Drive Shaft Guards. Check guards for damage and mounting hardware for tightness. 								

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
X. Equipment Operation					1			
1. Start vehicle, check operation of the following:	-							SALES TO SALES THE SALES T
a. Master Switch,	V							
b. Horn.	V,							
c. Fuel Level Indicator.	1/							TO THE PARTY OF TH
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.	$\sqrt{}$						» ·	
2. Perform Diagnostic Test Equipment checks in accordance with TM 09674A-25&P/4, (See worksheet at the end of this Appendix).						17		-
Vehicle Stall Check. With brakes locked, and gear selector in 4th gear, accelerate fully and check the following: Brakes				125 S. S.	Yaya" Ari	ţ		
a. Brakes.	V,							
b. Transmission.	V							
c. Engine. RPM.	/							2500
 d. TACNAV Indicator. Check that system powers and display works. 	$\sqrt{}$							
4. Lights. Check that lights work properly,						\neg		
a. Light Switch.	$\sqrt{}$							<u> </u>
b. Service Drive.	1		-			1		
c. Dimmer Switch.	1							
d. Blackout Markers.							\neg	
e. Stop Light.	7							
f. Park.	1		•					
g. Searchlight.	/					1		/
h. Interior Dome Lights.			\mathcal{J}			_		Attome light (100)
Driver's Viewer Enhancer (DVE). Check that power system works.	/		•					
Lamp Test/Warning Cancel Switch. Check audio signal with proper comm helmet.	$\sqrt{}$							

45 Th	NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
	inctional Road Test	West	- 49				1894.1 2004.1		
	Steering. Check operation and drift.	/							
2.	Gear Ranges. Check for slippage and that lockup works properly.	1							
3.	Smoke Generation. Check for correct operation.	/							
4.	Brakes. Check to see if brakes pull to one side or the other.	/							
5.	Speedometer. Check for correct operation.	1							
6.	Noises. Check for any unusual noises.	/							
XI. W	ater Systems Test					Į.			
1.	Plenums. Check that plenums close completely. Fan shuts off, (Para. 8–13)	1							
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						-	Name of the last o
5.	Bow Plane Operation.		17.17	e. (2)		N. S.	1.5		
	a. Control Valve. Check for proper operation and leaks.	1			_				
	b. Bow Plane. Check that it fully extends and retracts.	V							
	c. Pivot Actuator. Check for leaks, unusual noise and smooth operation.	J							

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 (ÚSVIS - ALAVPTA)

LIMITED TECHNICAL INSPECTION

TACING 34607 USMCING 52	24	190	ĺ		Mi	1.,2	70	13 Hours, 536,
1.2 . 11.	speca.							(b)(6), (b)(7)(c)
*See Table Colif w U	JWS	Deac	<u> !]m</u> -	CH	331d.			
HOMENGLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Renair massar area	Heplace	Wodify	Remarks MUST be included if uncerviceable.
1. Baskei Weldment		1			4/2/24	1	A CENTRAL	
1. Basker Weldment Clearance.	$\sqrt{}$	4			i			
s. Ares as und sides of basker weldment clear of Someticals.	$\sqrt{}$	k i:			1		?	
L. Assa as and 12 shapes slip sleg sleep of costs to be	V	}	1		,			
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South Control of the service of the local confidence of	./		: ' .		,			and the second s
	V					<u>``</u>		

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service		Repair			Remarks MUST be Included if unserviceable,
3. Traverse Switch Assembly.	14.4 17.4 17.4	- A	1	を終し	数据	學家		
a. Box cover secure to basket weldment.		4	$\sqrt{}$					10056
 b. Electrical connector tight and in good condition. 	$\sqrt{}$							
4. M36E-TSS Periscope.	1 (A) 1 (A) 1 (A)	15.0	1.8	1	1.115 1.125	を示 発物		The state of the s
 a. Mounting Screws. Check screws for security. Check sight is secure to turnet weldment. 	\checkmark							- Company of the Comp
 b. Sight. Check for moisture in window and in mirror. Check condition of glass. 								
 c. Sight Eyepieces. Check for moisture, condition of reticles, condition of eye-piece pads, and proper operation. 	/							
d. Latch Assembly. Check that latch moves freely, and has spring tension.	1							
e. Hanger Strap. Check for serviceability.	1							
 Head Assembly. Check nuts on head assembly for tightness. 	1							
 Body Assembly. Check mounting hardware for security and that safety wire is present. 	/							
b. 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 Fower Electrical Connectors. Check that electrical connectors are in good condition. 	1							3.
 Check for cracks, denis, burns and chipped paint on housing. 	/							
 k. Check that valve cap is tight and retaining strap is not broken or missing. 	/							
 Check that both knobs on elbow assembly move freely from LO to HI position. 	V							
nt. Check that lamp holder is tight and packing is installed.	/							
n Check that plug or similer switch is present. If missing, reality supervisor.		/						
6 Check that all boresight knobs move freely, and scales can be easily read.	1							
p Check ID plate for damage and if it can be easily read. If plate cannot be read, notify supervisor.	1							
्र Check that shorter switch जारी not enove to ON without pushing safety borden first	J	,				T		
t. Oberix ibat volve nap strip is not dagtaged of utiswing.	/			1				
 The ik that all wirelys are light on excepting having are. 	/			-	The same of the sa		and an included in the control	

	7				·	ī —		engagement of the second control of the seco
NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	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. 			✓					inop
6 50 Caliber Animo Bjernon Christe Check for condition and security all assure that charte is clear of debris 4			14個数					
 a. Check ejection-chute hose for security and condition. 			1					needs clamp
 b. Spent-Cartridge Box. Check security and condition. Check operation of latches. 	/							
 Equilibrator. Check for corrosion, security and adjustment. 								
8. 50 Caliber Ammo Feed System	0 (2-) \$√3:	÷ ت 0	18 Te	v -1 cy−2		ু ঠুট প্রেমিক্ট	***	A STATE OF S
a. Check security and condition of .50 caliber ammo trays.	/							
b. Check security and condition of roller guides.								
9. 40mm Ammo Feed System	1.0	4 \$	÷	· 4 . %). 10 242	-1,75	*** *****	anggang signa an arawa sa sa sa sa sa sa sa sa sa sa sa sa sa
 Feed Chute. Check for dents, corrosion and/or damage. 	\checkmark							
 b. Check feed-chute cover for tears, holes; zipper must move freely. Check attachment points for security and condition. 	1							
e. Check anti-feedback lever for condition and security.	1				İ			
10. 40mm Ammo Box Assembly			7.5	135	755		<u>,55</u>	
a Check security and condition of box, doors, and daps.	V							
to Theck operation of lateites.	V	1					1	
 Check that electrical connector on last-round switch is right and in good condition. 	/							
11 40mm Charger Assembly Check condition and security of charger tube.					-			
12. 40mm Mantlet.								
a. Check condition and security		/						(Cover
5 Check operation of cover latches.	1./				1		1	
18 180 Chilber Mandet and Chadle. Check condition and separaty. The skip or duringer, cracked welds and thre- metal.								
14 Power-Assist Traverse Mechanism. Check for security condition and leakage. Make sure that electrical connectors are light and in good condition.			/					electrical traverse in o
15 Eleyation Contr. LAssembly Check for security and vindition.								

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. 			\checkmark					inop
17. Linkage. Check for security and condition.	./							
 Grenade Launcher Inhibit Switch. Check for security and condition. Check that electrical connector is tight and in good condition. 	/							
 Elevation Interrupter Switches. Check for condition and security. Check that electrical connectors are tight and in good condition. 								
 Utility Light. Check that light and electrical connector is secure and in good condition. 		-	V					(nop
21. Communications Box.	5	1.55	7- 3	15 p 17 - 1	1.30	3°.5°1	ž	
 a. Check that electrical connector is tight and in good condition. 			1					not mounted -
b. Check for security and condition.	/		<u> </u>					
22. Weapons Station. Inspect for damage, security and clarity.				# 19 12 원 1	7 7 7 -	21 <u>4</u>	3 v 30 y 20 y	
 a. Vision Blocks. Inspect for damage, security and clarity. 			1					1 cracked
 Ring Gear. Inspect for damage and corresion. Should be clean and no grease. 	1							
23. Hatch							1	Andrew Processing and the Commission of the Comm
Seal, Hatch, Hinges. Inspect for damage, loose hardware and proper operation.	/							,
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).	/							
 c. Hatch Handle. Check security, condition and proper operation. 	√							
d. Crash Pads. Inspect pads on hatch and weapons station for security and condition.		/						@
24. DAGR	1		1			1	1	
 Check that electrical and antenno connections are uply and in seed condition. 		,						
b. There for security and condition.	1	1	1	+	+	1	1	

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
III Weapons Station Exterior	1	巍	984					
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	漢	/变	处于 例第	が終 を影	13	5	14 14 14 14 14 14 14 14 14 14 14 14 14 1	解析的に対する。 Apple Company Com
Tubes. Inspect sight tubes for dents, cracks or corrosion, and security to mounts. Check security of mount to turnet.								
 Electrical Contacts. Check that contacts are tight and free of corrosion. 	/							
c. Rubber Caps. Check sight caps for condition.	/							45
 Entrance Window. Inspect condition and security. Look for signs of moisture. 						-		
Sight Cover. Inspect condition and security.	V				Ī			
6 40mm Mantlet Cover. Check for security and condition. Check operation of latches.		$\sqrt{}$						(w)
 Remote Antenna. Check security and condition of cover. 	1					,		
IV. Functional Tests.			ē*;	120	११ कर्नुहरू ज्ञारक		* **	Region of the second of the se
1. Maniful Operation. Check for weapons station binding and backlash		1.51	(1) (1) (1) (2) (4) (4)		100	1000000		表 可能 可能 の の の の の の の の の の の の の
Azimuth. Check movement through 360 degree clockwise and counter-clockwise.	/							
 Elevation. Check for ±45 degree maximum elevation and ±8 degree maximum depression. 	V							
Powered Systems Test Vehicle master switch and turnet power switch ON. Check operation as noted.		5 4 4 5 4 5 4 5 4 5 4 5 5 5 5 5 5 5 5 5	14/5		19	海海	接	
 Control Box Lights. Check that course box lamps light when turnet power switch is ON by pressing lamp test all button. 								
 Domelight, Lights in both blue and white swarch positions 								
Citi, Light Light a lethed all war-			15					inop
t Thermal Piloto which unity. Ensure the unit show an ensure and an orange work.	V		-					
e. Sport Laght, fushall and offeck operation.	1		Ī	1	T -	T		
Exhaust blower Check operation.	 	 -	1/	† –	1-	†	1-	inop

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
Low Animo System Test	1895. 1898.	5/4% (5/4%)	行道 经额	15.44 有数	24197.2 24197	47.00g	编	THE THE CONTRACTOR OF THE PROPERTY OF THE
 a. Last–Round Switch OFF. Last–round indicator light on, triggers do not work. 	£				$\sqrt{}$			trigger inop
 b. Last-Round Switch ON. Last-round indicator lamp light ON, override switch in up position, triggers work. 					\checkmark			trigger inop
 c. Last–Round Switch OFF. Last–round indicator light OFF, override switch down, triggers work. 					1			Avigger inop
 Weapons Station System. Perform test as prescribed in Section 3. 			,	3 1. 3	7.7			
a. Manual Elevation. Check operation.	1/					1	<u> </u>	
 b. Deck Clearance. Check clearance of all obstacles. Check all inhibit zones. Weapons electrical trigger will not fire while in inhibit zones. 	1							
5. Smoke Grenade Launcher Test.	1			1				
a. Tubes. Check that they are clear of grenades.	1	\vdash		1		1	1	
b. Confacts. 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.					-		1	
a Check that DAGR passes self-test	T	1		1	-		Ì	And the street of the street o
 b. Check that DAGR is using vehicle power. 	1	1					Ť	
c. Check that DAGR is using remote antenna.	1	1	1		1	\top	1	
d. Check functioning of DAGR screen back lighting.	1	1	1	1	1	1	1	

8467K PINTLE ASSEMBLY, TOW	01-193-2117	522499 1	R	29871696 SHT PART \$1,255.4	41
98467K O-RING	00-580-4394	522499 1	R	29871696 SHT PART \$0.26	
8467K O-RING	00-641-3407	522499 1	R	29871696 SHT PART \$0.35	<u> </u>
8467K WASHER, KEY	00-162-0386	522499 1	R	29871696 SHT PART \$4.22	
8467K NUT, PLAIN, HEXAGON	00-761-6872	522499 1	R	29871696 SHT PART \$15.85	5
8467K BATTERY, STORAGE	01-485-1472	522499 2	R	29871696 SHT PART \$731.78	8
8467K CABLE ASSEMBLY, R	01-226-2442	522499 6	R	29871696 SHT PART \$285.00	0
8467K CABLE ASSEMBLY, R	01-301-0834	522499 6	R	29871696 SHT PART \$318.84	4
8467K COLLET, SPECIAL	01-435-8079	522499 10	R	29871696 SHT PART \$41,60	Ö

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LIMITED TECHNICHAL INSPECTION

- L3 L3 0415				ļ
PURPOSE OF LTI: JU		SERVICE REQUEST: 2	9940796	
RESPONSIBLE UNIT: $\sqrt{3}$	AABN	SET SERIAL: 522	768	
NOMENCLATURE: AAV		TAMN: E08467K	NSN: 2354-01-45	3-7410
NOMENCLATURE	NIIN / P/N .	SERIAL QT	Y DEF REMARKS	
FNGING TLANSMUSSON	014723051	3722/347 1	CODE :	
•				
DEFE	T CODES: S - SERVICA	BLE U - UNSERVICABLE	M – MISSING	
SL-S COMPLETE: YES / NO	,			
LAST PMCS DATE: 2020	,0318			
CCMMENTS: / / GHT 1 067083799, SP	OUT CANFLEXIBL	6-086-4293 FIX E, QTY/, OO-177-	TURE, ASSEMBLY, QTYI,	
		IDITION CODE: 🏲		
LTI BY PRINT/SIG DATE: 20208413	(b)(3), (b)(6), (b)(7)(c)	.TI BY PRINT/SIG	(b)(3), (b)(6), (b)(7)(c)	

	BIOUS VEHICLE (AAV7A1) HNICAL 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	**************************************
U.S.M.C. NO. 527768	HOURS \ 64 3	
HULL NO. RAM-Y-358		. 0000-1110-1110-1110-1110-1110-1110-111
ENGINE NO. 37221347		
TRANSMISSION NO. 200 4233	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
INSPECTOR'S NAME/RANK/	SIGNATURE	DATE INSPECTED
(b)(3), (b)(6), (b)(7)(c))	20200314
	- mile out our committee. The major	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	Includ	emarks MU led if unse	
Outside of Vehicle (Forward and Port)	- 10.2	集產	表象			京城		1	2500	
. Hull Forward End. Check for damage and bare metal.	V									
2. Towing Eyes. (Para 8–33)		17.7. 17.7.4.	超级 645	GENG GREE	15 Harr 287, 21		物源 協語	हेर्न्स्प्रहान्त्र है. संस्कृतस्य १४		
a. Port.	J_{\parallel}									
b. Starboard.	V									
3. Headlights. (Para: 11-32)		网络	<u>分で表</u> 対応な	BAN 香烟烷	100 A	· 经现金		AND SERVICE S	in ex nie to Zenikonkonie	の使用ない。
a. Port.	'V									
b. Starboard.	1/									
c. Headlight Guards.	V	<u> </u>								
4. Bow Plane. (Para: 10–14)		2.0	7.4. T		ogide New		(1) (2) (1) (2)			
a. Hinges and Mounting Hardware. (Para. 10-17)	0						<u> </u>			
b. Bow Plane. (Para. 10-17)	V	<u>]</u>							<u></u>	
c. Hydraulic Tubes and Fittings. (Para. 10-16)	\lor									
d. Pivot Actuator. (Para. 10-18)	$ \bigvee$									
5. Hull Port Side. Check for damage and bare metal.						37.5			. Tell Francis	
 a. Armor Piercing Protection Plates Kit (APK). (Para. 16–26a) 	J									
b. Steps. (Para. 16-29)	12									
c. Slope Rack Kit (SRK). (Para. 8-49)	V									
d. Stowage provisions. (Para. 16-37)	N			T						
e. Fairings. (Para. 16-28)										
f. Standoff Brackets. (Para. 16-27)										
g. Hull Bosses. (Para. 16-36)	7									
6. Port Track Shroud. Check for loose mounting hardware and damage. (Para. 16-28)				/				(1)	21	100HD
7. Port Final Drive. (Para. 7–18)			1. 1.1.		. W.	a hij			Say Wille.	Confession
a. Outer Housing.	\	. / -	W					450	round	0,90
b. Bolts.	V	7								7
8. Port Sprocket Carrier. Check for loose mounting hardware and damage. (Para. 7–16)										
9. Port Sprockets. (Para. 7-16)								- N		
a. Inner.	1	11,					T			
b. Outer.	1	1		1		\top	1			. ——

	NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust		Replace	Modify	Remarks MUST be Included if unserviceable.
	11: Port Track: (Para 7-7) Use track wear gage to miserviceable track shoe.	65 46 4			· 1000	美国的			
	a. Track Shoes.	J	1997	# 3	ويستاجه والمؤار	- 14-6E	8.554c3+	75245	Approximately and approximately and a second second
-	b. Track Pads.	Ŭ							
-	c. Track Pins.								
-	d. Track Wear.	$\overline{\mathcal{I}}$	(147)C277A.		***************************************				THE CONTRACTOR OF THE CONTRACT
	e. Track Adjustment.	Ž							
	12 Port Road Wheels and Hubs. (Para. 7–12). Circle those numbers which are unserviceable.			97 E	11 m		学 (2) (2)	新型型	
-	a. Road Wheel Cracks/Damage. 1 2 3 4 5 6	\checkmark							
	b. Road Wheel Wear Rings. 1 2 3 4 5 6	\checkmark							
	c. Hub Oil Leaks. 1 2 3 4 5 6	V							
	d. Hub Oil Level. 1 2 3 4 5 6	$oxed{oxed}$							
	e. Mounting Hardware. 1 2 3 4 5 6								
-	15. Port Support Arms. (Para. 7–13) Circle those numbers which are unserviceable. 1 2 3 4 5 6	V							
	14 Port Torsion Bars. (Para: 7–13) Circle those numbers which are unserviceable.	優和	16.0 15.00 1	建			/ TE	には、	
	a. Torsion Bars. 1 2 3 4 5 6	V							
	b. Retaining Screws. 1 2 3 4 5 6	V							
	15. Port Shock Absorbers. (Para. 7-11)		100 m	月影	1	+ 35g		8 8 7 3 3	THE PARTY OF THE PROPERTY OF THE PARTY OF TH
	a. No. 1 Shock.	V	_	<u> </u>	1		_	1_	
	b. No. 2 Shock.	Ŋ,			1_	1_	4		
	c. No. 3 Shock.	\bigvee	<u> </u>		_			_	<u> </u>
	d. No. 4 Shock.	<u> </u>		4	1		_	1-	rustee
	e. Mounting Hardware.	M	1	1	1			1	
	16. Port Front Single Support Roller. (Para. 7-14)		743	ছে ফ্	生態	4		· ···	A STATE OF THE STA
	a. Support Wheel Cracks/Damage.	$\perp \!$	-	1	\perp	\perp	\perp	\perp	
	b. Hub Oil Leaks.	17	4_						
	c. Hub Oil Level.			1	4	\perp		4-	
_	d. Mounting Hardware.		<u>/ </u>				\perp	\perp	<u> </u>

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
17. Port Dual Support Roller (Para 7–15)					瓣	邀		
a. Support Wheel Cracks/Damage.	J							
b. Hub Oil Leaks.	V							
c. Hub Oil Level.	V							
d. Mounting Hardware.	V							
18. Port Rear Single Support Roller. (Para. 7-14)		- 55-	藻	10.00 24.00	· 中	瀫	記念	200 (200 (200 (200 (200 (200 (200 (200
a. Support Wheel Cracks/Damage.	U							raggegyen megyepa nem menenenden konstit handi benerilanda da da distributi Abdulla Matta Matta Matta Matta da da da da merban da mellanda adi.
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)	$H^{(r)}$	€ ² 1,	5.0	₩.	12	u ji	20 miles	
a. Idler.	V							
b. Outer Wheel.	U				<u> </u>			
c. Inner Wheel.	V			<u>L</u>				
d. Mounting Hardware.	\bigvee							
e. Oil Level.	<u> </u>							
21. Port Track Tension Adjuster. (Para. 7-8)	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1- 13	1			1 2	13%	
a. Track Adjuster Support.	V							}
b. Track Adjuster.	N				1			
c. Bleeder Valve.	V							
d. Grease Fitting.	V							
 Port Anode. (Para. 8–53) Check for tightness of mounting screw. Make sure there is no paint on anode. 	V	1						
 Port Midships Bearing. (Para. 9–18) Check for signs of leaks. 	V							
24. Drive Shaft. (Para. 9-17) Check for signs of damage.	V.				1			
25. Footman Loop. (Para.) Check for weld cracks.	V	/			T		1	
26. Port Handrails. (Para.) Check for weld cracks.	abla		T			\top	1	
27. Port Cargo Hatch Supports. (Para.)	1.5			<u>.</u>		- I	3 S.	SALLE CONTROL OF ANY
a. Forward Support.	10		†	1			\top	
b. Aft Support.	1		T	\top		1	\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.)								

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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	N 5 (SA	77	100.4		1		Chan in the second of the seco
31. Bilge Pump Outlets.		1	なが	等 学 学				
a. Hydraulic Pump Outlet.	V,							WATER THE TOTAL PROPERTY.
b. Electric Pump Outlet.	$ \vee $	Danksaad	120-050	wherea.	ebassin-	-Brassaki	Constants	
32 Personnel Heater Exhaust Outlet	1.0	40-E	通	10 mg		MAL.	1	
a. Outlet Cap.	V			enen er enen er				the Constitution of the translat
b. Outlet Adapter.	V							
33. Exterior Fire Extinguisher Pull Handle	35		新疆		動	(表表) (3.3%)		
a. Handle.	<u>M</u>							
b. Wire Seal.	\succeq			<u> </u>		<u> </u>		
34. External Fuel Tank Drain. Check plug for tightness and leaks.	V							
 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.	V							
37. Fuel Tank Pressure Relief Valve Outlet Cover. Check cover and mounting screws for damage.	V				,			
 Port Propulsion Unit. Check unit for damage and mounting hardware for tightness. Rotate driveshaft to check for free movement of impeller. 	V							
Outside of Vehicle (Aft and Starboard)			1.5		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2.66	182	
1. Taillights.		1.2	礣	3,0		329	些是	建新加州国际企业基本 。
a. Port Taillight.	Ų			T				
b. Starboard Taillight.	V						T	
c. Taillight Guards.	V				Ì			
 Hom. Check for loose mounting hardware, corrosion, and proper electrical connections. 	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						\prod	
 Ramp Hinges and Towing Eyes. Check mounting hardware for rightness. 	V							

NOMENCLATURE/LOCATION	Salisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
7. Vision Block and Guard.	(数数) (数)	2003 2003	次能 多差	43	建設	京	調整	
a. Vision Block Guard.	V							
b. Vision Block.	abla							
8. Personnel Hatch		4272	4	3479) 1/27	2.77 3.75	2019年	物語	AND TO LESS THE STATE OF THE ST
a. Personnel Hatch Handle (inner and outer).	V							
b. Personnei Hatch Seal.	V							
c. Hook and Damper.	V							
d. Mounting Hardware.	V.			<u> </u>				
 Starboard Deflector. Check for warping and cracks. Check mounting hardware for tightness and damage. 	V							
10. Trailer Receptacle	4	-36		被	藝		卷	養殖家 北方線を指摘が
a. Cover.	V							
b. Retainer Chain.	V							
 Starboard Reverse Flow Duct. Check for damage and tight mounting hardware. 	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	1		1		emploide frances are many observed, which may serve and are the control of the many in many and are an extending and
14. Footman Loop. Check for weld cracks.	V		T	T		1	T	the state of the s
15, Starboard Idler Wheel and Hub.		7.0 %	V.			為	i Ind Jara	
a. Idler.	V				Ţ			
b. Outer wheel,	\]					T	
c. Inner wheel.	V							
d. Mounting Hardware.	V	/						
e. Oil Level.	∇						T	
16. Starboard Track Tension Adjuster.			\$ 600 \$ 500	を 発		沒沒	4 選	
a. Track Adjuster Support.	V							
b. Track Adjuster.	V							
c. Bleeder Valve.	V	,					T	
d. Grease Fitting.	V		T	T	T	T	T	
 Starboard Anode. Check for tightness of mounting screw. Make sure there is no paint on anode. 	Ti)						
18. Startvoard Midships Bearing. Check for signs of leaks.	k	力	T	T		1	\top	

	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable,
19. Starboard Road Wheels and Hubs: Check those			遊					arcided a unserviceable.
numbers which are unserviceable	1016 101 1417		蠶			意識	100	
a. Road Wheel Cracks/Damage. 1 2 3 4 5 6	√							
b. Road Wheel Wear Rings. 1 2 3 4 5 6	V							
c. Hub Oil Leaks. 1 2 3 4 5 6	$ \mathcal{J} $		*##Zookinstle					
d. Hub Oil Level.								
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	J							
 21. Starboard Torsion Bars. Check for broken bar and loose retaining screws. Circle those numbers which are unserviceable. 1 2 3 4 5 6 	Ý							
22 Starboard Shock Absorbers.	/= 1			\$ <u>*</u>	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	,-		
a. No. 1 Shock	V							
b. No. 2 Shock	V							
c. No. 3 Shock	\bigvee			<u> </u>				
d. No. 4 Shock	V							
e. Mounting Hardware.	U							
23. Starboard Front Single Support Roller	E	200	穩	璽	1866 1866 1866 1866	(日本記 第2年	金巻	
a. Support Wheel Cracks/Damage.	V							
b. Hub Oil Leaks.	V							
c. Hub Oil Level.	V							
d. Mounting Hardware.	W			Γ				
24. Starboard Dual Support Roller				2.9	1			
a. Support Wheel Cracks Damage.	V							
b. Hub Oil Leaks.	\vee						<u> </u>	
c. Hub Oil Level.	(İ		1	T	\top		
d. Mounting Hardware.	1.7	İ	T	T	T	1	1	
25. Starboard Rear Single Support Roller.	T	Ť		1	1	1	1	
a. Support Wheel Cracks Damage.	V		\vdash	T		1	1	
– c. Hub Gil Leaks.	V.			+	 	1	1	1
t. Hab Oil Level	V				+	†	1	
d Mounting Hardware.	V	1	\top	1	i	+	+	ENCLOSURE (S

			1	}		1		
NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
 Starboard Slap Guard. Check for wear and loose mounting hardware. 	J							
27. Startoard Track. Use track wear gage to measure wear - Mark each unserviceable track shoe:	1868 1868 177		が設める。					
a. Track Shoes.	V							
b. Track Pads.	V							
e. Track Pins.	1/							derivation of the first of the second second second second second second second second second second second se
d. Track Wear.	Ũ	1						
e. Track Adjustment.	Ū							
28. Starboard Sprocket Rings	1400 1477 1477 1477	100	125	1 472 1 472 1 472	97.7 27.7 27.7	2 - 2 2 - 2 2 - 2	100	
a. Inner.	V							
b. Outer.	W		ļ —					
 Starboard Sprocket Carrier. Check for loose mounting hardware and damage. 	V							
30. Starboard Final Drive.	1 S.P.	13.3	1 (S)	30		139	24	시 (14 - 14 H) 14 H (14 H) 14 H
a. Outer Housing.			V					us Conoce
b. Bolts.	V							
 Starboard Side Pontoon. Remove drain plug and check for water. 	V							
 Starboard Track Shroud. Check for loose mounting hardware and damage. 		\						M 7 bolds
33. Starboard Bilge Pump Outlets.			.**		, vec.	x 2%	2 0 0 2 22 28	The second second
a. Hydraulic Pump Outlet.	1				1		\top	
b. Electric Pump Outlet.	Ň		1		1		1	
34. Stowage Brackets. Check for weld cracks.	Ť	,	 	†	1	+	1	
35. Heater Exhaust Outlet. Check for loose mounting hardware and damage.	K	/						
36. Startoard Cargo Hatch Supports.	& 7 × 1 3 × 3	- 1	i i	3 1 7 4 5	도 1.8 그 Ye		S 彰	
a. Forward Support.)	1	1		T	1	
b. Aft Support.	T	汁	1			T	\top	
c. Hand Rails.	1.	1/1	+	1		\top		
37. Footman Loop. Check for weld cracks.		/	\top	+-	+	\top	+	
1	-1		<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				新鄉	100			
metal. a. Armor Piercing Protection Plates Kit (APK).	報題		意識		१८४७) च प्रदेश	100	整學	The first term of the first of
(Para. 16–69a)	$\langle \rangle$							
b. Steps. (Para. 16-72)	Š			w <i>m.</i> n.n.n.	77. Ministra			Abertan en processo de la companya del companya de la companya del companya de la
c. Slope Rack Kit (SRK). (Para. 16-73)	J							20.25.41d.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4
d. Stowage provisions. (Para. 16-81)	J							мания Адардара (урганда и допуска на населения допуска на населения допуска на населения допуска на населения н Стата на населения на населения на населения на населения на населения на населения на населения на населения
e. Fairings. (Para. 16-71)	J							
f. Standoff Brackets. (Para. 16-70)	ス							
g. Hull Bosses. (Para. 16–80)	V							
III. Bottom of Vehicle	9		- 100 m					
Hull. Check bottom of vehicle for damage.	J							
Dram Plugs Check for missing fight or damaged plugs:		な数	海海雪冰	(1) (2) (3) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4		· 大型	を発音	
a. Huli.	V							
ь. Ramp.								
c. Contact Cooler.	\lor							
IV. Outside of Vehicle (Topside)	42 T	遵			4	7-	7.5	
 Hand Raii (forward). Check for weld cracks or other damage. 	V							
Mooring Cleats/Lifting Fixtures - Check for damage (Para 8-34).	時代を言う	10000000000000000000000000000000000000		A 192 193 193 193 193 193 193 193 193 193 193			海震器	
a. Forward (port and starboard).	V							
b. Aft (port and starboard).	7							
3. Intake Grille. NOTE: Make sure intake grille is secured properly in raised position.			では、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						1	
b. Brace Rod.	V				T	1	1	
c. Cam Lock Handles Stop Screws.	Ŭ	1	1		<u> </u>	1		
d. Torsion Bar Assembly. (Para. 8-17)	77.	Ì			1	1	1	
e. Mounting Hardware.	V	1	T	1	1		Ť	
£. Seal.	V	1		1		1	<u> </u>	
 Ventilator-Appirator - Theok that value it criss properly and unlet soreed at the and but durage 2. Point S-18.) /				-		
5 Europeon Corvet und ling. The describition con en Englished Entrage und to April only for godyest leading. Fore 9 (199).	V	/	d de l'inchesse de l'annie					ENCLOSURE (

NOMENCLATURE (LOCATION 6. Center Plate. Clock stealing surface for light fit and retaining screws for dightness. 5. Estatus Grille (Fan 3 14). NOTE									
retatining screws for tightness. J. Extlants Grille (Fara & 14) NOTE Make suctitual extlants entile is secured properly in 1.	NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	
Make sursthat excharst strike is excited property in a fact of position. a. Screen. b. Sead. c. Brace Rod. d. Lugs (dogs). e. Mounting Hardware. 8. Plenum Indicators. a. Intake. b. Exchaust. 9. Searchlight Mount and Receptable. Check for damage. 10. Driver's Halch. a. Cover and Hinges. b. Torsion Bar. c. Latches (open and closed). d. Seals and Pads. e. Vision Blocks. f. DVE Adapter Assembly. 11. Periscope and Support, Check periscope for breaks and chips and support for damage. 22. Commander's Halch. a. Cover and Hinges. b. Torsion Bar. c. Latches (open and closed). d. Seals and Pads. e. Vision Blocks. f. DVE Adapter Assembly. 11. Periscope and Support, Check periscope for breaks and chips and support for damage. 22. Commander's Halch. a. Cover and Hinges. b. Torsion Bar. c. Latches (open and closed). d. Seals and Pads. e. Vision Blocks. f. Latches (open and closed). d. Seals and Pads. e. Vision Blocks. f. Latches (open and closed). d. Seals and Pads. e. Vision Blocks. f. Latches (open and closed). d. Seals and Pads. e. Vision Blocks. f. Latches (open and closed). d. Seals and Pads. e. Vision Blocks. f. Latches (open and closed). d. Seals and Pads. e. Vision Blocks. f. Latches (open and closed). d. Seals and Pads. e. Vision Blocks. f. Latches (open and closed). d. Seals and Pads. e. Vision Blocks. f. Latches (open and closed). d. Seals and Pads. e. Vision Blocks. f. Latches (open and closed). d. Seals and Pads. e. Vision Blocks. f. Latches (open and closed). d. Seals and Pads. e. Vision Blocks. f. Latches (open and closed). d. Seals and Pads. e. Vision Blocks. f. Latches (open and closed). d. Seals and Pads. e. Vision Blocks. f. Latches (open and closed). d. Seals and Pads. e. Vision Blocks. f. Latches (open and closed). d. Seals and Pads. e. Vision Blocks. f. Latches (open and closed). d. Seals and Pads. e. Vision Blocks. f. Latches (open and closed). d. Seals and Pads. e. Vision Blocks. f. Latches (open and closed). d. Seals and Pads. e. Vision Blocks. f. Latches (open and closed). d. Seals and Pads.		/	Complete Man-d	Yanta Marian				·····	
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c. Latches (open and closed). d. Seals and Pads. e. Vision Blocks. 13. External Exhaust system. Check the external muffler, muffler guard, for damage and operation. a. Muffler. b. Guard.	· · · · · · · · · · · · · · · · · · ·	1				S 1 120			
d. Seals and Pads. e. Vision Blocks. 13. External Exhaust system. Check the external muffler, muffler guard, for damage and operation. a. Muffler. b. Guard.	b. Torsion Bar.	V		十	1	1	1		
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muffler guard, for damage and operation. a. Muffler. b. Guard.	e. Vision Blocks.	1	1	\top	\top	+	1	T	
a. Muffler. b. Guard. v	13. External Exhaust system. Check the external muffler, muffler guard, for damage and operation.	CE Galler		-					
b. Guard.					\top	1	1	\top	
The state of the s	b. Guard.	- 		1	Ì	Ť	-	1	
	c. Pipes Clamp.	Ťv	1		<u> </u>			Ţ	

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.	/							
15. Overhead Protection Kit (OPK).			-					
a. OPK Tiles.	-							
- b. Torsion Bar Assist Mechanism (TBAM) Cover.	1				******		i	
c. TBAM.	/							
á. Bosses.	_							
16. Cargo Hatches.								
a. Covers and Hinges.	ر بر							
b. Torsion Bar.	1							
c. Latches (open and closed).	7							
d. Seals.	1							***************************************
F. Antenna Mounts.		71			THE PLANE	1.33.14		
a. Receiving Mount.	^							
b. Port Sending Mount.	_							
c. Starboard Sending Mount.	٠		<u> </u>					
d. PLRS Antenna Mount.	1							
e. DACT Antenna Mount.	7							the little and the state of the
18. Sea Tow Quick–Release. Check assembly for damage and proper operation.	7							A COMMINISTRATION AND ANY OF ANY ANY ANY ANY ANY ANY ANY ANY ANY ANY
Engine Compartment (Forward)	1							
Forward Bulkhead, Bow Pod Access Cover, and Bow Pod. NOTE Make sure intake grille is properly secured in raised position.				Although contract of the contr				
a. Bow Plane Velocity Fuse Valves.								March Andrews
b. Bow Pod Access Cover.	Ĭ/							
c. TACNAV sensor.	17	Ī	1	T	-			
2 Intake Plenum Actuating Cylinder	-	1		<u> </u>	-	1	1	
a. Cylinder.	1/	1	-	1		1		<u> </u>
t. Hydraulic Hoses.	1/	i	1	1	i	+-	+	†

NOMENCLATURE, LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
. Cooling Fan	4 1.50	藩	Z.	1.45°			¥2.2	gyddydd Addigol gan ar yr yr yr yr yr yr yr yr yr yr yr yr yr
a. Guard.	1							
b. Shroud.	1/							
c. Fan.	1/							
d. Bearings.	1							
e. Belt Adjustmeut.						1		Bett lattered, W Beltgurd
f. Seals.	17							
g. Fan Cartridge Bearing.	1./	Louis						
h. Drain Tube.	17							
Surge Tank	25 E E E	25		77. 14.0	智	1000	81.5 81.5	
a. Tank.	7							
b. Valve.	1				1			
c. Hose and Tubes.	1							
d. Mounting Hardware.	V	1	1					THE RESIDENCE OF THE PROPERTY SHOWS AND ADDRESS OF THE PROPERTY OF THE PROPERT
Crew Ventilation.								
a. Ducts, Clamps, and Hoses.	7/							
b. Drain Tube.	V							
7. Control Linkages.	- 10 (1) - 14 (1)							
a. Brake Linkage.								
b. Steering Linkage.	V			Π		T	Ī	
c. Throtile Linkage.	7			T		T	Т	
d. Brake Flood Control Valve Linkage.		/						
NOTE Make sure flood valve spindle moves freely.								
e. Engine Compartment Exhaust Fan Linkage.								`
 Transmission Mounts. Check mounts for loose mounting hardware. Check transmission guide and guide rollers for damage. 	V	,						
9. Electrical Wiring and Connections.	-			T	1	T		
a. Bulk Head Connectors.	17					T		
b. Power Plant Wiring.		1				T		
c. Crew Vent Fan.	1	/		1	_	1	1	
d. Electrical Bilge Pump.	1,	1	7		1		1	not connected to bilge t
10. Hydrostatic Steering Disconnect Lever. Check lever		_	\top	1	亡	1	1	

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. NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
11. Port Final Drive	Š.		を対象	蓬		蘧		
a. Oil/Oil Level.								
b. Oil Leaks/Seals.	1							
c. Mounting Hardware.	1							
d. Speedometer Adapter/Cable.	J							
 Port U—Joint. Check for wear, tight screws, and proper safety wiring. 	v							
Port Hydraulic Bilge Pump. Check for oil leaks, loose mounting hardware, damaged screen, and debris.	J							na nakisi kanda libinoid 24 di Galdan inin 2007. A A A Galdan inin 2007. A A A A A A A A A A A A A A A A A A A
 Bilge Pump Bypass Valve. Check for oil leaks, loose mounting hardware, and damaged electrical connections. 	ν							
 Plenum Solenoid Valve. Check for oil leaks, loose mounting hardware, and damaged electrical connection. 	\int							
6. 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.	1							
 Forward Engine Compartment Fire Extinguisher Discharge Nozzle. Check for damage and debris. 								
 Port Lateral Drive Shaft. Check shaft for damage and coupling for tight mounting screws and proper safety wire. 	/							
20. Port Right Angle Drive. Check oil level. Check mounting hardware for looseness. Check for signs of leaks.	/							
21. Starboard Final Drive.	讜	4 1			1	1		The state of the s
a. Oil/Oil Level.	1		T			1		
b. Oil Leaks Seals.	1	1	1					
c. Mounting Hardware.	7						T	
22. Starboard U-Joint, Check for wear, tight screws, and proper safety wiring.	V					1		
23 Starboard Lateral Drive Shaft. Check shaft for damage and coupling for tight mounting screws and project safety wire.	/				-			
24. Starboard Electrical Bilge Pump. Check screen for debris and damage. Check mounting hardware for								Not connected to bilge

							- 7	
NOMENCLATURE/LOCATION	Sattsfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
 Precleaner. Check cleaner for damage, loose mounting hardware, and loose clamps. Check screen for damage and debris. 	J							
 Crew Ventilation Fan. Check mounting hardware for looseness. Check ducts and clamps for damage and tightness. 	J							
 Starboard Right Angle Drive. Check oil level. Check mounting hardware for looseness. Check for signs of leaks. 	/							
28. Starboard Right Angle Drive Shaft. Check condition of shaft coupling for damage. Check coupling bolts for tightness and proper safety wire.								
 Fan Drive Shaft. Check shaft and coupling for damage or wear. Check safety wire for damage. 	$\sqrt{}$							
30. Fuel Filier.	114	ς=;/C	-\$24.7	E.V (Tips:			
a. Fuel Leaks.	/							
b. Drain Cock/Contamination.	V							
c. Electrical Leads/Transducer.	V,							
d. Mounting Hardware/Air Valve.	1							
31. Power Takeoff Unit				74 to 1938	譜		戮	
a. Oil Leaks.			l					
b. Mounting Hardware.	1							
c. Electrical leads/Connections.	1							
32. Starter. Check that starter is mounted properly. Check electrical leads and connections for damage and proper connections.	1							
33. Transmission Cil Cooler. Check for oil and water leaks. Check electrical leads and connections for damage. Check oil lines, hoses, and clamps for tightness.					-			-
 Exhaust Manifold (starboard side). Check for cracks, holes, and corrosion. Check mounting hardware for tightness. 								

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
35. Transmission: Check for overall cleanliness and damage.	疆			100				
a. Leaks.	J	in the second	S. C. Sandida	29-442-420	La Sandria	(13,52,135)	-57	A STATE OF THE STA
b. Torque converter to engine mounting screw for rightness.	1							
c. Range selector valve for leaks and safety wire.	17							
d. Oil Leaks.	1							1 5 1
 e. Left and right brake and steer sections for leaks and loose mounting bolts. 	1							
f. Check brakes for proper adjustment.	1/							
g. Check transmission drain line for leaks, damage, and loose drain plug.	1							
Lengine Compartment (Aft)	6 % S	均能	穪	14 (1 mg/s) 10 (1 mg/s)	- 12 - 12 - 13	<u> </u>		
Exhaust Plenum. Check actuating cylinder and oil lines for leaks., Check condition of plenum seal.	/							
 Components Boiled on to the Engine - Check for tight, mounting hardware, proper electrical connections, damaged hoses and electrical leads, and leaks. 			である。	建	がある。	要を表する		Im Enline
a. Turbocharger.	1							•
b. PT Pump.	1							
c. Exhaust Manifold (port side).	1							
d. Engine Oil Cooler.	/							
e, Engine Oil Filter.	1					Π	T	
f. Intake Manifold.	1		1			T		
g. Smoke Generation Components.	/	1				1		
h. Cold Start Components.	-	T	T	T		1	Π	1 3 2
i. Crankcase Breathers.			1		1	T	Τ	
3. Transmission Oil Fifer						 Z 6	/ 響	
a. Mounting Hardware.	1							
— b. Leaks.	-	-	1			1	\top	
c. Check Electrical Connections.	1_	1	1	\top	- 	1	1	
 Engine Oil Level. Check for correct level and signs of contamination. Check dipstick for damage. 								
5 Transmission Oil Level Check for correct level and signs of consamination. Theck fill rube and signs of the knowledge.	r /		400					
 Derhommer Febre Shaft - These for adaytes and value accorded 						-		

						- 1	•	
NOMENCLATURE/LOCATION	Salisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
 Radiator. Check for radiator damage. Check for water leaks on radiator and coolant tubes. 	1				1			
 Exhaust System. Check condition of insulation. Check for loose mounting hardware and damaged scavenging system check valve and for leaks. 	1							
 Engine Compartment Exhaust Duct. Check for cracks or other damage. Check mounting hardware and clamps for tightness. Check tubes for proper mounting. 	Ĵ							
 Engine. Check overall condition of engine for cleanliness and fuel, coolant, and oil leaks. 	,							
11. Generator	製造	(1) (1)			靈		響	
a. Bracket and Hardware.	1							÷
b. Pulley and Belt.								
c. Adjustment.	/							
d. Voltage Regulator	1							
12. Water Pump), Check for leaks.	140		薚	700				
a. Pump.	1			1		Π		
b. Hoses and Tubes.	1							
c. Belt and Adjustment.			,	1				1008/
 Fire Extinguisher Discharge Nozzle. Check for damage, debris, and condition of safety wire. 	1							
14. Engine Oil Heat Exchanger. Check mounting hardware for tightness. Check for oil leaks. Check electrical leads for damage and tight connections.	1							
 Cold Start Disconnect Lever. Check for proper operation. damage, and corrosion. 	/							
16. Hydraulic Reservoir	凝	3				湯	翻	
a. Oil Leaks.	1		Γ		1			
b. Mounting Hardware.	1							
c. Oil Level.	17	1	\top	1	1	1	1	
d. Dipstick for damage.	1-	+	+		+-			

· NOMENCLATURE/LOCATION	Sattsfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
VII. Troop Compartment NOTE Belove inspecting troop compartment, open cargo hatches, sound normand lower ample								
Engine Comparison Access Covers (aff) (Check all units rews and clamps for damage and operation Check covers for correct mating and damage.								
a. Aft Upper.	£							
b. Aft Center.								
c. Aft Lower.	~							
d. Port Upper.								
e. Port Lower.					<u></u>			
f. Smoke Generation.								
Smoke Generation Fuel Control Valve. Check to see if valve operates freely. Check for any damaged components and leaks.	.,							i i
3. Engine Compartment Fire Extinguisher.	纂	灩	讖	퇧	· 高速	· 美海	37.00 E	
a. Bottle and Tag.	2							
b. Control Valve.	1							
c. Clamps.	/							Anguagement personal company and another his Annual
Troop Ventilation Outlets. Check for free movement and damaged louvers.	/	-						
Coolant Bypass Tube. Check to see if tube is mounted properly in retaining brackets.	-							
6. Air Gleaner Compartment.	蠹	2					400	
a. Access Door.	1			T	Ţ			
b. Retaining Brackets.	1	1	1				T	
c. Element.	1-				Ť	1		
d. Compartment.	/	1	1	T				
". 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 damage. Check for loose mounting hardware.	1							
Storboard Longitudinal Shaft. Check shaft for damage and coupling for light notuning screws and proper safety whe.	1							

	ctory	7***				œ		1.
NOMENCLATURE/LOCATION	Sattsfactor	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 shufoff valves to make sure file handle, intrates freely.								
a. Internal Fuel Tank Drain.	<u></u>	AUGUSTAN	€56.83°	JP 348	14. 15. 15. 15. 15. 15. 15. 15. 15. 15. 15	203a	392000	
b. External Fuel Tank Drain.	/							
c. Fuel Lines and Fittings.	<i></i>							\
d. Manual Shutoff Valve.	_		-		<u> </u>	-		/
11. Fuel Tank	変形	WA.	Sylva.	72 HAZ	20732 2089	12-34	5-1-7-2 	ACRES DE LA CARTA DEL CARTA DE LA CARTA DEL CARTA DE LA CARTA DEL CARTA DEL CARTA DEL CARTA DE LA CARTA DE LA CARTA DE LA CARTA DE LA CARTA DE LA CARTA DE LA CARTA DE LA CARTA DE LA CARTA DE LA CARTA DE LA CARTA DEL CARTA DE LA CARTA DE LA CARTA DE LA CARTA DEL CARTA DEL CARTA DEL CARTA DEL CARTA DEL CARTA DEL CARTA DEL CARTA DEL CARTA DEL CARTA DEL CARTA DEL CARTA DEL CARTA DEL CARTA DEL CARTA DELA
a. Electrical Leads.	1	3,14,15		.,			2 7:3	The second secon
b. Leaks.	1							
c. Retaining Straps.	1							
d. Breather Cap.	-				ĺ			
12. Troop Seats.			400	靈	纖		蠶	
a. Hinges.	-							
b. Supports.	1							
c. Seat Pans.	7							
d. Cushions.								
e. Safety Belts/Straps.	1							
f. Adjusting Rods.	1							
13. Interior Stowage.	5 (vise	1 32 m	± 13€+15+3	- (* ±	T 56.30	1 1 2		
a. MG Cleaning Rod Bracket.		-						
b. Rifle Brackets.	/	יו						
c. Water Can Supports.						T		
d. Seat Stowage Supports.	(
e. DVE Container.	1						T	
f. Portable Fire Extinguisher Bracket.	1							
g. Paniphlet Stowage Rack.	1	-	T					
h. Ammo Box Bracket.	1		Ī		1			
i. Hand Oiler Bracket.	1_	-	T	T			T	
j. Tool Box Stowage Support.	1		7			\top	\top	
14. Power Distribution Box. Check to see if box is securely mounted. Check all electrical connections for lightness. Check cover for light screws. Check slave subject power switch for innuage.			14.1					

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
15. Batteries 9	1	**						
a. Battery Box Cover.	<u> </u>							
b. Holddowns.	_			<u> </u>				
c. Cables and Terminals.	1							
d. Battery and Terminal Posts.								
e. Battery Box Drains.	/							
f. Battery Instruction Plate.	_							anna ann an an an an an an an an an an a
 Radio Guards. Check guards for damage and loose or missing mounting hardware. 	/							
 17. Deflector Actuator Guards, Check guards for debris and damage. Check mounting hardware for tightness. 	· · · · · · · · · · · · · · · · · · ·	金融	2.2. 2.2. 3.4. 3.4. 3.4. 3.4. 3.4. 3.4.	語が		4000 等 整	建筑	
a. Port	_							M Bolts
b. Starboard.								
18. Water Steer System Components	Ž.	295.0 2,34.0 42.00	 13.3		122	2	35 T	
 a. Water-Jet Deflector Position Sensing Module (port and starboard). 								*
b. Water–Jet Deflector Servo Module (port and starboard).	/							
 c. Water–Jet Deflector Solenoid Module (port and starboard). 	^			_				
d. Actuator Cylinders Port and Starboard.	1							
e. Actuator Bracket Port and Starboard.	1							
19. AFSSS Electrical Components.		3	- (; ·			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1,17	The state of the s
a. Sensors Control Box.	1		Π	Τ			Π	
b. Cables.	-					T		
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.	,							
 Troop Ventilation Outlets. Check for free movement and damaged louvers. 	1							
 Ramp Lock Linkage. Check to see that linkage does not bind. Check for bent or warped linkage rods. 	/		The same of the sa	-	1			

	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be
NOMENCLATURE/LOCATION 24 Ramp: With pamp lowered, check-tamp seal for breaks	S See		S	A	E E	T.	2	Included if unserviceable.
and spongy condition:					新		· 是	
 a. Ramp Seal. Check mating with hull in closed position. 					•			
b. Vision Block Cover.	,							TO A STATE OF THE PROPERTY OF
c. Skid Bars	/	 		<u> </u>	 			
d. Quick-Release (Visual Only).	/						^	· · •
e. Tow Pintle Release.	~	<u> </u>		<u> </u>				· · · · · · · · · · · · · · · · · · ·
25. Deck Plates	7-79- 4-872	2087	遙	2.	藏	200	15	· · · · · · · · · · · · · · · · · · ·
a. Deck Plates (port and starboard).	- <u>6</u> ESE	1736	7900	(本等)(3)	10.060	多樣	200	· · · · · · · · · · · · · · · · · · ·
b. Center Deck Plate.	-	 		 				
c. Contact Cooler Bleeder Valve Access Cover.	-	 	 	 				
d. Bilge Pump Access Cover (port and starboard).	/							
e. Tiedowa Rings.	1			T				
NOTE - Remove troop compartment deck plates before continuing.			15					Free Spins
26. Contact Cooler. Check that bleeder valve is not frozen. Check for signs of leaks.								FREESPINS
27. Torsion Bars. Check torsion bars for damage.					Ī			- Additional Action of the Control o
28. Ramp Cylinder and Cable.	8			T	Ī			
29. Hydraulic Bilge Pump.	3 5年代 第 35章	i dydd Agel	128		1	10 Hz	37% 48%	SECTION OF SECTION SEC
a. Bilge Pump.	1			Π				
b. Outlet tube	1		T					
30. Electric Bilge Pump	750	35			5 (1944) 2 (1942)		想	The board of the second of the
a, Electric Pump.						T	Π	
b. Outlet Tube.	1							
31. Bilges. Check for cleanliness and obvious signs of damage.			1 2000	発展を変	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			
a. Brackets and Mounting Hardware.	-							
b. Discharge Tubs and Nozzles.	1		1	T				
32. Fire Extinguisher (17 lb).	3 2	1 34) 		4 5	1 43	100	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
a. Mounting Hardware.	6	-	T					
t. Discharge Tub and Seal.	1.		T		1	T		
c. Tag Date	1-							
_ d. Seal.	-		-		Ī			

NOMENCLATURE:LOCATION	Sattsfactory	Missing	Service	Adjust	Repair	Replace	Modlfy	Remarks MUST be Included if unserviceable.
33. Personnel Heater.	Christia The State of the Christian of t	- P. S. S. S. S. S. S. S. S. S. S. S. S. S.	扩散	E	T.			
a. Mounts.	V							·
b. Exhaust System and Cover.	/							
c. Electrical Wiring and Switches.	t'							
d. Fuel System.	V							
e. Heater Ducts.	V				CONTROL OF THE PARTY OF THE PAR			
34 Port Longitudinal Shaft Cover: Check for damage. Check for loose mounting hardware.			素素	影響	製作制	编旗	では多	
 Port Longitudinal Shaft. Check shaft for damage and coupling for tight mounting screws and proper safety wire. 	8							
36. Radio Mounts	and the second	/A/型	治學	2000 2000 2000 2000 2000 2000 2000 200	2.00 一种地	400		Application and the Control of the C
a. Check Mounting Hardware.	Ÿ							
b. Check Radio Mounts.	\checkmark							
c. Check Radio Cables.	V							
37. HPIRS Rack	400 S	प्रसाद्धीय जनसङ्	÷ (=42 :	-दश्यक्ष -दश्यक	57.434 14.35	eeer 為。		Market Committee of the
a. Check Mounting Hardware.	J							
b. Check Radio Mounts	1							
c. Check Radio Cables.	V							Gedriftsminnersenersenersen er er er en en en en en en en en en en en en en
VIII. Driver's and Commander's Station	1 (1) (4) (2) (2) (4)		2.35 2.35 21 5 至			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		A STATE OF THE STA
1. Access Covers.	野	13	韓	35 T	100 mg	多祭	经验	
a. Hydrostatic Steer Disconnect Lever.	1							
b. Final Drive U-Joint.	1							
c. Hydraulic Reservoir.	V							
Flapper Valve. Check spring tension flapper. Check mounting screws for tightness and damage to flapper.	<						1	
 Fire Extinguisher (7 lb) Check mounting bracket and a hardware for highliness. Check tag for date bottle-was a last weighed. Check wire seaf on control head. 			海海				海邊	
2. Bracket and Mounting Hardware.	V							
b. Tag/Date.	V	T		\top		1		
e. Wire Seal.	~		-	1	İ	1	†	
4 Ramp Lock Handle. Check handle and lock for damage and proper operation.	1							
 Ramp Control Valve. Check for damage, loose fittings, leaks, and loose mounting hardware. 	\ \				į 1		The second second	

	1		- 1	- T	- t			
NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
 Fire Extinguisher Discharge Handle. Check handle for damage and unbroken wire seal. 	J							
 Power Train Switch. Move lever and check for binding. Check bail for damage. 	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.	V							The state of the s
 Gear Selector. Check console for loose mounting hardware for damage. Check movement of selector through all gear range. 	~							
 Air Cleaner Restrictor Indicator. Check for proper mounting to bulkhead. Check indicator for damage. 	1							
 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:		· 设行	3.03 .54	\$4.5 \$35	1943 1943	33	1754 1754	ANTERES FRANCIS (AT ANTERES) - ANTERES (ANTERES) ANTERES (AT ANTERES)
a. Mounting Hardware/Brackets.	1							
b. Pedal and Pedal Stop Screw.	1	1		Π				
c. Water Drive Switch.	1							
 Brake Pedal. Apply and release brakes to check binding. 	V	1						
 Parking Brake Handle. Check for proper operation. Make sure that parking brake holds and releases properly. 	~							
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.	である。					· 1000 1000 1000 1000 1000 1000 1000 10	ではる。	
a. Steering Wheel.	V		\sqcap					
b. Steering Wheel Sensing Module.	V	1			T	1	T	
		_						<u> </u>

	 1	 }	- 1				- 1	
NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
17. Indicator Panel: Check ricuming hardware and			新	讖				
grommers for tighiness and damage. Check for loose or damaged switches, lightly and buttons (2002).								
		墓	100	変型	z krypych	(A)		
a. Master Switch.	7							
b. Lamp Test/Warning Cancel Switch.					1			
c. Horn Button.								
d. Panel Lights Brt Dim Switch.								
e. Cold Start Switch.	/							
f. Starter Button.								
g. Light Switch.			<u> </u>					
h. TACNAV Indicator.	_						1	
i. Tachometer.	/							
j. Speedometer.	-							
k. Smoke Generation Indicator Light.	1				Ī			
1. Smoke Generation Switch.	1							
m.Forward Electric Bilge Pump Switch.	1							
n. Aft Electric Bilge Pump Switch.	1							
o. Afr Electric Bilge Pump Indicator Light.	/		Ì					
p. Forward Electric Bilge Pump Indicator Light.	/				Ì		1	
q. Aft Hydraulic Bilge Pump Indicator Light.	/	1	1					
r. Forward Hydraulic Bilge Pump Indicator Light.	1	1	†	T	1	1	1	
s. Ventilation Switch.	-\ \ -\ \ \ -\ \		1	╁	1	1	1	
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.					12.22			
 Bow Plane Control Valve. Check for damage, loose ñπings, leaks, and loose mounting hardware. 	/							
20. Venf 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 STATE OF THE S		建筑	· · · · · · · · · · · · · · · · · · ·				
a Driver's Outlet.	1 1		T				-	
b. Commander's Outlet.	1			T		1		

		T	$\overline{}$		Ĭ			i	
NOMENCLATURE/LOCATION	Satisfactory		Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
 Vent Air Hoses, Tubes, and Duct. Check for loose clamps and mounting hardware. Check for damaged hoses, tubes, and duct. 	/								
 Bilge Ouflet Tube. Check tube for damage, hoses for cracks, and clamps for tightness. 	1					Î			
 Instrument Distribution Box. Check that box is securely mounted, and that cover screws are tight. Check all wiring harness connectors for tightness. 	/								
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	T	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.	6				,				
27. Data Plates. Check for damage.	-		1						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 cushions for damage.	1			/					Brade O Ru
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.	./								
31. Interior Decals and Instruction Plates. Check to see that they are readable.	/	1							
32. Fire Extinguishers (MFSS and AFSSS) \(\) NOTE At this time all fire suppression system bottles are to be pulled and weighed.	SAN TO SERVICE STATE OF THE SE								
a. Mounting Hardware.	1	1							
b. Discharge Tube and Seal.						1			
c. Tag Date.	1	-							
đ. Seal.	1.	-			T				
 Drive Shaft Guards - Check guards for damage and mounting hardware for tightness. 		-							

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
IX Equipment Operation		爨	鑑				1	
1 Start vehicle check operation of the following:		碳	38	靐				
a. Master Switch.	$\sqrt{}$							
b. Horn.	1							
c. Fuel Level Indicator.	"							
d. Battery Generator Indicator.	*/							
e. Electric Bilge Pumps (forward and aft).	V							
f. Panel Lights (brt/dim).	$\sqrt{}$							
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 year accelerate fully and check the following:	Constant in the second	が変え	· · · · · · · · · · · · · · · · · · ·			が対象を	温暖器	
a. Brakes.	7						177.	
b. Transmission.	V							
c. Engine. RPM	1							2800
d. TACNAV Indicator. Check that system powers and display works.	./							
4. Lights Check that lights work properly.		- : 52		-		12		And the same of
a. Light Switch.	/							
b. Service Drive.	/				1			
c. Dimmer Switch.	/							
d. Blackout Markers.	1					T		
e. Stop Light	V		Ī					
î Park	V		T	1		T		
y Searchiigut	J		1		-	1	1	
h Interior Dome Lights.	V		İ	1	!	-		
5 Imper's Viewer Enhancer II NE - Check that power system works	X					-		Speeds charker not connected
Lang Ten Warning Carriel Switch - Theck and - ignal with proper communications.	J			. calmy delta delt.				

04%	NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
	nctional Road Test	1999			6. F	· · · · · · · · · · · · · · · · · · ·	鱫	製造	
	Steering. Check operation and drift.								
2.	Gear Ranges. Check for slippage and that lockup works properly.	J							
3.	Smoke Generation. Check for correct operation.	·/							
4.	Brakes. Check to see if brakes pull to one side or the other.	V	40 uui-						335-14-14-14-14-14-14-14-14-14-14-14-14-14-
5.	Speedometer, 'Check for correct operation.	/							
ó,	Noises. Check for any unusual noises.	1							
l À	ater Systems Test	2	54	, g. A.	71 S	*			क्षण क्षण अस्तर क्षण होत्तर है। इसमान क्षण क्षण क्षण क्षण होता है।
	Plenums. Check that plenums close completely. Fan shuts off. (Para. 8–13)	/							
2.	Check if hydraulic bilge pumps operation.	J						 	
З.	Check if electric bilge pumps operate.	1				 			
4.	Check that jet drive activates at 1000 to 1200 RPM.	1	-						
5.	Bow Plane Operation.					-			
•	Control Valve. Check for proper operation and leaks.	/							
	b. Bow Plane. Check that it fully extends and retracts.								
	c. Pivot Actuator. Check for leaks, unusual noise		1			Ī	T	1	

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. 3-11-0	5 USMONG	5277	762	3		Mi	les	_3	60 Hours 1643
Date Inspects	(b)(3) (b)(6) (b)(7)(c)	Inspect					(b)	(3),	(b)(6), (b)(7)(c)
	*See Table C-1 for	UGWS							
	ATURE/LOCATION	Satisfactory	Missing		1	Repair			Remarks MUST be Included if unserviceable.
	The second secon	- 127	च्याः इतिहास	- ; 	14.E		27.74 27.74 28.74		Environment Application of the second of the
i. Basket Weldment C		$ \vee $							
 Area around side obstructions. 	s of basket weldment clear of	/							
b. Area around 12 obstauctions	channel slip ring clear of		_						
2. 12 Channel Slip Ri	ng.	1							
a. Electrical connec	riors tight and in good condition.								
b. Upper portion of	12-channel ship ring rotates freely								
c. Manual and elec	trical weapons station operation.	7							
3 Power Relay Asset	abiy.	7						-	The state of the s
a. Box secure to be	ottom of basket.		/						
b. Electrical conne	ctors tight and in good condition.	V				Emour			
4. Basket inspection		12					-		Tri Wages
a. Seat belt securé, condition.	latch working properly, belt in goo	od /							
b. Stowed items do	o not overhang basket.		1						
e. Seat in good co secure in basket	ndition, locks in all beight position assembly.								
II. Weapons Station Inter	ior		1				İ		
1. Turret Power Conf	rol Assembly.		1						
	re. Box secure to basket weldmen	1/	 			a ·			
b. Electrical conne	ctor tight and in good condition.		—	1	-	1	1	1	
2. Weapon Control A		_	1	-	+	-	\dagger		
	re. Box secure to basket weldmen		, 	1		1	T		1
	eter tight and in good condition.			_	1	1	1	 	

ENCLOSURE (51)

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
3 Traverse Switch Assembly	100	15.75	186.00 186.00 186.00	额	猫		新	
a. Box cover secure to basket weldment.	1						Annumun.	Autority (VO)
b. Electrical connector tight and in good condition.	7							
4 - M36E-TSS Periscope	整	3	1	鑃	饕		響	
Mounting Screws. Check screws for security. Check sight is secure to turnet weldment.	V							
 b. Sight. Check for moisture in window and in mirror. Check condition of glass. 	V							
 c. Sight Eyepieces. Check for moisture, condition of reticles, condition of eye-piece pads. and proper operation. 	-							
 d. Latch Assembly. Check that latch moves freely, and has spring tension. 	_							
e. Hanger Strap. Check for serviceability.		1						
f. Head Assembly. Check nuts on head assembly for tightness.	/	1						
g. Body Assembly. Check mounting hardware for security and that safety wire is present.	-	1						
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							
 i. Sight Power Electrical Connectors. Check that electrical connectors are in good condition. 	-	+						
 j. Check for cracks, dents, burns and chipped paint on housing. 	-	1						
 k. Check that valve cap is tight and retaining strap is not broken or missing. 	-	1						
Check that both knobs on elbow assembly move freely from LO to HI position.	-	1	-					
m. Check that lamp holder is tight and packing is installed.	~	1	,					
 n. Check that plug or shutter switch is present. If missing, notify supervisor. 		1						-
 Check that all boresight knobs move freely, and scales can be easily read. 		7						
p. Check D plate for damage and if it can be easily read. If plate cannot be read, notify supervisor.		1						
q. Check that shufter switch will not move to ON without pushing safety button first.		7						
 τ. Check that valve cap strap is not damaged or missing. 		1						
 Check that all screws are tight on mounting hardware. 	_\	1						

	 	7	ĭ	1	1			
NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	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. 	1							
50 Caliber Ammo Ejection Chine Check for condition and security Ensure that chine is clear of debriss			が開発					
Check ejection—chute hose for security and condition.	1							
 b. Spent-Cartridge Box. Check security and condition. Check operation of latches. 	1							
 Equilibrator. Check for corrosion, security and adjustment. 	7							
8. 50 Caliber Ammo Feed System			52	製造	¥.		16.50 16.50	
a. Check security and condition of .50 caliber ammo	7		\$97850-	5,5-2-	,5,62	200000	92.31	Control to the Control of the Contro
trays.	1	/						
 b. Check security and condition of roller guides. 	7							
9. 40mm Ammo Feed System	15	越			300	籱	金	
 a. Feed Chute. Check for dents, corrosion and/or damage. 	7							
 b. Check feed-chute cover for tears, holes; zipper must move freely. Check attachment points for security and condition. 	/							
c. Check anti-feedback lever for condition and security.	17			İ			İ	
10, 40mm Ammo Box Assemblyic	濃	1 188	· 遠疆				护理	
Check security and condition of box, doors, and flaps.	7	1		1				
b. Check operation of latches.	ナフ	1	+	1		†	T	
 c. Check that electrical connector on last—round switch is tight and in good condition. 	1	1						
 40mm Charger Assembly. Check condition and security of charger tube. 	/	1						
12. 40mm Mantlet.	等 遗	1	# ##		a re			
a. Check condition and security.	17	74725	37-32		31 PE	S 50 94.1	E. 504.0	A September of the Control of the Co
b. Check operation of cover latches.	-	4	+	+-	+	+-	+	
 50 Caliber Mantlet and Cradle. Check condition and security. Check for damage, cracked welds and bare metal. 	/							
14. Power—Assist Traverse Mechanism. Check for security, condition and leakage. Make sure that electrical connectors are tight and in good condition.	J							
 Elevation Control Assembly. Check for security and condition. 	1	1						

				·I		T		arabadag-engawanananananananananananananananananan
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.	V			2012-11-2				And South Control of the Control of
18. Grenade Launcher Inhibit Switch. Check for security and condition. Check that electrical connector is tight and in good condition.	_/	_						
 Elevation Interrupter Switches. Check for condition and security. Check that electrical connectors are tight and in good condition. 								
20. Utility Light. Check that light and electrical connector is secure and in good condition.	_							
21 Communications Box	14.0°	24	·斯克 新計	等於	· 经数	20 50 存录	400g	Service of the Australian Service Constitution of the Serv
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.	1994 1995 1995 1995	神道	100 April 100 Ap			高速	· "	
 Vision Blocks. Inspect for damage, security and clarity. 	-	-	gile Silving					·
 Ring Gear. Inspect for damage and corrosion. Should be clean and no grease. 	_	1						
23. Halch		646				靈		
Seal, Hatch, Hinges. Inspect for damage, loose hardware and proper operation.	/							
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).	9							
c. Hatch Handle. Check security, condition and proper operation.		1						
d. Crash Pads. Inspect pads on hatch and weapons station for security and condition.						٧		INOP
24. DAGR	1			7 7	N S			
 a. Check that electrical and antenna connections are tight and in good condition. 	بيد	T						
b. Check for security and condition.	17		1	_	1	\neg	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.	17							All at the Like I spanner
3. Smoke Grenade Launchers.								· · · · · · · · · · · · · · · · · · ·
 Tubes. Inspect sight tubes for dents, cracks or corrosion, and security to mounts. Check security of mount to turret. 	./		٠		*****			
 b. Electrical Contacts. Check that contacts are tight and free of corrosion. 	1				- - - -	\$		
c. Rubber Caps. Check sight caps for condition.						.		
 Entrance Window. Inspect condition and security. Look for signs of moisture. 	7		জ ১.					
Sight Cover. Inspect condition and security.	기							
 40mm Mantlet Cover. Check for security and condition. Check operation of latches. 	7							
Remote Antenna. Check security and condition of cover.	1							
IV. Functional Tests.					1			
Manual Operation. Check for weapons station binding and backlash.								
 Azimuth. Check movement through 360 degree clockwise and counter-clockwise. 	7							
b. Elevation. Check for +45 degree maximum elevation and -8 degree maximum depression.	1							
Powered Systems Test. Vehicle master switch and turret power switch ON. Check operation as noted.	ĺ						:	
 a. Control Box Lights. Check that control box lamps light when turret power switch is ON by pressing lamp test all button. 								
 b. Domelight. Lights in both blue and white switch positions. 					7			WHITE INDP
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.	7	Ì	T					
f. Exhaust Blower. Check operation.	7		Ì			1	\neg	

	,							NA LOWARDS
NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
Low Ammo System Test:			mine.			v= ;		
 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. 	/	- NOAV-2						
 c. Last–Round Switch OFF. Last–round indicator light OFF, override switch down, triggers work. 	1							
Weapons Station System. Perform test as prescribed in Section 3.								
a. Manual Elevation. Check operation.	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 Launcher Test.			783 282			A.A.	() 425 () 227 () 227	
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.	12:11						2. 4.2	
a. Check that DAGR passes self-test.	1	1						
b. Check that DAGR is using vehicle power.		7						
c. Check that DAGR is using remote antenna.		1						
d. Check functioning of DAGR screen back lighting.		1	1					

		52249	99	(6,400)	West Mark Control of the Control of
#	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	\$2.1 <u>5</u>	\$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	\$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	EXTINGUISHER,FIRE	1	\$129.91	\$129.91
21	13552064	BAR,PRY	1	\$9.95	\$9.95
22	2247987	BRUSH, FILE CLEANER	1	\$16.63	\$16.63
23	11740968	BRUSH, WIRE, SCRATCH	1	\$4.52	\$4.52
24	11955355	BRUSH, WIRE, SCRATCH	1	\$1.80	\$1.80
25	10758292	DRIFT PIN,TRACK	1	\$113.56	\$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	Section of the design for the tri	-	70101	\$1,408.67
	77				71,400.07

MEF-8 3190.91

	E08467K	£08467K	E08467K	E08467K	E08467K	E08467K	£08467K	ļ.,	E08467K	TAMON
	608467K WRENCH, Adjustable: 18 in. by 2.062 wr surf.; PN B107.8 CAGE 05047	1	1. HANDLE, Socket Weekli, 172 in dr. thiquel; 17 Su) in Ig; PN 5523A14 CACH: 39428	X SOCKET, Socket Wrench: 15/16 in., 3/4 dr; PN LDH302 CAGE 55719	E08457K PADLOCK; PN A-A-59487-1BC CAGE 58536	E08467X MEASURE, Liquid: PN 07472 CAGE 4NSU7	KNIFF, Putty; PN 5120-00-221-1536 CAGE 80244		2 - CAP, Protective, Dust And Moisture Seal: PN A3207525-1 CAGE 80063	NOMEN OF THE PROPERTY OF THE P
	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 STATES OF THE STATES OF TH
-	577678	522678	522678	522678	522678	522678	522678	522678	522678	SÉRIAL#
	_	_	,_			1	_	1	4	QTY
	2	z	Z	z	z	Z	z	z	2	QTY St3 Complete (Y/N)
	29916826	29916826	29916826	29916826	29916826	29916826	29916826	29916826	29916826	SR,#
	Þ	>	Þ	>	۸	Þ	»	Þ	A	RStatus
	\$65.11	\$9.67	\$11.67	31.25	\$7.83	\$40.01	\$5.11	\$114.94	\$13.19	PRICE EACH
	\$65.11	\$9.67	\$11.67	\$31.25	\$7.83	\$40,01	\$5.11	\$114.94	\$52.76	ТОТАL
										NEWARKS

ENCLOSURE (51)

LIMITED TECHNICHAL INSPECTION

DATE: 2360 2414	·	· ·		
PUFPOSE OF LTI:	_f	SERVICE REQUES	ST: 2974	17725
RESPONSIBLE UNIT: SD	AABN	SET SERIAL: 52	. '	
NOMENCLATURE: AAV	>)A(TAMN: E0846	NSI	N: 2356-07-45P-74
NOMENCLATURE	NIIN / P/N	SERIAL	QTY DE	
ENGINE TRANSMISSION	01-463-80(6 01-472-3051	37185166 AS152E	1 · 0	2150 RPM
_	T CODES: S - SERVICA	ABLE U-UNSERVIC	ABLE M - MI	SSING
SL-8 COMPLETE: YES /NO MODS VERIFIED: (E) / NO				
LAST PMCS DATE: 2020 0	211			
CCMMENTS:				
	CON	IDITION CODE: F		
)(3), (b)(6), (b)(7)(c)	_ LTI BY PRINT/SIG	N:_	(b)(3), (b)(6), (b)(7)(c)
LTIBY PRINT/SIGI (b DATE: 20204(4)(3), (b)(6), (b)(7)(c)	_LTI BY PRINT/SIG	N:_	(b)(3), (b)(6), (b)(7)(c)

	BIOUS VEHICLE (AAV7A1) HNICAL 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	
TAC NO. 3HG05	MILES 5/6	
U.S.M.C. NO. 523100	HOURS Z864	11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
HULL NO. RAM. Y-18U		
ENGINE NO. 37185166	· · · · · · · · · · · · · · · · · · ·	
TRANSMISSION NO. A 515ZE	P	
INSPECTOR'S NAME/RANK/	SIGNATURE	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 MUST be Included if unserviceable.
. Outside of Vehicle (Forward and Port)	ağ.	1.15	43		124	源標	198	
1. Hull Forward End. Check for damage and bare metal.	V							
2. Towing Eyes. (Para. 8–33)	134	阿姆	60 C	· 1000	1.4.A.			
a. Port.	1							
b. Starboard.								
3. Headlights (Para. 11–32)	5 (E.) 2 (F)	装置		3. h	37.	35	基础	
a. Port.	1/	 						
b. Starboard.	1							
c. Headlight Guards.	1/							
4. Bow Plane (Para. 10-14)			2.3	- 194 - 19 - 194 - 19 - 194 - 194 - 194	100 T	-134	200	Marie Company
a. Hinges and Mounting Hardware. (Para. 10-17)	/	L.						
b. Bow Plane. (Para. 10-17)	1							
c. Hydraulic Tubes and Fittings. (Para. 10-16)	1			$[_]$				
d. Pivot Actuator. (Para. 10-18)								
5. Hull Port Side. Check for damage and bare metal.								
 a. Armor Piercing Protection Plates Kit (APK). (Para. 16–26a) 	~		-					
b. Steps. (Para. 16-29)	1							
c. Slope Rack Kit (SRK). (Para. 8-49)	V							
d. Stowage provisions. (Para. 16-37)	V							
e. Fairings. (Para. 16–28)	V							
f. Standoff Brackets. (Para. 16-27)	V	1						
g. Hull Bosses. (Para. 16-36)	1					T		
 Port Track Shroud. Check for loose mounting hardware and damage. (Para. 16–28) 	~							
7. Port Final Drive. (Para. 7-18)					1 3	- 5	I 4.3	
a. Outer Housing.	1	1				T^-		
b. Bolts.	1,		1		\top	1		
 Port Sprocket Carrier. Check for loose mounting hardware and damage. (Para. 7–16) 	V						1	
9. Port Sprockets. (Para. 7–16)		\top	1	1	1	1	1	
a. Inner.	12/	1			1	1	\top	
b. Outer.	V	1	Ť	\top	1	\top	1	

			<u> </u>	1	<u> </u>	1	<u> </u>	<u> </u>
NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable,
 Port Track. (Para. 7–7) Use track wear gage to measure wear. Mark each unserviceable track shoe. 								
a. Track Shoes.	1		·					
b. Track Pads.								
c. Track Pins.	1							The state of the s
d. Track Wear.								THE RESERVE THE PROPERTY OF TH
e. Track Adjustment.			······	.7				
11. Port Road Wheels and Hubs. (Para. 7–12) Circle those numbers which are unserviceable.							AELIS.	
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 (5)	1	,: ,: ,		:			<u> </u>	
d. Hub Oil Level. 1 2 3 4 5 6	\ \frac{1}{2}							
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	1				Ì			
b. Retaining Screws. 1 2 3 4 5 6	V							
14. Port Shock Absorbers. (Para. 7-11)								
a. No. 1 Shock.	_							
b. No. 2 Shock.	1	\exists				\exists	\dashv	
c. No. 3 Shock.	1	İ				-		
d. No. 4 Shock.	1			Ī		7		
e. Mounting Hardware.	1	1	1		\neg	_	1	
15. Port Front Single Support Roller. (Para. 7–14)				-	\top	1		
a. Support Wheel Cracks/Damage.	1							
b. Hub Oil Leaks.	1/	\top	1		\dashv	\dashv	\dashv	2
c. Hub Oil Level.	1	7	寸	$\neg \uparrow$	1	\top	-	
d. Mounting Hardware.	1	-	\dashv		1	_	_	

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
16. Port Dual Support Roller, (Para. 7-15)							1945 1946	
a. Support Wheel Cracks/Damage.								Manufacture
b. Hub Oil Leaks.	1					<u> </u>		
c. Hub Oil Level.	V _				ļ			**************************************
d. Mounting Hardware.	/							
17. Port Rear Single Support Roller. (Para. 7–14)				\$\$ \$	2 12 15 T	15 - F	\$4.5°	
a. Support Wheel Cracks/Damage.	1							
b. Hub Oil Leaks.	1							
c. Hub Oil Level.	/_							
d. Mounting Hardware.	7		ļ			<u> </u>		
18. Port Slap Guard. (Para. 7–10) Check for wear and loose mounting hardware.	/							
19. Port Idler Wheel and Hub. (Para. 7-9)			10 a.5.		9			
a. Idler.	1		Ì					
b. Outer Wheel.	/_						<u> </u>	
c. Inner Wheel.	/							·
d. Mounting Hardware.	J							
e. Oil Level.	1							
20. Port Track Tension Adjuster. (Para. 7-8)		1		X 5.00			36 T	
a. Track Adjuster Support.	/							
b. Track Adjuster.	/	-						
c. Bleeder Valve.	7							
d. Grease Fitting.	1	1						
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				1			
24. Footman Loop. (Para. 8-50) Check for weld cracks.	1	<u> </u>						
25. Port Handrails. (Table 3-1) Check for weld cracks.	1		T					
26. Port Cargo Hatch Supports. (Para. 8-26)								
a. Forward Support.								
b. Aft Support.	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)	17							

		1	1	1	,	1	Τ-	i	
	NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
2	9. Stowage Brackets. Check for weld cracks.	1/				İ			
3	O. Bilge Pump Outlets.	1							
	a. Hydraulic Pump Outlet. (Para. 8–47)	/							
	b. Electric Pump Outlet. (Para. 8-46)	1			The state of the s	1	-		
3	i. Personnel Heater Exhaust Outlet. (Para. 14-14)	1	44	i Ten	ļ	6		100	THE RESERVE THE PROPERTY OF TH
	a. Outlet Cap.	1	V7-						THE HATTER STATE OF THE STATE O
	b. Outlet Adapter.	1							
32	2. Exterior Fire Extinguisher Pull Handle. (Para, 15-13)			-11			75		7-7-1-1 7-7-1-1
	a. Handle.	1		•		<u> </u>			
	b. Wire Seal.	J							
33	B. 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.	1							
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.	/							
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.	J				_			
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.			<u>/</u>					TIGHTEN CASE
5.	Ramp Plugs. (Para. 8-27) Check for tightness.	./				l			
6.	Ramp Hinges and Towing Eyes. (Para. 8-27) Check mounting hardware for tightness.	1							

			<u> </u>	1		1		:
NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
7. Vision Block and Guard. (Para. 8–30)	40.5 40.00	7 July 3 April	- 7 - 3 -	1. Te	1312 A	94.0°	-7°.¥° 16. 7	
a. Vision Block Guard.								
b. Vision Block.	J							
8. Personnel Hatch. (Para. 8–31)	% (≈ 1 	(1) (1)		10 mm	7. 12 24.23	(A) (A)	\$7.	
a. Personnel Hatch Handle (inner and outer).	1		2.0.0					100
b. Personnel Hatch Seal.	1					1		
c. Hook and Damper.	1							
d. Mounting Hardware.	1					<u> </u>		
 Starboard Deflector. Check for warping and cracks. Check mounting hardware for tightness and damage. (Para. 9–20) 	/							
10. Trailer Receptacle	K-32.		27 T		VENEZ SE SE		142 E	
a. Cover,		7						
b. Retainer Chain.	7	J						
11. Starboard Reverse Flow Duct. Check for damage and tight mounting hardware. (Para. 9–20)	/							
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)	/							
13. Drive Shaft. Check for signs of damage.		<u> </u>	1					NEEDS PM
14. Footman Loop. Check for weld cracks.	7							(-50,55)
15. Starboard Idler Wheel and Hub. (Para. 7-9)	漢法	il organi	100	÷.		R	ð.	
a. Idler.	1							
b. Outer wheel.	/							
c. Inner wheel.	7				<u> </u>	1		
d. Mounting Hardware.	7							
e. Oil Level.	7			1				
16. Starboard Track Tension Adjuster. (Para. 7-8)				. 24 Port	7 -	7	N/6/6	
a. Track Adjuster Support.								HANDON TO BE STORY
b. Track Adjuster.	1							
c. Bleeder Valve.	17	\top	 	1		T		
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)	/							

	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be
NOMENCLATURE/LOCATION	(n)	2	<u> </u>	4	_ CE	<u> </u>	2	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	1							
c. Hub Oil Leaks. 1 2 3 4 5 6	1							
d. Hub Oil Level.	7							1
e. Mounting Hardware. 1 2 3 4 5 6	1						1.	
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	/						# 12 ()	
22. Starboard Shock Absorbers. (Para. 7–11)		1717						
a. No. 1 Shock	1							
b. No. 2 Shock	1							
c. No. 3 Shock	1							
d. No. 4 Shock	1							
e. Mounting Hardware.								
23, Starboard Front Single Support Roller. (Para, 7-14)								
a. Support Wheel Cracks/Damage.	1							·
b. Hub Oil Leaks.	1							
c. Hub Oil Level.	1							
d. Mounting Hardware 🛴	1							
24, Starboard Dual Support Roller. (Para. 7-15)								
a. Support Wheel Cracks/Damage.	1							
b. Hub Oil Leaks.	1							
c. Hub Oil Level.	1							
d. Mounting Hardware.	7							
25. Starboard Rear Single Support Roller. (Para. 7–14)								
a. Support Wheel Cracks/Damage.	/							
b. Hub Oil Leaks.	1	<u> </u>					 -	
c. Hub Oil Level.	1			-				
d. Mounting Hardware.	1	<u> </u>			-			

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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)	/							
27. Starboard Track: Use track wear gage to measure wear. Mark each unserviceable track shoe. (Para, 7-7)								
a. Track Shoes.					i			
b. Track Pads.	1							
c. Track Pins.	Ţ							
d. Track Wear.						 !		
e. Track Adjustment.						,		
28. Starboard Sprocket Rings: (Para. 7-16)	\$ 10 \$ 20		1	Kong.	, A		3.	
a. Inner.	7							
b. Outer,	J							
29. Starboard Sprocket Carrier. Check for loose mounting hardware and damage. (Para. 7–16)	1	-		_				
30, Starboard Final Drive. (Para. 7-18)					283.5 3.5	.5.7 P.		
a. Outer Housing.	/							
b. Bolts.	J		-					
31. Starboard Side Pontoon. Remove drain plug and check for water. (Para. 8-44)	1							
32. Starboard Track Shroud. Check for loose mounting hardware and damage. (Para. 8–34)	/							
33. Starboard Bilge Pump Outlets. (Para. 8-46)	₹	24	3.4	517	75 Y	<i>5</i> =	1.77	
a. Hydraulic Pump Outlet.	1							
b. Electric Pump Outlet.	J							
34. Stowage Brackets. Check for weld cracks.	1						•	
35. Heater Exhaust Outlet. Check for loose mounting hardware and damage.	1							
36. Starboard Cargo Hatch Supports. (Para. 8-26)	100	713		Net	11 (1) 11 (2)	5		
a. Forward Support.	1							
b. Aft Support.	1							
c. Hand Rails.	1						1	
37. Footman Loop. Check for weld cracks. (Para. 8-50)	1				1	1	1	

				1	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.								
a. Armor Piercing Protection Plates Kit (APK). (Para. 16-26a)	./							
b. Steps. (Para. 16-29)	1							
c. Slope Rack Kit (SRK). (Para. 8-49)	1							
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							
II. Bottom of Vehicle	15. 15.75.			100 100 100 100 100 100 100 100 100 100	de de la composition della composition della composition della composition della composition della composition della composition della composition della composition della composition della composition della composition della composition della composition della composition della composition della composition della composition della composition della composition della com		tion and	
1. Hull. Check bottom of vehicle for damage.	1/2		_	2.5		77 F - 44		
Drain Plugs. Check for missing, tight, or damaged plugs.	17		-		TW T			
a. Hull. (Para. 8-42)	1				-			
b. Ramp. (Para 8-27)	1		65	1,221				
c. Contact Cooler: (Para: 8-43)	1							
V. Outside of Vehicle (Topside)								· · · · · · · · · · · · · · · · · · ·
Hand Rail (forward). Check for weld cracks or other damage.	1				:			
2. Mooring Cleats/Lifting Fixtures. Check for damage. (Para. 8-34)								
a. Forward (port and starboard).	1							
b. Aft (port and starboard).	√							
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.	1							
d. Torsion Bar Assembly. (Para. 8-17)								
e. Mounting Hardware.	1						-	
f. Seal.			-					
 Ventilator-Aspirator. Check that valve works properly and inlet screen is clean and not damaged. (Para. 8–18) 	1							,
 Radiator Cover and Cap. Check ballistic cover for damage and radiator cap for proper sealing. (Para. 8–19) 	n.Sr							

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NOMENCLATURE/LOCATION	Satisfactory	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.	/							
7. Exhaust Grille. (Para. 8–14)				. 4. 5.4. 8.550				
NOTE Make sure that exhaust grille is secured properly in raised position.								
a. Screen.	1	<i></i>						
b. Seal.	7							
c. Brace Rod.	U,							
d. Lugs (dogs).	1							
e. Mounting Hardware.	J							
8. Plenum Indicators. (Para. 8-16)	1	i Gaza			(\$\a_2\a_1 256			
a. Intake.	J							
b. Exhaust.	J							
9. Searchlight Mount and Receptacle. Check for damage.								
10. Driver's Hatch: (Para, 8-21)	3 fr					15.50 15.50		
a. Cover and Hinges.	7							The state of the s
b. Torsion Bar.	J							
c. Latches (open and closed).	7							
d. Seals and Pads.	1							
e. Vision Blocks.	1					ļ		
f. DVE Adapter Assembly.	V			İ	ļ			,
11. Periscope and Support. Check periscope for breaks and chips and support for damage. (Para. 8-24)	/							
12. Commander's Hatch. (Para. 8-23)	g),ia	Ş.,					ž. V.	
a. Cover and Hinges.	1							
b. Torsion Bar.	/							
c. Latches (open and closed).	1							
d. Seals and Pads.	J						-	
e. Vision Blocks.	1							
13. External Exhaust system. Check the external muffler, muffler guard, for damage and operation. (TM 8F152B-25&P/C)								
a. Muffler.	1							
b. Guard.	1							
c. Pipes/Clamp.	V							

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NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
 Ventilation Exhaust Outlet. Check ballistic cover for damage and tight retaining screws. Check screen for damage. 								
15. Overhead Protection Kit (OPK).				-				
a. OPK Tiles.			\mathcal{J}					@ 3BOLTS
b. Torsion Bar Assist Mechanism (TBAM) Cover.	1							<u> </u>
c. TBAM.	J							· · · · · · · · · · · · · · · · · · ·
d. Bosses.	1							
16. Cargo Hatches.			Бил			¥.		
a. Covers and Hinges.	1					-		
b. Torsion Bar.	J						3	- v
c. Latches (open and closed).	J		_					
d. Seals.	J							
17. Antenna Mounts.	-	9	74 (1) (1) (1) (1) (1)					
a. Receiving Mount.			20.		5			
b. Port Sending Mount.	<i>)</i>		- 1					
c. Starboard Sending Mount.	1		Ì					
d. PLRS Antenna Mount.	J		Ì					
e. DACT Antenna Mount.	J		Ì					
 Sea Tow Quick–Release. Check assembly for damage and proper operation. 	1							
V. Engine Compartment (Forward)								
Forward Bulkhead, Bow Pod Access Cover, and Bow Pod. NOTE Make sure intake grille is properly secured in raised position.				THE PROPERTY OF THE PROPERTY O				
a. Bow Plane Velocity Fuse Valves.	1							
b. Bow Pod Access Cover.			7		-	-	1	LOOSE BOLTS
c. TACNAV sensor.	1				1			<u> </u>
Intake Plenum Actuating Cylinder.				\dashv				
a. Cylinder.			-	_			<u>;</u> 	
b. Hydraulic Hoses.		J/			_	-		
3. Cam Roller Lock. Check condition of each latch roller.		•		-		$\neg \dagger$	\dashv	
	لـــــــا			i				

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
4. Cooling Fan.	多.E.	0.74			整型		127	
a. Guard.								
ъ. Shroud.	/							
c. Fan.								
d. Bearings.	,						ļ	
e. Belt Adjustment.	1							
f. Seals.	V							
g. Fan Cartridge Bearing.	J							
h. Drain Tube.		J						
5. Surge Tank:								
a. Tank.	1							
b. Valve.	V							
c. Hose and Tubes.	J							
d. Mounting Hardware.	1							
6. Crew Ventilation:		1. 1944 m. no.				15,44		
a. Ducts, Clamps, and Hoses.	1							
b. Drain Tube.		V						
7. Control Linkages	172	100 . 100 .				155 (c.		
a. Brake Linkage.	1							
b. Steering Linkage.	17							
c. Throttle Linkage.	1							
d. Brake Flood Control Valve Linkage.	1							
NOTE Make sure flood valve spindle moves freely.				1				
e. Engine Compartment Exhaust Fan Linkage.	1			 				
8. Transmission Mounts. Check mounts for loose mounting hardware. Check transmission guide and guide rollers for damage.	<i>\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\</i>							
9. Electrical Wiring and Connections.			-		. 3.3			
a. Bulk Head Connectors.		1	T		1		1	
b. Power Plant Wiring.		,	T		_	1		
c. Crew Vent Fan.	17	/	1			T	T	
d. Electrical Bilge Pump.	1		1./	1	1 -	\top	1	KNOCKING NOISE
 Hydrostatic Steering Disconnect Lever. Check lever for correct operation, damage, and wear. Check for leaks. 	/							

	Satisfactory	Missing	Service	ıst	air	Replace	ify	Remarks MUST be
NOMENCLATURE/LOCATION	Sati	Miss	Sen	Adjust	Repair	Rep	Modify	Included if unserviceable.
11. Port Final Drive.								
a. Oil/Oil Level.	7							
b. Oil Leaks/Seals.	1							10000450M-0-46-004
c. Mounting Hardware.	1							
d. Speedometer Adapter/Cable.								
 Port U-Joint. Check for wear, tight screws, and proper safety wiring. 	J							
 Port Hydraulic Bilge Pump. Check for oil leaks, loose mounting hardware, damaged screen, and debris. 	/							
 Bilge Pump Bypass Valve. Check for oil leaks, loose mounting hardware, and damaged electrical connections. 	J							,
 Plenum Solenoid Valve. Check for oil leaks, loose mounting hardware, and damaged electrical connection. 	1				-			•
 Bow Plane Hydraulic tubes. Hoses and Fittings. Check for leaks, loose fittings and loose mounting hardware. 	J							
 Fuel Manifold. Check for fuel leaks and loose mounting hardware. 			$\sqrt{}$					QUICK DISCON LEARING
 Forward Engine Compartment Fire Extinguisher Discharge Nozzle. Check for damage and debris. 	J							
 Port Lateral Drive Shaft. Check shaft for damage and coupling for tight mounting screws and proper safety wire. 	1							
 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							
 Starboard U-Joint. Check for wear, tight screws, and proper safety wiring. 	1							
 Starboard Lateral Drive Shaft. Check shaft for damage and coupling for tight mounting screws and proper safety wire. 	/							
 Starboard Electrical Bilge Pump. Check screen for debris and damage. Check mounting hardware for tightness. 			√					KNOCHING NOISE

				1	·			
NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
 Precleaner. Check cleaner for damage, loose mounting hardware, and loose clamps. Check screen for damage and debris. 	/							
 Crew Ventilation Fan. Check mounting hardware for looseness. Check ducts and clamps for damage and tightness. 		,						
 Starboard Right Angle Drive. Check oil level. Check mounting hardware for looseness. Check for signs of leaks. 	/							
28. Starboard Right Angle Drive Shaft. Check condition of shaft coupling for damage. Check coupling bolts for tightness and proper safety wire.	/					,		
29. Fan Drive Shaft. Check shaft and coupling for damage or wear. Check safety wire for damage.	1	-						
30. Fuel Filter.		11.0	Ti.h	715		T1 ()		
a. Fuel Leaks.	1							
b. Drain Cock/Contamination.								
c. Electrical Leads/Transducer.		-						
d. Mounting Hardware/Air Valve.	7							
31. Power Takeoff Unit		, YI	Water Posts		EMES GARS	10 m		
a. Oil Leaks.	J							
b. Mounting Hardware.	J							
c. Electrical leads/Connections.	IJ							
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.	/							
 Exhaust Manifold (starboard side). Check for cracks, holes, and corrosion. Check mounting hardware for tightness. 	1							

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							1.7 - 1.40/NOVERTURE REPORTED AND ADDRESS OF THE PARTY OF
 Torque converter to engine mounting screw for tightness. 	1							THE PARTY OF THE P
c. Range selector valve for leaks and safety wire.	./							
d. Oil Leaks.	/				-			
 e. Left and right brake and steer sections for leaks and loose mounting bolts. 	0				÷		,	
f. Check brakes for proper adjustment.								
 g. Check transmission drain line for leaks, damage, and loose drain plug. 	1	-	-					
. Engine Compartment (Aft)	E. Piero		1	ŧ., .,	æ£já	ē.		
Exhaust Plenum. Check actuating cylinder and oil lines for leaks. Check condition of plenum seal.	Ĵ		·		-226			
2. Components Bolted on to the Engine. Check for tight mounting hardware, proper electrical connections, damaged hoses and electrical leads, and leaks.		*						
a. Turbocharger.			1		7		1	LEAK
b. PT Pump.	1	i	j	j				
c. Exhaust Manifold (port side).			1				T	LEAK
d. Engine Oil Cooler.	1					-		V-1
e. Engine Oil Filter.								
f. Intake Manifold.		.				İ	寸	
g. Smoke Generation Components.						T		
h. Cold Start Components.			İ					
i. Crankcase Breathers.	1							
3. Transmission Oil Filter.		1	_		1	1		
a. Mounting Hardware.		1	\dashv		-		-	
b. Leaks.	7			1	\dashv	-	+	
c. Check Electrical Connections.			1	_		+	-	
4. Engine Oil Level. Check for correct level and signs of contamination. Check dipstick for damage.				-				
 Transmission Oil Level. Check for correct level and signs of contamination. Check fill tube and dipstick for damage. 				111111111111111111111111111111111111111	***************************************			
6. Tachometer Drive Shaft. Check for adapter and cable damage.	7					. 1		

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
 Radiator. Check for radiator damage. Check for water leaks on radiator and coolant tubes. 	/							
 Exhaust System. Check condition of insulation. Check for loose mounting hardware and damaged scavenging system check valve and for leaks. 	*		/					INSULATION COOSE
Engine Compartment Exhaust Duct. Check for cracks or other damage. Check mounting hardware and clamps for tightness. Check tubes for proper mounting.	J							
10. Engine. Check overall condition of engine for cleanliness and fuel, coolant, and oil leaks.	J							
11. Generator	- Ps	17.	28:3.					
a. Bracket and Hardware.	_/							
b. Pulley and Belt.	1			<u> </u>				
c. Adjustment.	1							
d. Voltage Regulator			/					IMPROPERLY MOUNTED
12. Water Pump. Check for leaks.				1 (1970) 14 (1970)	あ.df k あ.さ.j	· 小说		
a. Pump.	/							
b. Hoses and Tubes.	7							
c. Belt and Adjustment.	/	1						
13. Fire Extinguisher Discharge Nozzle. Check for damage, debris, and condition of safety wire.	1							
14. Engine Oil Heat Exchanger. Check mounting hardware for tightness. Check for oil leaks. Check electrical leads for damage and tight connections.	1							
 Cold Start Disconnect Lever. Check for proper operation, damage, and corrosion. 	J							
16. Hydraulic Reservoir		, y, 11	33				13.	
a. Oil Leaks.			17					QUICH DISCON LEA
b. Mounting Hardware.	~							
c. Oil Level.	1		1					
d. Dipstick for damage.		1			1			

	1	1	1		1	1	1	
NOMENCLATURE/LOCATION	Satisfactory	Missina	Connico	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.								
 Engine Compartment Access Covers (aft). Check all thumbscrews and clamps for damage and operation. Check covers for correct mating and damage. 	-				,			
a. Aft Upper.	1							
b. Aft Center.	1			<u> </u>				
c. Aft Lower.	1							
d. Port Upper.	1	<i>.</i>		<u> </u>	-		5"	
e. Port Lower.	Ÿ	'		/· ·	_	! 		
f. Smoke Generation.	1							
 Smoke Generation Fuel Control Valve. Check to see if valve operates freely. Check for any damaged components and leaks. 	1	-ţ						
3. Engine Compartment Fire Extinguisher.	170		- 7					
a. Bottle and Tag.	1	14						
b. Control Valve.	1			-				
c. Clamps.	/			-				
 Troop Ventilation Outlets. Check for free movement and damaged louvers. 								
Coolant Bypass Tube. Check to see if tube is mounted properly in retaining brackets.	/			-				
6. Air Cleaner Compartment.						•		
a. Access Door.								
b. Retaining Brackets.							1	
c. Element.		-						
d. Compartment.		1		[-	
 Right Angle Drive Access Cover. Rotate weapon station to gain access to cover. Check cover for proper mating and damage. 	1	· come						
 Starboard Longitudinal Shaft Cover. Check for damage. Check for loose mounting hardware. 	1					1		
 Starboard Longitudinal Shaft. Check shaft for damage and coupling for tight mounting screws and proper safety wire. 	1							

	· · · · ·	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	爱				: 10.51 5.47	Posts.		
operation. Check fuel lines and fittings for leaks. Check manual shutoff valves to make sure the handle rotates freely.								
a. Internal Fuel Tank Drain.	197A) 81	148020	1	4685-9575	30.55	- STATES	respecto.	O STOPPER
b. External Fuel Tank Drain.	./							370,000
c. Fuel Lines and Fittings.	1	-						- Address - Colores
d. Manual Shutoff Valve.	7	1	ļ				<u> </u>	
11. Fuel Tank	学堂	1972	3,-4,	144.31 344.31	1977	335		
a. Electrical Leads.	a Debidier.	Acres of the	1	e Hise.		£43.4	295.55	AFT PUMP DUESING SHUT OF
b. Leaks.	7				 			1
c. Retaining Straps.	-	 						
d. Breather Cap.	1	-	<u> </u>			ļ	<u> </u>	
12. Troop Seats.	- K.W.			(5)		美艺	100	
a. Hinges.	1							<u> </u>
b. Supports.	17	<u> </u>		ļ				
c. Seat Pans.	1	1						
d. Cushions.								
e. Safety Belts/Straps.	1		<u> </u>					
f. Adjusting Rods.	1							
13. Interior Stowage.	1.00	1.6.7						
a. MG Cleaning Rod Bracket.	1							
b. Rifle Brackets.	1	1						
c. Water Can Supports.	1							
d. Seat Stowage Supports.	1							
e. DVE Container.	1							
f. Portable Fire Extinguisher Bracket.	1	-						
g. Pamphlet Stowage Rack.		/						
h. Ammo Box Bracket.		1	1	1				
i. Hand Oiler Bracket.	1	1						
j. Tool Box Stowage Support.		1	1				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.	/							

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
15. Batteries.			Ī					
a. Battery Box Cover.	7							
b. Holddowns.	1				<u> </u>			
c. Cables and Terminals.	J							
d. Battery and Terminal Posts.	1						ļ	THE PROPERTY OF THE PROPERTY O
e. Battery Box Drains.	1						ļ	THE STATE OF THE S
f. Battery Instruction Plate.	/					<u> </u>		
 Radio Guards. Check guards for damage and loose or missing mounting hardware. 	/						-	ally and
17. Deflector Actuator Guards. Check guards for debris and damage. Check mounting hardware for tightness.			ag S			.415 		
a. Port			<i>J</i>					UNTUSTALIFO
b. Starboard.	1		-	is G	i,	KY		2.5
18. Water Steer System Components.	· 1844	Σę		,çıçı				
 a. Water-Jet Deflector Position Sensing Module (port and starboard). 	ノ			Į.				
b. Water-Jet Deflector Servo Module (port and starboard).			ſ					
 c. Water-Jet Deflector Solenoid Module (port and starboard). 	-		/					STBO NOT MOUNTED
d. Actuator Cylinders Port and Starboard.	~				•			
e. Actuator Bracket Port and Starboard.	1			j				
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)	/		_					
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) BULBS HEGO 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.								
 Troop Ventilation Outlets. Check for free movement and damaged louvers. 	1							
 Ramp Lock Linkage. Check to see that linkage does not bind. Check for bent or warped linkage rods. 	1							

		Τ					<u> </u>		
NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify		ks MUST be unserviceable.
24. Ramp. With ramp lowered, check ramp seal for breaks and spongy condition.	341 341 341								
Ramp Seal. Check mating with hull in closed position.	J							- Control of the Cont	
b. Vision Block Cover.	,/								
c. Skid Bars	1								
d. Quick-Release (Visual Only).	1				ĺ				
e. Tow Pintle Release.	1								
25. Deck Plates.			1.41 3.5 E	S	ij±ν Nort				
a. Deck Plates (port and starboard).	J				<u> </u>	ļ			
b. Center Deck Plate.	1								
c. Contact Cooler Bleeder Valve Access Cover.	1	T							
d. Bilge Pump Access Cover (port and starboard).	1								
e. Tiedown Rings.	1								
NOTE Remove troop compartment deck plates before continuing.									
 Contact Cooler. Check that bleeder valve is not frozen. Check for signs of leaks. 			1					BLEEDE	N VALVE SEIZED
27. Torsion Bars. Check torsion bars for damage.	1								
28. Ramp Cylinder and Cable.	V								
29. Hydraulic Bilge Pump.			i v		7	4.6			
a. Bilge Pump.	1								· · · · · · · · · · · · · · · · · · ·
b. Outlet tube.		1							
30. Electric Bilge Pump,			. 5				100		
a. Electric Pump.	7								
b. Outlet Tube.			1					CLAMI	'S NEWD TIG
 Bilges. Check for cleanliness and obvious signs of damage. 						a Kan Vitan Hari			
a. Brackets and Mounting Hardware.	1	1							
b. Discharge Tubs and Nozzles.									
32. Fire Extinguisher (17 lb).	1				:V				
a. Mounting Hardware.	7	1	1	1			T		· · · · · · · · · · · · · · · · · · ·
b. Discharge Tub and Seal.	1	1	1		1	1			
c. Tag Date	+-	17	1		1	 			
d. Seal.	1	朾	+-			1	1		

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
33. Personnel Heater.			2 - -12 -				427	-
a. Mounts.	17							
b. Exhaust System and Cover.			1					BRONEN HANDLE
c. Electrical Wiring and Switches.	1							The state of the s
d. Fuel System.	1							
e. Heater Ducts.			1				1	NOT MOUNTED
 Port Longitudinal Shaft Cover. Check for damage. Check for loose mounting hardware. 				.6.	15 (1) (1 16 (1) (1) (1)	(A)		
 Port Longitudinal Shaft. Check shaft for damage and coupling for tight mounting screws and proper safety wire. 	√az				4			
36. Radio Mounts.	養		±).			1	1	
a. Check Mounting Hardware.	1							
b. Check Radio Mounts.			/			•		Longe
c. Check Radio Cables.	5		25					
37. EPLRS Rack.	12.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1		Ę					
a. Check Mounting Hardware.	1							
b. Check Radio Mounts	1				İ		1	
c. Check Radio Cables.	1		i				1	
VIII. Driver's and Commander's Station						Ť		
1. Access Covers.			.	1		1	- Annual Contract Con	
a. Hydrostatic Steer Disconnect Lever.					$\neg \uparrow$	7		
b. Final Drive U-Joint.	1			i		1	<u> </u>	
c. Hydraulić Reservoir.	1		7	1			1	
 Flapper Valve. Check spring tension flapper. Check mounting screws for tightness and damage to flapper. 	/							
 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. 	-							
a. Bracket and Mounting Hardware,	1	-			1	1	1	
b. Tag/Date.				1	1	1	-	UNREADABLE
c. Wire Seal.	V				寸	Ť		Invitediby
 Ramp Lock Handle. Check handle and lock for damage and proper operation. 	1							
Ramp Control Valve. Check for damage, loose fittings, leaks, and loose mounting hardware.						***************************************		

								THE REPORT OF THE PARTY OF THE
NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
 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.				·				DISCON ZAMLAS
 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. 	1							
 Gear Selector. Check console for loose mounting hardware for damage. Check movement of selector through all gear range. 								
Air Cleaner Restrictor Indicator. Check for proper mounting to bulkhead. Check indicator for damage.	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.	/							
13. Accelerator Pédal.					73	2,17% 3045		
a. Mounting Hardware/Brackets.	U							
b. Pedal and Pedal Stop Screw.	7							
c. Water Drive Switch.			/					DISCON CABLES
14. Brake Pedal. Apply and release brakes to check binding.	1							
 Parking Brake Handle. Check for proper operation. Make sure that parking brake holds and releases properly. 	1							
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 COLOR					
a. Steering Wheel.	V							
b. Steering Wheel Sensing Module.	V		1				ĺ	

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
 Indicator Panel. Check mounting hardware and grommets for tightness and damage. Check for loose or damaged switches, lights, and buttons. 								
. a. Master Switch.					V.V	i		, <u>, , , , , , , , , , , , , , , , , , </u>
b. Lamp Test/Warning Cancel Switch.								
c. Horn Button.	7							
d. Panel Lights Brt/Dim Switch.	U						\exists	***
e. Cold Start Switch.	17					-		
f. Starter Button.								
g. Light Switch.	1/					1		
h. TACNAV Indicator.								
i. Tachometer.	17	_			7 -		_	
j. Speedometer.	17			-	- 1			
k. Smoke Generation Indicator Light.	17					7		
l. Smoke Generation Switch.	1							
m. Forward Electric Bilge Pump Switch.	1							<u> </u>
n. Aft Electric Bilge Pump Switch.	1						_	
o. Aft Electric Bilge Pump Indicator Light.	1							
p. Forward Electric Bilge Pump Indicator Light.	17	1		_				
q. Aft Hydraulic Bilge Pump Indicator Light.	1				1			
r. Forward Hydraulic Bilge Pump Indicator Light.	7	Ť			1			
s. Ventilation Switch,	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 second s						WATER TEMP INOP
 Bow Plane Control Valve. Check for damage, loose fittings, leaks, and loose mounting hardware. 				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.				7				
a. Driver's Outlet.		1		+	+		\dashv	
b. Commander's Outlet.	 	十		+		+	\dashv	

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
 Vent Air Hoses, Tubes, and Duct. Check for loose clamps and mounting hardware. Check for damaged hoses, tubes, and duct. 								
 Bilge Outlet Tube. Check tube for damage, hoses for cracks, and clamps for tightness. 	1				Î			
23. Instrument Distribution Box. Check that box is securely mounted, and that cover screws are tight. Check all wiring harness connectors for tightness.			\checkmark					(b) PAMEL CONTR
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.								
 Manual Fuel Shutoff Handle. Check shaft for damage and grommets for wear. Rotate handle to check for free operation. 	1							
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					CUSHION DOWN
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
31. Interior Decals and Instruction Plates. Check to see that they are readable.	1							
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.	1							
c. Tag Date.		1						
d. Seal.	1							
 Drive Shaft Guards. Check guards for damage and mounting hardware for tightness. 	1							

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable,
X. Equipment Operation	1 i	,		-	311			
1. Start vehicle, check operation of the following:					1.			
a. Master Switch.	1			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				
b. Horn.			/					Cable LuT
c. Fuel Level Indicator.	1							and the same of th
d. Battery Generator Indicator.	1							
e. Electric Bilge Pumps (forward and aft).			/					EWO RATTLES
f. Panel Lights (brt/dim):	1							
g. Display Panel Warning Lights.	7							
h. Vent Switch Low Position.	1		. 1.					
 Perform Diagnostic Test Equipment checks in accordance with TM 09674A~25&P/4, (See worksheet at the end of this Appendix). 	/	·				1-		
Vehicle Stall Check. With brakes locked, and gear selector in 4th gear, accelerate fully and check the following:			100			*11°		
a. Brakes.	1							
b. Transmission.	J							
c. Engine. RPM.			1					2150 RPM
 d. TACNAV Indicator. Check that system powers and display works. 								
4. Lights, Check that lights work properly.								
a. Light Switch.	\							
b. Service Drive.	1							
c. Dimmer Switch.	\mathcal{J}							
d. Blackout Markers.			1					1 NOP
e. Stop Light.	1		-					
f. Park.	/				_	Ì		
g. Searchlight.	/							
h. Interior Dome Lights.		Ì			7			RENROOMEINOP BULBS NIED REP
Driver's Viewer Enhancer (DVE). Check that power system works.	✓				-			
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		-11. 3. 12.						
Steering. Check operation and drift.	J							
Gear Ranges. Check for slippage and that lockup works properly.								DURSHT REACH 4TH GR LOLHOUT
3. Smoke Generation. Check for correct operation.	1							
 Brakes. Check to see if brakes pull to one side or the other. 	1							
Speedometer. Check for correct operation.			1					DOESN'TREACH 4-14 GR LUCHOU
6. Noises. Check for any unusual noises.	1							
XI. Water Systems Test	-				igy i		1944) 1942	
 Pienums. Check that plenums close completely. Fan shuts off. (Para. 8–13) 			/	/				NO HYDROLEAN
2. Check if hydraulic bilge pumps operation.			/					
3. Check if electric bilge pumps operate.	1							
4. Check that jet drive activates at 1000 to 1200 RPM.			1					JET DAVE OPERATES INLAND
5. Bow Plane Operation.	4-3/	4 %			E 1.5.		200	
a. Control Valve. Check for proper operation and leaks.			1					NULTOROLEAN
b. Bow Plane. Check that it fully extends and retracts.			1					.)
 c. Pivot Actuator. Check for leaks, unusual noise and smooth operation. 			1					
B.F.	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

izzae Inspected 20200414 in	speci	.) <u>[</u>				(b)(3), (b)(6), (b)(7)(c)
▼See Table C-1 for U	GWS.	D		C.23				
MOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Hopair	Replace	Modify	Remarks MUST be included if unsarviceable
I. Basket Weldowent								
1. Basker Weldment Clearance.					11.00	,		
 Area around sides of basket weldment clear of obstractions. 	Total Control of the				0.00		Ì	-
 Area around 12 charmel slip ring clear of obstatements 								
1 12 Channel Shy rung.	9		,					
s. Alexand, o que com agia acó in godo continua	V		ř	:				
 Upper poris t : 111-channel slip ring course ir-ely. Manual and electronic weapons station (persisting) 	V		7) -				
n. Manual and electronic weapons sanical operation	\mathbb{Z}		·	; (
Town Bulay Association		-		1			L.	
c. Box samme in commo of broket.			ļ	}				
is. Electrical carrie sera tight and in good condition	14/	1		ļ	h r		,	l.
Besätt inspection			E .		6 Live		;	
i. Seat leit sehne lindt working properly belding sel routiil.	\ <u>\</u>		abit. I abi aabi				to the state of th	1 to 1 to 1 to 1 to 1 to 1 to 1 to 1 to
१ ५ १ परम् १ दिल्लाक के प्राप्त क्षणनाविकानु विकासना		į.	E E	;	:			
ere un in la les de le renditaren, freder for en l'hebre a la commune de le le le le le le le le le le le le le		7				-		
II. Thegata Settled America	- Carrie	r:	77.3	}			i.	
L. Time: Power Coming Assessibly.	C. C	ř	E.	***	i:	F E	í ž	0.00
2. Eksti dovied se nine. Bom seemie so basites weldimens		i i	1		(===- . : :	: :	i.	3
- Electrical extractor sight and in good condition.	, /		r t	<u>.</u>	i.		1	
I. Tagan Gurian Lawrening.		1	1	<u></u>	1	Ç	E .	
a. Now a ver secure. Box secure to basing trelibration	1./	·-	š	Ž	:	۳ ا	<u> </u>	•
b Flooring Symmetry religion and in great condition.	⁄نــــ	-	-	<u>_</u>	<u></u>	-	-	.)

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
3. Traverse Switch Assembly.	藝	2	1.57 3.75	100 100	16.6	33	1	
a. Box cover secure to basket weldment.			/					M 2130 10/1 0056
b. Electrical connector tight and in good condition.								
4 M36E-TSS Penscope	(1) (1)	t X					£.2	
Mounting Screws. Check screws for security. Check sight is secure to turret weldment.	✓							
 b. Sight. Check for moisture in window and in mirror. Check condition of glass. 	V							
 c. Sight Eyepieces. Check for moisture, condition of reticles, condition of eye—piece pads. and proper operation. 	/							
d. Latch Assembly. Check that latch moves freely, and has spring tension.	\checkmark							
e. Hanger Strap. Check for serviceability.	V							
f. Head Assembly. Check nuts on head assembly for tighness.	V							
g. Body Assembly. Check mounting hardware for security and that safety wire is present.	1	7						
h. Boresight Knobs — Azimuth and Elevation. Check setting on both knobs and record. Turn each knob, check for smeeth movement and shift of sight reticle. Reposition knobs to original settings.	\ \							
 Sight Power Electrical Connectors. Check that electrical connectors are in good condition. 		V						Connactor (M)
 Check for cracks, dents, burns and chipped paint on housing. 	\ \							
 k. Check that valve cap is tight and retaining strap is not broken or missing. 	\ \	1				1		
 Check that both knobs on elbow assembly move freely from LO to HI position. 	V	1						
m. Check that lamp holder is light and packing is installed.	Ī.	1		Ī				
 c. Check that plug or sautter switch is present. If missing, notify supervisor. 	1	1						
 c. Check that all boresight knobs move freely, and scales can be easily read. 	V	/						
p. Check ID plate for damage and if it can be easily read. If plate cannot be read, notify supervisor.	V	/						
 c. Theck that shutter switch will not move to ON without pushing safety button first. 		/						
 Check that valve cap strap is not damaged or nuissing. 	1							
s. Check that all screws are tight on mounting bardware.	1,	Ī	-	T				_

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair		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. 	\checkmark					22	4	
6 50 Caliber Ammo Ejection Ginute Check for condition and security Ensure that chine is clear of debris			和數			1000		
Check ejection—chute hose for security and condition.								1 hainstallad
 b. Spent-Cartridge Box. Check security and condition. Check operation of latches. 								Uninstalled Uninstalled
7. Equilibrator. Check for corrosion, security and adjustment.	\checkmark							TOTAL THE STATE OF
8. 50 Caliber Ammo Feed System	缕	45	基	7 1	1	4	· 李荣	ر ما در این از در در در در در در در در در در در در در
a. Check security and condition of .50 caliber ammo trays.								
b. Check security and condition of roller guides.	V							
9. 40mm Anmo Feed System.	24	14-3	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	- 12 - 2 - 23	10.54		企 程度	
 a. Feed Chute. Check for dents, corrosion and/or damage. 	V							
 b. Check feed—chure cover for tears, holes; zipper must move freely. Check attachment points for security and condition. 	V							
c. Check anti-feedback lever for condition and security.	1/	1			1		İ	
10. 40mm Ammo Box Assembly	73		138	独		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	100	and the second s
Check security and condition of box. doors, and flaps.	V					Į.		
b. Check operation of latches.	17	1		T	T	T		
 c. Check that electrical connector on last-round switch is tight and in good condition. 	V							
 40mm Charger Assembly. Check condition and security of charger tube. 	\vee							
12. 40mm Mantlet.		1	1		a .	. 5	1 2	
a. Check condinon and security.	1/			T		T	T	
b. Check operation of cover latches.	1	1					Ì	
13 50 Caliber Mantlet and Cradle. Check condition and security. Therk for damage, cracked welds and bare metal.	/							
14 Power-Assist Traverse Mechanism. Check for security, condition and leakage. Make sure that electrical connectors are light and in good condition.		S S						MiBoH/Loase
15 Elevation ControlAssembly Check for security and condition.		/	1					MiBot / Loase Mot Install



NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Wodify	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.								\bigcirc
17. Linkage. Check for security and condition.	1/							and a filled filled the contract of the contra
 Grenade Launcher Inhibit Switch. Check for security and condition. Check that electrical connector is tight and in good condition. 						, (1)	(
 Elevation Interrupter Switches. Check for condition and security. Check that electrical connectors are tight and in good condition. 	\checkmark							
 Utility Light. Check that light and electrical connector is secure and in good condition. 		V						\bigcirc
21. Communications Box	7 A	\$16 15 15	(基本) (基本)	2	()	200	美	
 a. Check that electrical connector is tight and in good condition. 	$\sqrt{}$							
b. Check for security and condition.	1							
22: Weapons Station Inspect for damage, security and clarity.	Sirer Sirer	700	· · · · · · · · · · · · · · · · · · ·	25 (A)	激发	· · · · · · · · · · · · · · · · · · ·	2.33	
 a. Vision Blocks. Inspect for damage, security and clarity. 	/							
 Ring Gear. Inspect for damage and corrosion. Should be clean and no grease. 	V							
23. Hatch.		T		1/2	33		- 3	
 a. Seal, Hatch, Hinges, Inspect for damage, loose hardware and proper operation. 		1						Sed M
 b. Haich 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). 	\ \							
 c. Hatch Handle. Check security, condition and proper operation. 	V							
 d. Crash Pads. Inspect pads on hatch and weapons station for security and condition. 							1	Pad (I)
24. DAGR.				\top	1		1	
 a Check that electrical and antenno connections are ught and in good condition. 		TV	1					
b Check for security and condition.	1	1	/]	1	十	\top	十	

NOMENGLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair		Modify	Remarks MUST be Included if unserviceable.
III Weapons Station Exterior		经	緣			3		The state of the s
Receptacle, Spot Light. Inspect for corrosion and damage. Check that cover fits securely and is tight.	$\sqrt{}$		VIII SII KAN	and a way of a				egine and an anti-state and an
2. Mount, Spot Light. Inspect condition and security.	\checkmark		NAME OF TAXABLE				2500	
3. Smoke Grenade Launchers		が記	25 Miles 1800 - 1	要終 定意	教		7.00	
 a. Tubes. Inspect sight tubes for dents, cracks or corrosion, and security to mounts. Check security of mount to turret. 	\checkmark							
 b. Electrical Confacts. Check that contacts are tight and free of corrosion. 	$\sqrt{}$,		
c. Rubber Caps. Check sight caps for condition.								
 Entrance Window. Inspect condition and security. Look for signs of moisture. 	\checkmark							
Sight Cover. Inspect condition and security.	\checkmark							
6 40mm Mantlet Cover. Check for security and condition. Check operation of latches.	/							
 Remote Antenna. Check security and condition of cover. 	V							
IV. Functional Tests:	, <u>.</u>		第	Land Land Land	1500 1000	130	被	
Manual Operation. Check for weapons station binding and backlash.	1200 1700 1800 1800 1800 1800 1800 1800	1. () 1. () 1. () 1. () 1. ()	1000	75-12	C-12		の発展	
 a. Azimuth. Check movement through 360 degree clockwise and counter-clockwise. 								1_
 b. Elevation. Check for +45 degree maximum elevation and -8 degree maximum depression. 			V					No Elevation Mech
Powered Systems Test. Vehicle master switch and timet power switch ON: 'Check operation as noted.'								
 Control Box Lights. Check that control box lamps light when turnet power switch is ON by pressing lamp test all burton. 			V					Sight Power Light D
b Domelight. Lights in both blue and white switch positions.	V							
 Utility Light. Lights in both red and white. 	P					\coprod.		ING Utility Light
 Thermal Elboy Check Only - Ensure the unit shorts. an image and all controls work. 			V					Sight Cant Tim On
e Spot Light. Install and check operation.	V							V
f. Exhaust Blower. Check operation.	12	1	1		1			

NOMENCLATURE/LOCATION	Satisfactory	Missing	Service	Adjust	Repair	Replace	Modify	Remarks MUST be Included if unserviceable.
3. Low Ammo System Test.	14. 14.	+32		1	100		製料	The second of th
a. Last-Round Switch OFF. Last-round indicator light on. triggers do not work.	And the state of t						277.is=	
 b. Last-Round Switch ON. Last-round indicator lamp light ON, override switch in up position, triggers work. 		\checkmark						Switch
c. Last-Round Switch OFF. Last-round indicator light OFF, override switch down, triggers work.		\checkmark						
4. Weapons Station System: Perform test as prescribed in Section 3.				可 1 10 10 10 10 10 10 10 10 10 10	温度			
a. Manual Elevation. Check operation.		U						Flindin
 b. Deck Clearance. Check clearance of all obstacles. Check all inhibit zones. Weapons electrical trigger will not fire while in inhibit zones. 		1						Mech
5. Smoke Grenade Launcher Test.	農	1	1.54 7-15		2.2	3.7. . ^#	1 35 E	
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 lanuchers. 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.	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$			6 4 6	1.00 m		温温	
a. Check that DAGR passes self-test.		17].	T				
b. Check that DAGR is using vehicle power.	T	77	T	1	1	1	T	
c. Check that DAGR is using remote antenna.		1	1	1		1		
d. Check functioning of DAGR screen back lighting.	\top	1-	1	1		1	Ť	

	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 6 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	1	\$3.65	\$3.65				
29	1897914	SOCKET,SOCKET WRENC	1	\$3.46	\$3.46				
30	2405328	WRENCH,ADJUSTABLE	11	\$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	second servera and a street of		Berlingson and State	
TAMCN NOMEN E08467K VALVE ASSEMBLY, M	NIN	SERIAL# QTY	Condition Code	SR# SR Status T/P (\$) REMARKS
E08467K CABLE ASSEMBLY, W	01-112-7625	523100 1		29747720 SHT PART \$3,144.25
E08467K CUSHION, SEAT, VEHI	01-394-1789	523100 1	R	29747720 SHT PART \$532.09
E08467K TRACH SHOE, VEHICLE	01-113-6579 01-442-9686	523100 2		29747720 SHT PART \$66.20
E08467K PIN, STRAIGHT, HEAD		523100 170	K	29747720 SHT PART \$32,470.00
E08467K WASHER, FLAT	00-159-3604	523100 1	к	29747720 SHT PART \$5.06
E08467K PIN, COTTER	00-767-9425	523100 3	R	29747720 SHT PART \$23.76
E08467K SCREW, CAP, HEXAGON	00-234-1864	523100 1	R	29747720 SHT PART \$3.67
	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	ĸ	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