

DEPARTMENT OF THE ARMY TECHNICAL BULLETIN

OPERATOR/CREW BOAT SET LIST
BASIC ISSUE ITEMS AND ACCESSORY LIST

BOAT, PASSENGER AND CARGO:
DIESEL, STEEL, 65 FT., DESIGN 2001,
HULL NUMBERS T423 THROUGH T466,
NSN 1940-00-268-9952,
HULL DESIGNATION T

DISTRIBUTION STATEMENT A: Approved for public release; distribution is unlimited.

*This technical bulletin supersedes TB 55-1940-203-12, 10 June 1977.

HEADQUARTERS, DEPARTMENT OF THE ARMY
14 MARCH 1994

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Current as of 1 March 1994

Headquarters, Department of the Army, Washington, D. C.
14 March 1994

REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

You can help improve this manual. If you find any mistakes or if you know of a way to improve these procedures, please let us know. Mail your letter or DA Form 2028 (Recommended Changes to Publications and Blank Forms), or DA Form 2028-2 located in the back of this manual directly to: Commander, US Army Aviation and Troop Command, ATTN: AMSAT-I-MP, 4300 Goodfellow Blvd., St. Louis, MO 63120-1798. A reply will be furnished directly to you.

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Section I. INTRODUCTION

1. General.

- a. This bulletin for Boat, Passenger and Cargo: Steel, 65 Ft., Design 2001, is intended as an aid in identification, procurement, requisitioning, assembly, storage, and issue of operating equipment, operating supplies, onboard repair parts, and accessory items aboard the vessel.
- b. The Boat Set will be issued initially complete by ATCOM.
- c. Requisitions for replacement of component items will be submitted to the managing activity having issue responsibility.
- d. When watercraft is transferred or returned to inactive status, the Boat Set will be complete and turned in with the vessel.

2. Format of Technical Bulletin. This technical bulletin is divided into the following:

- a. Section II Operating Equipment. This section lists equipment necessary for the operating of the vessel exclusive of accessory equipment.
- b. Section III Operating Supplies. This section lists operating supplies which are consumed in use, exclusive of repair parts. They are required for the operation, maintenance, health and welfare of the crew.
- c. Section IV On Board Repair Parts. This section lists operating supplies which are consumed in use, exclusive of repair parts. They are required for the operation, maintenance, health, and welfare of the crew.
- d. Section V Accessory Items. This section lists accessory equipment on board which are installed by the manufacturer or by the Issuing agency and are considered as a part of the basic configuration of the vessel.

3. Excess Items. This bulletin does not constitute authorization for exceeding or disposing of any operating equipment, supplies, or on board spare parts which are currently on board or marked for this vessel. Excess items will be exhausted by normal attrition.

4. Composition of Technical Bulletin. The component listing within each section is in alphabetical sequence by item name and contains the following data:

- a. **National Stock Number (NSN).** A number listed in this publication for use in all supply operations.
- b. **Description.** The item descriptions included are listed in alphabetical sequence by item name, with additional descriptive information required for identification:
 - (1) Manufacturer's Code, part numbers, and/or the applicable specification references.
 - (2) Pertinent information and notes applicable to the set follow the last component.
- c. **Quantity Per Set (Qty).** This column lists the quantities of each component authorized.

d. **Expendability Recoverability (Rec) Code.** This one digit code indicates the method or condition under which the repair parts can be recovered. Absence of a code indicates the item is expendable. Codes that appear are defined as follows:

Codes	Definition
Z	Non-repairable item. When unserviceable, condemn and dispose at the level indicated by source, maintenance, and recoverability code.
O	Repairable item. When uneconomically repairable, condemn and dispose at organizational level.

Codes	Definition
F	Reparable item. When uneconomically repairable, condemn and dispose of at the following intermediate levels: USAF - Intermediate USA - Direct Support USN - Afloat USMC - Third Echelon
H	Reparable item. When uneconomically repairable, condemn and dispose at the following levels: USAF - Intermediate USA - General Support USN - Ashore USMC - Fourth Echelon

NOTE

Safeguard Program, Code F, will be used to denote intermediate level. On joined programs, use of either Code F or H by the joining service will denote intermediate level of USAF and the USA Safeguard Programs.

D	Repairable item. When beyond lower level repair capability, return to depot, Condemnation and disposal not authorized below depot level.
L	Repairable item. Repair, condemnation and disposal not authorized below depot/specialized repair activity level.
A	Item requires special handling or condemnation procedures because of specific reasons (i.e., precious metal content, high dollar value, critical materiel or hazardous material) . Refer to appropriate manuals/directives for specific instructions.

5. Abbreviations.

ac.....	alternating current
amp	ampere(s)
ba	bale
bx.....	box
cap.....	capacity
circ.....	circumference
c.....	coil
cn.....	can
co.....	container
co2.....	carbon dioxide
comp.....	compartments
cres.....	corrosion resistant steel
ct.....	carton
cw	clockwise
dbl.....	double
dc.....	direct current
deg.....	degree
dr	drum

dz.....dozen
 eng.....engine
 ftfeet
 gal.....gallon
 horrhorizontal
 in.....inch
 lb.....pound
 lg.....long
 MSMilitary Standard
 odolive drab
 operoperated
 oz.....ounce
 pos.....position
 ptpint
 qtquart
 se.....set
 sh.....sheet
 si.....spool
 UJUnion Jack
 USUnited States
 vvolt
 w.....with
 w/o.....without

6. **Summary of the Problem.** Electronic and Communication Equipment Requirements for this vessel are not contained in this TB, but are contained in the following publications: TB 43-0117, dated February 1976, Marine Electronics Configuration Directory; SB 11-636, dated February 1976, Watercraft, US Army Marine Communications Electronics.

Section II. OPERATING EQUIPMENT BIIL

National Stock Number	Description	U/I	Qty	Rec
5120-00-209-0665	Bar Wrecking: 30 in. lg (81348)GGG-B-101	EA	1	
6685-00-537-9173	Barometer: Aneroid (80063) 3257A	EA	1	
6140-00-635-3824	Battery Filler: Jug Type	EA	1	
1240-00-530-0974	Binocular: 7x50, M17A1 (81349) B76656, Type M17A1	EA	1	D
7610-00-263-9709	Book: International Code of Signals	EA	1	
7610-00-297-1545	Book: Medical Compend for Commanders of Naval Vessels	EA	1	
7610-00-263-9714	Book: Modem Marine Engineers Manual, Vol. I	EA	1	
7610-00-263-9715	Book: Modem Marine Engineers Manual, Vol. II	EA	1	

Section II. OPERATING EQUIPMENT BIIL - Continued

National Stock Number	Description	U/I	Qty	Rec
7610-00-244-8719	Book: Modern Seamanship	EA	1	
7610-00-263-9736	Book: Piloting, Seamanship and Small	EA	1	
7610-00-263-9721	Book: Primer of Navigation	EA	1	
4240-00-678-5263	Breathing Apparatus, Oxygen (81349) B-51254	EA	1	
7240-00-256-7700	Can: Flammable, Waste, 10 gal. (81348) RR-C-114	EA	1	
7240-00-160-0438	Can: Ash and Garbage, w/cover, 10 gal. (81348) L-W-25	EA	1	
7240-00-857-2277	Can: Ash and Garbage, w/cover, 24 gal. (81348) RR-C-82	EA	1	
5120-00-529-4124	Carrier: Storage Battery (81349) C-19482, Size 2	EA	1	
7105-00-269-8463	Chair, Folding, Metal (81348) AA-C-291	EA	2	O
5940-00-195-9689	Clip, Electric Crocodile, 3 1/2 in. lg, (80249) PP-10921	PG	4	
5110-00-188-2524	Cutter, Bolt, 36 in. lg. (81348) GGG-C-140	EA	1	
5110-00-293-0460	Cutter: Pipe, 1/8 in. x 2 in. (81348) GGG-C-771, Type I, Class A	EA	1	O
5180-00-596-1038	Cutting and Flaring Tool Kit: tube, hand, (81348) GGG-C-744	EA	1	O
6605-00-025-7005	Divider Set: Navigation (80064) S-2407H533623	SE	1	O
5130-00-853-4480	Drill, Electric, 3/8 in. ac/dc (81348) WD-661	EA	1	O
5133-00-293-0983	Drill Set, Twist, 29ea (81348) GGG-C-751, Type I, Class A	SE	1	O
2040-00-815-4792	Fender, Marine, 5 x 24 in. (14348) Fendaire	EA	6	
8345-00-935-0445	Flag, International Code, Size 6, Flag A (81349) F-2692	EA	1	
8345-00-926-6803	Flag B (81349) F-2692	EA	1	
8345-00-935-0446	Flag C (81349) F-2692	EA	1	

Section II. OPERATING EQUIPMENT BIIL - Continued

National Stock Number	Description	U/I	Qty	Rec
8345-00-926-6805	Flag D (81349) F-2692	EA	1	
8345-00-925-0447	Flag E (81349) F-2692	EA	1	
8345-00-926-9218	Flag F (81349) F-2692	EA	1	
8345-00-926-9987	Flag G (81349) F-2692	EA	1	
8345-00-935-0448	Flag H (81349) F-2692	EA	1	
8345-00-935-0449	Flag I (81349) F-2692	EA	1	
8345-00-926-6810	Flag J (81349) F-2692	EA	1	
8345-00-926-9988	Flag K (81349) F-2692	EA	1	
8345-00-935-0450	Flag L (81349) F-2692	EA	1	
8345-00-935-0444	Flag M (81349) F-2692	EA	1	
8345-00-926-6001	Flag N (81349) F-2692	EA	1	
8345-00-935-0451	Flag O (81349) F-2692	EA	1	
8345-00-935-0452	Flag P (81349) F-2692	EA	1	
8345-00-935-0453	Flag Q (81349) F-2692	EA	1	
8345-00-926-6812	Flag R (81349) F-2692	EA	1	
8345-00-935-0454	Flag S (81349) F-2692	EA	1	
8345-00-926-6002	Flag T (81349) F-2692	EA	1	
8345-00-926-6814	Flag U (81349) F-2692	EA	1	
8345-00-935-0455	Flag V (81349) F-2692	EA	1	
8345-00-935-0456	Flag W (81349) F-2692	EA	1	
8345-00-926-6004	Flag X (81349) F-2692	EA	1	
8345-00-935-0457	Flag Y (81349) F-2692	EA	1	
8345-00-935-0458	Flag Z (81349) F-2692	EA	1	
8345-00-656-1434	Flag, National, U.S. 2ft.4 in.x 4 ft. 6 in. (81349) DDD-F-416	EA	1	
8345-00-656-1446	Flag, National (UJ), 1 ft. 10 in. x 2 ft. 8 in. (81349) DDD-F-416	EA	1	
6230-00-264-8261	Flashlight, Watertight, 2 cell (81349) F-3747	EA	2	
7240-00-527-9868	Funnel, w/Strainer, 1 qt.cap (81349) RR-F-800, Type I, Class A	EA	1	
7240-00-230-2393	Funnel, w/Spout, 1/2 qt.cap. (81349) F-10814	EA	1	

Section II. OPERATING EQUIPMENT BIIL - Continued

National Stock Number	Description	U/I	Qty	Rec
4240-00-052-3776	Goggles, Plastic, Safety (81349) GG-G-531	PR	2	
2040-00-238-9060	Grapnel; Marine, 15 lb. (81349) G-613	EA	1	
4930-00-253-2478	Grease Gun, Hand, 15 oz. (81349) G-3859	EA	1	
4930-00-287-5419	Gun Fluid, Direct Delivery, 30 oz. (81349) GGG-0-591	EA	1	
5120-00-892-5485	Hammer, Carpenter, 1 lb. (81349) GGG-H-86, Type I, Class 1	EA	1	
5120-00-224-4111	Hammer, Hand, 1 lb. (81348) GGG-H-86	EA	2	
5120-00-203-4656	Hammer, Hand 2 1/2 lb. (81349) GGG-H-86, Type X, Class 1	EA	1	
3950-00-937-7978	Hoist, Lever and Ratchet, 1000 lb. (93601) 115R	EA	2	O
4720-00-202-6482	Hose Assy, Non-metallic water 3/4 in. x 50 ft. (81349) ZZ-H-611, Grade B	EA	1	
6545-00-922-1200	Kit, First Aid, Gen Purpose, units 12 (3333) NOREF	EA	1	
6230-00-781-3189	Lantern, Electric, 6 v, w/o relay (96906) MS100-2	EA	2	O
4940-00-384-0466	Leak Detector, Halide Gas (36346) Prestolite 18RI 7	EA	1	
4930-00-223-3379	Lubricating Gun; Hand, 9 oz. (95879) 7585	EA	1	
7240-00-233-6013	Measure, Liquid, 1 qt. (81348) RR-M-190	EA	1	
8465-00-238-3344	Megaphone: Hand, 18 in. (81349) M-1263	EA	1	
4930-00-266-9182	Oiler, Hand, 8 oz. (81348) GGG-0-591	EA	1	
4930-00-262-8868	Oiler, Hand, 3/4 in. dia. bottom steel spout, (81348) GGG-0-591	EA	1	
5340-00-292-0902	Padlock MS 21313-6 (96906)	SE	1	
7240-00-160-0455	Pail, Utility: Metal, 3 1/2 gallon (81348) RR-P-35, Type I	EA	6	
8345-00-935-0495	Pennant, Numerical, Intern Code, Size 6 "O" (81349) F-2692	EA	1	
8345-00-935-0401	Pennant Signal "1" (81349) F-2692	EA	1	

Section II. OPERATING EQUIPMENT BIIL - Continued

National Stock Number	Description	U/I	Qty	Rec
8345-00-926-6023	Pennant Signal "2" (81349) F-2692	EA	1	
8345-00-935-0490	Pennant Signal "3" (81349) F-2692	EA	1	
8345-00-935-0491	Pennant, Signal "4" (81349) F-2692	EA	1	
8345-00-935-0492	Pennant Signal "5" (81349) F-2692	EA	1	
8345-00-935-0493	Pennant Signal "6" (81349) F-2692	EA	1	
8345-00-926-9214	Pennant Signal "7" (81349) F-2692	EA	1	
8345-00-935-0494	Pennant Signal "8" (81349) F-2692	EA	1	
8345-00-935-0405	Pennant Signal "9" (81349) F-2692	EA	1	
8345-00-935-0410	Pennant Signal No. 6 (81349) F-2692	EA	1	
8345-00-926-5990	Pennant Signal 1st substitute No. 6 (81349) F-2692	EA	1	
8345-00-935-0421	Pennant Signal 2nd substitute No. 6 (81349) F-2692	EA	1	
8345-00-926-9207	Pennant Signal 3rd substitute No. 6 (81349) F-2692	EA	1	
5120-00-223-7397	Pliers, Straight, 8 in. (81348) GGG-P-471, Type II, Class A	EA	1	
5120-00-239-8251	Pliers, Lineman, 8 in. (81348) P-471, Type IX, Class 1	EA	1	
6675-00-191-1514	Protractor; plastic, 3 arm (81350) JANP90	EA	1	
5120-00-595-9304	Puller, Mechanical, Gear, 0-6 inch (81348) GGG-0-781, Type I, Class 1	EA	1	
5120-00-243-2776	Puller: Fuse, No. 3 (81349) P-18488, Type C	EA	1	
5110-00-449-7313	Punch Set: Gasket Cutting (45225) PH7	SE	1	
4320-00-574-7645	Pump, Hand (46643) 3799	EA	1	O
4240-00-368-6149	Respirator: Air filter (81349) R-3308	EA	2	
6675-00-191-1509	Rule, Parallel, 18 in. Navigators (81348) GG-R-118	EA	1	
5120-00-293-3309	Screwdriver, Flat, 10 in. (81348) GGG-S-121	EA	1	
8345-00-174-0453	Shape, Day, Maritime, Ball, Black (80064) S7003-921620	EA	1	

Section II. OPERATING EQUIPMENT BIIL - Continued

National Stock Number	Description	U/I	Qty	Rec
8345-00-264-6081	Shape, Day, Maritime, Ball, Black and White Navy Purchase Order NCTO/TD-113	EA	1	
8345-00-276-9516	Shape, Day, Maritime, Ball Red (80064) S7003 921620	EA	1	
8345-00-285-5963	Shape, Day, Maritime, Black and White, Horiz (81340) CG169	EA	1	
8345-00-285-5962	Shape, Day, Maritime, Dbl Fustram, Red, (81340) CG159	EA	1	
1370-00-629-2336	Signal, Illumination, Ground Red Star, Parachute, M126A1	EA	12	
1370-01-030-8330	Signal, Smoke, Illumination, Marine, MK124, MOD O	EA	12	
1370-01-074-0591	Marker Location Marine MK 58, MOD 1	EA	12	
3439-00-930-1683	Soldering Fun, Electric Trigger operated (11103) 450	EA	1	
7110-00-634-8596	Stool, Revolving, Wood (81348) AA-S-700	EA	1	
7520-00-298-7043	Stencil Set; Marking Letters 1 inch (81348) RR-S-714	EA	1	
6680-00-242-9229	Tachometer, Mechanical (57163) 107	EA	1	
5210-00-526-0752	Tape, Tank, Measuring, 50ft. (37163) 14075	EA	1	
6630-00-074-0394	Test Set: Chromate (71821)121	EA	1	
6630-00-171-5126	Tester: Battery Electric (81348) GG-T-258	EA	1	
6630-00-531-1968	Test Kit, Oil Conditioning (531 CMTS) (81349) T-19467	EA	1	
5180-00-629-9783	Tool Kit: General Mech Marine (81996) SM55-4-51 80-S02	EA	1	F
3439-00-542-0531	Torch Kit: Soldering L.P. (70785) JT-25	EA	1	
5120-00-221-1117	Vise: Machinist, 5 in. jaw (81348) GGG-V-410	EA	1	

Section II. OPERATING EQUIPMENT BIIL - Continued

National Stock Number	Description	U/I	Qty	Rec
6625-00-519-2499	Voltmeter: Portable, DC (81349) MR53W75ODCVV	EA	1	F
6605-00-273-6985	Weight: Sounding, 7 lb. (81349) S-3717	EA	1	
5120-00-277-1486	Wrench, Pipe, Adjustable, 14 in. (81348) GGG-W-651	EA	2	
5120-00-494-1911	Wrench, Plier, Cirved jaw w/o 1/2 in. cutter (81348) GGG-P-471, Type XIII, Class 2	EA	1	
5120-00-293-0317	Wrench, Spanner, 1-1/2-3in. (81349) W-10442	EA	6	

Section III. OPERATING SUPPLIES (BIIL)

National Stock Number	Description	U/I	Qty	Rec
7520-00-281-5911	Basket, Waste Paper (81348) RR-B-181	EA	2	
6135-00-050-0915	Battery: Battle Lantern (80063) BA-23	EA	4	
6135-00-050-3280	Battery, Emergency Light (81350) BA200U	PG	1	
6135-00-120-1020	Battery: Flashlight (80063) BA-30	PG	1	
7510-00-889-3494	Binder: Loose Leaf (81349) B-43064	EA	1	
7510-00-282-7950	Blanket: Wood, OD (81349) B-844	EA	10	
7330-00-078-5706	Board: Food Chopping (81348) LLL-B-568	EA	1	
7330-00-262-2323	Bowl: Mixing, 5-1/2 qt. (81349)B2054 Size 11 in.	EA	1	
7920-00-291-8305	Broom, Upright: Corn (81348) H-B-51	EA	2	
7920-00-240-6358	Brush, Dusting, Bench (81348) H-B-190	EA	2	
7920-00-243-3407	Brus, Floor Sweeping, 18 in. (81348) H-B-651	EA	2	
7920-00-772-5800	Brush, Sanitary (81348) H-B-481	EA	2	
7920-00-240-7174	Brush, Scrub (81348) H-B-1490	EA	1	
7920-00-291-5815	Brush, Wire: Curved Handle (81348) H-B-178, Type II, Class I	EA	2	
7330-00-550-7592	Butcher's Steel: 10 in. lg (81348) GGG-C-746	EA	1	
4240-00-174-1365	Canister: OBA (40912) 92900	EA	2	
7520-00-240-5503	Clip Board File (81348) LLL-A-650	EA	2	
4020-00-240-2160	Cord, Cotton: 5/16., 1200 foot coil (81348) TC-571	CL	1	
4020-00-240-2164	Cord, Cotton: 1/4 in., 200 ft. coil (81349) L-1145	CL	1	
7210-00-281-6751	Cover: Mattress (81348) DDD-C-628	EA	10	
7350-00-935-6635	Cruet, Condiment (81348) DD-T-10, Type A	EA	1	
7350-00-223-7760	Cup: Drinking, plastic, 10 oz. (81348) L-T-48	DZ	1	
7230-00-576-4934	Curtain, Shower: 48x 72 in.	EA	2	
7930-00-880-4454	Dishwashing compound, Hand (81348) PD-410	EA	1	

Section III. OPERATING SUPPLIES (BIIL) - Continued

National Stock Number	Description	U/I	Qty	Rec
7350-00-641-6050	Dispenser: Sugar, 12 oz. (81348) DD-T-101	EA	1	
7330-00-205-3154	Double Boiler: 3 qt. (81348) RR-B-500	EA	1	
7290-00-224-8308	Dust Pan (81348) RR-D-800	EA	2	
7330-00-822-9428	Egg Beater, 11-5/8 in- lg. (81348) RR-E-300	EA	1	
7330-00-634-1995	Food Turner: 8 in. (81348) RR-F-575, Type I	EA	1	
7340-00-223-7791	Fork: Food preparation, 15 in. lg. (81349) MIL-V-10815, Type I, Size 1	EA	1	
7340-00-241-8169	Fork, Table, Plain (81348) RR-F-450	BX	1	
4020-00-174-3031	Halyard, 3/8 in. dia, 200 ft. 18 string (81349) H226	CL	1	
7920-00-205-1170	Handle, Mop, Wood (81348) NN-H-101	EA	2	
7920-00-263-0328	Handle, Wood, Acme Thread (81348) NN-H-104	EA	2	
7310-00-702-7025	Hot Plate: 2 Burner, ad/dc (81349) WH-640	EA	1	
7340-00-223-7771	Knife, Cook's, 12 in. (81348) GGG-C-746	EA	1	
7340-00-223-7769	Knife, Paring, 3-1/2 in. (81348) GGG-C-746	EA	1	
7340-00-223-7766	Knife, Slicing (81348) GGG-C-746	EA	1	
7340-00-291-0625	Knife, Steak Scimitar, 10 in. (81348) GGG-C-746	EA	1	
7340-00-060-6057	Knife, Steak, Table (81348) RR-F-450	BX	1	
7340-00-241-8170	Knife, Table, 24 to box (81348) RR-F-450	BX	1	
7330-00-248-1153	Ladle, Kitchen, 8 oz. (81348) RR-L-30	EA	1	
6240-00-155-8655	Lamp, Incandescent: 40 watt (81348) W-L-00101/GSA-FSS	EA	6	
6240-00-143-3124	Lamp, Incandescent: 100 watt (81348) W-L-101	EA	6	
4020-00-240-2185	Marline, Hemp: 20 lb. coil	CL	1	
7220-00-238-8852	Mat, Floor, Bubber, 18 x 29 in. (81348) ZZ-M-46	EA	2	

Section III. OPERATING SUPPLIES (BIIL) - Continued

National Stock Number	Description	U/I	Qty	Rec
7210-00-531-6476	Mattress, Bed, Cotton felt, 72-1/2 x 26 x 4 in. (81348) VM-81	EA	5	
7920-00-171-1148	Mophead, Cotton (81348) T-M-561	EA	2	
7920-00-893-5869	Mopping Outfit (81348) RR-M-1075, Type II	EA	2	
7330-00-205-3164	Pan: Baking and Roasting, 13-1/4 x 9-1/2 x 2-1/4 (81348) RR-P-54, Type I	EA	2	
7330-00-246-2402	Pan: Frying, 6 in. (81348) RR-P-89	EA	1	
7330-00-238-3805	Pan: Frying, 12 in. (81348) RR-P-89	EA	1	
8540-00-530-3769	Paper, Toilet (81349) UU-P-556	BX	1	
7330-00-238-8316	Peeler, Potato (81349) P-20583	EA	1	
7210-00-268-8675	Pillow, Bed (81348) VP-356	EA	5	
7210-00-231-2373	Pillowcase: Bed (81348) DDD-P-351	EA	10	
7350-00-195-4763	Pillowcase: Bed (81348) (81348) DD-T-101, Type I, Item C	EA	1	
7930-00-266-7137	Polish, Metal (81348) PP-556, Type II, Class 1	PT	1	
7930-00-205-0442	Powder, Scouring (81348) P-S-311	CN	1	
6830-00-584-3041	Propane w/trowaway cylinder (81348) BB-G-110	EA	1	
7920-00-205-1711	Rag, Wiping; 50 lb. bale (81348) DDD-R-30, Class 2, Grade B	BE	1	
7510-00-161-6215	Ruler, Wood, 12 in. lg. (81348) GG-R-791	EA	1	
7330-00-240-2134	Saucepan, w/cover, 2 qt. capacity (81349) S-40044, Size 1	EA	1	
7350-00-641-8951	Shaker, Pepper, 3 oz. (81348) DD-T-101, Type I, Item 2	EA	3	
7350-00-240-7068	Shaker, Pepper, 6 oz. aluminum (81348) RR-K-260, Type 8, Style B	EA	3	
7350-00-680-2630	Shaker, Salt, 3 oz., glass body (81348) DD-T-101, Type I, Item 4	EA	3	
7350-00-240-7069	Shaker, Salt, 60 oz. aluminum (81348) RR-K-260, Type VIII	EA	3	
7520-00-162-6178	Sharpener, Pencil (81348) F-S-58	EA	1	

Section III. OPERATING SUPPLIES (BIIL) - Continued

National Stock Number	Description	U/I	Qty	Rec
5110-00-161-6909	Shears, General Purpose (81348) GGG-S-278	EA	1	
7210-00-148-1017	Sheet, Bed (81348) DDD-S-281	EA	20	
7930-00-579-8532	Soap, Laundry, 100 lb. (81348) PS-579	DR	1	
8520-00-129-0803	Soap, Toilet, Salt Water (81348) PS-617	BX	1	
3439-00-188-6986	Solder, Acid Core: 5 lb. (81348)	SL	1	
3439-00-188-6988	Solder, Rosin Core: 1 lb. (81348) QQ-S-571	LB	1	
7330-00-254-4791	Spatula, Steel, 8 in. (81348) GGG-C-746	EA	1	
7340-00-223-7800	Spoon, Basting, 21 in. (81349) U-10815 Type II, Size 2	EA	1	
7340-00-240-7080	Spoon, Food Service, 15 in. (81348) RR-S-617, Type I	EA	1	
7340-00-241-8171	Spoon, Dessert, 24 in. bx. (81348) RR-F-450	BX	1	
7340-00-205-1421	Spoon, Slotted, Serving (81348) RR-s-617	EA	1	
7340-00-205-3341	Spoon, Table, Crs. 24 in. box (81348) RR-F-450	BX	1	
7340-00-205-3340	Spoon, Tea, crs, 24 in. box (81348) RR-F-450	BX1	1	
7920-00-267-4639	Squeegee, Window: 8 in. lg. (81348) ZZ-S-666	EA	1	
6685-00-651-0189	Thermometer: Meat, Self-indicating (59310) 5939	EA	1	
6685-00-255-9981	Thermometer, Oven (81348) GG-T-351	EA	1	
7310-00-272-7891	Toaster: Electric, 4 slice, ac/dc (81348) W-T-550	EA	1	
7330-00-616-0997	Tongs: Food serving (81349) T-40097, Size 3	EA	1	
7350-00-195-7334	Tray Mess, 7 comp (81349) T-46	EA	5	
7350-00-823-7301	Tray, Service, Plastic (81349) T-43259	DZ	1	
6675-00-190-5867	Triangle: Plastic, 30-60 degree, 10 in. lg. (81348) GG-T-671	EA	2	

Section III. OPERATING SUPPLIES (BIIL) - Continued

National Stock Number	Description	U/I	Qty	Rec
6675-00-190-5862	Triangle: Plastic, 45 deg. (81348) GG-T-671	EA	2	
7350-00-680-0645	Tumbler: Plastic, 8 oz. (81348) L-T-800	DZ	1	
4020-00-241-8886	Twine, Linen: 5 ply (81348) TT-891, Type I	BA	1	

Section IV. ON-BOARD REPAIR PARTS (BILL)

National Stock Number	Description	U/I	Qty	Rec
2090-00-777-3341	Blade: Windshield 8" lg. (81100) KS1 385WD26PC56	EA	1	
5920-00-050-4972	Fuse: Cartridge (81349) F-15160	EA	3	
5920-00-543-0673	Fuse: Cartridge (81349) F-1 5160-15	EA	8	
5920-00-142-7345	Fuse: Cartridge; 5 amp, 250 v (72076) NS3105	EA	7	
5920-00-636-3046	Fuse: Cartridge; 3 amp, 250 v (96906) MS-90084-3	EA	10	
5920-00-577-8735	Fuse: Cartridge; 10 amp, 250 v (81349) F-15B250V10A, Ingersoll-Rand (Compressor) Model 234C2	EA	1	
3030-00-278-1670	Belt, V: 2ea sets, matched set (24161)A68-2 Deck Cargo Wrench Hallett Engine, Model AC-1	SE	1	
2940-00-828-4700	Element: Filter, lube oil (81321) (36056)	EA	1	
6210-00-702-5773	Globe: Electric Light, Lip type (76012) 934	EA	1	
6210-00-777-5445	Globe: Electric Light (78011) 383	EA	1	
5330-00-777-5391	Gasket: Globe (78011) 352	EA	2	
6230-00-777-5450	Lens, Flood Light (10741) FL115	EA	1	
6230-00-284-0553	Lens, Search Light (10741) 311M	EA	1	
4330-00-277-1369	Element: Filter, fuel oil (81321) 36063 Hercules Engine (Fire Pump) Mdl DOOD	EA	2	
2910-00-202-7445	Element: Fuel Filter, outer (14541) 21332	EA	2	
5330-00-522-5340	Gasket: Drain Plug, Fuel filter (81321) 11217	EA	2	
5330-00-328-9857	Gasket: Head; Fuel Filter (81321)13291	EA	2	
5330-00-141-7875	Gasket: Vent Chamber, fuel filter (81321) 20989	EA	2	
2490-00-541-3504	Element: Filter, Lube Oil (81321) 19915	EA	2	
5330-00-255-1267	Gasket: Drain Plug, lube oil filter, (81321) 15374 Caterpillar Engine Model D 375	EA	2	
2910-00-355-6377	Cartridge, Engine Starter, either starting aid (cold climate only) (11083) 9F739	EA	4	

Section IV. ON-BOARD REPAIR PARTS (BILL) - Continued

National Stock Number	Description	U/I	Qty	Rec
5330-00-255-6475	Gasket: Oil Filter, Case to lead (81231) 13291	EA	4	
5330-00-522-5340	Gasket: Oil Filter, drain volve (81231) 11217	EA	4	
5330-00-141-7875	Gasket: Oil Filter, vent chamber (81231) 20989	EA	4	
2940-00-378-9729	Element: Lube oil Filter (11083) 6B8217	EA	8	
	Gasket: Filter can to cover, fabricate from Cork SH, 5330-618-0573 Waukesha Engine Model 180 DAC-Series 14	SH	1	
2940-00-817-5338	Element: Filter Lube Oil (64104) 119390	EA	2	
5330-00-423-0464	Gasket: Filter Can, Lube Oil (16764) 18404	EA	2	
4330-00-287-5000	Element: Filter, Fuel oil (64104)	EA	2	
5330-00-618-3242	Gasket: Filter Can, Fuel Oil (73370) 101030	EA	2	
5330-00-651-8576	Gasket: Filter, Element to Head, Fuel Oil (73370) 100009	EA	2	
5330-00-528-1551	Gasket: Filter, Element to retaining screw, fuel oil (73370) 100013	EA	2	
3030-00-528-4279	Belt, V, Generator Drive (25472) 1270	EA	1	
3030-00-251-7480	Belt, V, Pump and Fan Drive (64104) 190003, Imperial Motor 3HP, DWG 11-153	EA	1	
5920-00-853-0173	Fuse, Cartridge: 10 amp, 250 v (81349) F-15160-15, Deming Co. Model 1975-2 Water Pressure Set	EA	5	
3030-00-239-4959	Belt: V, Pump Drive (81300) 4L335 Way Wolff, Boiler Model 1920-8C	EA	1	
4330-00-277-3273	Element: Fuel Oil (15472) 2230F1	EA	2	
5330-00-375-3334	Gasket: Filter Can (15472) A28-213-040	EA	2	

Section V. ACCESSORY ITEMS ALL HULLS (NON-BIIL)

National Stock Number	Description	U/I	Qty	Rec
2040-00-377-8602	Anchor, Danforth, 200 lb. (81349) A15707	EA	2	O
2020-00-377-8599	Anchor, Marine, 75 lb. (81349) A15708	EA	1	O
4210-00-142-4949	Axe, Fire, Pickhead, 6 lb. (81348) GGG-A-926, Type II	EA	2	O
6140-00-191-8506	Battery, Storage, 6 volt (General Alarm System)	EA	8	
6140-00-691-5944	Battery, Storage, 8 volt (Emergency, lighting)	EA	14	
6140-00-263-4603	Battery, Storage, engine start, 6 volt (81348) WB-131, Type 7D	EA	8	F
3940-00-892-4561	Block Double, 3/4 in. dia. rope (81348) GGG-B-490, Type II, Class 2	EA	2	O
3940-00-820-2133	Block, Single, 1 in. dia. rope (81348) GGG-B-490	EA	2	O
3940-00-820-5145	Block Single, 1 in. dia. rope (81348) GGGB-490, Type I, Class 3	EA	2	O
3940-00-926-3724	Block Double, 1 in. dia. rope (81348) GGG-B-390, Type III	EA	2	O
4010-00-555-9510	Chain Assembly: Anchor, 3/8 in. (81349) C-2683A	DR	1	O
4010-00-129-9396	Chain, Anchor, 1/2 in. dia. 60 fathoms (81348) RR-C-271, Type I, Class 4	DR	2	O
6645-00-224-8631	Clock; Marine Mech, 8 day, 6 in. dial (81349) C-11 94	EA	1	F
4210-00-270-4512	Extinguisher, Fire CO2, 5 lb. (81348) OE-910	EA	2	F
2040-00-268-9250	Hook, Boat; iron galvanized, 10 ft. wood pole, (81349) H3496	EA	2	
4720-00-288-8532	Hose Assembly, Nonmetallic Water 1-1/2 in. x 50 ft. (81348) ZZ-H-601, Grade 3	EA	1	
4210-00-078-9170	Hose, Polyester Fiber, Fire 1-1/2 in. x 50ft. (81348) ZZ-H-451	EA	2	O
4210-00-202-8188	Hose, Cotton: Rubber Fire, 2-1/2 in. x 50 ft. (81348) WW-C-621	EA	4	O

Section V. ACCESSORY ITEMS ALL HULLS (NON-BIIL) - Continued

National Stock Number	Description	U/I	Qty	Rec
1940-00-368-2896	Lifeboat, Inflatable, 7 persons (81348) MIL-L-17561	EA	2	H
4220-00-200-0538	Life Preserver, Vest Adult (81349) L1 8045	EA	28	O
6530-00-783-7810	Litter: Stokes, Rigid (81349) L-1117	EA	1	O
6230-00-255-0166	Light, Marker, Distress, Life Jacket (81349) L-573, Type II, Class 1	EA	5	O
6230-00-782-0643	Light, Marker, Distress, Rail (80064) 815-1197249, Symbol 289	EA	2	O
6220-00-224-6237	Light, Navigation, Clear, Emergency (46576) 1008	EA	2	O
6220-00-553-1123	Light, Navigational, Red, Emergency (46576) 1008	EA	1	O
6220-00-254-7279	Light, Navigational, Green, Emergency (46576) 1008	EA	1	O
4010-00-165-5607	Link Anchor Chain, 1/2 in. (81348) RR-C-271	EA	2	O
4210-00-288-6857	Nozzle, Fire, Water, 1-1/2 in., 3 pos (81349) N-12314, Type II, Class B	EA	2	
4220-00-275-3157	Ring, Buoy, Floating, 30 in. od w/line (81349) R-16847	EA	2	O
4220-00-275-3156	Ring, Buoy, Life Saving; Plastic 24 in. R-16847 (81349)	EA	2	O
	*Rope, Nylon: Mooring Line, 4 ea required, 40 ft. lg., 3 in. circ., manufacture from 160 ft. of NSN 4020- 00-752-8878	EA	4	
	*Rope, Nylon: Anchor Line, required 480 ft. lg., 3 in. circ., manufacture from 480 ft. of NSN 4020-00-752-8878	EA	1	
4020-00-919-3443	Rope, Manila, 3 in. circ., emergency, 200 ft. coil steering (80064) T-R-605	CL	1	

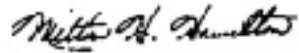
*The quantity and unit of issue denotes the maximum required and does not conform to the standard package and unit of issue.

Section V. ACCESSORY ITEMS ALL HULLS (NON-BIIL) - (Continued)

National Stock Number	Description	U/I	Qty	Rec
8465-00-254-8803	Whistle: Ball w/lanyard (81349) F-W-1 053 THE FOLLOWING 15 ITEMS OF EQUIPMENT ARE FURNISHED WITH THE LIFEBOAT:	EA	28	
	A. ANCHOR, SEA, NYLON NSN 2040-00-368-2880 S8225-1298540 (80064)	EA	1	
	B. CASE, EMERGENCY, EQUIPMENT NSN 4220-00-399-6224; MIL-C-1 9921 (81349)	EA	2	
	C. PLIERS, NSN 5120-00-224-1567 GGG-P-471 (81348)	EA	1	
	D. SCISSORS, 6"TYPE II. CLASS 3, NSN 5110-00-754-1499 GGG-S-278Z (81348)	EA	1	
	E. REPAIR KIT	EA	2	
	F. CLAMP, "C", 3 IN. NSN 5340-00-494-0841	EA	2	
	G. CLAMP, "C", 5 IN. NSN 5340-00-291-5010	EA	2	
	H. CLAMP, "C", 7-112 IN. NSN 5340-00-291-5009	EA	2	
	I. OARS, SIX FOOT, ALUMINUM NSN 2040-00-262-4425: M-162 (80054)	EA	3	
	J. NYLON CLOTH, UNCOATED 12" x 12"	EA	1	
	K. VALVE ADAPTER	EA	1	
	L. PUMP, AIR, HAND NSN 4320-00-299-2299; (MIL-P-12647 981349)	EA	1	
	M. CARRYING CASE NSN 4220-00-303-1229; 645-1567920 (80054)	EA	1	
	N. CYLINDER, 96 CU. IN., CO2 NSN 4220-00-274-5816	EA	1	
	O. CYLINDER, 57 CU. IN., CO2	EA	1	

By Order of the Secretary of the Army:

Official:



MILTON H. HAMILTON
*Administrative Assistant to the
Secretary of the Army*
06404

GORDON R. SULLIVAN
*General, United States Army
Chief of Staff*

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PREVIOUS EDITIONS ARE OBSOLETE.

P.S.--IF YOUR OUTFIT WANTS TO KNOW ABOUT YOUR RECOMMENDATION MAKE A CARBON COPY OF THIS AND GIVE IT TO YOUR HEADQUARTERS.

The Metric System and Equivalents

Linear Measure

1 centimeter = 10 millimeters = .39 inch
 1 decimeter = 10 centimeters = 3.94 inches
 1 meter = 10 decimeters = 39.37 inches
 1 dekameter = 10 meters = 32.8 feet
 1 hectometer = 10 dekameters = 328.08 feet
 1 kilometer = 10 hectometers = 3,280.8 feet

Weights

1 centigram = 10 milligrams = .15 grain
 1 decigram = 10 centigrams = 1.54 grains
 1 gram = 10 decigram = .035 ounce
 1 decagram = 10 grams = .35 ounce
 acres
 1 hectogram = 10 decagrams = 3.52 ounces
 1 kilogram = 10 hectograms = 2.2 pounds
 1 quintal = 100 kilograms = 220.46 pounds
 1 metric ton = 10 quintals = 1.1 short tons

Liquid Measure

1 centiliter = 10 milliliters = .34 fl. ounce
 1 deciliter = 10 centiliters = 3.38 fl. ounces
 1 liter = 10 deciliters = 33.81 fl. ounces
 1 dekaliter = 10 liters = 2.64 gallons
 1 hectoliter = 10 dekaliters = 26.42 gallons
 1 kiloliter = 10 hectoliters = 264.18 gallons

Square Measure

1 sq. centimeter = 100 sq. millimeters = .155 sq. inch
 1 sq. decimeter = 100 sq. centimeters = 15.5 sq. inches
 1 sq. meter (centare) = 100 sq. decimeters = 10.76 sq. feet
 1 sq. dekameter (are) = 100 sq. meters = 1,076.4 sq. feet
 1 sq. hectometer (hectare) = 100 sq. dekameters = 2.47
 1 sq. kilometer = 100 sq. hectometers = .386 sq. mile

Cubic Measure

1 cu. centimeter = 1000 cu. millimeters = .06 cu. inch
 1 cu. decimeter = 1000 cu. centimeters = 61.02 cu. inches
 1 cu. meter = 1000 cu. decimeters = 35.31 cu. feet

Approximate Conversion Factors

<i>To change</i>	<i>To</i>	<i>Multiply by</i>	<i>To change</i>	<i>To</i>	<i>Multiply by</i>
inches	centimeters	2.540	ounce-inches	Newton-meters	.007062
feet	meters	.305	centimeters	inches	.394
yards	meters	.914	meters	feet	3.280
miles	kilometers	1.609	meters	yards	1.094
square inches	square centimeters	6.451	kilometers	miles	.621
square feet	square meters	.093	square centimeters	square inches	.155
square yards	square meters	.836	square meters	square feet	10.764
square miles	square kilometers	2.590	square meters	square yards	1.196
acres	square hectometers	.405	square kilometers	square miles	.386
cubic feet	cubic meters	.028	square hectometers	acres	2.471
cubic yards	cubic meters	.765	cubic meters	cubic feet	35.315
fluid ounces	milliliters	29,573	cubic meters	cubic yards	1.308
pints	liters	.473	milliliters	fluid ounces	.034
quarts	liters	.946	liters	pints	2.113
gallons	liters	3.785	liters	quarts	1.057
ounces	grams	28.349	liters	gallons	.264
pounds	kilograms	.454	grams	ounces	.035
short tons	metric tons	.907	kilograms	pounds	2.205
pound-feet	Newton-meters	1.356	metric tons	short tons	1.102
pound-inches	Newton-meters	.11296			

Temperature (Exact)

°F	Fahrenheit	5/9 (after	Celsius	°C
	temperature	subtracting 32)	temperature	

