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T. O. No. 19-85AB-4

PARTS CATALOG

FOR

85-FOOT AAF RESCUE BOATS

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SECTION I
INTRODUCTION

1. GENERAL.

The Parts Catalog for the 85-foot AAF Rescue Boat is divided into three parts, the Introduction, the Group Assembly Parts List, and the Numerical Parts List. The Introduction explains the arrangement of the Group Assembly Parts List, shows how to use the catalog to find part numbers, lists the abbreviations used, gives the names and addresses of vendors referred to by code designations, shows how to order parts, and gives other pertinent data necessary for the proper utilization of information.

2. THE GROUP ASSEMBLY PARTS LIST.

This section divides the boat into systems or installations, major assemblies, subassemblies, and detail parts. Information is listed in columns under the following headings:

FIGURE NUMBER—The number of the figure in which a part or assembly appears.

INDEX NUMBER—The call-out number of a specific part referred to in a figure.

PART NUMBER—The number assigned to a part by a vendor, or which has an AN designation. The part number also includes items which may be purchased locally and lists them as "Commercial."

NOMENCLATURE—The nomenclature is indented by means of numbered columns to show relationship between systems or installations, major assemblies, subassemblies, and detail parts.

Column 1 contains the name of the system or installation.

Column 2 lists major assemblies.

Column 3 lists subassemblies and detail parts of major assemblies and so on. Parts such as screws, bolts, washer, etc., which attach an assembly to another part or assembly are known as attaching parts and are located in the same column as the assembly or part which they attach.

UNITS PER ASSY.—This column indicates the number of units required per assembly, per subassembly, or per sub-subassembly.

3. THE NUMERICAL PARTS LIST.

This section contains part numbers in numerical sequence and an alphabetical list of parts without part numbers. A cross reference to the Group Assembly Parts List will give the complete nomenclature of the part or assembly, its relationship to major and subassemblies, and the figure and index number of the illustration in which it appears.

4. HOW TO FIND A PART IN THE PARTS CATALOG.

By referring to the Table of Contents, determine in which system or installation or major assembly the part would logically appear. Turn to the page listed and check the major and subassemblies in the nomenclature to locate the detail part.

Locate the part in the illustrations after determining the system or installation or major assembly in which the part would normally appear. By noting the figure and index number of the part on the exploded view, refer to the figure and index number columns in the Group Assembly List to determine applicable nomenclature and part numbers.

5. HOW TO ORDER PARTS.

When ordering parts use the complete part number as listed in the part number column and the vendor's name when it follows in parenthesis after the nomenclature. The exact position, function, dimensions, material, and other pertinent data contributing to the adequate definition of parts must be supplied with a requisition to avoid costly delay in procurement.

6. DESIGNER'S COMMENTS.

All 3/8-in. tubings and fittings for the Inlet and Outlet Oil assemblies in the Angle Drive should be increased to 1/2 in.

Standards for the Switchboard assembly in the 24-volt Electrical system have not been determined and, therefore, are not included in this catalog.

Drawing numbers referred to are those of the Marine Design Branch, Office of the Assistant Chief of Transportation for Supply, Washington, D.C. They are included in the nomenclature column for reference only. When these numbers appear in the part number column, fabricated parts are indicated for which no other number is applicable. These are actually the part numbers of the material listed.

LIST OF VENDORS

Code	*Name*
Aero Supply Co.	Aero Supply Manufacturing Co., Corry, Pa.
Amer-Br	American Brass and Bronze Co., Waterbury, Conn.
Ana	Anaconda Wire and Cable Co., New York, N.Y.
Arens	Arens Controls, Inc., Chicago, Ill.
Automatic Electric	American Automatic Electric Sales Co., Chicago, Ill.
B & S	Browne and Sharpe Manufacturing Co., Providence, R.I.
B.G.	Boston Gear Works, North Quincy, Mass.
Bludworth	Bludworth Inc., New York, N.Y.
Bryant	Bryant Electric Co., Bridgeport, Conn.
CMHC	Chicago Metal Hose Co., Chicago, Ill.
Col Br	Columbian Bronze Corp., Freeport, N.Y.
C-O-Two	C-O-Two Fire Equipment Co., Newark, N.J.
Crane	Crane Company, Chicago, Ill.
Cutler-Hammer	Cutler-Hammer, Milwaukee, Wis.
Danforth	R. S. Danforth Co., Berkeley, Calif.
Ducomm	Ducommun Metals and Supply Co., Los Angeles, Calif.
Edwards	Edwards & Co., Norwalk, Conn.
Electronic Lab	Electronic Laboratories, Inc., Indianapolis, Ind.
Fafnir	The Fafnir Bearing Co., New Britain, Conn.
Gemmer	Gemmer Manufacturing Co., Detroit, Mich.
G.E.	General Electric Co., Schenectady, N.Y.
Goodrich	The B. F. Goodrich Co., Akron, Ohio
Goodyear	Goodyear Tire & Rubber Co., Inc., Akron, Ohio
Harrison	Harrison Radiator Div., General Motors Corp., Lockport, N.Y.
Hendy	Joshua Hendy Iron Works, Pomana Pump Div., St. Louis, Mo.
Imperial	Imperial Brass Manufacturing Co., Chicago, Ill.
Kearfott	Kearfott Engineering Co., New York, N.Y.
Kilian	Kilian Ball Bearing Co., Syracuse, N.Y.
Klixon	Spencer Thermostat Co., Attleboro, Mass.
Liquidometer	Liquidometer Corp., Long Island City, N.Y.
Lord	Lord Manufacturing Co., Erie, Pa.
Manhattan Marine Elect	Manhattan Marine & Electric Co., New York, N.Y.
Marathon	Marathon Electric Manufacturing Co., Wausau, Wis.
M.B. Co.	Mueller Brass Company, Port Huron, Mich.
MRC	Martin Rockwell Corporation, Jamestown, N.Y.
Norma-Hoffman	Norma-Hoffman Bearings Corp., Stamford, Conn.
Oceanic Elect Prod	Oceanic Electric Products Corp., New York, N.Y.
Packard	Packard Motor Car Co., Detroit, Mich.
Par-Kal	Parker-Kalon Corp., New York, N.Y.
Perko	Perkins Marine Lamp and Hardware Corp., Brooklyn, N.Y.
Sperry	Sperry Products, Inc., Brooklyn, N.Y.
St-War	Stewart-Warner Corp., Chicago, Ill.
Syntron	The Syntron Co., Homer City, Pa.
T. Flex	Titeflex Metal Hose Co., Newark, N.J.
U.S. Rubber	U. S. Rubber Co., Mishawaka, Ind.
Victor	Victor Equipment Co., San Francisco, Calif.
Watson	Watson-Flagg Machine Co., Paterson, N.J.
W-C	Wilcox, Crittenden & Co., Inc., Middletown, Conn.
Weatherhead	Weatherhead Co., Cleveland, Ohio
Willis	The E. J. Willis Co., New York, N.Y.

LIST OF ABBREVIATIONS

alum.	aluminum
amp	ampere
AR	As required
AWG	American Wire Gage
blkhd	bulkhead
Bushp	Bureau of Ships
cad. plate	cadmium plate
cu ft/min	cubic feet per minute
col	column
comb.	combination
comm	commercial
comp	composition
CSK	countersunk
dia	diameter
DPST	double pull single throw
Dwg	drawing
EPT	external pipe size
fig.	figure
fil-hd	fillister head
FH	flathead
FHM	flathead machine
fwd	forward
FW	fresh water
galv	galvanized
GFE	government furnished equipment
hd	head
hex	hexagon
horiz	horizontal
incl	including
IPS	iron pipe size
IPT	internal pipe thread
LH	left hand
LM	local manufacture
mahog	mahogany
mang	manganese
mfd	microfarad
mmfd	micro micro farad
mtg	mounting
NC	national coarse (thread)
NF	national fine (thread)
NP	nonprocurable
NPT	national pipe thread
OD	outside diameter
OH	oval head
psi	pounds per sq in
RH	right hand
RH	round head
rpm	revolutions per minute
SAE	Society of Automotive Engineers
sq hd	squarehead
Spec.	specification
SS	stainless steel
std	standard
std wt	standard weight
stl	steel
sym	symmetrical
USS	United States Standard
WI	wrought iron

GLOSSARY OF TERMS

ABAFT—Behind; toward or at the stern of.

ABEAM—At right angles to the centerline (keel).

AFT (advrb)—Near, toward, or in the stern of a vessel.

AFTER (adjective)—Toward the stern of the boat; applied to any object abaft the midship section or in the rear part of a vessel.

AIR-BOUND—A lubricating-oil or fuel-oil system may become air-bound when air enters the system through vents or leaks. The air, by being compressed by the fluid flowing through the lines, interferes with the continuous flow of the fuel and may cause the engine to stop running. In other cases serious damage to the engine may result because of lack of proper lubrication.

AMIDSHIPS—In the line of the keel, midway between the sides; midway between bow and stern.

APRON OR KEELSON—Timber fastened above the keel to strengthen it.

ATHWARTSHIPS—At right angles to the keel line.

AUTOPULSE—An electric fuel pump.

BATTEN—A strip of wood used for nailing across two other pieces, to fasten objects together, stiffen a spar, etc.

BEAM—Extreme width of a vessel.

BEAMS—Transverse supports running from side to side to support a deck.

BILGE—That part of the underwater body of a vessel lying between the keel and the point where the sides rise vertically. Internally, the bottom of the hull.

BINDING STRAKE—A strake of planking, fitted next to and under the sheer strake.

BINNACLE—The mounting and protective casing for a compass.

BOWPLATE—Metal plate on the front of the boat.

BREAST HOOK—A wood or metal knee fitted as a bracket behind the stem structure.

BULKHEAD—A vertical partition separating compartments.

BUTT BLOCKS—Joinings between short planks in one strake.

BYPASS—A separate passage which permits a liquid or gas to take a course other than normally used.

CABIN—A compartment, usually for passengers, in a covered boat.

CAM—Wheel-like disc, attached to shaft, only a portion of which is circular, the remainder protruding beyond the circle. From the irregularity of the contour of the cam, corresponding motion is imparted to a lever for the purpose of operating a mechanical device.

CAMBER—Slight convexity of a member or part, as of a deck athwartship, a beam.

CAPPING—The fore-and-aft finishing piece on top of the clamp and sheer strake, at the frame heads, in an open boat; called a covering board or margin plank or plank sheer in a decked over boat.

CARLING — A fore-and-aft timber placed between transverse deck beams.

CAULKING—The filling in between seams to make planking watertight.

CHAMFER—A beveled corner.

CHECK VALVE—A device that permits passage of a fluid or gas in one direction only. It stops (or checks) reverse flow.

CHINE—A longitudinal member of a V-bottom vessel, lying along the bilge, that forms the dividing line between the bottom and topsides.

CHOCK—Metal fitting through which mooring or anchor lines are passed so as to lead them in the proper direction toward dock; a wedge block or piece of timber, made to fit in any space which it is desired to fill; something to steady the boat.

CLAMPS AND SHELVES—Longitudinal members running from stem to stern, joining the frames on which the deck beams rest.

CLEAT—A horned casting for belaying lines.

COCKPIT—An uncovered compartment in a vessel.

COMPANION LADDERS OR COMPANIONWAYS —Stairways or steps leading below from the deck.

CRADLE—A framework of timbers moving upon ways or rollers, used to support, lift, or carry boats.

DEADLIGHT—A piece of heavy glass in a deck or ship's side to admit light.

DECK BEAM—Thwartship members which carry the decks.

DRAFT—Depth of water required to float a boat.

DRIFT—To use drifts in or upon, as for enlarging holes, forcing holes into alignment, driving out pins and keys, etc.

DUCK—Cotton or canvas cloth.

ELECTROLYTE—A solution of sulphuric acid and distilled water, normally with a specific gravity of 1,300 and used in storage batteries.

EXHAUST MANIFOLD—The pipe that collects the burned gases as they are expelled from the cylinders.

FAIRWATER—A device used to fair the lines of an underwater fitting in order to improve its run, for example, a sleeve about a propeller shaft, secured to the forward side of the strut.

FENDERS—Portable wooden or braided rope bumpers hung over the side to protect the hull while a boat is docked.

FENDER GUARD—A longitudinal timber projecting beyond the outside line of the hull planking, often metal faced, to protect the hull.

FILLER BLOCKS—Solid pieces of material, as wood or metal, used to strengthen or sustain.

FILTER CARTRIDGE — Element in filter through which oil passes and which retains the impurities of the oil.

FLARE—Outward inclination of the forward part of the hull designed to throw spray aside.

FLOOR—One of the transverse frame members tying the lower end of the frames together at the keel.

FORE-AND-AFT—In a line parallel to the keel.

FOREFOOT OR FOREFOOT KNEE — Longitudinal member along centerline at bottom of boat joining the stem knee to the keel.

FOREPEAK—The compartment furthest forward in the bow.

FORWARD OR FORE—Toward the front of the boat.

FRAME—The principal structure of the hull, the skeleton.

FRAMES OR RIBS—The transverse members of the frame to which the planking is fastened.

FREEBOARD — Height of a vessel's topsides from water line to deck.

GARBOARD STRAKE—The lowest strake next to the keel.

GASKET—Packing placed between two surfaces which must have a leakproof joint.

GLAND—A collar or nut which compresses the packing in a stuffing box.

GROUND TACKLE—The anchors, lines, etc., used in anchoring.

GUSSET—A bracket or angular piece of iron for strengthening angles. See *knee.*

GUNWALE—Upper part of the sheer strake or the top plank of the topsides.

HALYARDS—Ropes used to hoist and lower flags, sails, etc.

HAWSER—Heavy line.

HEADER—A longitudinal timber immediately below the deck.

HEADWAY—Motion, or rate of motion, in a forward direction.

HULL—The principal structure of the boat, not including the superstructure.

JACKET—An outer metallic casting forming a space around the cylinder liners to permit the circulation of water for cooling purposes.

KEEL—The main longitudinal timber in a hull extending along the center of the bottom.

KEELSON OR APRON—A timber fastened along the top of the keel to strengthen it.

KEY—A square or rectangular piece of metal, usually steel, used to secure a collar or flywheel to a shaft.

KNEES—Reinforcements between members butting or intersecting at or near a right angle.

LAZARET—The compartment of the boat which is furthest aft.

LIMBER CHAINS—Spring chains run through limber holes to keep them clear.

LIMBER HOLES—Holes cut in the lower edge of frames to allow bilge water to flow to the deepest part of the hull.

LONGITUDINALS—See *stringers.*

MANIFOLD—A common pipe with a number of inlets to, or outlets from, the several cylinders of an engine.

PACKING—A material used to seal a joint against leakage.

PELICAN HOOK—A long-shanked hook, sometimes hinged, quickly closed or loosened by slipping a ring over or off the beak.

PLANKS OR PLANKING—The outside covering of the hull attached to the frames.

PORT—An opening, hole, or passage; also, side of vessel on left of a person who stands on board facing the bow.

RABBET—The part of a structural member which is recessed or cut away to accommodate other members.

REBUILD—To restore a major item to a condition equivalent to its original state by the replacement of unserviceable subassemblies or assemblies and by repair. Includes welding, riveting, machining, fitting, aligning, balancing, assembly, and testing.

RELIEF VALVE—A valve, usually held closed by a spring which is forced open when pressure in the connecting vessel rises above the desirable value.

REPAIR—To restore to a serviceable condition, such parts, assemblies, or subassemblies as can be accomplished without completely disassembling the assembly or subassembly, and where heavy riveting, or precision machining, fitting, balancing, or aligning is not required.

REPLACE—To remove an unserviceable part, subassembly, or assembly and replace it with a new, reconditioned, or rebuilt part, subassembly, or assembly.

RPM—Revolutions per minute.

SCARF—The lapped joint made by bevelling and bolting together two pieces of wood, used in forming a keel, keelson, chine, etc., when timbers running the full length of the boat are not available.

SCOOPS—Through-hull fittings permitting the water to flow into or out of plumbing systems within the boat.

SEACOCK—An opening through the hull for intake or outlet.

SHAFT LOG—Through-hull fitting through which the propeller shaft passes.

SHEER—The upward curvature of the deck, gunwale, and lines of a vessel when viewed from the side.

SHEER STRAKE—The uppermost strake of planking at the side following the line of sheer.

SHELVES—See *clamps.*

SHIM—A thin sheet of metal or other material used to fill a space, for example, between the two halves of a bearing. When the bearing wears, removal of the shim brings the two bearing halves closer together and so compensates for wear.

SHORES—See *chocks.*

SHORE UP—To support or brace a boat to hold it upright when out of water.

SLINGS—Gear made of wire rope and close-linked chain for handling boats at booms or cranes.

SPRAY STRIP—A timber outside the hull leading aft from the stem above the water line.

STANCHION—Vertical pillar supporting a beam or other member.

STARBOARD—Side of vessel on right of person who stands on board facing the bow.

STEM—The main front member of the frame at the bow, joined to the stem knee.

STEM KNEE—Longitudinal member on centerline at bottom which joins the stem to the forefoot.

STERNWAY—Movement of a ship backward, or with her stern foremost.

STIFFENER—A bracket or rib within a bulkhead to strengthen it.

STRAKE—A continuous line of planks from bow to stern.

STRINGERS — Longitudinal members fastened inside the hull planking for additional structural strength.

STRUT—A metal bracket to support the after end of the propeller shaft.

SUMP—Storage or supply tank for oil.

SUPERSTRUCTURE—Parts of the boat above the deck such as cabins, deckhouses, etc.

TILLER—A lever for turning the rudder of a vessel.

THERMOSTAT—A mechanism to convert expansion of heated metal or fluid into movement and power sufficient to operate small devices, control electric circuits or small valves, etc. Can be set to operate at definite temperatures.

TORQUE—A twisting or wrenching effort. Torque is the product of force multiplied by the distance from the center of rotation at which it is exerted. For example: A force of 40 pounds applied on the end of a 1-foot pipe wrench would be 40 pounds x 1 foot, or 40 foot-pounds of torque; on the end of a 2-foot pipe wrench, there would be 40 pounds x 2 feet, or 80 foot-pounds of torque.

TRANSOM—Flat planking across the stern of a boat.

WATER LINE (W.L.)—The line at which the surface of the water meets the floating boat. The line the water makes along the boat's side when she is afloat.

SECTION II
GROUP ASSEMBLY PARTS LIST

STEERING SYSTEM

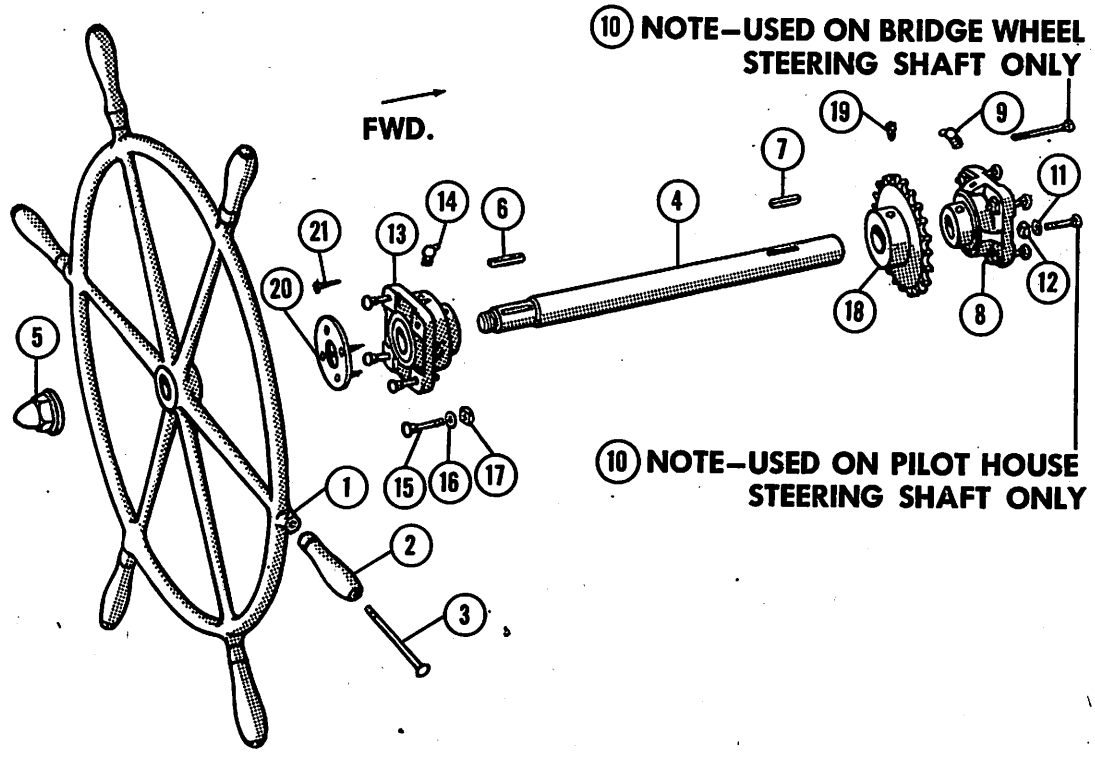


Figure 1—Bridge Steering Assembly

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY
		BRIDGE AND PILOT HOUSE STEERING ASSEMBLIES	
		Steering System (dwg No. 379-82)	NP
1		Bridge Steering Assy	1
1		Pilot House Steering Assy	1
	No Number	Steering Wheel Assy (Col Br fig. 140)	1
1- 1		Wheel—Steering bronze 28 in.	NP
1- 2		Handle—Steering wheel teakwood	NP
1- 3		Bolt—Handle attaching bronze 3/8-in. dia	NP
1	379-82	Steering Wheel Shaft Assy	1
1- 4	379-82-5	Shaft—Steering wheel bronze 1¼ dia x 19 5/16 in.	1
1- 5	No Number	Nut—Acorn bronze ¾ in. 10NC-3 (Col Br fig. 456B)	1
1- 6	379-82-3	Key—Steering wheel attaching bronze ¼ x ¼ x 2 in.	1
1- 7	379-82-3	Key—Sprocket attaching bronze ¼ x ¼ x 1¾ in.	1
1		Bearing Assy—Fwd wheel shaft support	1
1- 8	LCJ	Bearing—Flanged cartridge steel 1¼ in. shaft dia (Fafnir)	1
1- 9	AN286-2	Fitting—Grease	1
1-10	Comm	Bolt—Carriage fwd wheel shaft support bearing attaching steel galv 3/8-16 x 3½ in. (bridge only)	4
1	Comm	Bolt—Carriage fwd wheel shaft support bearing attaching bronze 3/8-16 x 2 in. (pilot house only)	4
1-11	AN935-616	Washer—Lock ⅛ in.	4
1-12	Comm	Nut—Square steel galv 3/8-16 (bridge only)	4
1	Comm	Nut—Hex bronze 3/8-16 (pilot house only)	4
1		Bearing Assy—Aft wheel shaft support	1
1-13	LCJ	Bearing—Flanged cartridge steel 1¼ in. shaft dia (Fafnir)	1
1-14	AN286-2	Fitting—Grease	1
1-15	Comm	Bolt—Carriage aft bearing attaching bronze 3/8-16 x 2 in.	4
1-16	AN935-616	Washer—Lock	4
1-17	Comm	Nut—Hex bronze 3/8-16	4
		Sprocket Assy	1
1-18	KSC 30	Sprocket—Chain bronze 1¼ in. hole dia (B.G.)	1
1-19	Comm	Screw—Set sq hd cup point 20NC-3 steel ¼ x 1 in.	1
1-20	379-82-6	Ring—Finishing bronze 3¼ OD x 1 1/16 ID in.	1
1-21	AN550B8-6	Screw—FH wood finishing ring attaching brass ¾ in. No. 8	4

STEERING SYSTEM

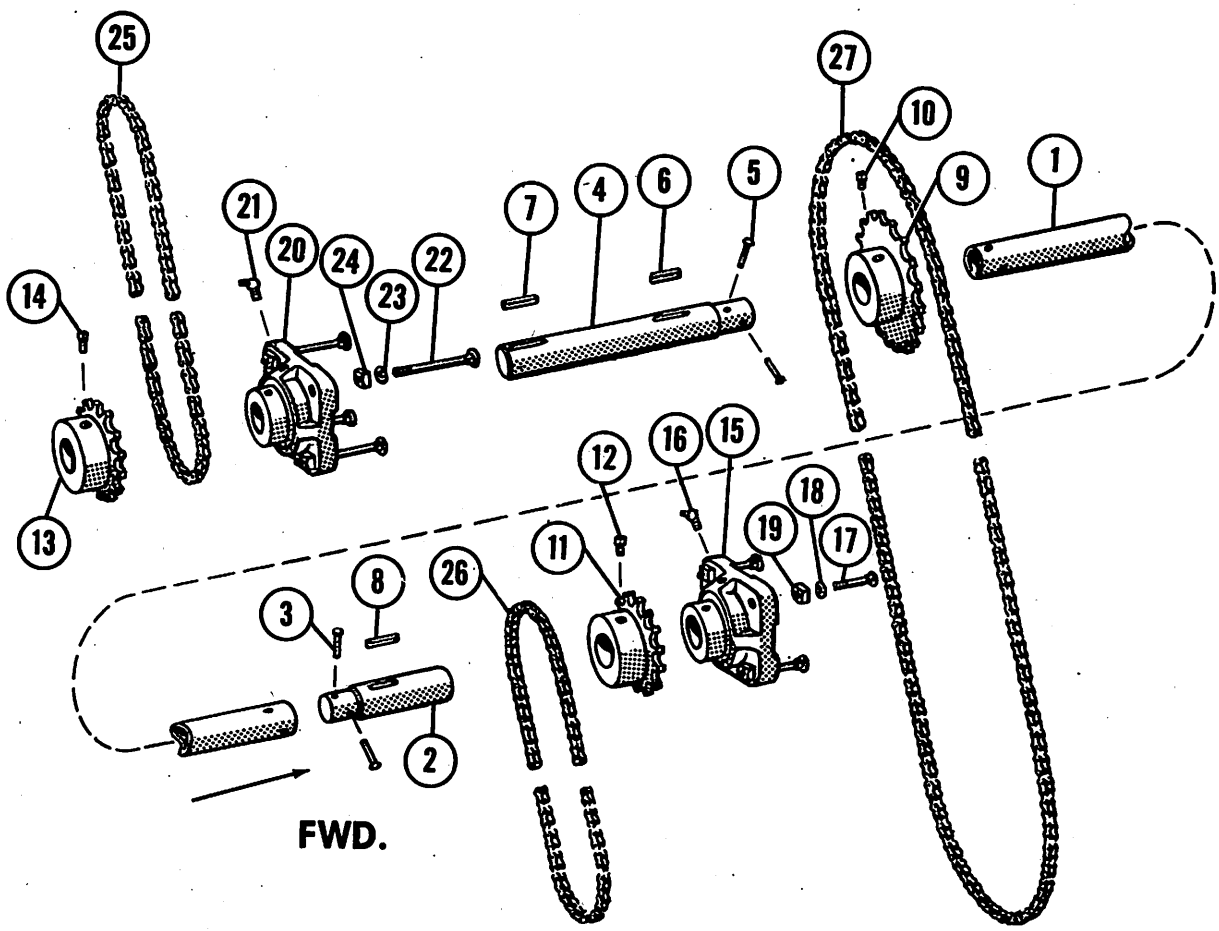


Figure 2—Jackshaft Assembly

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY
		JACKSHAFT ASSEMBLY	
2	379-82	Jackshaft Assy	1
2- 1	No Number	Tubing—Jackshaft blkhd 29 to blkhd 42 steel 1¼ OD x .095 in. SAE 1015 approx 6 ft long (Shelby) LM	1
2- 2	379-82-55	Shaft—Fwd solid steel SAE 1020CR 1¼ dia x 6 in	1
2- 3	Comm	Rivet—Bu-hd fwd solid shaft attaching steel 1¼ x 1⅝ in	2
2- 4	378-82-54	Shaft—Aft solid steel SAE 1020CR 1¼ dia x 12½ in	1
2- 5	Comm	Rivet—Bu-hd aft solid shaft attaching 1¼ x 1⅝ in	2
2- 6		Key—Jackshaft to pilot house sprocket attaching steel ¼ x ¼ x 1¼ in	1
2- 7		Key—Jackshaft to bridge sprocket attaching ¼ x ¼ x 1¼ in	1
2- 8		Key—Jackshaft to main torque tube sprocket attaching steel ¼ x ¼ x 1¾ in	1
2		Sprocket Assy—Jackshaft to pilot house	1
2- 9	KSC 15	Sprocket—Chain bronze 1¼ in. hole dia (B.G.)	1
2-10	Comm	Screw—Set sq hd cup point 20NC-3 steel ¼ x 1 in	1
2		Sprocket Assy—Jackshaft to main torque tube	1
2-11	KSC 30	Sprocket—Chain bronze 1¼ in. hole dia (B.G.)	1
2-12	Comm	Screw—Set sq hd cup point 20NC-3 steel ¼ x 1 in	1
2		Sprocket Assy—Jackshaft to bridge	1
2-13	KSC 15	Sprocket—Chain bronze 1¼ in. hole dia (B.G.)	1
2-14	Comm	Screw—Set sq hd cup point 20NC-3 steel ¼ x 1 in	
2		Bearing Assy—Jackshaft fwd support	1
2-15	LCJ	Bearing—Flanged cartridge steel 1¼ in. shaft dia (Fafnir)	1
2-16	AN286-2	Fitting—Grease	1
2-17	Comm	Bolt—Carriage fwd jackshaft bearing attaching steel galv ⅜-16 x 2 in	4
2-18	AN935-616	Washer—Lock	4
2-19	Comm	Nut—Square steel galv ⅜-16	4
2		Bearing Assy—Jackshaft aft support	1
2-20	LCJ	Bearing—Flanged cartridge steel 1¼ in. shaft dia (Fafnir)	1
2-21	AN286-2	Fitting—Grease	1
2-22	Comm	Bolt—Carriage aft bearing attaching steel galv ⅜-16 x 3½ in	4
2-23	AN935-616	Washer—Lock	4
2-24	Comm	Nut—Square steel galv ⅜-16	4
2-25	No Number	Chain—Roller jackshaft to bridge bronze ⅝ pitch single, 304 pitches (B.G.)	1
2-26	No Number	Chain—Roller jackshaft to main torque tube bronze ⅝ in. pitch single, 304 pitches (B.G.)	1
2-27	No Number	Chain—Roller jackshaft to pilot house bronze ⅝ in. pitch, single, 148 pitches (B.G.)	1

STEERING SYSTEM

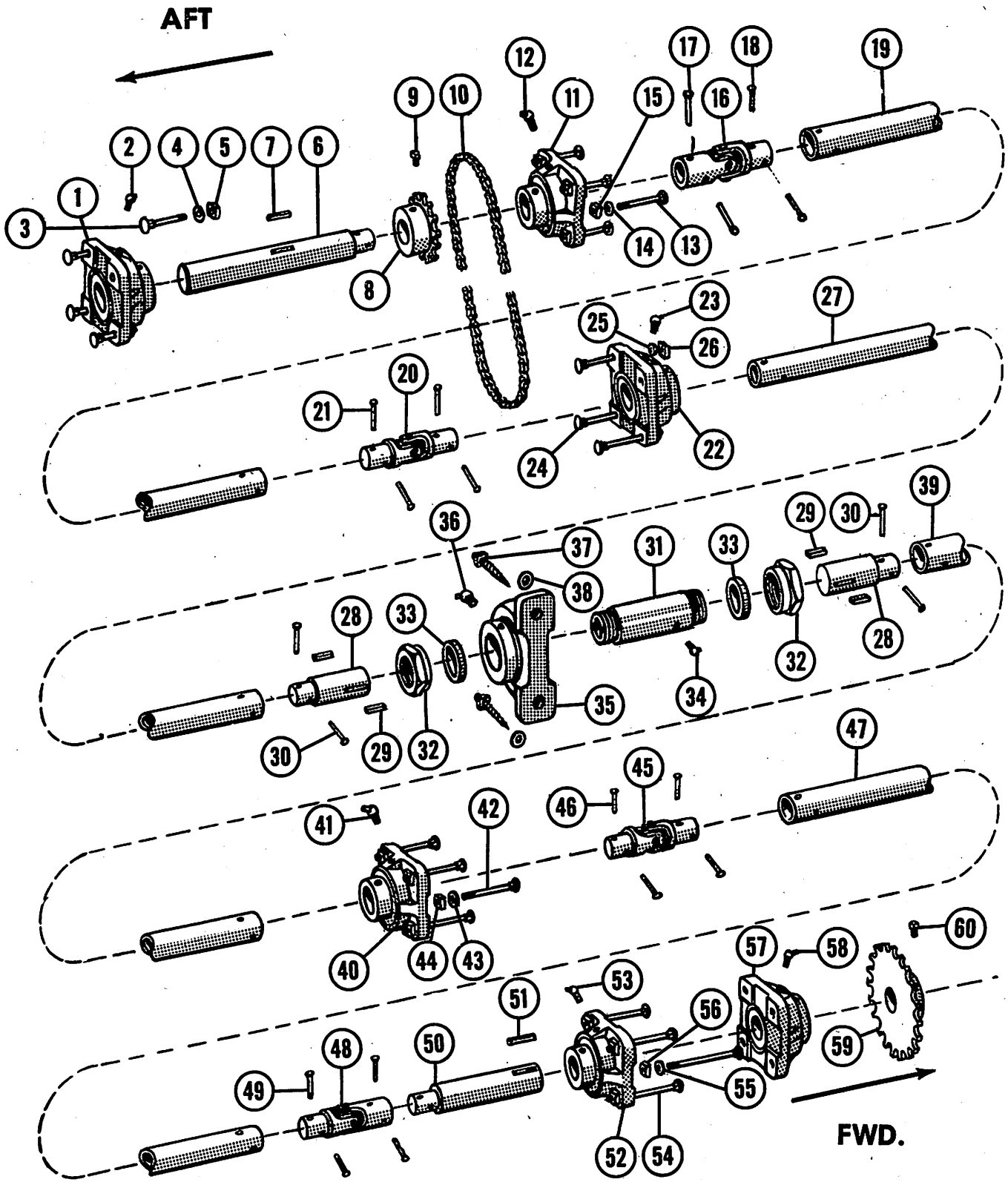


Figure 3—Main Torque Tube Assembly

STEERING SYSTEM

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY
		MAIN TORQUE TUBE ASSEMBLY	
3		Main Torque Tube Assy (dwg No. 379-82)	1
3		Bearing Assy—Torque tube support frame 75	1
3- 1	LCJ	Bearing—Flanged cartridge steel 1¼ in. shaft dia (Fafnir)	1
3- 2	AN286-2	Fitting—Grease	1
3- 3	Comm	Bolt—Carriage torque tube support bearing attaching frame 75 steel galv ⅜-16 x 3½ in.	4
3- 4	AN935-616	Washer—Lock	4
3- 5	Comm	Nut—Square steel galv ⅜-16	4
3- 6	No Number	Shaft—Solid steel 1¼ dia x 15⅝ in. (dwg No. 379-82-16) (LM)	1
3- 7		Key—Main torque to steering gear sprocket attaching steel ¼ x ¼ x 1½ in.	1
3		Sprocket Assy—Main torque tube to steering gear	1
3- 8	KSC 15	Sprocket—Chain bronze 1¼ in. hole dia (B.G.)	1
3- 9	Comm	Screw—Set sq hd cup point 20NC-3 steel ¼ x 1 in.	1
3-10	No Number	Chain—Roller main torque tube to steering gear bronze ⅝ in. pitch single, 128 pitches (B.G.)	1
3		Bearing Assy—Torque tube support frame 74	1
3-11	LCJ	Bearing—Flanged cartridge steel 1¼ in. shaft dia (Fafnir)	1
3-12	AN286-2	Fitting—Grease	1
3-13	Comm	Bolt—Carriage torque tube support bearing attaching steel galv ⅜-16 x 3½ in.	4
3-14	AN935-616	Washer—Lock	4
3-15	Comm	Nut—Square steel galv ⅜-16	4
3-16	379-82-18	Joint—Universal steel	1
3-17	Comm	Rivet—Bu-hd solid shaft attaching steel 1¼ x 1⅝ in.	2
3-18	Comm	Rivet—Bu-hd universal joint attaching steel 1¼ x 1⅝ in.	2
3-19	No Number	Tube—Torque frame 74 to blkhd 60 steel SAE 1015 1¼ OD x .095 in., 12 ft 10½ in. approx length (Shelby)	AR
3-20	379-82-17	Joint—Universal steel	1
3-21	Comm	Rivet—Bu-hd universal joint attaching steel 1¼ x 1⅝ in.	4
3		Bearing Assy—Torque tube support blkhd 60 (dwg No. 379-82)	
3-22	LCJ	Bearing—Flanged cartridge steel 1¼ in. shaft dia (Fafnir)	1
3-23	AN286-2	Fitting—Grease	1
3-24	Comm	Bolt—Carriage torque tube support bearing attaching blkhd 60 steel galv ⅜-16 x 3½ in.	4
3-25	AN935-616	Washer—Lock	4
3-26	Comm	Nut—Square steel galv ⅜-16	4
3-27	No Number	Tube—Torque blkhd 60 to frame 51 steel SAE 1015 1¼ OD x .095 in. 9 ft 5¾ in. approx length (Shelby)	1
3	379-82	Expansion Joint Assy	1
3	No Number	Male Spline Assy	2
3-28	379-82-57	Shaft—Solid steel	1
3-29		Key—Steel ¼ x ¼ x 1 11/16 in. (LM) key stock	2
3-30	Comm	Rivet—Bu-hd male steel spline attaching ¼ x 1⅝ in.	2
3	No Number	Female Spline Assy—(dwg No. 379-82)	1
3-31	379-82-32	Shaft—Hollow SAE 1020	1
3-32	379-82-50	Nut—Packing steel 1⅞ in. hex stock 15/16 in. length	2
3-33	Comm	Ring—Packing felt ¼ x ¼ x 1⅝ in. OD	2
3-34	AN286-2	Fitting—Grease	1
3		Pillow Block Assy—Steel	1
3-35	LAK	Block—Pillow single steel 1⅞ in. shaft dia (Fafnir)	1
3-36	AN286-2	Fitting—Grease	1
3-37	Comm	Bolt—Hanger pillow block attaching steel galv ½-13 x 3½ in.	2
3-38	AN935-616	Washer—Lock	2
3-39	No Number	Tube—Torque frame 51 to blkhd 42 steel SAE 1015 1¼ OD x .095 in., 9 ft 5¾ in. approx length (Shelby)	1
3		Bearing Assy—Torque tube support blkhd 42	1
3-40	LCJ	Bearing—Flanged cartridge steel 1¼ in. shaft dia (Fafnir)	1
3-41	AN286-2	Fitting—Grease	1
3-42	Comm	Bolt—Carriage torque tube support bearing attaching blkhd 42 steel galv ⅜-16 x 3½ in.	4
3-43	AN935-616	Washer—Lock	4
3-44	Comm	Nut—Square steel galv ⅜-16	4
3-45	379-82-17	Joint—Universal steel (altered from part No. C648 made by Boston Gear)	1
3-46	Comm	Rivet—Bu-hd universal joint attaching steel 1¼ x 1⅝ in.	4
3-47	Comm	Tube—Torque blkhd 42 to blkhd 29 steel SAE 1015 1¼ OD x .095 in., 12 ft ¾ in. approx length (dwg No. 379-82)	1
3-48	379-82-18	Joint—Universal steel (LM) (altered from part No. C648 made by Boston Gear)	1
3-49	Comm	Rivet—Bu-head universal joint attaching steel 1¼ x 1⅝ in.	4
3-50	379-82-56	Shaft—Solid steel 1¼ dia x 9⅞ in.	1
3-51		Key—Main torque to jackshaft sprocket attaching steel ¼ x ¼ x 1¾ in. (LM) key stock	1
3		Bearing Assy—Torque tube support aft blkhd 29	1
3-52	LCJ	Bearing—Flanged cartridge steel 1¼ in. shaft dia (Fafnir)	1
3-53	AN286-2	Fitting—Grease	1
3-54	Comm	Bolt—Carriage torque tube support bearing attaching fore-and-aft blkhd 29 steel galv ⅜-16 x 4½ in.	4
3-55	AN935-616	Washer—Lock	4
3-56	Comm	Nut—Square steel galv ⅜-16	4
3		Bearing Assy—Torque tube support fwd blkhd 29	1
3-57	LCJ	Bearing—Flanged cartridge steel 1¼ in. shaft dia (Fafnir)	1
3-58	AN286-2	Fitting—Grease	1
3		Sprocket Assy	1
3-59	KSC 30	Sprocket—Chain main torque tube to jackshaft bronze (B.G.)	1
3-60	Comm	Screw—Set sq hd cup point 20NC-3 steel ¼ x 1 in.	1
		RUDDER AND OPERATING LINKAGE ASSEMBLY	
4		Rudder and Operating Linkage Assy (dwg No. 379-82)	1
4- 1	E14951	Steering Gear Assy—Cad. plate (Gemmer)	1
	40196	Housing Assy—Incl studs, bearings, washers, and oil-seals cover	1
	50139	Plug—Housing oil filler	1
	1601	Plug—Housing oil level	1
	40059	Bearing—Housing cross shaft	2
	40065	Stud—Housing mounting pad	2
	15509	Nut—Housing stud	2
	50034	Lock Washer—Housing stud nut	2
	40003	Cover—Housing worm lower end cast type	1
	40028	Screw—Cap housing worm cover	4
	1104	Lock Washer—Housing worm cover cap screw	4

STEERING SYSTEM

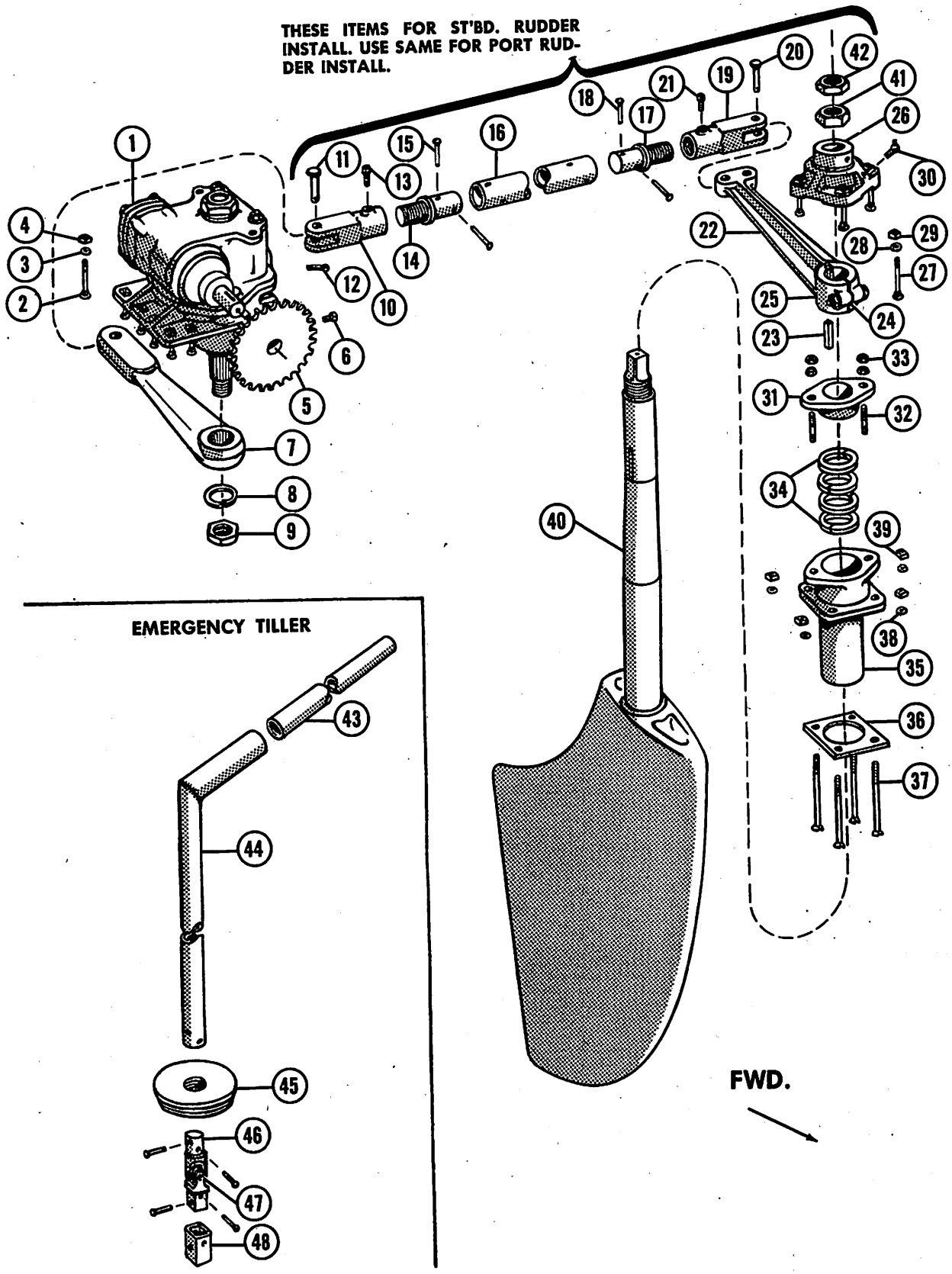


Figure 4—Rudder and Operating Linkage Assembly

STEERING SYSTEM

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY
		RUDDER AND OPERATING LINKAGE ASSEMBLY (CONT'D)	
	37007	Shim—Housing worm cover, thick	5
	37008	Shim—Housing worm cover, thin	1
	40079	Kit—Housing cross shaft cover incl bearings, plugs, and dowels	1
	16380	Stud—Housing cross shaft cover	8
	1004	Nut—Stud housing cross shaft cover	8
	1104	Lock Washer—Screw housing cross shaft cover	8
	40010	Gasket—Housing cross shaft cover	1
	40015	Dowels—Housing cross shaft cover	2
	40062	Cross Shaft Assy—LH incl rollers pin, washers, spacer	1
	40053	Bearing—Cross shaft outer (in cover)	1
	50011	Nut—Lock cross shaft adjusting	1
	40029	Stud—Plate cross shaft adjusting lock nut	1
	1004	Nut—Cross shaft adjusting lock nut plate stud	1
	1104	Lockwasher—Cross shaft adjusting lock nut plate stud	1
	40027	Spacer—Cross shaft adjusting lock nut plate	1
	50019	Plate—Cross shaft adjusting lock nut	1
	50039	Washer—Cross shaft adjusting lock nut oil sealing	1
	50066	Retainer—Cross shaft adjusting lock nut oil sealing	1
	50079	Washer—Cross shaft thrust (half type)	2
	50008	Shim—Cross shaft, thick	8
	50007	Shim—Cross shaft, thin	1
	40023	Seal—Cross shaft oil	1
	40025	Gasket—Cross shaft oil seal	1
	40170	Shaft and Worm Assy—Main column LH	1
	40037	Oil Seal—Main column shaft	1
	40024	Gasket—Main column shaft oil seal	1
	37184	Bearing Assy—Worm roller	2
	37262	Bearing Cup—Worm roller (upper housing only)	1
	37806	Cup—Worm roller bearing adjusting	1
	40020	Spacer—Worm roller bearing	1
	40056	Washer—Oil-seal main col shaft	1
	40060	Spacer—Housing bearing	1
	50055	Nut—Cross shaft	1
	50056	Lock Washer—Cross shaft nut	1
	40064	Arm—Lever	1
	40057	Bracket—Frame	1
4- 2		Bolt—Carriage steering gear attaching steel galv ¼-20 x 2¼ in	12
4- 3	AN935-416	Washer—Lock	12
4- 4	Comm	Nut—Square steel galv ¼-20	12
4- 5	KSC 30	Sprocket—Chain Main torque tube to steering gear assy bronze (B.G.)	1
4- 6		Screw—Set sq hd cup point ¼-20NC-3 steel ¼ x 1 in	1
4	40081	Tiller Arm Assy—Steel cad. plate (Gemmer)	1
4- 7		Arm—Tiller	1
4- 8		Washer—Lock	1
4- 9		Nut	
4		Tie Rod Assy (dwg No. 379-82)	1
4-10	379-82-24	Clevis—Tie rod bronze	1
4-11	379-82-25	Pin—Clevis tie rod bronze	1
4-12		Key—Cotter bronze 3/32 x 1 in	1
4-13		Screw—Set sq hd cup point ¼ 20NC-3 steel ¼ x 1 in	1
4-14	379-82-53	End—Tie rod steel SAE 1020 CR 1½ dia x 4¼ in	1
4-15	Comm	Rivet—Tie rod end to tie rod attaching bu-hd steel ¼ dia x 1⅞ in	1
4-16	No Number	Tubing—Torque tie rod steel SAE 1015 1½ OD x .120 in. (dwg No. 379-82-21)	AR
4-17	379-82-52	End—Tie rod steel SAE 1020 CR 1½ dia x 4¼ in	1
4-18	Comm	Rivet—Bu-hd tie rod end to tie rod attaching steel ¼ dia x 1⅞ in	1
4-19	379-82-24	Clevis—Tie rod bronze	1
4-20	No Number	Pin—Clevis tie rod bronze (dwg No. 379-82-25)	1
		Key—Cotter bronze 3/32 x 1 in	1
4-21		Screw—Set—Set sq hd cup point ¼-20NC-3 steel ¼ x 1 in	1
4	379-82-31	Tiller Arm Assy—Bronze	1
4-22		Arm—Tiller bronze	1
4-23		Key—Tiller arm attaching steel	1
4-24	No Number	Bolt—Machine tiller attaching silicon bronze ⅜-16NC-3 x 3⅛ in. (Amer-Br)	1
4-25		Nut—Silicon bronze 16NC-3-⅜ in	1
4-26	LCJ	Bearing—Flanged cartridge steel 1¼ in. shaft dia (Fafnir)	2
4-27	Comm	Bolt—Carriage steel galv ½-13 x 2¾ in	4
4-28	AN935-816	Washer—Lock	4
4-29		Nut—Steel galv ½-13	4
4-30	AN286-2	Fitting—Grease	1
4		Rudder Assy (dwg No. 379-82)	2
4-31		Flange—Upper rudder port bronze	1
4-32		Stud—Upper flange attaching bronze ⅜ x 2⅝-16NC-3 in	2
4-33	Comm	Nut—Hex bronze ⅜-16NC-3	6
4-34	37750	Ring—Packing flax ½ in	4
		Thru Hull Flange Assy	1
4-35		Flange—Thru hull bronze	1
4-36		Plate—Outer thru hull bronze 5½ x 5½ in	1
4-37	379-82-45	Bolt—FH plate to flange attaching silicon bronze ⅜-16 x 5¾ in	4
4-38	AN960B10	Washer—Plain	4
4-39		Nut—Hex bronze ⅜-16	4
4-40	379-24A-2	Shaft and Blade Assy	2
4-41	379-24A-3	Nut—Hanger silicon bronze 1½-12NF-3 semifinish	1
4-42	379-24A4	Nut—Lock silicon bronze 1½-12NF-3	1
		Emergency Tiller Assy (dwg No. 379-82)	1
4-43	No Number	Tubing—Tiller handle steel 1¼ OD x .095 SAE 1015 (dwg No. 379-82-20)	AR
4-44	No Number	Tubing—Tiller shaft steel 1½ OD x .120 SAE 1015 (dwg No. 379-82-20)	AR
4-45	379-82-28	Cover—Deck plate emergency tiller bronze 5 in	1
4-46	379-82-19	Joint—Universal steel 1½ in. (altered from part No. C650 made by Boston Gear)	1
4-47	Comm	Rivet—Bu-hd universal joint attaching steel ¼ dia x 1⅞ in	4
4-48	379-82-51	Adapter—Emergency tiller steel	1

THROTTLE CONTROL SYSTEM

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY
		BRIDGE CONTROL TRANSMITTER ASSEMBLY	
		(a) Throttle Control System (dwg No. 379-70)	NP
	No Number	Control Transmitter Assy—Bridge control Exactor, with table mount adapter type E101-A (Sperry)	2
	108501	Transmitter Handle Ball Assy	1
	Comm	Screw—Oval hd steel cad. plate .190-32-⅛ in. length	2
	8386	Ball—Transmitter handle (Sperry)	2
	215383	Transmitter Handle and Shaft Assy (Sperry)	1
	Comm	Screw—Fil-hd cover steel cad. plate .216-24 x 1¼ in long	1
	Comm	Washer—Lock steel cad. plate std SAE No. 12	1
	8265	Cap—Filling (Sperry	1
	7160	Gasket—Filling (Sperry)	1
	8263	Handle Slot Gasket Assy—(Sperry)	1
	No Number	Screw—Drive type U 5⅛ in. No. 6 (Par-Kal)	8
	KS3L	Bearing—Ball transmitter clevis (Fafnir)	1
	FR269	Bearing—Ball transmitter shaft unground cad. plate (Kilian)	1
	8350	Cover—Transmitter shaft ball bearing (Sperry)	1
	108444	Tripper Lever Assy—(Sperry)	1
	8255	Clevis Pin Assy—Cotter ⅛ x ½ in. length (Sperry)	1
	Comm	Screw—Fil-hd locking steel cad. plate .164-32 x ½ length	1
	Comm	Washer—Shakeproof type No. 19 cad. plate size No. 8	1
	108443	Valve Opener Rod Assy (Sperry)	1
	22M40	Nut—Elastic stop	1
	6395	Nut—Packing (Sperry)	1
	6394	Retainer—Packing (Sperry)	1
		Packing—Piston flat (Sperry)	1
	109146	Parking—Piston moulded (Sperry)	1
	14907	Spring Assy—(Sperry)	1
	7142	Piston Assy—(Sperry)	1
	8268	Strainer—(Sperry)	1
	6384	Valve Assy—(Sperry)	1
	6617	Spring—Valve (Sperry)	1
	108998	Cap—Valve (Sperry)	1
	109004	Washer—(Sperry	1
	Comm	Screw-RH wood brass 1 in. No. 12	8
		Coupling—Half union brass ⅛ IPS x ¼ in. SAE flare	2
		Nut—Flare brass ¼ in. SAE	2
	Comm	Tubing—Copper ¼ OD x .035 in. (Spec. No. WW-T-799)	AR
		PILOT HOUSE CONTROL INTERMEDIATE TRANSMITTER ASSEMBLY	
		(b) Control Intermediate Transmitter Assy—Pilot house (dwg 379-70)	2
	No Number	Transmitter—Control intermediate Exactor with table mount adapter, type JOC1 (Sperry)	1
		Coupling—Half union brass ⅛ IPS in. x ½ SAE flare	1
		Nut—Flare brass ¼ in. SAE	1
	Comm	Tubing—Copper ¼ OD x .035 in. (Spec. No. WW-T-799)	AR
	Comm	Screw—RH wood brass 1 in. No. 12	4
		ENGINE ROOM CONTROL INTERMEDIATE TRANSMITTER ASSEMBLY	
		(b) Control Intermediate Transmitter Assy—Engine room (dwg No. 379-70)	2
	No Number	Transmitter—Control intermediate exactor with table mount adapter, type JOC1 (Sperry)	2
	Comm	Screw—RH wood brass 1 in. No. 12	8
	FD187	Control—Sea valve ball knob length A 19 ft 5 in. movement (Arens)	1
	No Number	Plate—Label plastic ⅛ x ¾ x 2 in. (dwg No. 379-70-21) (LM)	1
		Brad—Wire brass ⅛ x ⅜ in.	8
	FD187	Control—Main engine spark ball knob length A 22 ft 1 in. movement (Arens)	2
	No Number	Plate—Label plastic ⅛ x ¾ x 2 in. (dwg No. 379-70-21) (LM)	1
		Coupling—Half union brass ⅛ IPS x ¼ in. flare SAE	4
		Nut—Flare brass ¼ in. SAE	1
	Comm	Tubing—Copper ¼ OD x .035 in. (Spec. No. WW-T-799)	AR
	FD187	Control—Auxiliary engine throttle ball knob length A 12 ft 2½ in. movement (Arens)	2
		CONTROL RECEIVER ASSEMBLY—TYPE E1C1-A	
	No Number	Control Receiver Assy—Type E1C1-A (Sperry)	2
		Receiver Lever Assy	1
	7168-2	Lever—Receiver brass (Sperry)	1
	Comm	Screw—Fil-hd machine steel cad. plate ¼-28 x 1¼ in.	1
	42E0-48	Nut—Elastic stop steel cad. plate X1315	1
	Comm	Screw—Fil-hd cover steel cad. plate 1¼ in. .216-24	1
	Comm	Washer—Lock cad. plate std SAE No. 12	1
	KS-3L	Bearing—Clevis (Fafnir)	1
	FR-269	Bearing—Shaft unground cad. plate (Kilian)	1
	108506	Cover—Shaft bearing (Sperry)	1
	108507	Rocker Arm Assy—(Sperry)	1
	8255	Clevis Pin Assy—Cotter pin ⅛ x ½ in. length (Sperry)	1
	Comm	Screw—Fil-hd locking steel cad. plate .164-32½ in. length	1
	Comm	Washer—Shakeproof type No. 19 size No. 8 steel cad. plate	1
	6395	Nut—Packing (Sperry)	1
	6394	Retainer—Packing (Sperry)	1
	109146	Packing—Piston (Sperry)	1
	14907	Spring Assy—(Sperry)	1
	7142	Piston Assy—(Sperry)	1
		Bolt—RH stove steel No. 10-32 x 2 in. length	6
	AN960-10	Washer	6
		Nut—Steel No. 10-32	6
	No Number	Adapter—Upper mtg steel 14 gauge U.S.S. x 6¾ x 6 in. (dwg No. 379-70-5) (LM)	2
	No Number	Rod—Connecting brass ¼ dia x 4 in. long thread both ends (dwg No. 379-70-8) (LM)	2

(a) For illustration of some of these parts see figures 66, 67, 68 and 69 of the handbook.
(b) Nonprocurable.

THROTTLE CONTROL SYSTEM

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY
		SEA VALVE CONTROL ASSEMBLY	
	P508	Joint—Ball brass (Willis)	4
	AN935-416	Washer—Lock	4
	Comm	Nut—Brass ¼-20	4
	No Number	Adapter—Lower mtg steel 14 gauge U.S.S. x 6½ x 6¼ in. (dwg No. 379-70-4) (LM)	2
	379-70	Sea Valve Control Assy	1
	FC187	Control—Ball knob sea valve length A 6 ft 5 in. movement (Arens)	1
	FD187	Control—Sea valve length A 19 ft 5 in. movement (Arens)	1
		Nut—Hex steel ¼-28NF	7
	No Number	Clevis—Steel ⅛ x ¾ x 4½ in. (dwg No. 379-70-17) (LM)	1
	No Number	Clevis—Steel ⅛ x ¾ x 4½ in. (dwg No. 379-70-18) (LM)	5
		Bolt—Clevis hex-hd steel ¼-20NC-1¼ in.	1
		Bolt—Clevis hex-hd steel ¼-20NC-1 in.	5
		Nut—Steel ¼-20NC	12
		Coupling—Half union brass ⅛ IPS x ¼ SAE flare	2
		Nut—Flare brass ¼ in. SAE	2
	Comm	Tubing—Copper ¼ OD x .035 in. (Spec. No. WW-T-799)	AR

CLUTCH CONTROL SYSTEM

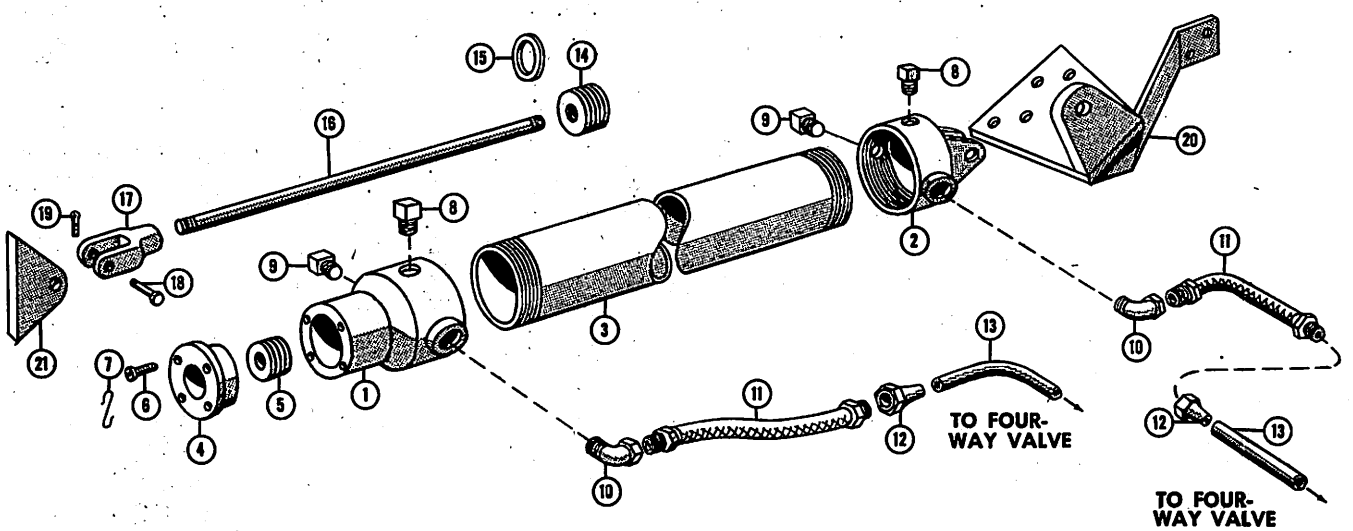


Figure 5—Hydraulic Cylinder Assembly

		HYDRAULIC CYLINDER ASSEMBLY	
		Clutch Control System—Model No. 61 power hydraulic (Col Br dwg No. H-166) (dwg No. 379-71)	2
5		Cylinder Assy—Hydraulic	2
5-1	P1	Cap—Cylinder forward bronze (Col Br)	1
5-2	P2	Cap—Cylinder rear bronze (Col Br)	1
5-3	P-3	Barrel—Cylinder steel (Col Br)	1
5		Gland Assy	
5-4	P7	Gland—Bronze	1
5-5	P10	Ring—Packing, leather (Col Br)	2
5	P10A	Ring—Packing, neoprene (Col Br)	2
5-6	P8	Screw—Gland bronze (Col Br)	8
5-7	P9	Wire—Locking copper (Col Br)	AR
5-8	P15	Plug—Pipe bronze ⅛ in. (Col Br)	2
5-9	P16	Plug—Pipe bronze ⅜ in. (Col Br)	2
5		Line System—Hydraulic	2
5-10	379-71-16	Elbow—Street 90° brass ⅜ in. IPS	1
5-11	P17	Hose—Flexible comp (dwg No. 379-71-6)	4
5-12	No Number	Nut—Flare brass ⅜ in. (Col Br)	4
5-13	Comm	Tubing—Copper soft ⅜ in. OD x .035 wall (Spec. No. WW-T-799)	AR
5		Piston Assy	1
5-14	P5	Piston—Bronze (Col Br)	1
5-15	AN6227-29	Ring—Piston neoprene (Col Br P-6)	2
5-16	P4	Rod—Piston monel (Col Br)	1
5-17	P11	Clevis—Bronze (Col Br)	1
5-18	P12	Pin—Clevis bronze (Col Br)	1
5-19	P13	Pin—Cotter bronze (Col Br)	1
		Pin—Clevis mounting bronze (Col Br)	1
5-20	379-71-8	Bracket—Cylinder mounting steel	1
5-21	379-71-10	Lug—Lever reverse gear steel	1

CLUTCH CONTROL SYSTEM

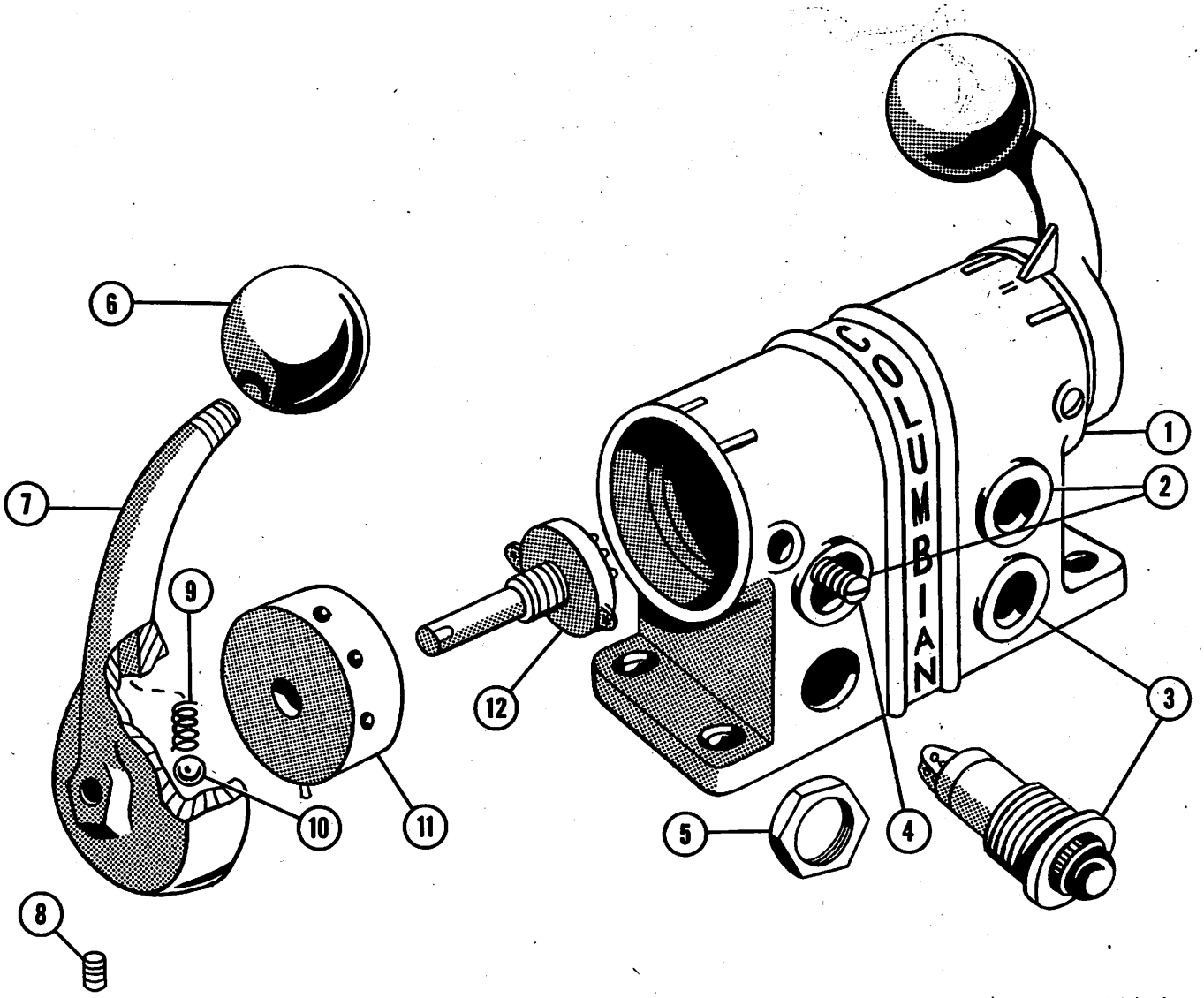


Figure 6—Pedestal Assembly

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY
		PEDESTAL ASSEMBLY—EH-16	
	No Number	Pedestal Assy—EH-16 (Col Br dwg No. H-119)	1
6-1	P41A	Body—Pedestal (Col Br)	1
6-2	P42B	Light—Indicator green (Col Br)	1
6-3	P41B	Light—Indicator red (Col Br)	1
	P43B	Bulb	2
6-4		Screw—Lock bushing brass (Col Br 5-5)	2
6-5		Nut—Lock (Col Br)	4
6		Arm Assy—Control	2
6-6	P43A	Knob—Control hard rubber (Col Br)	1
6-7	P42A	Arm—Control alum (Col Br)	1
6-8	P46A	Screw—Set handle hollow stud	2
6-9	P48A	Spring—Indexing steel (Col Br)	2
6-10	P49A	Ball—Indexing steel (Col Br)	2
6-11		Bushing—Aluminum (Col Br 5-4)	2
6-12	P47A	Switch—Rotary (Col Br 3223-J)	2
	P46B	Jumper—(Col Br)	3
	P50A	Cable—4-wire (Col Br)	2

CLUTCH CONTROL SYSTEM

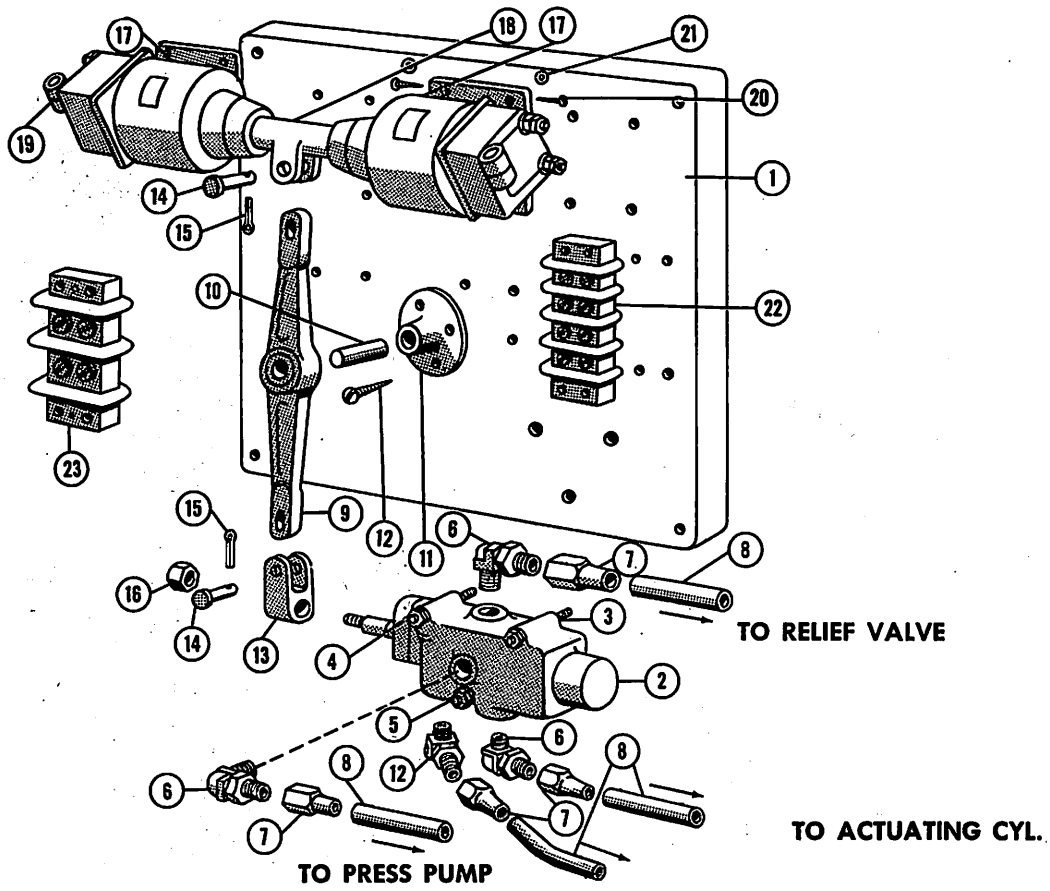


Figure 7—Valve Transfer Lever and Solenoid Assembly, 4-Way

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY
		VALVE, TRANSFER LEVER AND SOLENOID ASSEMBLY—4-WAY	
7		Valve, Transfer Lever and Solenoid Assy—4-way (Col Br H-118)	1
7-1	P55	Base—Valve, lever, and solenoid mtg	1
7-2	P67	Valve—4-way (Col Br)	1
7-3	P62	Spacer—Mounting valve (Col Br)	3
7-4	P63	Stud—Mounting valve (Col Br)	3
7-5	P64	Nut—Mounting valve (Col Br)	3
	P64A	Washer—Lock ⅜ in.	3
7-6		Elbow—Half union brass ⅛ flare x ⅜ in. IPS (Col Br)	4
7-7		Nut—Flare brass ⅛ x ⅛ flare x ⅜ in. IPS	4
7-8	Comm	Tubing—Copper soft ⅛ OD x .035 in. wall (Spec. No. WW-T-799)	AR
7		Lever Assy—Transfer	1
7-9	P56	Lever—Transfer brass (Col Br)	1
7-10		Pin—Mounting lever (Col Br)	1
7-11	P57	Bracket—Mounting lever (Col Br)	1
7-12	P58	Screw—Mounting lever bracket (Col Br)	3
7-13	P59	Clevis—Valve stem (Col Br)	1
7-14	P61	Pin—Clevis (Col Br)	2
7-15	P68	Pin—Cotter (Col Br)	2
7-16		Nut—Hex-hd (Col Br)	1
7		Solenoid Assy	2
7-17	P69	Solenoid—(Col Br)	1
7-18	P60	Clevis—Solenoid (Col Br)	1
7-19	P66	Condenser (Col Br)	2
7-20	P65	Screw—Mounting solenoid (Col Br)	8
7-21	P65A	Washer—Lock ¼ in. (Col Br)	8
7-22	P71J	Strip—Terminal large (Col Br)	1
	P71	Lugs—Terminal (Col Br)	10
		Screw—Mounting terminal strip (Col Br)	4
7-23	P71K	Strip—Terminal small (Col Br)	1
	P71A	Lugs—Terminal (Col Br)	10
	P71L	Screw—Mounting terminal strip (Col Br)	4
	P71B	Lead—Ground solenoid (Col Br)	1
	P71C	Lead—Battery solenoid (Col Br)	1

CLUTCH CONTROL SYSTEM

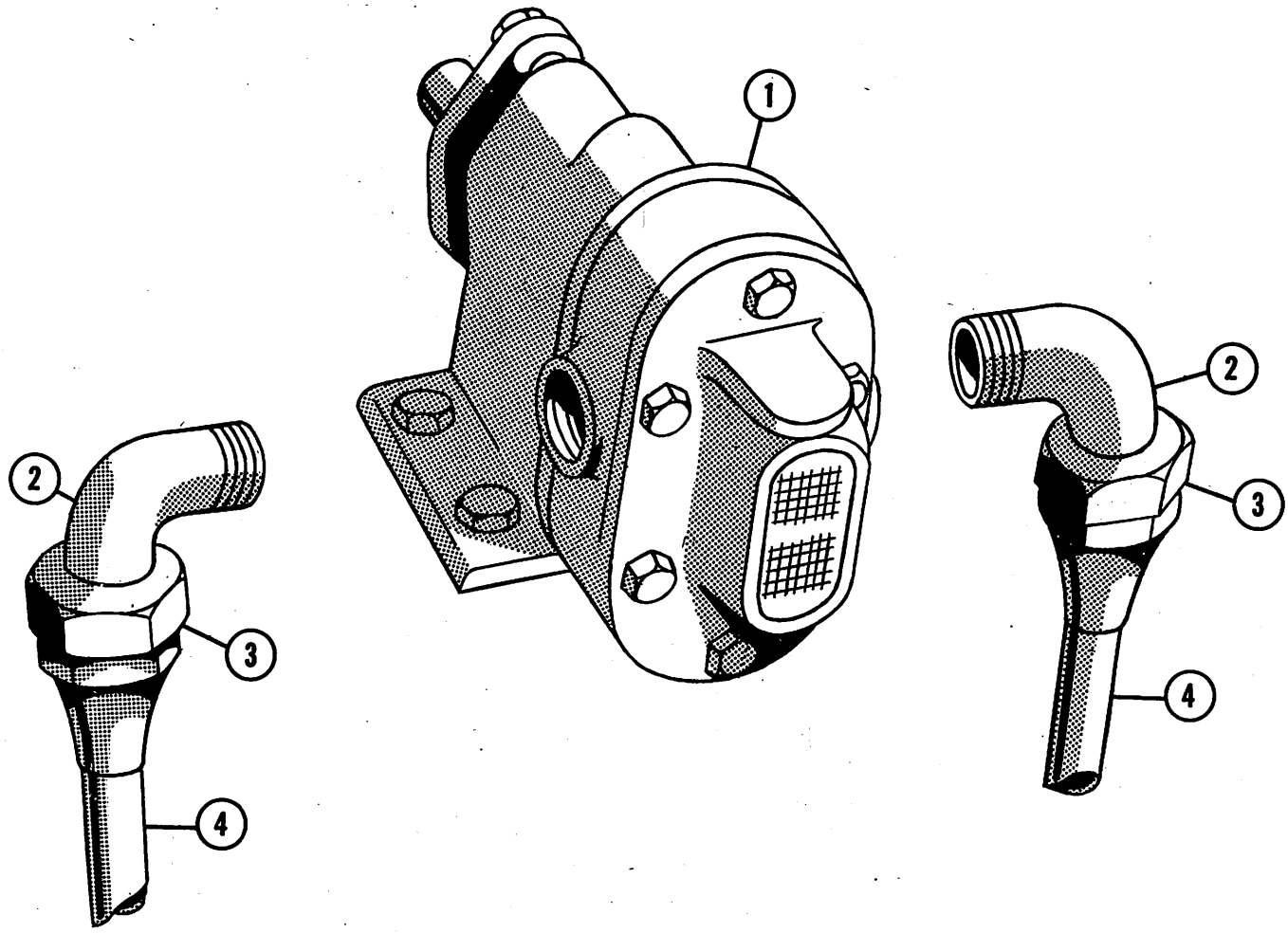


Figure 8—Oil-Pressure Pump Assembly

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY
		OIL-PRESSURE PUMP ASSEMBLY	
8- 1	P72	Pump Assy—Oil pressure (Col Br)	1
	P75	Spline—Pump	1
		Key—Woodruff 5/16 x 1/8 in.	1
	P77	Screw—Set	1
		Strainer—Bronze (Perko Fig. 299)	1
8- 2	No Number	Elbow—Half union brass 1/8 flare x 3/8 in. IPS (Col Br)	2
8- 3	No Number	Nut—Flare brass 1/2 flare x 1/2 flare x 3/8 in. IPS (Col Br)	2
8- 4	Comm	Tubing—Copper soft 1/2 OD x .035 in. (Spec. No. WW-T-799)	AR
	P78	Bracket—Pump mounting $3^{11}/_{16}$ x $4^{29}/_{32}$ in.	1
		Screw—Pump mounting hex-hd steel 5/16NC-6 x 3/4 in. long	4
		PRESSURE RELIEF VALVE ASSEMBLY	
9		Valve Assy—Pressure relief	1
9- 1	P81	Valve—Pressure relief (Col Br)	1
9- 2	379-71-9	Bracket—Mounting pressure relief steel	1
9- 3	379-71-11	Coupling—Half union brass 1/8 flare x 3/8 in. IPS	2
9- 4	379-71-13	Tee—Brass 1/8 flare x 1/8 flare x 1/8 in. IPS	1
9- 5	379-71-14	Nut—Flare brass 1/8 in.	4
9- 6	Comm	Tubing—Copper soft 1/8 OD x .035 in. (dwg No. 379-71-15) (Spec. No. WW-T-799)	AR

CLUTCH CONTROL SYSTEM

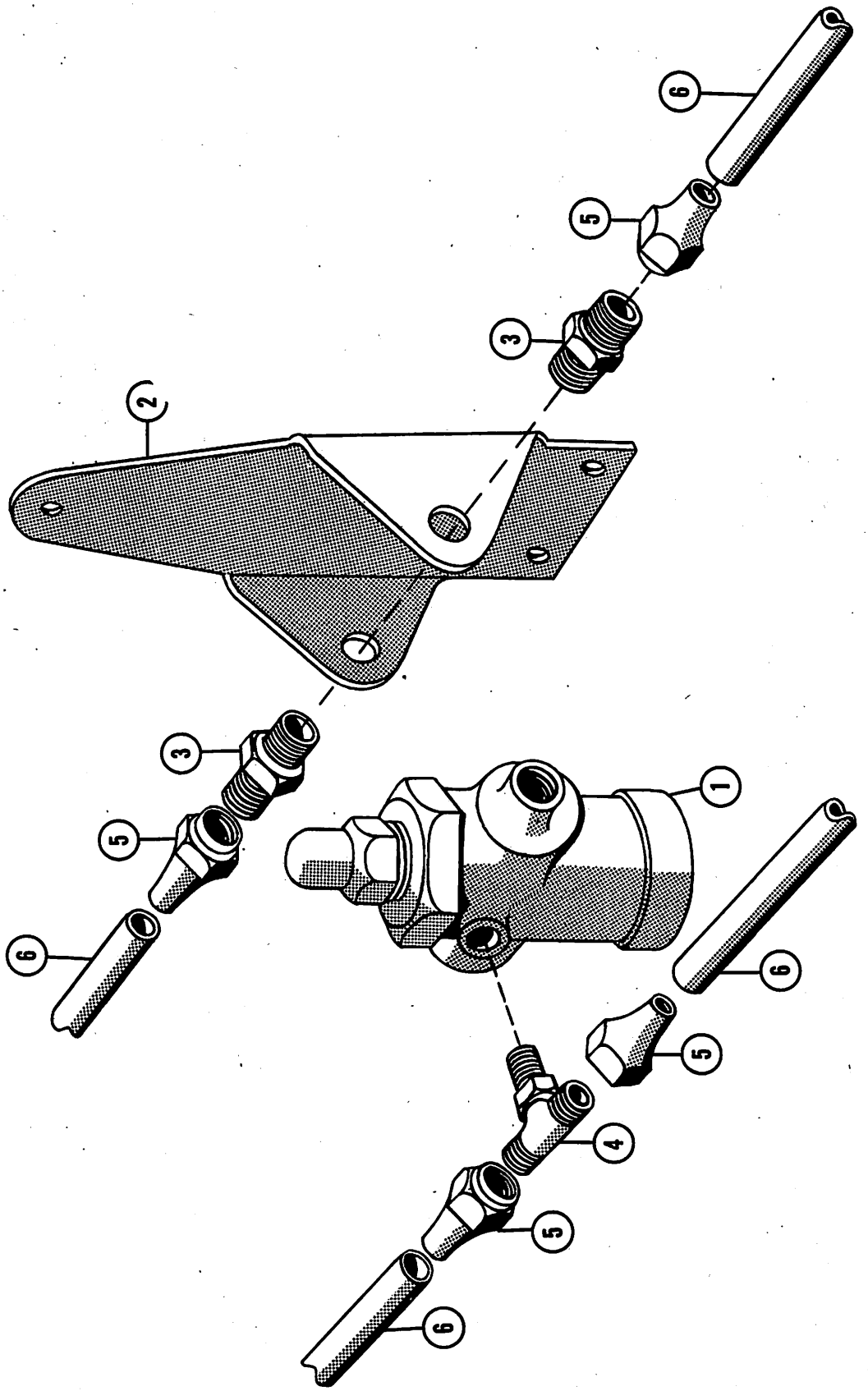


Figure 9—Pressure Relief Valve Assembly

CLUTCH CONTROL SYSTEM

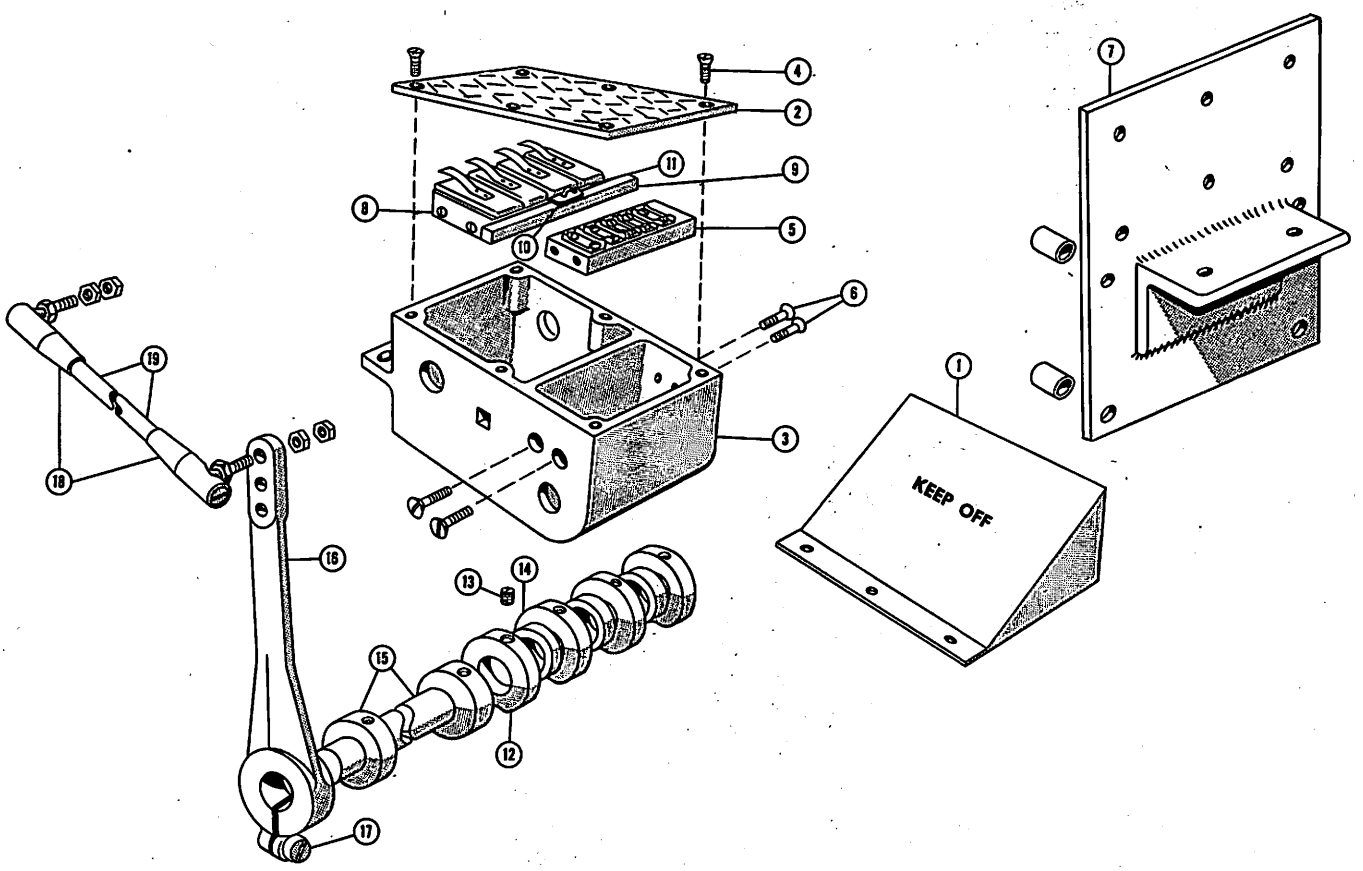


Figure 10—Clutch Cam Box Assembly

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY
		CLUTCH CAM BOX ASSEMBLY	
10		Box Assy—Clutch cam (Col Br dwg No. H-125)	1
10		Housing Assy—Cam	1
10- 1		Guard—Cam box lever (Col Br dwg No. H-219)	1
10- 2	P22	Plate—Cam box cover alum (Col Br)	1
10- 3	P21	Housing—Cam box alum (Col Br)	1
10- 4	P23	Screw—Cover plate	6
10- 5	P24	Strip—Terminal (Col Br)	1
10- 6	P25	Screw—Terminal strip mtg (Col Br)	4
10- 7		Bracket—Clutch control cam box (Col Br dwg No. H-219)	1
		Switch Assy—Micro	1
10- 8	P30	Switch—Micro	4
10- 9	P20	Bracket—Microswitch brass (Col Br)	1
	P27	Pin—Switch locking brass (Col Br)	1
	P26	Pin—Switch rocker brass (Col Br)	1
		Switch—Brass	1
10-10	P29	Stud—Microswitch holding	1
10-11	P29	Washer—Flat	1
10		Cam and Lever Assy	1
10-12	P31	Cam—Bronze	4
10-13	P32	Screw—Cam lock steel (Col Br)	4
10-14	P33	Spacer—Cam bronze (Col Br)	8
10-15	P34	Camshaft—Bronze (Col Br)	1
	P35	Bearing—Bushing brass (Col Br)	4
	P36	Gasket	2
10-16	P37	Lever—Control alum (Col Br)	1
10-17	P38	Screw—Control lever clamping (Col Br)	1
10-18	No Number	Joint—Ball (Perko Fig. 793)	2
10-19		Rod—Connecting ¼ in. dia x 6 in. long	1

FUEL PIPING SYSTEM

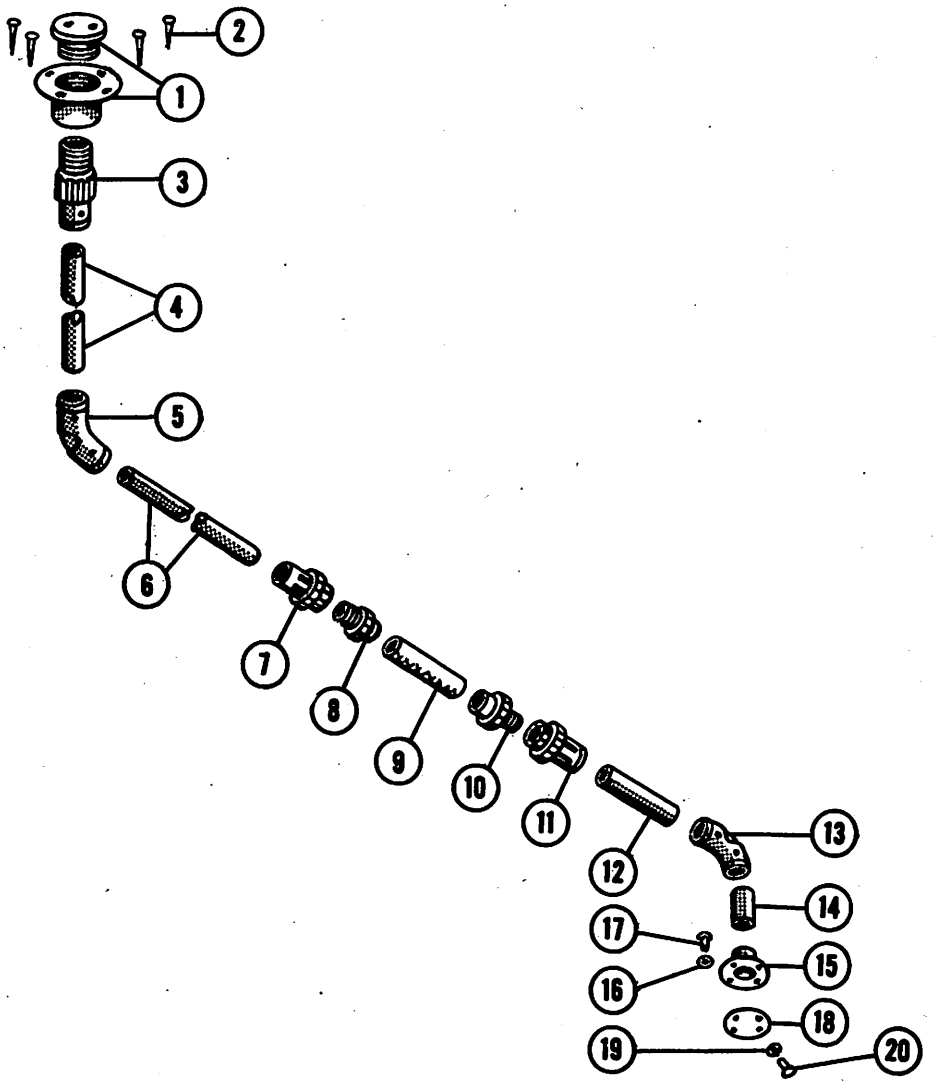


Figure 11—Center and Wing Tanks Deck Filler Assembly—Frames 43 and 59

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY
		CENTER AND WING TANKS DECK FILLER ASSEMBLY—FRAMES 43 AND 59	
		Fuel Piping System—(Dwg No. 379-68)	NP
11		Deck Filler Assy—Center tanks, frames 43 and 59	4
11		Deck Filler Assy—Wing tanks, frame 43	2
11- 1	P985	Plate—Filler deck brass 2½ in. IPS (Willis)	1
11- 2		Screw—FH wood brass 1½ in. No. 2	4
11- 3	A1726	Coupling—Brass 2½ x 2½ in. (M. B. Co.)	1
11- 4	Comm	Tubing—Copper type L hard 2½ in. .080 wall (Spec. No. WW-T-799)	AR
11- 5	W8068	Elbow—Wrought copper 2½ x 2½ in. (M. B. Co.)	1
11- 6	Comm	Tubing—Copper type L hard 2½ in. .080 wall (Spec. No. WW-T-799)	AR
11- 7		Union—Female brass 2½ C x 2½ in. IPS	1
11- 8	No Number	Fitting—End male bronze 2½ x 2½ ID in. (T. Flex)	1
11- 9	No Number	Hose—DB flexible type 135-40 bronze 2½ ID x 9 in. (T. Flex)	1
11-10	No Number	Fitting—End male bronze 2½ x 2½ ID in. (T. Flex)	1
11-11		Union—Female brass 2½ C x 2½ in. IPS	1
11-12	Comm	Tubing—Copper type L hard 2½ in. .080 wall (Spec. No. WW-T-799)	AR
11-13	A1731	Elbow—90° cast brass 2½ x 2½ in. (M. B. Co.)	1
11-14	Comm	Tubing—Copper hard type L 2½ in. .080 wall (Spec. No. WW-T-799)	AR
11-15	A4409	Fitting—Tank filler C brass 2½ x 2½ in. (M. B. Co.)	1
11-16	AN935-416	Washer—Lock	8
11-17		Screw—Cap hex-hd steel cad. plate ¼-28NF-2 x ¾ in.	8
11-18	No Number	Flange—Blank filler C brass (dwg No. 379-87-5)	1
11-19	AN935-416	Washer—Lock	8
11-20		Screw—Cap hex-hd steel cad. plate ¼-28NF-2 x ¾ in.	8

DECK FILLER ASSEM. TYPICAL FOR: 2 WING TANKS—FRAME 59

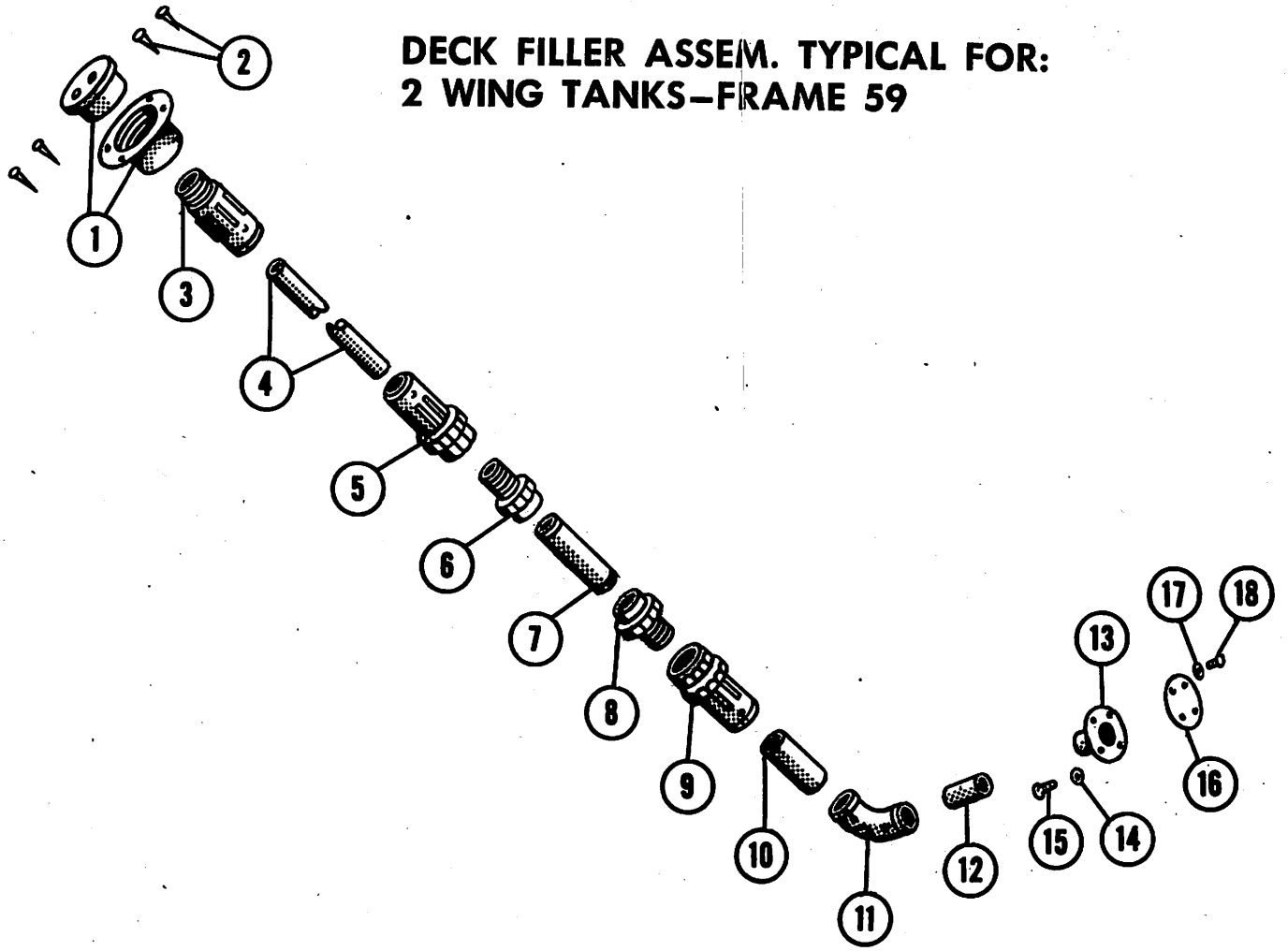


Figure 12—Wing Tanks Deck Filler Assembly—Frame 59

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY
		WING TANKS DECK FILLER ASSEMBLY—FRAME 59	
12		Deck Filler Assy—Wing tanks, frame 59	2
12- 1	P985	Plate—Filler deck brass 2½ in. IPS (Willis)	1
12- 2		Screw—FH wood brass No. 12 x 1½ in.	4
12- 3	A1726	Coupling—Brass 2½ x 2½ in. (M. B. Co.)	1
12- 4	Comm	Tubing—Copper hard type L 2½ in. .080 wall (Spec. No. WW-T-799)	AR
12- 5		Union—Female brass 2½ C x 2½ in. IPS	1
12- 6	No Number	Fitting—End male bronze 2½ x 2½ in. ID (T. Flex)	1
12- 7	No Number	Hose—DB flexible bronze type 135-40 2½ ID x 9 in. (T. Flex)	1
12- 8	No Number	Fitting—End male bronze 2½ x 2½ in. ID (T. Flex)	1
12- 9		Union—Female brass 2½ C x 2½ in. IPS	1
12-10	Comm	Tubing—Copper hard type L 2½ in. .080 wall (Spec. No. WW-T-799)	AR
12-11	A1731	Elbow—90° C brass 2½ x 2½ in. (M. B. Co.)	1
12-12	Comm	Tubing—Copper hard type L 2½ in. .080 wall (Spec. No. WW-T-799)	AR
12-13	A4409	Fitting—Tank filler C brass 2½ x 2½ in. (M.B. Co.)	1
12-14	AN935-416	Washer—Lock	8
12-15		Screw—Cap hex-hd steel cad. plate ¼-28NF-2 x ¾ in.	8
12-16	No Number	Flange—Blank filler C brass (dwg No. 379-87-5)	1
12-17	AN935-416	Washer—Lock	8
12-18		Screw—Cap hex-hd steel cad. plate ¼-28NF-2 x ¾ in.	8

FUEL PIPING SYSTEM

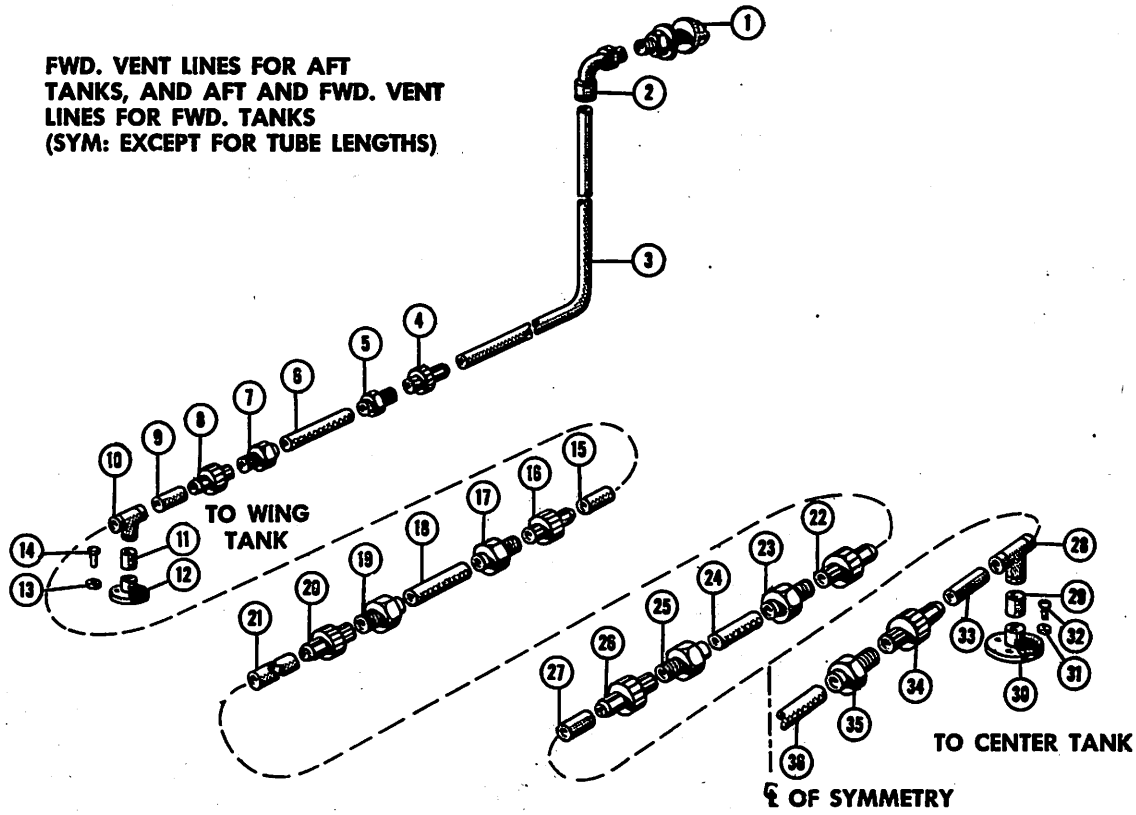


Figure 13—Forward Deck Vent Line Assembly

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY
		FORWARD DECK VENT LINE ASSEMBLY	
13		Deck Vent Assy—Fwd vent line for aft tanks, aft and fwd vent line for fwd tanks (starboard)	8
13		Deck Vent Assy—Fwd vent line for aft tanks, aft and fwd vent line for fwd tanks (port side)	8
13- 1	No Number	Fitting—Vent thru hull brass ¾ in. (fig. 8570' W-C)	1
13- 2	A11453	Elbow—90° union copper ¾ C x ¾ in. IPS (M.B. Co.)	1
13- 3	Comm	Tubing—Copper hard type L ¾ in. .045 wall (Spec. No. WW-T-799)	AR
13- 4	A11423	Union—Female brass ¾ C x ¾ in. IPS (M.B. Co.)	1
13- 5	No Number	Fitting—End male bronze ¾ x ¾ in. IPS (T. Flex)	1
13- 6	No Number	Hose—DB flexible metal bronze type 135-12¾ ID x 7 in. (T. Flex)	1
13- 7	No Number	Fitting—End male bronze ¾ x ¾ in. IPS (T. Flex)	1
13- 8	A11423	Union—Female brass ¾ C x ¾ in. IPS (M.B. Co.)	1
13- 9	Comm	Tubing—Copper hard type L ¾ in. .045 wall (Spec. No. WW-T-799)	AR
13-10	A1536	Tee—Cast brass ¾ x ¾ x ¾ in. (M.B. Co.)	1
13-11	Comm	Tubing—Copper hard type L ¾ in. .045 wall (Spec. No. WW-T-799)	AR
13-12	A4128	Fitting—Tank vent C brass ¾ x ¾ in. (M.B. Co.)	1
13-13	AN935-416	Washer—Lock	4
13-14	Comm	Screw—Cap steel cad. plate ¼-28NF-2 x ¾ in.	4
13-15	Comm	Tubing—Copper hard type L ¾ in. .045 wall (Spec. No. WW-T-799)	AR
13-16	A11423	Union—Female brass ¾ C x ¾ in. IPS (M.B. Co.)	1
13-17	No Number	Fitting—End male bronze ¾ x ¾ in. IPS (T. Flex)	1
13-18	No Number	Hose—DB flexible metal bronze type 135-12¾ in. ID x 7 in. (T. Flex)	1
13-19	No Number	Fitting—End male bronze ¾ x ¾ in. IPS (T. Flex)	1
13-20	A11423	Union—Female brass ¾ C x ¾ in. IPS (M.B. Co.)	1
13-21	Comm	Tubing—Copper hard type L ¾ in. .045 wall (Spec. No. WW-T-799)	AR
13-22	A11423	Union—Female brass ¾ C x ¾ in. IPS (M.B. Co.)	1
13-23	No Number	Fitting—End male bronze ¾ T. Flex x ¾ in. IPS (T. Flex)	1
13-24	No Number	Hose—DB flexible metal bronze type 135-12¾ in. ID x 7 in. (T. Flex)	1
13-25	No Number	Fitting—End male bronze ¾ T. Flex x ¾ in. IPS (T. Flex)	1
13-26	A11423	Union—Female brass ¾ C x ¾ in. IPS (M. B. Co.)	1
13-27	Comm	Tubing—Copper hard type L ¾ in. .045 wall (Spec. No. WW-T-799)	AR
13-28	A1536	Tee—Cast brass ¾ x ¾ x ¾ in. (M. B. Co.)	1
13-29	Comm	Tubing—Copper hard type L ¾ in. .045 wall (Spec. No. WW-T-799)	AR
13-30	A4128	Fitting—Tank vent C brass ¾ x ¾ in. (M. B. Co.)	1
13-31	AN935-416	Washer—Lock	4
13-32	Comm	Screw—Cap hex-hd steel cad. plate ¼-28NF-2 x ¾ in.	4
13-33	Comm	Tubing—Copper hard type L ¾ in. .045 wall (Spec. No. WW-T-799)	AR
13-34	A11423	Union—Female brass ¾ C x ¾ in. IPS (M. B. Co.)	1
13-35	No Number	Fitting—End male bronze ¾ T. Flex x ¾ in. IPS (T. Flex)	1
13-36	No Number	Hose—DB flexible metal bronze type 135-12 ¾ ID x 7 in. (T. Flex)	1

FUEL PIPING SYSTEM

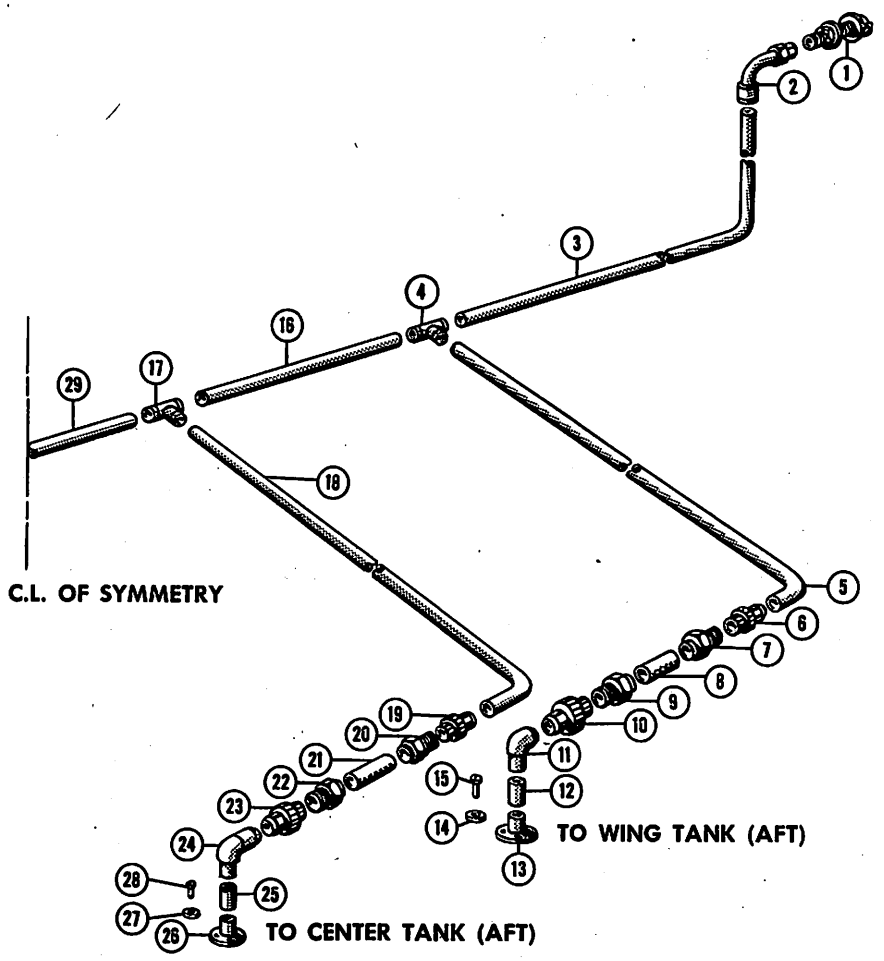


Figure 14—Aft Deck Vent Line Assembly

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 . NOMENCLATURE	UNITS PER ASSY
		AFT DECK VENT LINE ASSEMBLY	
14		Deck Vent Assy—Aft vent lines for aft tanks (starboard)	1
14		Deck Vent Assy—Aft vent lines for aft tanks (port side)	1
14- 1	No Number	Fitting—Vent thru hull brass ¾ in. (fig. 8570 W-C)	1
14- 2	A11453	Elbow—90° union copper ¾ C x ¾ in. IPS (M. B. Co.)	1
14- 3	Comm	Tubing—Copper hard type L ¾ in. .045 wall (Spec. No. WW-T-799)	AR
14- 4	A1536	Tee—Cast brass ¾ x ¾ x ¾ in. (M. B. Co.)	1
14- 5	Comm	Tubing—Copper hard type L ¾ in. .045 wall (Spec. No. WW-T-799)	AR
14- 6	A11423	Union—Female brass ¾ C x ¾ in. IPS (M. B. Co.)	1
14- 7	No Number	Fitting—End male bronze ¾ T. Flex x ¾ in. IPS (T. Flex)	1
14- 8	No Number	Hose—DB flexible metal bronze type 135-12¾ ID x 7 in. (T. Flex)	1
14- 9	No Number	Fitting—End male bronze ¾ T. Flex x ¾ in. IPS (T. Flex)	1
14-10	A11423	Union—Female brass ¾ C x ¾ in. IPS (M. B. Co.)	1
14-11	A2576	Elbow—90° street C brass ¾ C x ¾ in. fitting (M. B. Co.)	1
14-12	Comm	Tubing—Copper hard type L ¾ in. .045 wall (Spec. No. WW-T-799)	AR
14-13	A4128	Fitting—Tank vent C brass ¾ x ¾ in. (M. B. Co.)	1
14-14	AN935-416	Washer—Lock	4
14-15	Comm	Screw—Cap hex-hd steel cad. plate ¼-28NF-2 x ¾ in.	4
14-16	Comm	Tubing—Copper hard type L ¾ in. .045 wall (Spec. No. WW-T-799)	AR
14-17	A1536	Tee—Cast brass ¾ x ¾ x ¾ in. (M. B. Co.)	1
14-18	Comm	Tubing—Copper hard type L ¾ in. .045 wall (Spec. No. WW-T-799)	AR
14-19	A11423	Union—Female brass ¾ C x ¾ in. IPS (M. B. Co.)	1
14-20	No Number	Fitting—End male bronze ¾ T. Flex x ¾ in. IPS (T. Flex)	1
14-21	No Number	Hose—DB flexible metal bronze type 135-12¾ ID x 7 in. (T. Flex)	1
14-22	No Number	Fitting—End male bronze ¾ T. Flex x ¾ in. IPS (T. Flex)	1
14-23	A11423	Union—Female brass ¾ C x ¾ in. IPS (M. B. Co.)	1
14-24	A2576	Elbow—90° street C brass ¾ C x ¾ in. fitting (M. B. Co.)	1
14-25	Comm	Tubing—Copper hard type L ¾ in. .045 wall (Spec. No. WW-T-799)	AR
14-26	A4128	Fitting—Tank vent C brass ¾ x ¾ in. (M. B. Co.)	1
14-27	AN935-416	Washer—Lock	4
14-28	Comm	Screw—Cap hex-hd steel cad. plate ¼-28NF-2 x ¾ in.	4
14-29	Comm	Tubing—Copper hard type L ¾ in. .045 wall (Spec. No. WW-T-799)	AR

FUEL PIPING SYSTEM

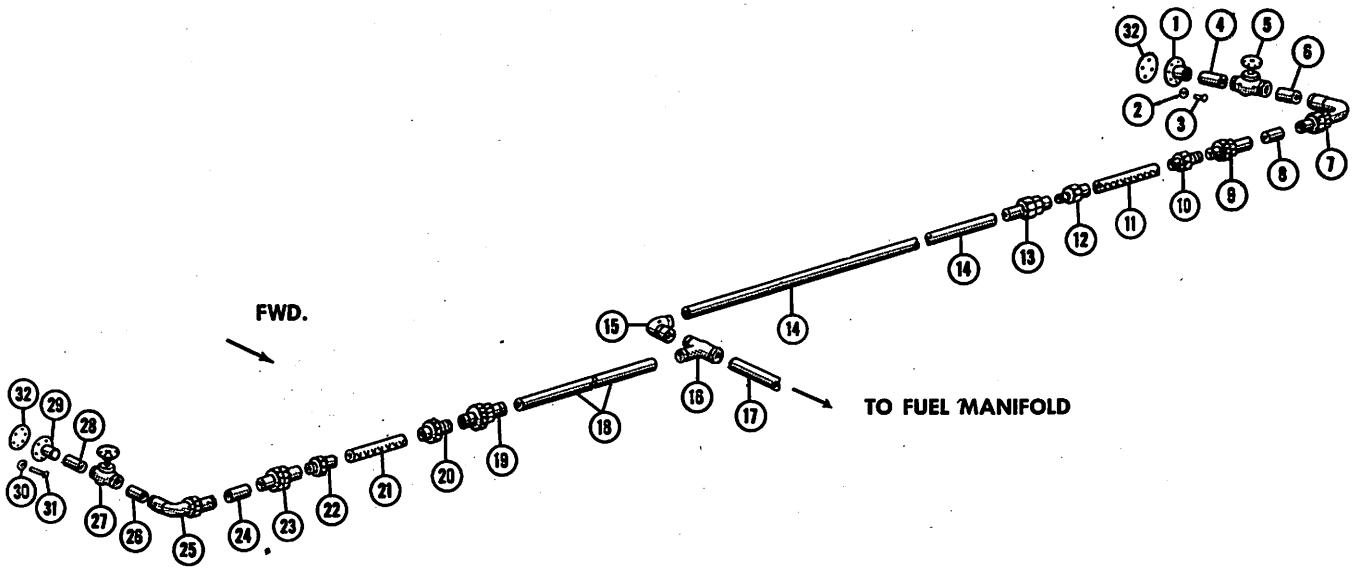


Figure 15—Aft Wing Tanks to Manifold Fuel Outlet Lines Assembly

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY
		AFT WING TANKS TO MANIFOLD FUEL OUTLET LINES ASSEMBLY	
15	/	Fuel Outlet Lines Assy—From aft wing tanks to manifold	1
15- 1	A4128	Fitting—Tank outlet ¾ x ¾ in. (M. B. Co.)	1
15- 2	AN935-416	Washer—Lock	4
15- 3	Comm	Screw—Cap hex-hd steel cad. plate ¼-28NF-2 x ¾ in.	4
15- 4	Comm	Tubing—Copper hard type L ¾ in. .045 wall (Spec. No. WW-T-799)	AR
15-	1319	Valve—Gate copper ¾ in. (Crane)	1
15- 6	Comm	Tubing—Copper hard type L ¾ in. .045 wall (Spec. No. WW-T-799)	AR
15- 7	A11433	Elbow—90° union copper ¾ C x ¾ in. (M. B. Co.)	1
15- 8	Comm	Tubing—Copper hard type L ¾ in. .045 wall (Spec. No. WW-T-799)	AR
15- 9	A11423	Union—Female brass ¾ C x ¾ in. IPS (M. B. Co.)	1
15-10	No Number	Fitting—End male bronze ¾ T. Flex x ¾ in. IPS (T. Flex)	1
15-11	No Number	Hose—DB flexible metal bronze type 135-12 ¾ ID x 9 in. (T. Flex)	1
15-12	No Number	Fitting—End male bronze ¾ T. Flex x ¾ in. IPS (T. Flex)	1
15-13	A11423	Union—Female brass ¾ C x ¾ in. IPS (M. B. Co.)	1
15-14	Comm	Tubing—Copper hard type L ¾ in. .045 wall (Spec. No. WW-T-799)	AR
15-15	A2576	Elbow—90° street C brass ¾ C x ¾ in. fitting (M. B. Co.)	1
15-16	W4056	Tee—Wrought copper 1 x 1 x 1 in. (M. B. Co.)	1
15-17	Comm	Tubing—Copper soft type L 1 in. .050 wall (Spec. No. WW-T-799)	AR
15-18	Comm	Tubing—Copper hard type L ¾ in. .045 wall (Spec. No. WW-T-799)	AR
15-19	A11423	Union—Female brass ¾ C x ¾ in. IPS (M. B. Co.)	1
15-20	No Number	Fitting—End male bronze ¾ T. Flex x ¾ in. IPS (T. Flex)	1
15-21	No Number	Hose—DB flexible metal bronze type 135-12 ¾ ID x 9 in. (T. Flex)	1
15-22	No Number	Fitting—End male bronze ¾ T. Flex x ¾ in. IPS (T. Flex)	1
15-23	A11423	Union—Female brass ¾ C x ¾ in. IPS (M. B. Co.)	1
15-24	Comm	Tubing—Copper hard type L ¾ in. .045 wall (Spec. No. WW-T-799)	AR
15-25	A11433	Elbow—90° Union copper ¾ C x ¾ in. (M. B. Co.)	1
15-26	Comm	Tubing—Copper hard type L ¾ in. .045 wall (Spec. No. WW-T-799)	AR
15-27	1319	Valve—Gate copper ¾ in. (Crane)	1
15-28	Comm	Tubing—Copper hard type L ¾ in. .045 wall (Spec. No. WW-T-799)	AR
15-29	A4128	Fitting—Tank outlet C brass ¾ x ¾ in. (M. B. Co.)	1
15-30	AN935-416	Washer—Lock	4
15-31	Comm	Screw—Cap hex-hd steel cad. plate ¼-28NF-2 x ¾ in.	4
15-32	No Number	Flange—Blank outlet C brass (dwg No. 379-87-6)	2
	AN935-416	Washer—Lock	8
	Comm	Screw—Cap hex-hd steel cad. plate ¼-28NF-2 x ¾ in.	8

FUEL PIPING SYSTEM

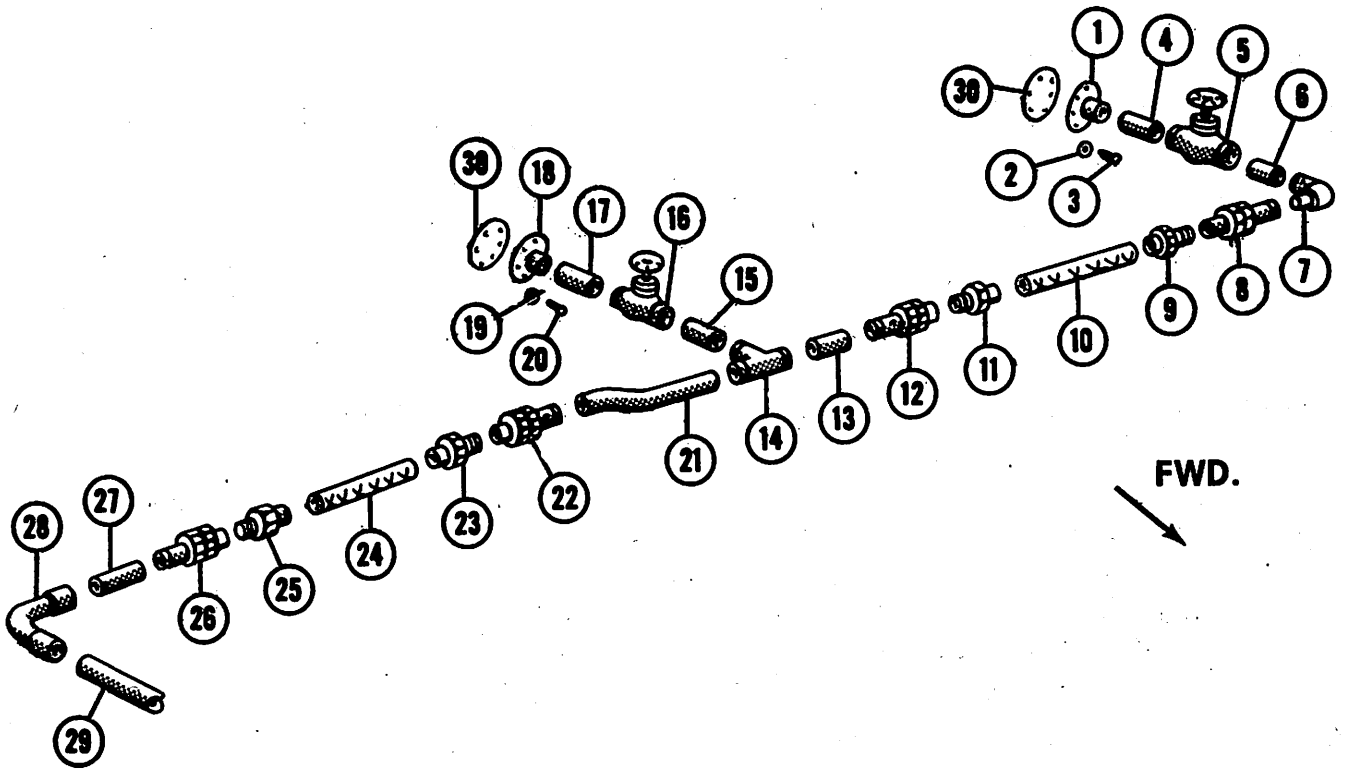


Figure 16—Aft Center Tanks to Manifold Fuel Outlet Lines Assembly

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY
		AFT CENTER TANKS TO MANIFOLD FUEL OUTLET LINES ASSEMBLY	
16		Fuel Outlet Lines Assy—Aft center tanks to manifold	1
16- 1	A4128	Fitting—Tank outlet C brass ¾ x ¾ in. (M. B. Co.)	1
16- 2	AN935-416	Washer—Lock	4
16- 3	Comm	Screw—Cap hex-hd steel cad. plate ¼-28NF-2 x ¾ in.	4
16- 4	Comm	Tubing—Copper hard type L ¾ in. .045 wall (Spec. No. WW-T-799)	AR
16- 5	1319	Valve—Gate copper ¾ in. (Crane)	1
16- 6	Comm	Tubing—Copper hard type L ¾ in. .045 wall (Spec. No. WW-T-799)	AR
16- 7	A2576	Elbow—90° Street C brass ¾ C x ¾ in. fitting (M. B. Co.)	1
16- 8	A11423	Union—Female brass ¾ C x ¾ in. IPS (M. B. Co.)	1
16- 9	No Number	Fitting—End male bronze ¾ T. Flex x ¾ in. IPS (T. Flex)	1
16-10	No Number	Hose—DB flexible metal bronze type 135-12 ¾ ID x 9 in. (T. Flex)	1
16-11	No Number	Fitting—End male bronze ¾ T. Flex x ¾ in. IPS (T. Flex)	1
16-12	A11423	Union—Female brass ¾ C x ¾ in. IPS (M. B. Co.)	1
16-13	Comm	Tubing—Copper hard type L ¾ in. .045 wall (Spec. No. WW-T-799)	AR
16-14	W4056	Tee—Wrought copper 1C x ¾ C x ¾ C in. (M. B. Co.)	1
16-15	Comm	Tubing—Copper hard type L ¾ in. .045 wall (Spec. No. WW-T-799)	AR
16-16	1319	Valve—Gate copper ¾ in. (Crane)	1
16-17	Comm	Tubing—Copper hard type L ¾ in. .045 wall (Spec. No. WW-T-799)	AR
16-18	A4128	Fitting—Tank outlet C brass ¾ x ¾ in. (M. B. Co.)	1
16-19	AN935-416	Washer—Lock	4
16-20	Comm	Screw—Cap hex-hd steel cad. plate ¼-28NF-2 x ¾ in.	4
16-21	Comm	Tubing—Copper soft type L 1 in. .050 wall (Spec. No. WW-T-799)	AR
16-22	A11424	Union—Female brass 1 in. C x 1 in. IPS (M. B. Co.)	1
16-23	No Number	Fitting—End male bronze 1 in. T. Flex x 1 in. IPS (T. Flex)	1
16-24	No Number	Hose—DB flexible metal bronze 1 ID x 6 in. (T. Flex)	1
16-25	No Number	Fitting—End male bronze 1 in. T. Flex x 1 in. IPS (T. Flex)	1
16-26	A11424	Union—Female brass 1 C x 1 in. IPS (M. B. Co.)	1
16-27	Comm	Tubing—Copper soft type L 1 in. .050 wall (Spec. No. WW-T-799)	AR
16-28	W2047	Elbow—90° Wrought copper 1 C x 1 in. C (M. B. Co.)	1
16-29	Comm	Tubing—Copper soft type L 1 in. .050 wall (Spec. No. WW-T-799)	AR
16-30	379-87-6	Flange—Blank outlet C brass	2
	AN935-416	Washer—Lock	8
		Screw—Cap hex-hd steel cad. plate ¼-28NF-2 x ¾ in.	8

FUEL PIPING SYSTEM

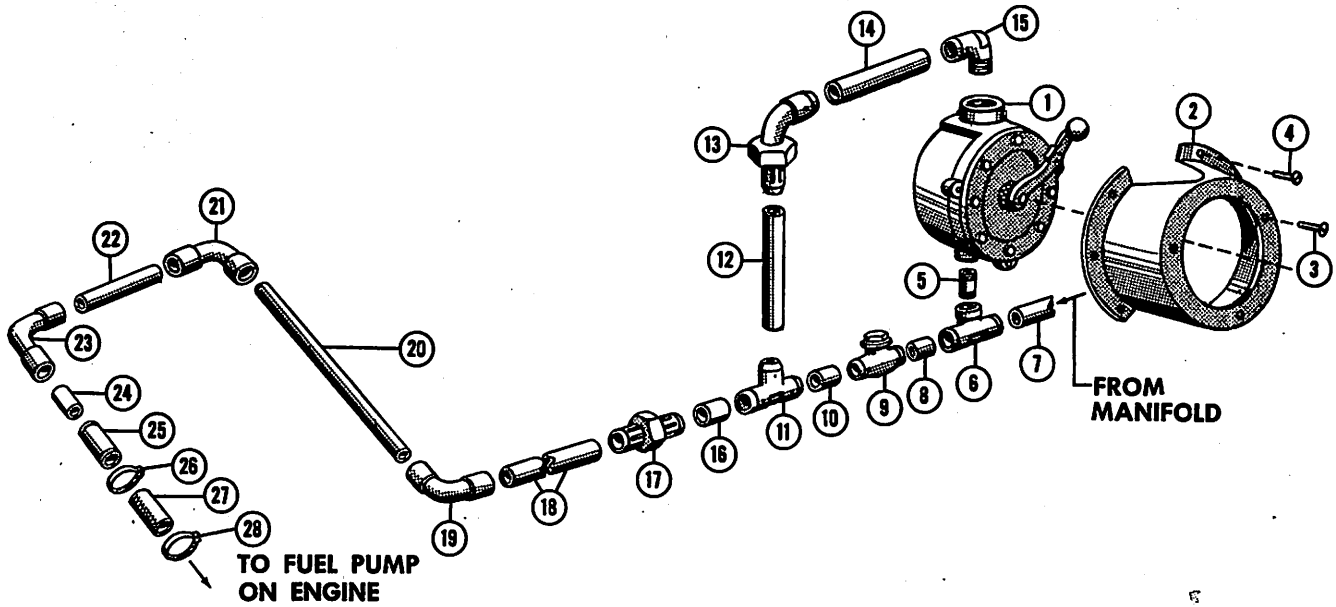


Figure 17—Wobble Pump Circuit Assembly

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY
		WOBBLE PUMP CIRCUIT ASSEMBLY	
17		Wobble Pump Circuit Assy	2
17- 1	23979-1	Pump—Gasoline wobble brass type D-4A (supplied with engine) (Aero)	1
17- 2	No Number	Bracket—Wobble pump brass 14 B & S gage (dwg No. 379-68-45) (LM)	1
17- 3	Comm	Screw—RH machine brass ¼-20NC-2 x 1 in.	3
	Comm	Nut—Hex brass ¼-20	3
17- 4	Comm	Screw—RH wood brass No. 8 x ¾ in.	6
17- 5	Comm	Nipple—Close brass ¾ in. IPS	1
17- 6	A1538	Tee—Cast brass ¾ C x ¾ C x ¾ in. IPS (M. B. Co.)	1
17- 7	Comm	Tubing—Copper hard type L ¾ in. .045 wall (Spec. No. WW-T-799)	AR
17- 8	Comm	Tubing—Copper hard type L ¾ in. .045 wall (Spec. No. WW-T-799)	AR
17- 9	1303	Valve—Check copper ¾ in. (Crane)	1
17-10	Comm	Tubing—Copper hard type L ¾ in. .045 wall (Spec. No. WW-T-799)	AR
17-11	A1536	Tee—Cast brass ¾ x ¾ x ¾ in. (M. B. Co.)	1
17-12	Comm	Tubing—Copper hard type L ¾ in. .045 wall (Spec. No. WW-T-799)	AR
17-13	A11433	Elbow—90° Union copper ¾ C x ¾ C in. (M. B. Co.)	1
17-14	Comm	Tubing—Copper hard type L ¾ in. .045 wall (Spec. No. WW-T-799)	AR
17-15	A1531	Elbow—Cast brass ¾ C x ¾ in. IPS (M. B. Co.)	1
17-16	Comm	Tubing—Copper hard type L ¾ in. .045 wall (Spec. No. WW-T-799)	AR
17-17	A11203	Union—Brass ¾ x ¾ in. (M. B. Co.)	1
17-18	Comm	Tubing—Copper hard type L ¾ in. .045 wall (Spec. No. WW-T-799)	AR
17-19	W2034	Elbow—90° wrought copper ¾ C x ¾ C in. (M. B. Co.)	1
17-20	Comm	Tubing—Copper hard type L ¾ in. .045 wall (Spec. No. WW-T-799)	AR
17-21	W2034	Elbow—90° wrought copper ¾ C x ¾ C in. (M. B. Co.)	1
17-22	Comm	Tubing—Copper hard type L ¾ in. .045 wall (Spec. No. WW-T-799)	AR
17-23	W2034	Elbow—90° wrought copper ¾ C x ¾ C in. (M. B. Co.)	1
17-24	Comm	Tubing—Copper hard type L ¾ in. .045 wall (Spec. No. WW-T-799)	AR
17-25	W1034	Coupling—Brass ¾ x ¾ in. (M. B. Co.)	1
17-26	*AN748	Clamp—Hose SS 5 in.	1
17-27	No Number	Hose—Rubber Buna construction 1 in.	1
17-28	*AN748	Clamp—Hose SS 5 in.	1

* *Size to be specified when ordering.*

FUEL PIPING SYSTEM

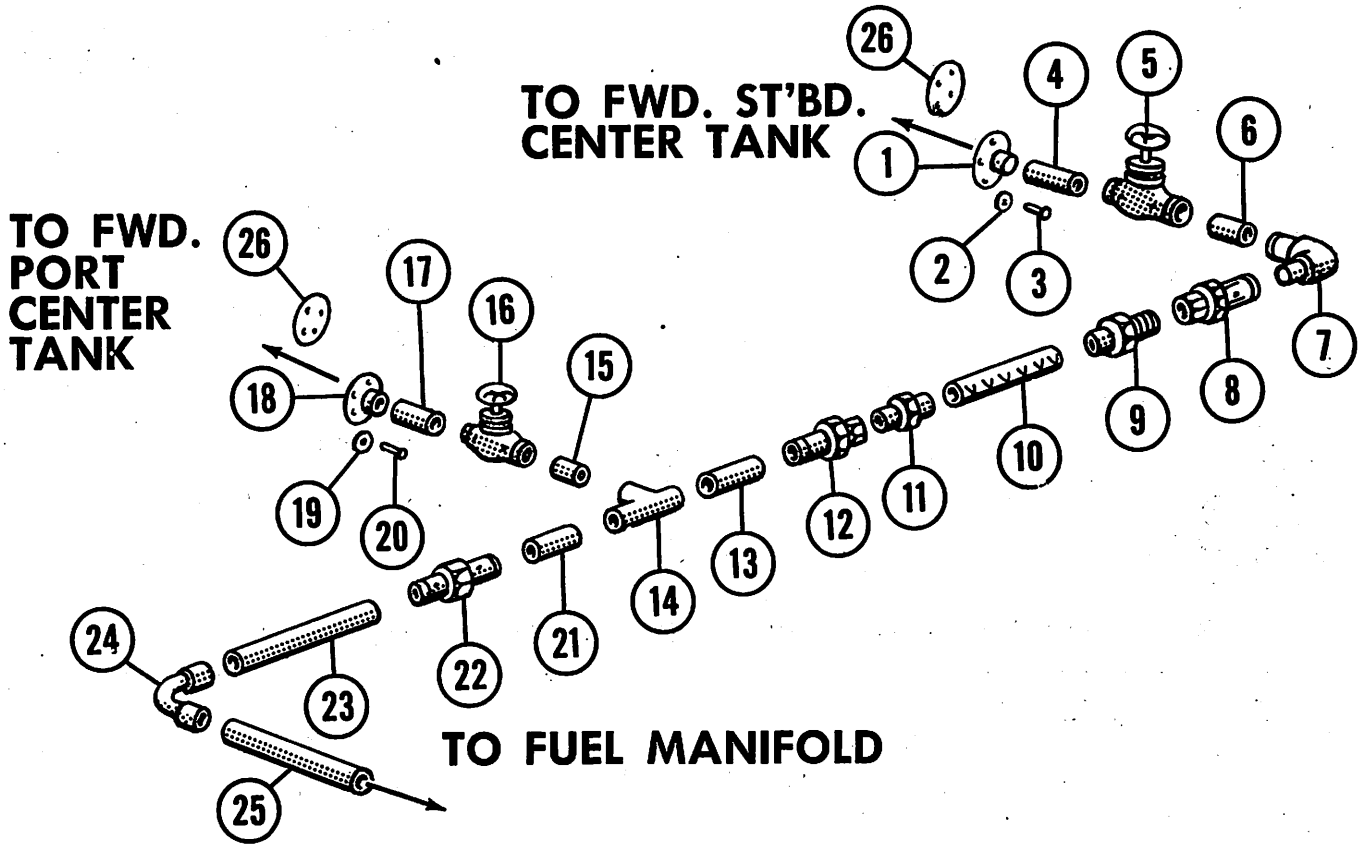


Figure 18—Forward Center Tanks to Manifold Fuel Outlet Line Assembly

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY
		FORWARD CENTER TANKS TO MANIFOLD FUEL OUTLET LINE ASSEMBLY	
18		Fuel Outlet Line Assy—Forward center tanks to manifold	1
18- 1	A4128	Fitting—Tank outlet ¾ x ¾ in. (M. B. Co.)	1
18- 2	AN935-416	Washer—Lock	4
18- 3	Comm	Screw—Cap hex-hd steel cad. plate ¼-28NF-2 x ¾ in.	4
18- 4	Comm	Tubing—Copper hard type L ¾ in. .045 wall (Spec. No. WW-T-799)	AR
18- 5	1819	Valve—Gate copper ¾ in. (Crane)	1
18- 6	Comm	Tubing—Copper hard type L ¾ in. .045 wall (Spec. No. WW-T-799)	AR
18- 7	A2576	Elbow—90° street C brass ¾ C x ¾ in. fitting (M. B. Co.)	1
18- 8	A11423	Union—Female brass ¾ C x ¾ in. IPS (M. B. Co.)	1
18- 9	No Number	Fitting—End male bronze ¾ T. Flex x ¾ in. IPS (T. Flex)	1
18-10	No Number	Hose—DB flexible metal bronze type 135-12 ¾ ID x 9 in. (T. Flex)	1
18-11	No Number	Fitting—End male bronze ¾ T. Flex x ¾ in. IPS (T. Flex)	1
18-12	A11423	Union—Female brass ¾ C x ¾ in. fitting (M. B. Co.)	1
18-13	Comm	Tubing—Copper hard type L ¾ in. .045 wall (Spec. No. WW-T-799)	AR
18-14	W4056	Tee—Wrought copper 1 x ¾ x ¾ in. (M. B. Co.)	1
18-15	Comm	Tubing—Copper hard type L ¾ in. .045 wall (Spec. No. WW-T-799)	AR
18-16	1819	Valve—Gate copper ¾ in. (Crane)	1
18-17	Comm	Tubing—Copper hard type L ¾ in. .045 wall (Spec. No. WW-T-799)	AR
18-18	A4128	Fitting—Tank outlet C brass ¾ x ¾ in. (M. B. Co.)	1
18-19	AN935-416	Washer—Lock	4
18-20		Screw—Cap hex-hd steel cad. plate ¼-28NF-2 x ¾ in.	4
18-21	Comm	Tubing—Copper soft type L 1 in. .050 wall (Spec. No. WW-T-799)	AR
18-22	A11204	Union—Cast brass 1 x 1 in (M. B. Co.)	1
18-23	Comm	Tubing—Copper soft type L 1 in. .050 wall (Spec. No. WW-T-799)	AR
18-24	W2047	Elbow—90° wrought copper 1 C x 1 C in. (M. B. Co.)	1
18-25	Comm	Tubing—Copper soft type L 1 in. .050 wall (Spec. No. WW-T-799)	AR
18-26	No Number	Flange—Blank outlet C brass (dwg No. 379-87-6)	2
	AN935-416	Washer—Lock	8
		Screw—Cap hex-hd steel cad. plate ¼-28NF-2 x ¾ in.	8

FUEL PIPING SYSTEM

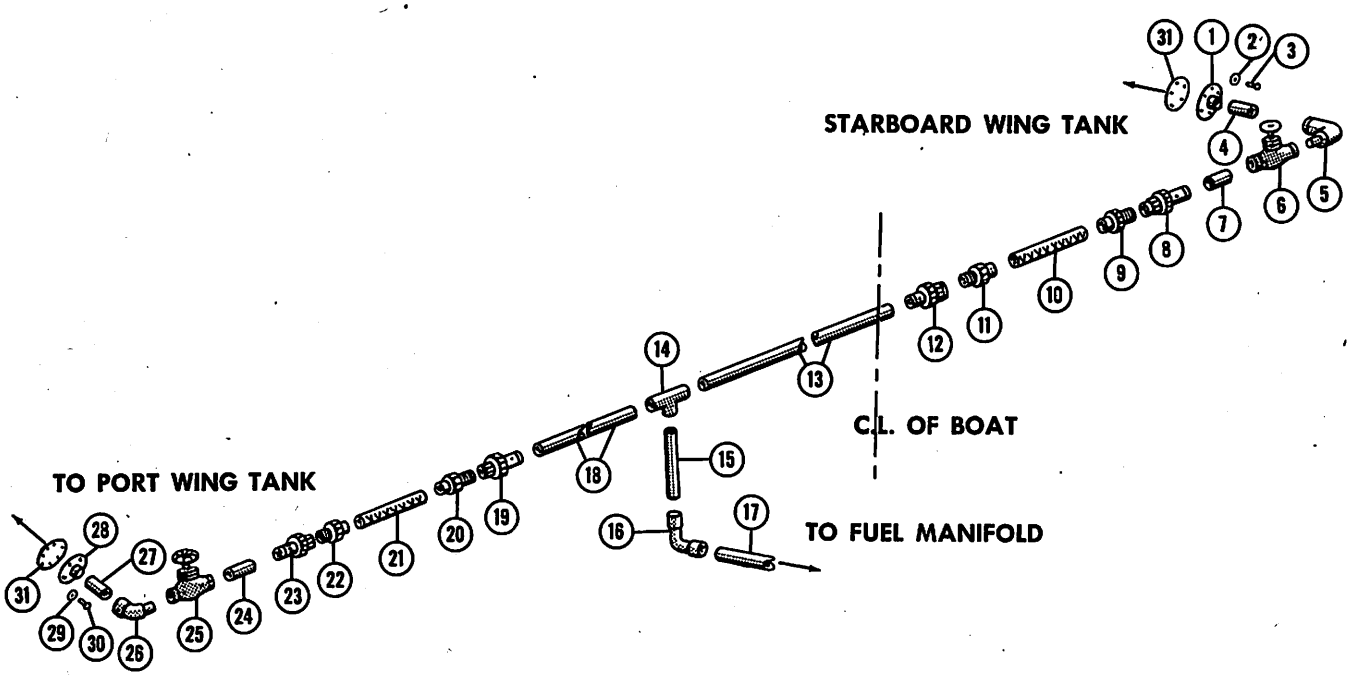


Figure 19—Forward Wing Tanks to Manifold Fuel Outline Line Assembly

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY
		FORWARD WING TANKS TO MANIFOLD FUEL OUTLET LINE ASSEMBLY (CONT'D)	
19		Fuel Outlet Line Assy—Forward wing tanks to manifold	1
19- 1	A4128	Fitting—Tank outlet ¾ x ¾ in. (M. B. Co.)	1
19- 2	AN935-416	Washer—Lock	4
19- 3	Comm	Screw—Cap hex-hd steel cad. plate ¼-28NF-2 x ¾ in.	4
19- 4	Comm	Tubing—Copper hard type L ¾ in. .045 wall (Spec. No. WW-T-799)	AR
19- 5	A2576	Elbow—90° street C brass ¾ C x ¾ in. fitting (M. B. Co.)	1
19- 6	1319	Valve—Gate copper ¾ in. (Crane)	1
19- 7	Comm	Tubing—Copper hard type L ¾ in. .045 wall (Spec. No. WW-T-799)	AR
19- 8	A11423	Union—Female brass ¾ C x ¾ in. IPS (M. B. Co.)	1
19- 9	No Number	Fitting—End male bronze ¾ T. Flex x ¾ in. IPS (T. Flex)	1
19-10	No Number	Hose—DB flexible metal bronze ¾ ID x 9 in. (T. Flex)	1
19-11	No Number	Fitting—End male bronze ¾ T. Flex x ¾ in. IPS (T. Flex)	1
19-12	A11423	Union—Female brass ¾ C x ¾ in. IPS (M. B. Co.)	1
19-13	Comm	Tubing—Copper hard type L ¾ in. .045 wall (Spec. No. WW-T-799)	AR
19-14	W4065	Tee—Wrought copper ¾ x ¾ x 1 in. (M. B. Co.)	1
19-15	Comm	Tubing—Copper soft type L 1 in. .050 wall (Spec. No. WW-T-799)◊	AR
19-16	W2047	Elbow—90° wrought copper 1 C x 1 C in. (M. B. Co.)	1
19-17	Comm	Tubing—Copper soft type L 1 in. .050 wall (Spec. No. WW-T-799)	AR
19-18	Comm	Tubing—Copper hard type L ¾ in. .045 wall (Spec. No. WW-T-799)	AR
19-19	A11423	Union—Female brass ¾ C x ¾ in. IPS (M. B. Co.)	1
19-20	No Number	Fitting—End male bronze ¾ T. Flex x ¾ in. IPS (T. Flex)	1
19-21	No Number	Hose—DB flexible metal bronze type 135-12¾ ID x 9 in. (T. Flex)	1
19-22	No Number	Fitting—End male bronze ¾ T. Flex x ¾ in. IPS (T. Flex)	1
19-23	A11423	Union—Female brass ¾ C x ¾ in. IPS (M. B. Co.)	1
19-24	Comm	Tubing—Copper hard type L ¾ in. .045 wall (Spec. No. WW-T-799)	AR
19-25	1319	Valve—Gate copper ¾ in. (Crane)	1
19-26	A2576	Elbow—90° street C brass ¾ C x ¾ in. fitting (M. B. Co.)	1
19-27	Comm	Tubing—Copper hard type L ¾ in. .045 wall (Spec. No. WW-T-799)	AR
19-28	A4128	Fitting—Tank outlet C brass ¾ x ¾ in. (M. B. Co.)	1
19-29	AN935-416	Washer—Lock	4
19-30		Screw—Cap hex-hd steel cad. plate ¼-28NF-2 x ¾	4
19-31	No Number	Flange—Blind outlet C brass (dwg No. 379-87-6)	2
	AN935-416	Washer—Lock	8
		Screw—Cap hex-hd steel cad. plate ¼-28NF-2 x ¾ in.	8
		PORT AND STARBOARD MANIFOLD PIPING ASSEMBLY	
20		Manifold Piping Assy—Port and starboard	1
20- 1	25003	Filter—Gasoline brass (supplied with main engines) (Puro)	2
20- 2	No Number	Bracket—Manifold brass ⅛ x 4½ x 4 in. (dwg No. 379-68-44) (LM)	2
20- 3	Comm	Bolt—Carriage brass ¼-20 x 3 in.	4
	AN935-416	Washer—Lock	4
	Comm	Nut—Brass ¼-20	4
20- 4	Comm	Screw—RH machine brass ¼-20NC-2 x ½ in.	8
20- 5	AN935-416	Washer—Lock	8
20- 6	A2557	Elbow—90° C brass ¾ C x 1 in. (M. B. Co.)	2

FUEL PIPING SYSTEM

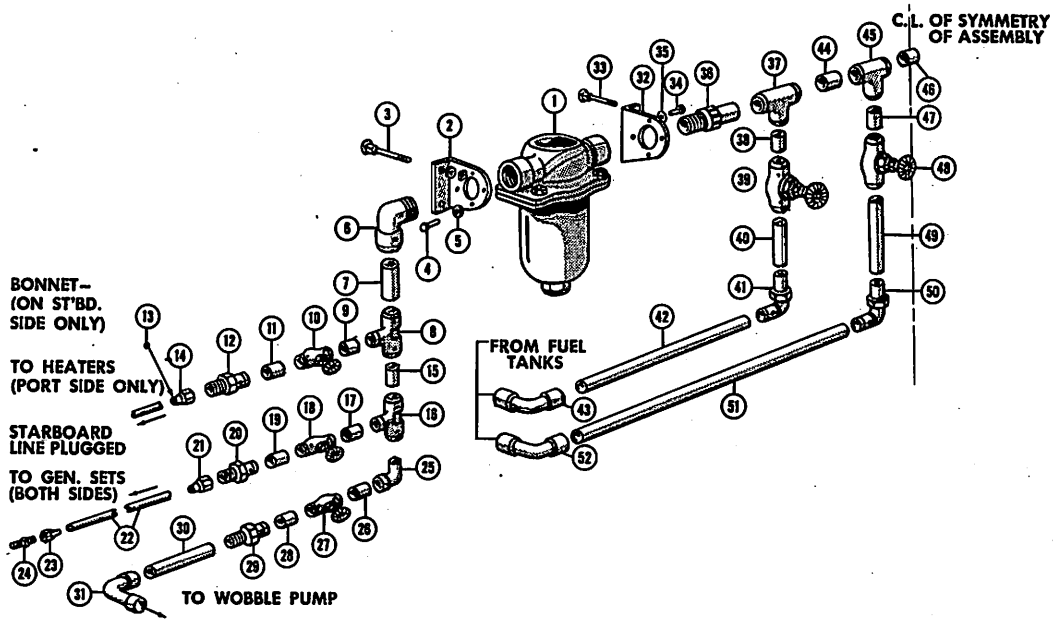


Figure 20—Port and Starboard Manifold Piping Assembly

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY
		PORT AND STARBOARD MANIFOLD PIPING ASSEMBLY (CONT'D)	
20- 7	Comm	Tubing—Copper hard ¾ in. .065 wall (Spec. No. WW-T-799)	AR
20- 8	A2562	Tee—Cast brass ¾ x ¾ x ⅜ in. (M. B. Co.)	2
20- 9	Comm	Tubing—Copper hard type L ⅜ in. .035 wall (Spec. No. WW-T-799)	AR
20-10	1319	Valve—Gate copper ⅜ in. (Crane)	2
20-11	Comm	Tubing—Copper hard type L ⅜ in. .035 wall (Spec. No. WW-T-799)	AR
20-12	A3492	Coupling—Brass ⅜ x ⅜ in. (M. B. Co.)	2
20-13	A414	Bonnet—Flare seal copper ¼ in. (M. B. Co.) (starboard only)	1
20-14	A5140	Nut—Flare tube brass ⅜ x ¼ in.	2
20-15	Comm	Tubing—Copper soft ¼ in. .065 wall (Spec. No. WW-T-799)	AR
20-16	A2562	Tee—Cast brass ¾ x ¾ x ⅜ in. (M. B. Co.)	2
20-17	Comm	Tubing—Copper hard type L ⅜ in. .035 wall (Spec. No. WW-T-799)	AR
20-18	1319	Valve—Gate copper ⅜ in. (Crane)	2
20-19	Comm	Tubing—Copper hard type L ⅜ in. .035 wall (Spec. No. WW-T-799)	AR
20-20	A3492	Coupling—Brass ⅜ x ⅜ in. (M. B. Co.)	2
20-12	A5282	Nut—Flare tube brass ⅜ x 5/16 in. (M. B. Co.)	2
20-22	Comm	Tubing—Copper soft 5/16 in. x .035 wall (Spec. No. WW-T-799)	AR
20-23	A5282	Nut—Flare tube brass ⅜ x 5/16 in. (M. B. Co.)	2
20-24	A5003	Coupling—Half union brass ⅜ x ⅛ in. (M. B. Co.)	2
	A1278	Strap—Copper pipe ⅜ in. (approx 24 in. apart) (M. B. Co.)	AR
	Comm	Screw—RH wood brass No. 7 x ⅝ in.	AR
20-25	A2334	Elbow—90° street W copper ¾ x ¾ in. (M. B. Co.)	2
20-26	Comm	Tubing—Copper hard type L ¾ in. .045 wall (Spec. No. WW-T-799)	AR
20-27	1319	Valve—Gate copper ¾ in. (Crane)	2
20-28	Comm	Tubing—Copper hard type L ¾ in. .045 wall (Spec. No. WW-T-799)	AR
20-29	A11203	Union—Brass ¾ x ¾ in. (M. B. Co.)	2
20-30	Comm	Tubing—Copper hard type L ¾ in. .045 wall (Spec. No. WW-T-799)	AR
20-31	A2034	Elbow—90° wrought copper ¾ C x ¾ C in. (M.B. Co.)	2
20-32	No Number	Bracket—Manifold brass ⅛ x 4½ x 4 in. (dwg No. 379-68-44) (LM)	2
20-33	Comm	Bolt—Carriage brass ¼-20 x 3 in.	4
	AN935-416	Washer—Lock	4
	Comm	Nut—Brass ¼-20 in.	4
20-34	Comm	Screw—RH machine brass ¼-20NC-2 x ½ in.	8
20-35	AN935-416	Washer—Lock	8
20-36	A1555	Coupling—Brass 1 x 1 in. (M. B. Co.)	2
20-37	W4048	Tee—Wrought copper 1 x 1 x 1 in. (M. B. Co.)	2
20-38	Comm	Tubing—Copper soft type L 1 in. .050 wall (Spec. No. WW-T-799)	AR
20-39	1319	Valve—Gate copper 1 in. (fwd wing tank) (Crane)	2
20-40	Comm	Tubing—Copper soft type L 1 in. .050 wall (Spec. No. WW-T-799)	AR
20-41	A11434	Elbow—90° union copper 1 C x 1 C in. (M. B. Co.)	2
20-42	Comm	Tubing—Copper soft type L 1 in .050 wall (Spec. No. WW-T-799)	AR
20-43	W2047	Elbow—90° wrought copper 1 C x 1 C in. (M. B. Co.)	2
20-44	Comm	Tubing—Copper soft type L 1 in. .050 wall (Spec. No. WW-T-799)	AR
20-45	W4048	Tee—Wrought copper 1 x 1 x 1 in. (M. B. Co.)	2
20-46	Comm	Tubing—Copper soft type L 1 in. .050 wall (Spec. No. WW-T-799) (port side only)	AR
20-47	Comm	Tubing—Copper soft type L 1 in. .050 wall (Spec. No. WW-T-799)	AR
20-48	1319	Valve—Gate copper 1 in. (fwd center tank) (Crane)	2
20-49	Comm	Tubing—Copper soft type L 1 in. .050 wall (Spec. No. WW-T-799)	AR
20-50	A11434	Elbow—90° union copper 1 C x 1 C in. (M. B. Co.)	2
20-51	Comm	Tubing—Copper soft type L 1 in. .050 wall (Spec. No. WW-T-799)	AR
20-52	W2047	Elbow—90° wrought copper 1 C x 1 C in. (M. B. Co.)	2

FUEL PIPING SYSTEM

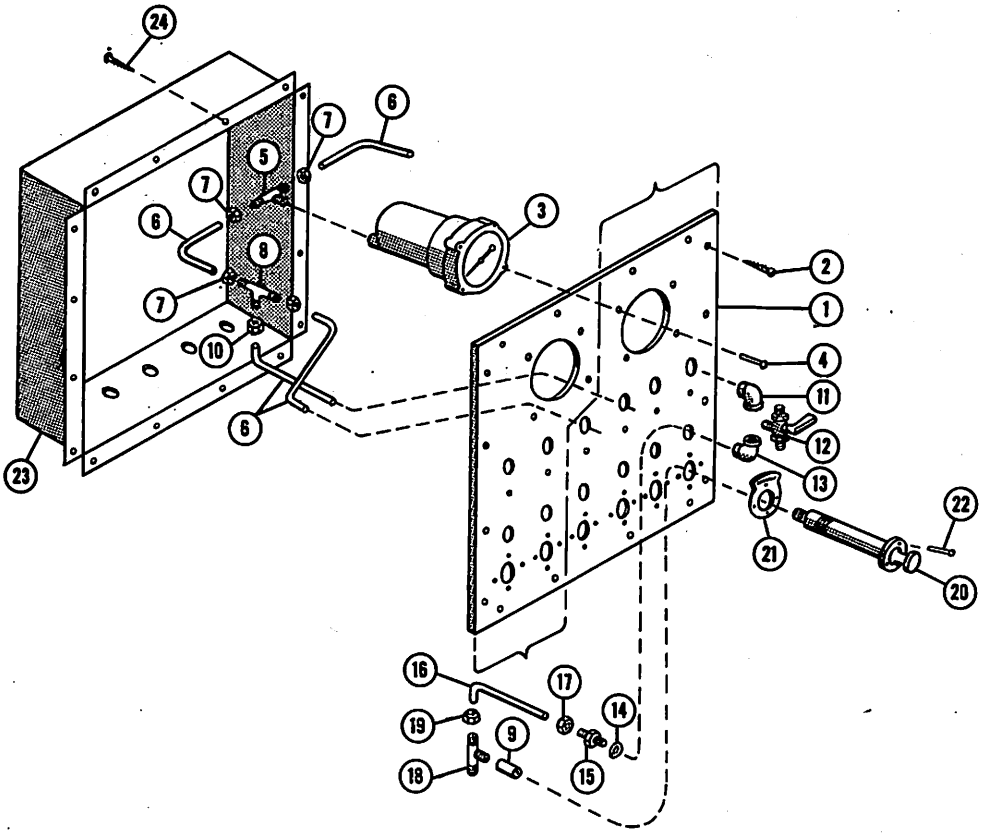


Figure 21—Fuel and Fresh Water Gage Assembly

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY
		FUEL AND FRESH WATER GAGE PANEL ASSEMBLY	
21		Fuel and Fresh Water Gage Panel Assy	1
21- 1	No Number	Panel—Brass 13⅝ x 12¾ in. x 16 gage (dwg. No. 379-67-4)	1
21- 2	Comm	Screw—RH wood brass ¾ in. No. 6	32
21- 3	32000	Gage—Tank levelometer type L (Liquidometer)	1
21- 4	Comm	Screw—RH machine brass 9-32 x ¾ in.	4
	Comm	Washer—Lock bronze #12 x ½ x 1/16 in.	4
	Comm	Nut—Hex brass 9-32	4
21- 5	72F	Tee—Brass ¼ x ¼ x ⅛ in. M pipe compression (Imperial)	1
21- 6	Comm	Tubing—Copper soft ¼ in. OD .065 wall (Spec. No. WW-T-799)	AR
	60F	Sleeve—Tube brass ¼ in. ID (Imperial)	4
21- 7	61F	Nut—Tube brass ¼ in. (Imperial)	4
21- 8	64F	Tee—Tube brass ¼ x ¼ x ¼ in. compression (Imperial)	2
21- 9	Comm	Tubing—Copper soft ¼ in. OD .065 wall (Spec. No. WW-T-799)	AR
	60F	Sleeve—Tube brass ¼ in. ID (Imperial)	8
21-10	61F	Nut—Tube brass ¼ in. (Imperial)	8
	68F	Connector—Brass ¼ comp x ⅛ in. M pipe (Imperial)	4
	Comm	Washer—Brass ⅜ x 1 x 1/16 in.	4
21-11	100B	Elbow—90° brass ⅛ in. (Imperial)	4
21-1	No Number	Valve—Selector brass male ⅛ in. (Weatherhead)	4
21-13	100B	Elbow—90° brass ⅛ in. (Imperial)	4
21-14		Washer—Brass ⅜ x 1 x 1/16 in.	4
21-15	68F	Connector—Brass ¼ comp x ⅛ in. male pipe (Imperial)	4
21-16	Comm	Tubing—Copper soft ¼ in. OD .065 wall (Spec. No. WW-T-799)	AR
	60F	Sleeve—Tube brass ¼ in. ID (Imperial)	8
21-17	61F	Nut—Tube brass ¼ in. (Imperial)	8
21-18	72F	Tee—Brass ¼ C x ¼ C x ⅛ in. male pipe (Imperial)	4
21-19		Coupling—Brass ⅛ in. IPS	4
21-20	31150	Pump—Pressure (Liquidometer)	4
21-21	No Number	Plate—Label brass, port wing fuel (Liquidometer)	1
21	No Number	Plate—Label brass, port center fuel (Liquidometer)	1
21	No Number	Plate—Label brass, starboard wing fuel (Liquidometer)	1
21	No Number	Plate—Label brass, starboard center fuel (Liquidometer)	1
21-22	Comm	Screw—Machine brass 8-24 x ½ in.	16
	Comm	Washer—Flat brass 3/16 in.	16
	Comm	Nut—Hex brass 8-24	16
21-23		Cover—Back steel galv 20 x 21 in. 20 gage	1
21-24	Comm	Screw—RH wood No. 6 x ¾ in.	20

FUEL PIPING SYSTEM

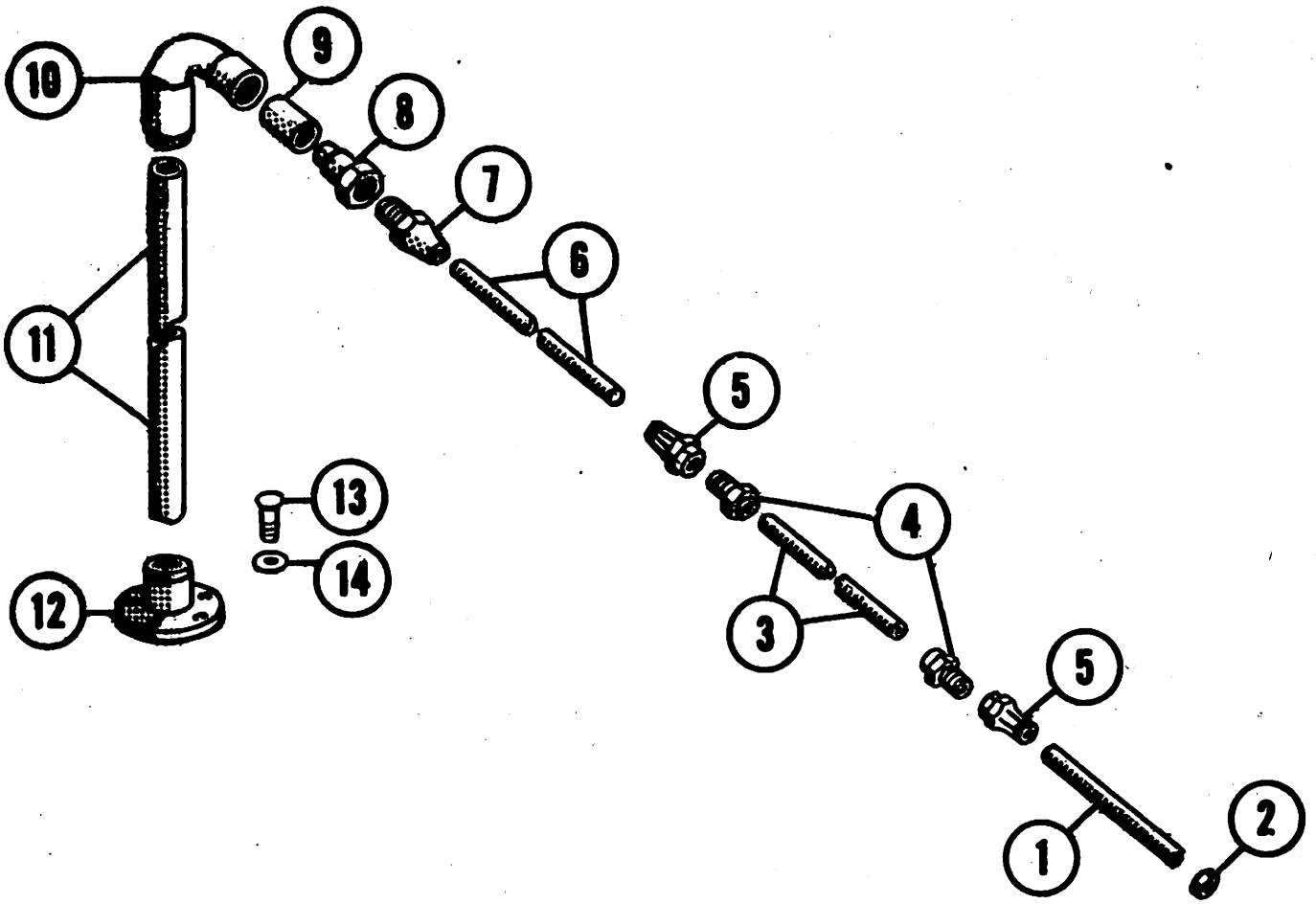


Figure 22—Panel to Tank Fuel Gage Lines and Fittings Assembly

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY
		PANEL TO TANK FUEL GAGE LINES AND FITTINGS ASSEMBLY	
22		Fuel Gage Lines and Fittings Assy—Panel to tank (dwg. No. 379-68)	8
22-1	Comm	Tubing—Copper soft ¼ in. OD .065 wall (Spec. No. WW-T-799)	AR
	60F	Sleeve—Tube brass ¼ in. ID (Imperial)	1
22- 2	61F	Nut—Tube brass ¼ in. (Imperial)	1
22- 3	No Number	Hose—SB flexible metal bronze type 135-5⁵⁄₁₆ ID x 6 in. (T. Flex)	1
22- 4	No Number	Fitting—End male bronze ⅝ T. Flex x ¼ in. IPS (T. Flex)	2
22- 5		Union—Female brass ¼ C x ¼ in	2
22- 6	Comm	Tubing—Copper soft ¼ in. OD .065 wall (Spec. No. WW-T-799)	AR
	60F	Sleeve—Tube brass ¼ in. OD	1
22- 7	A101	Nut—Tube flare brass ¼ in. (M.B. Co.)	1
22- 8	A3431	Coupling—Brass ¼ x ¼ in. (M.B. Co.)	1
22- 9	Comm	Tubing—Copper soft ¼ in. OD .065 wall (Spec. No. WW-T-799)	AR
22-10	A2521	Elbow—90° Cast brass ¼ C x ¼ C in. (M.B. Co.)	1
22-11	Comm	Tubing—Copper hard type L ½ in. .040 wall (Spec. No. WW-T-799)	AR
22-12	A3734	Fitting—Tank gage C brass ½ x ½ in. (M.B. Co.)	1
22-13		Screw—Cap hex-hd steel cad. plate ¼-28NF-2 x ¾ in.	8
22-14	AN935-416	Washer—Lock	8
	A1203	Clamp—Pipe copper ¼ in.	AR
	Comm	Screw—RH wood brass No. 6 x ¾ in.	AR

FUEL PIPING SYSTEM

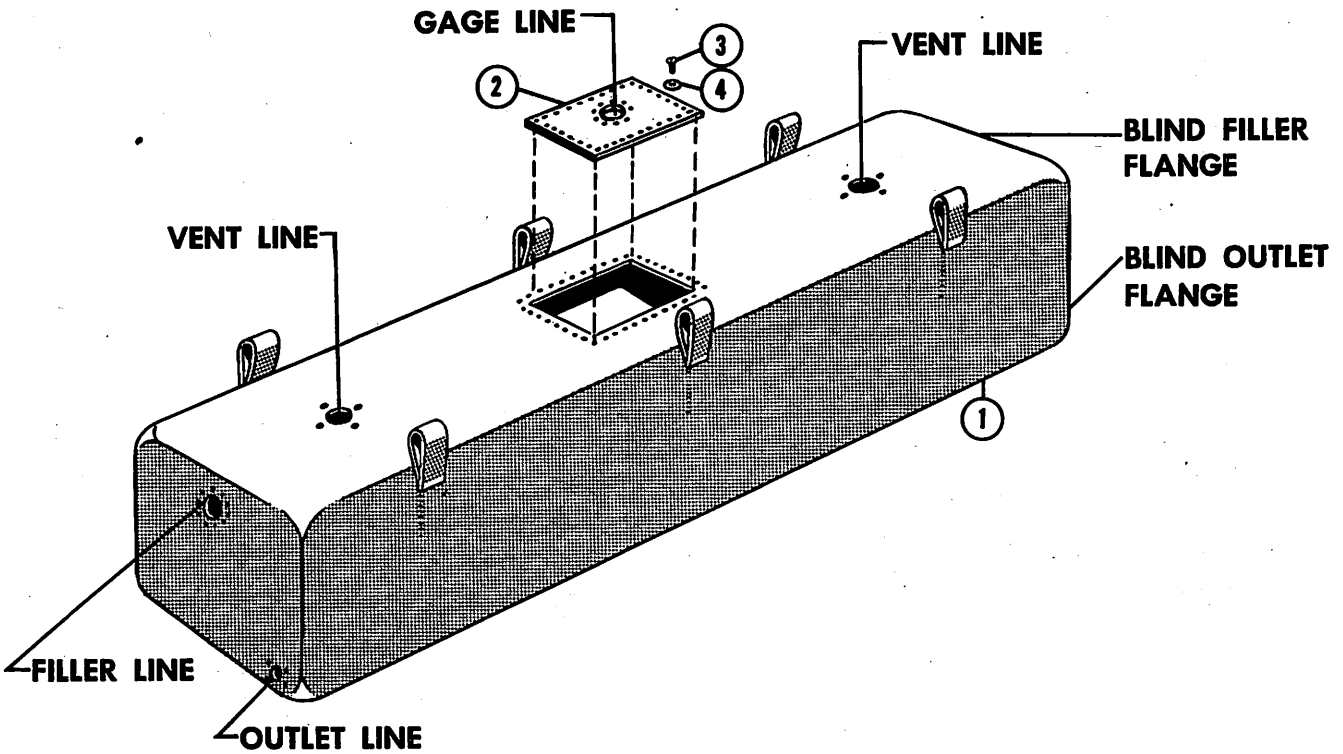


Figure 23—Fuel Tank Assembly

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY
		FUEL, TANK ASSEMBLY	
23	No Number	Fuel Tank Assy—(dwg No. 379-68)	8
23- 1	FCF7022	Tank—Fuel (U. S. Rubber)	1
23- 2	FCC8387	Door—Access (U. S. Rubber)	1
23- 3		Screws—Cap steel cad. plate ¼-28NF-2 x ¾ in.	48
23- 4		Washer—Lock steel ¼ x ⅜ x ⅛ in.	48

MAIN ENGINE LUBRICATING OIL SYSTEM

		LUBRICATING OIL STORAGE TANK AND TANK FILLER ASSEMBLY	
		Main Engine Lubricating Oil System (dwg. No. 379-25)	
		Tank Assy—Lube oil storage (dwg No. 379-25)	2
24- 1	379-25	Tank—Lube oil storage construction	1
24- 2	No Number	Fitting—Filler WI machined from std 2 in. IPS coupling (dwg No. 379-25-5)	1
24- 3		Fitting—Vent copper ⅝ OD x .035 wall x 5 in. long (Spec. No. WW-T-799)	1
24- 4	379-25-7	Fitting—Outlet copper hard type L 1 in. x 1¼	2
24- 5	379-25-8	Hanger—Upper steel	2
24- 6	379-25-9	Hanger—Lower steel	3
24- 7	379-25-10	Plate—Label brass 2⅝ x 7½ in.	1
24		Filler Assy—Lube oil storage tank	2
24-	P985	Plate Assy—Filler 2 in. IPS (Willis)	1
24- 8	379-64-6	Flange—Deck plate filler brass	NP
24- 9		Plate—Deck brass for 2 in. P-985	1
24-10		Screw—FH wood deck plate flange bronze No. 10 x 1 in.	8
24-11		Nipple—Pipe brass 2 IPS x 3 in.	2
24-12	1319	Valve—Gate storage tank drain brass 1 in. (Crane)	2

MAIN ENGINE LUBRICATING OIL SYSTEM

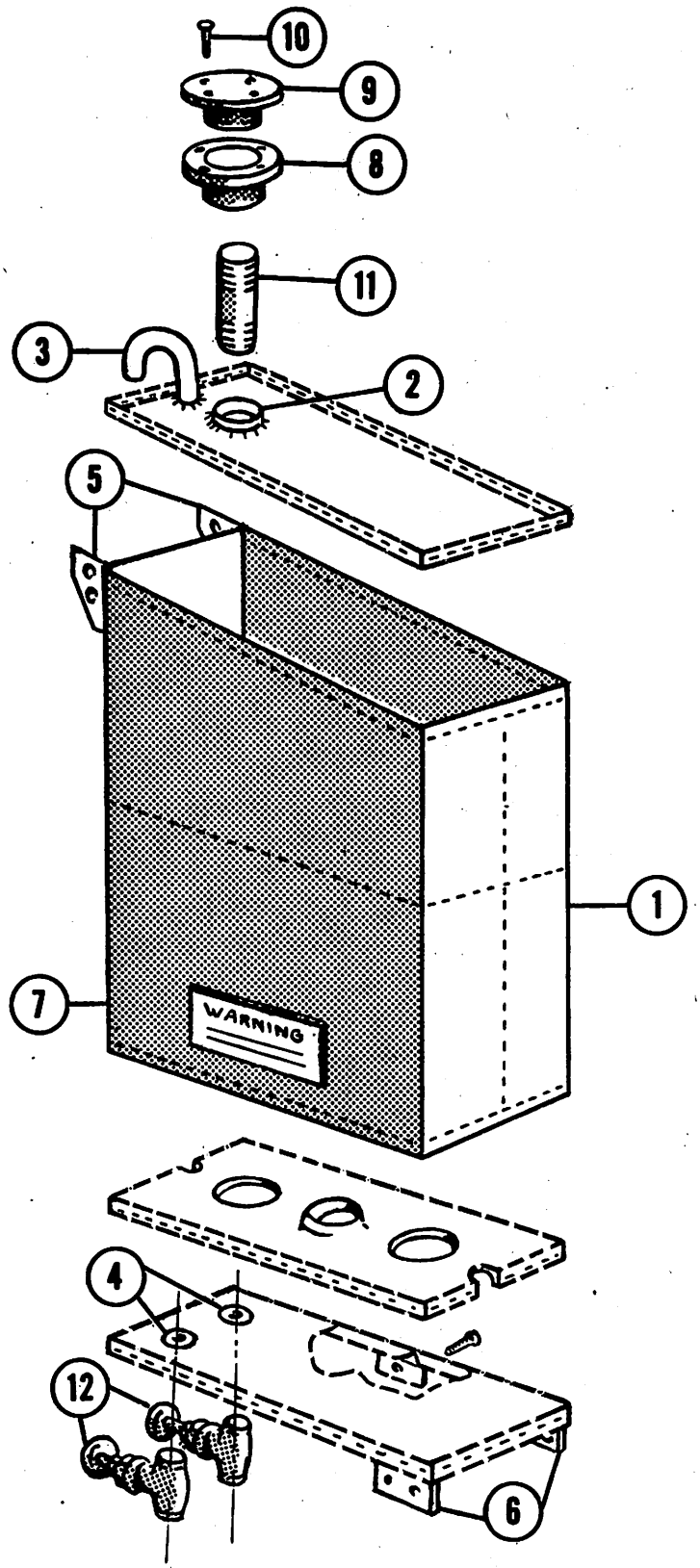


Figure 24—Lubricating Oil Storage Tanks and Tank Filler Assembly

MAIN ENGINE LUBRICATING OIL SYSTEM

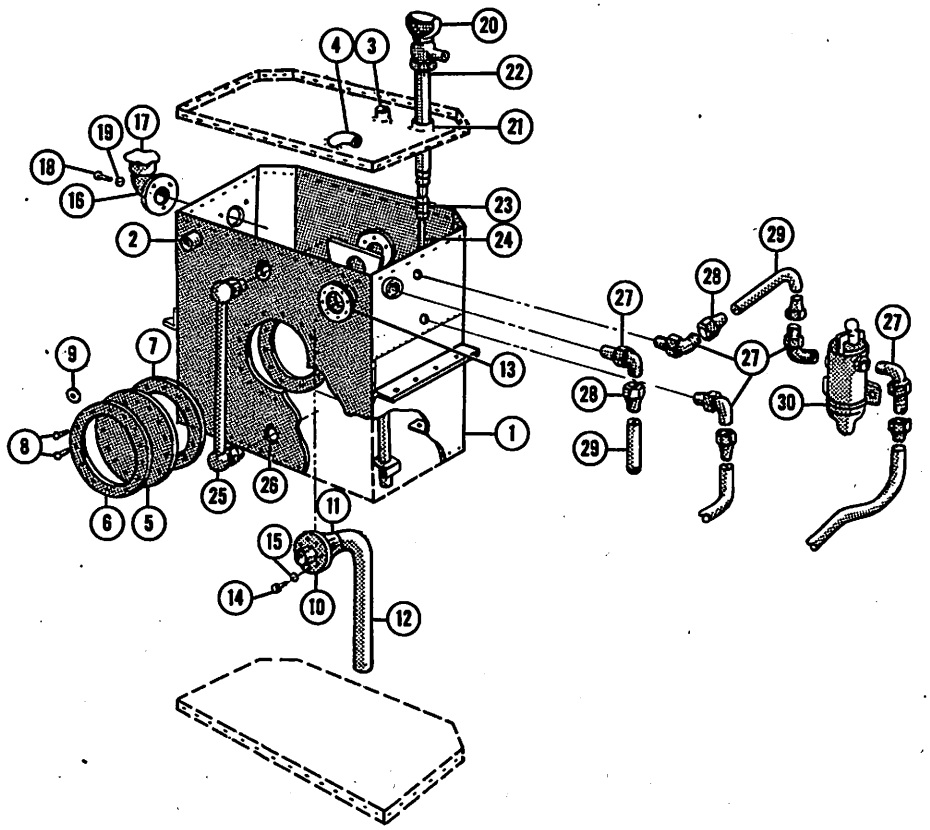


Figure 25—Lubricating Oil Service Tank Assembly

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY
		LUBRICATING OIL SERVICE TANK ASSEMBLY	
25		Tank Assy—Lube oil service (dwg No. 379-61)	2
25-1	379-61	Tank—Lube oil service	1
25- 2	No Number	Nipple—Inlet copper soft ½ OD x .065 x 1¾ in long (dwg No. 379-61-15)	1
25-3	379-6116	Nipple—Filler copper soft type L, 1 OD x 1½ in.	1
25- 4	379-61-17	Nipple—Vent copper soft 1 OD x .065 x 5 in. long	1
25		Inspection Plate Assy (dwg No. 379-61)	1
25- 5	379-61-4	Plate—Inspection steel 10 dia x .049 in. thick	1
25- 6	379-61-6	Flange—Inspection plate outer steel 8 ID x 10 OD x 3/16 in. thick	1
25- 7		Gasket—Inspection plate Vellumoid 8 ID x 4¾ OD x 1/16 in.	1
25- 8		Screw—Cap inspection plate attaching steel ¼-20NC-3 x 11/16 in.	12
25-9	AN935-416	Washer—Lock	12
25		Outlet Assy	1
25-10	379-61-9	Flange—Outlet outer steel 4¾ OD x ¼ in. thick	1
25-11	A1624	Nipple—Outlet cast brass 1½ IPS x 11½ in. (M.B. Co.)	1
25-12		Standpipe—Copper soft type L, 1½ x 26 in long	1
25-13		Gasket—Outlet Vellumoid 3ID x 4¾ OD x 1/16 in thick	1
25-14		Screw—Cap outlet flange attaching steel ¼-20NC-3 x 11/16 in.	6
25-15	AN935-416	Washer—Lock	6
		Filler Assy (dwg No. 379-61)	1
25-16	379-61-18	Elbow—Filler cast bronze	1
25-17	P1407	Cap—Filler (Willis)	1
25-18		Screw—Machine brass ¼-20NC x ½	3
25-19		Nut—Brass ¼-20NC	3
25	379-61-24	Scavenge Pump Assy	1
25-20	5383	Pump—Scavenge brass (W-C)	1
25-21		Coupling—Half, scavenge pump mounting WI 1¼ IPS x ⅝ in.	1
25-22		Bushing—OS hex, scavenge pump mounting brass 1¼ IPS x ¾ IPS in.	1
25-23	A2260	Coupling—Scavenge pump C brass ⅝ x ⅝ in. (M.B. Co.)	1
25-24		Extension—Scavenge pump cooper soft type L ½ x 7¾ in. .040 wall (Spec. No. WW-T-799)	1
25		Sight Gage Assy	1
25-25	622	Gage—Sight (Crane)	1
25-26		Coupling—Half sight gage mounting WI ½ IPS x ½ in.	2
25		Clutch Control Fittings Assy	1
25-27		Elbow—Half union brass ½ flare x ⅜ in. IPS	5
25-28		Nut—Flare brass ½ in.	5
25-29	Comm	Tubing—Copper soft ½ OD x .035 in. (Spec. No. WW-T-799)	AR
25-30	No Number	Strainer—Oil bronze (Perko Fig. 299)	2

MAIN ENGINE LUBRICATING OIL SYSTEM

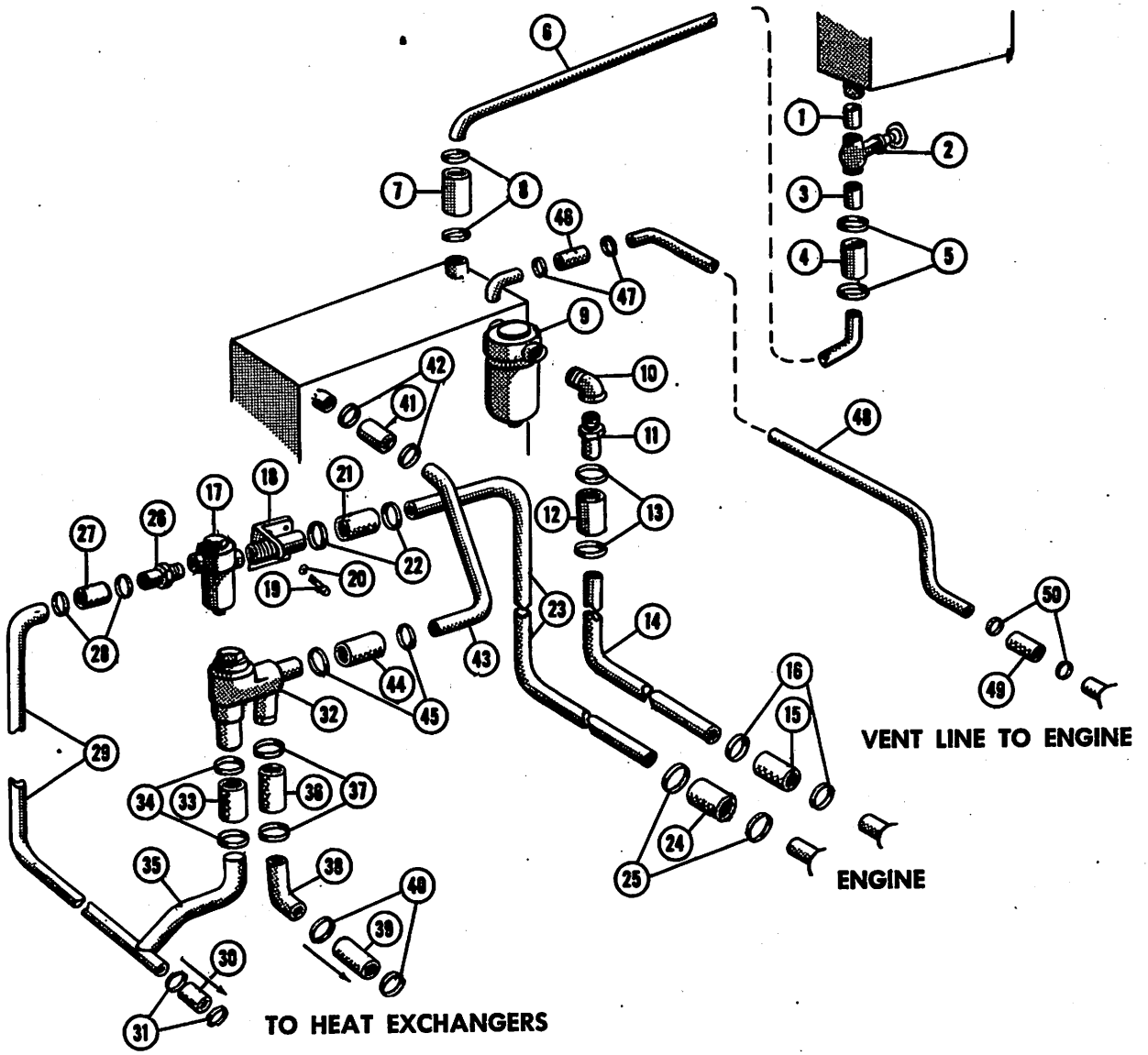


Figure 26—Lubricating Oil Piping Assemblies

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY
		LUBRICATING OIL PIPING ASSEMBLIES	
26		Lubricating Oil Piping Assys (dwg No. 379-64)	2
26		Storage to Service Tank Transfer Assy	1
26- 1	Comm	Tubing—Copper soft type L 1 in. .050 wall (Spec. No. WW-T-799)	AR
26- 2	1319	Valve—Gate brass 1 in. (Crane)	1
26- 3	Comm	Tubing—Copper soft type L 1 in. 050 wall (Spec. No. WW-T-799)	AR
26-4	No Number	Hose—Rubber 5-ply 1⅛ ID x 3 in. (Spec. No. 3748) (Goodyear)	1
26- 5	AN48-56	Clamp—Hose SS	2
26- 6	Comm	Tubing—Copper soft type L 1 in .050 wall (Spec. No. WW-T-799)	AR
26- 7	No Number	Hose—Rubber 5-ply 1 ID x 2 in. (Spec. No. 3748) (Goodyear)	1
26- 8	AN748-56	Clamp—Hose SS	2
26		Strainer to Main Engine Assy (dwg No. 379-64)	1
26- 9	61819	Strainer (Packard)	1
26-10	No Number	Elbow—Street 90° brass 1½ in. IPS	1
26-11	379-64-11	Adapter—Hose WI 1¼ IPS to 1¼ ID in hose	1
26-12	No Number	Hose—Rubber 5-ply 1¼ ID x 3 in. (Spec. No. 3748) (Goodyear)	1
26-13	AN748-74	Clamp—Hose SS	2
26-14	Comm	Tubing—Copper soft 1¼ OD x .065 x 2 ft. 6 in. length (Spec. No. WW-T-799)	AR
26-15	No Number	Hose—Rubber 5-ply 1¼ ID x 3 in. (Spec. No. 3748) (Goodyear)	1
26-16	AN748-74	Clamp—Hose SS	2
26		Filter to Main Engine Assy (dwg No. 379-64)	1
26-17	61533	Filter (Packard)	1

MAIN ENGINE LUBRICATING OIL SYSTEM

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY
		LUBRICATING OIL PIPING ASSEMBLIES (CONT'D)	
26-18	379-64-10	Adapter—Hose WI 1½ IPS to 1½ ID in. hose	1
	No Number	Bracket—Filter mounting angle steel 2½ x 1½ x ¼ in. std 2½ in. length (dwg No. 379-64-12)	1
26-19		Screw—Cap bracket attaching steel ¼-20NC x ¾ in. length	4
26-20	AN935-616	Washer—Lock	4
26-21	No Number	Hose—Rubber 5-ply 1½ ID x 3 in. (Spec. No. 3748) (Goodyear)	1
26-22	AN748-66	Clamp—Hose SS	2
26-23	Comm	Tubing—Copper soft 1½ OD x .065 wall x 6 ft. length (Spec. No. WW-T-799)	AR
26-24 *	No Number	Hose—Rubber 5-Ply 1½ ID x 3 in. (Spec. No. 3748) (Goodyear)	1
26-25	AN748-66	Clamp—Hose SS	2
		Filter to Heat Exchanger Assy (dwg No. 379-64)	1
26-26	379-64-10	Adapter—Hose WI 1½ IPS to 1½ ID in. hose	1
26-27	No Number	Hose—Rubber 5-ply 1½ ID x 3 in. (Spec. No. 3748) (Goodyear)	1
26-28	AN748-66	Clamp-Hose SS	2
26-29	Comm	Tubing—Copper soft 1½ OD in. x .065 wall (Spec. No. WW-T-799)	AR
26-30	No Number	Hose—Rubber 5-ply 1½ ID x 3 in. (Spec. No. 3748) (Goodyear)	1
26-31	AN748-66	Clamp—Hose SS	2
26		Thermostat to Filter Heat Exchanger Line Assy (dwg No. 379-64)	1
26-32	A62062	Thermostat (Packard)	1
26-33	No Number	Hose—Rubber 5-ply 1½ ID x 3 in. (Spec. No. 3748) (Goodyear)	1
26-34	AN748-66	Clamp—Hose SS	2
26-35	Comm	Tubing—Copper soft 1½ OD x .065 in. wall (Spec. No. WW-T-799)	AR
26		Thermostat to Heat Exchanger Assy (dwg No. 379-64)	1
26-36	No Number	Hose—Rubber 5-ply 1½ ID x 3 in. (Spec. No. 3748) (Goodyear)	1
26-37	AN748-66	Clamp—Hose SS	2
26-38	Comm	Tubing—Cooper soft 1½ OD x .065 in. wall (Spec. No. WW-T-799)	AR
26-39	No Number	Hose—Rubber 5-ply 1½ ID x 3 in. (Spec. No. 3748) (Goodyear)	1
26-40	AN748-66	Clamp—Hose SS	2
		Service Tank to Thermostat Assy (dwg No. 379-64)	1
26-41	No Number	Hose—Rubber 5-ply 1½ ID x 3 in. (Spec. No. 3748) (Goodyear)	1
26-42	AN748-66	Clamp—Hose SS	2
26-43	Comm	Tubing—Copper soft 1½ OD x .065 in. wall (Spec. No. WW-T-799)	AR
26-44	No Number	Hose—Rubber 5-ply 1½ ID x 3 in. (Spec. No. 3748) (Goodyear)	1
26-45	AN748-66	Clamp—Hose SS	2
		Vent Line Assy (dwg No. 379-64)	1
26-46	No Number	Hose—Rubber 5-ply 1½ ID x 2 in. (Spec. No. 3748) (Goodyear)	1
26-47	AN748-66	Clamp—Hose SS	2
26-48	Comm	Tubing—Copper soft 1 in. OD x .065 in. wall (Spec. No. WW-T-799)	AR
26-49	No Number	Hose—Rubber 5-ply 1 in. ID x 2 in. (Spec. No. 3748) (Goodyear)	1
26-50	AN748-66	Clamp—Hose SS	2

MAIN ENGINE FRESH WATER SYSTEM

27		(a)	Fresh Water Pump Inlet Line Assy (dwg No. 379-63)	2
27- 1	*AN748		Clamp—Hose SS	1
27- 2	No Number		Hose—Rubber 3¼ ID x 3 ft length 5-ply (Spec. No. 3743) (Goodyear)	1
27- 3	*AN748		Clamp—Hose SS	1
27- 4	Comm		Tubing—Copper soft ¾ in. OD x .065 wall 5 ft or 3 ft (Spec. No. WW-T-799)	AR
27- 5	*AN748		Clamp—Hose SS	1
27- 6	No Number		Hose—Rubber 3¼ ID in. x 3 ft length 5-ply (Spec. No. 3748) (Goodyear)	1
27- 7	*AN748		Clamp—Hose SS	1
27	379-68		Bypass Fitting Assy	2
27- 8	Comm		Tubing—Copper soft type L ⅞ OD in. .045 wall (Spec. No. WW-T-799)	AR
27- 9	*AN748		Clamp—Hose SS	1
27-10	No Number		Hose—Rubber ⅞ ID x 2 in. length 5-ply (Spec. No. 3748) (Goodyear)	1
27-11	*AN748		Clamp—Hose SS	1
27-12	Comm		Tubing—Copper soft type L ⅞ OD in. .045 wall (Spec. No. WW-T-799)	AR
27-13	*AN748		Clamp—Hose SS	1
27-14	No Number		Hose—Rubber ⅞ ID x 2 in. 5-ply (Spec. No. 3848) (Goodyear)	1
27-15	*AN748		Clamp—Hose SS	1
27		(a)	Heat Exchanger to Thermostat Assy (dwg No. 379-63)	2
27-16	*AN748		Clamp—Hose SS	1
27-17	No Number		Hose—Rubber 3¼ ID in. x 3 in. length 5-ply (Spec. No. 3748) (Goodyear)	1
27-18	*AN748		Clamp—Hose SS	1
27-19	Comm		Tubing—Copper soft type L 2½ in. OD x .065 wall length (Spec. No. WW-T-799)	AR
27-20	*AN748		Clamp—Hose SS	1
27-21	No Number		Hose—Rubber 2½ ID x 3 in. length 5-ply (Spec. No. 3748) (Goodyear)	1
27-22	*AN748		Clamp—Hose SS	1
27-23	No Number		Bracket—Thermostat steel galv 1 LH and 1 RH (dwg No. 379-63-3)	1
27-24	A61748		Thermostat—Fresh water 1 LH and 1 RH (Packard)	1
27	379-63		Thermostat to Engine Assy	2
27-25	*AN748		Clamp—Hose SS	1
27-26	No Number		Hose—Rubber 3¼ ID x 3 in. 5-ply (Spec. No. 3748) (Goodyear)	1
27-27	*AN748		Clamp—Hose SS	1
27-28	Comm		Tubing—Copper soft 3¼ OD in. x .065 wall (Spec. No. WW-T-799)	AR
27-29	*AN748		Clamp—Hose SS	5
27-30	Comm		Tubing—Copper soft 2 in. OD x .065 wall (Spec. No. WW-T-799)	AR
27-31	*AN748		Clamp—Hose SS	1
27-32	No Number		Hose—Rubber 2 ID x 3 in. 5-ply (Spec. No. 3748) (Goodyear)	1
27-33	*AN748		Clamp—Hose SS	1
27-34	Comm		Tubing—Copper soft 2 in. OD x .065 wall (Spec. No. WW-T-799)	AR
27-35	*AN748		Clamp—Hose SS	1
27-36	No Number		Hose—Rubber 2 ID x 3 in. length 5-ply (Spec. No. 3748) (Goodyear)	1
27-37	*AN748		Clamp—Hose SS	1

(a) *Nonprocurable.*
* *Size to be specified when ordering.*

MAIN ENGINE FRESH WATER SYSTEM

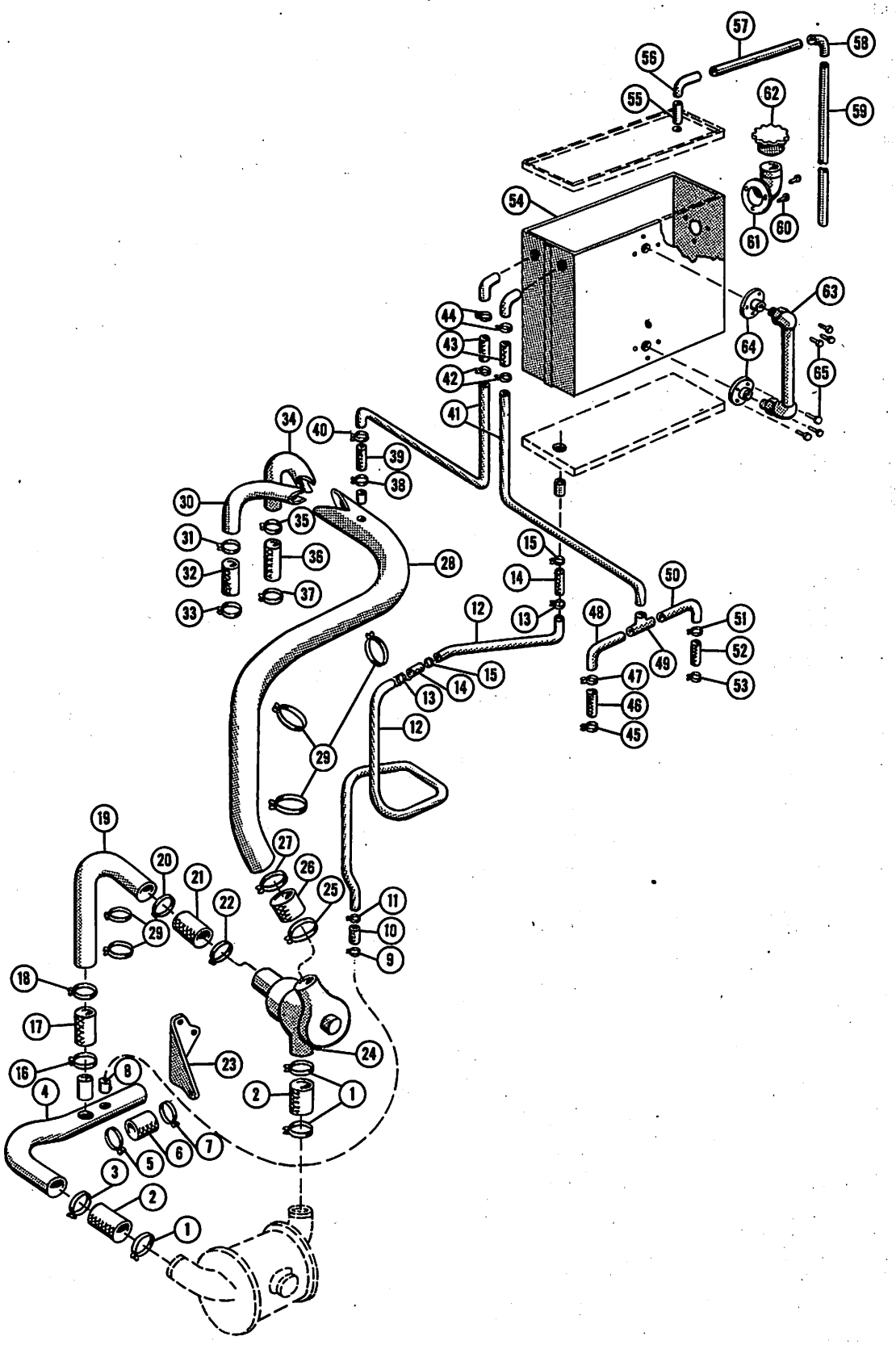


Figure 27—Main Engine Fresh Water System

MAIN ENGINE FRESH WATER SYSTEM

FIGURE & INDEX NUMBER	PART NUMBER		1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY
27	379-68		Vent Line Assy—Fresh water outlet	2
27-38	*AN748		Clamp—Hose SS	1
27-39	No Number		Hose—Rubber 7/8 ID x 2 in. length 5-ply (Spec. No. 3748) (Goodyear)	1
27-40	*AN748		Clamp—Hose SS	1
27-41	Comm		Tubing—Copper soft type L 7/8 OD in. x .045 wall (Spec. No. WW-T-799)	AR
27-42	*AN748		Clamp—Hose SS	1
27-43	No Number		Hose—Rubber 7/8 ID x 2 in. length 5-ply (Spec. No. 3748) (Goodyear)	1
27-44	*AN748		Clamp—Hose SS	1
27	379-63		Vent Line Assy—Steam vent connection	2
27-45	*AN748		Clamp—Hose SS	1
27-46	No Number		Hose—Rubber 7/8 ID x 2 in. length 4-ply (Spec. No. 3748) (Goodyear)	1
27-47	*AN748		Clamp—Hose SS	1
27-48	Comm		Tubing—Copper soft type L 7/8 in. OD .045 wall (Spec. No. WW-T-799)	AR
27-49	W-4031		Tee—Tube wrought copper (M. B. Co.)	1
27-50	Comm		Tubing—Copper soft type L 7/8 in. OD x 16 ft length .045 wall (Spec. No. WW-T-799)	1
27-51	*AN748		Clamp—Hose SS	1
27-52	No Number		Hose—Rubber 7/8 ID x 2 in. 4-ply (Spec. No. 3748) (Goodyear)	1
27-53	*AN748		Clamp—Hose SS	1
27		(a)	Expansion Tank Assy—Fresh water tank	2
27-54	374-65		Tank—Fresh water 7 U.S. gal capacity, 2 gal allowed for expansion	1
27-55	Comm	**	Tubing—Copper type K 1/2 in. .049 wall (Spec. No. WW-T-799)	AR
27-56	1607-2-2		Elbow—Copper 1/2 in. (Ana)	1
27-57	Comm		Tubing—Copper type K 1/2 in. .049 wall (Spec. No. WW-T-799)	AR
27-58	1607-2-2		Elbow—Copper 1/2 in. (Ana)	1
27-59	Comm		Tubing—Copper type K 1/2 in. .049 wall (Spec. No. WW-T-799)	AR
27-60			Screw—FH machine brass 1/4-20NC x 1/2 in.	3
27-61			Elbow—Filler bronze cast 1 1/2 in. x 11 1/2 NPT	1
27-62	P1407		Cap—Filler brass (Willis)	1
27-63	623		Gage—Sight composition std length (Crane)	1
27-64	No Number		Flange—Floor gage brass round 1/2 in. (Crane)	2
27-65			Screw—FH machine brass 1/4-20NC-2 x 1/2 in.	8
			Nut—Brass 1/4-20NC	8
			Screw—FH wood steel galv 1 1/4 in. x No. 10	5
			Screw—FH wood steel galv 2 in. x No. 14	5
			Bonding Strip Assy	2
	Comm		Strip—Bonding copper 20 gage x 1/2 in. (Spec. No. QQ-C-501)	AR
	Comm		Screw—RH machine brass No. 8-32 x 3/8 in.	4
	Comm		Nut—Brass 3/8 in.	4
	Comm		Screw—RH machine brass No. 8-32 in. length to suit	4

MAIN ENGINE SALT WATER SYSTEM

28			Main Engine Salt Water System (dwg No. 379-91)	NP
28		(a)	Inlet Scoop Assy	2
28- 1	379-91-5		Strainer—Inlet scoop manganese bronze cast	1
28- 2	379-91-6		Scoop—Inlet manganese bronze cast	1
28- 3	Comm		Bolt—FH silicon bronze 1/4-20NC-3 x 2 in. long	6
28- 4	379-91-19		Ring—Washer bronze cast 1/4 in.	1
28- 5	Comm		Screw—FH machine silicon bronze 1/4-20NC-3 x 7/16 in. long	3
28- 6	432		Valve—Quick acting gate brass 2 1/2 in. IPS (Crane)	1
28- 7	Comm		Nipple—Hose brass 2 1/2 in. IPS	1
28- 8	*AN748		Clamp—Hose SS, 15, 12 or 10 in.	1
28- 9	No Number		Hose—Rubber 2 3/4 ID x 3 in. length 2-ply (Spec. No. 3748) (Goodyear)	1
28-10	*AN748		Clamp—Hose SS, 15, 12, or 10 in.	1
28-11	No Number		Elbow—Inlet manganese bronze cast (dwg No. 379-91-3)	1
28-12	*AN748		Clamp—Hose SS, 15, 12, or 10 in.	1
28-13	No Number		Hose—Rubber 2 3/4 ID x 3 in. length 5-ply (Spec. No. 3748) (Goodyear)	1
28-14	*AN748		Clamp—Hose SS, 15, 12, or 10 in.	1
28-15	A61530		Exchanger—FW heat (Packard)	1
28-16	Comm		Screw—FH wood silicon bronze attaching 1 1/4 in. No. 12	14
28		(a)	Heat Exchanger Connection Assy (dwg No. 379-91)	2
28-17	*AN748		Clamp—Hose SS, 15, 12, or 10 in.	1
28-18	No Number		Hose—Rubber 3 3/4 ID x 3 in. length 4-ply (Spec. No. 3748) (Goodyear)	1
28-19	*AN748		Clamp—Hose SS, 15, 12, or 10 in.	1
28-20	Comm		Tubing—Copper 3 3/4 OD x 5 3/4 in. length .065 wall (Spec. No. WW-T-799)	1
28-21	*AN748		Clamp—Hose SS, 15, 12, or 10 in.	1
28-22	No Number		Hose—Rubber 3 3/4 ID x 3 in. length 5-ply (Spec. No. 3748) (Goodyear)	1
28-23	*AN748		Clamp—Hose SS, 15, 12, or 10 in.	1
28		(a)	Outlet Scoop Assy (dwg No. 379-91)	2
28-24	A62586		Exchanger—Oil heat (Packard)	1
28-25	*AN748		Clamp—Hose SS, 15, 12, or 10 in.	1
28-26	No Number		Hose—Rubber 3 3/4 ID x 3 in. length 4-ply (Spec. No. 3748) (Goodyear)	1
28-27	*AN748		Clamp—Hose SS, 15, 12, or 10 in.	1
28-28	379-91-4		Elbow—Outlet manganese bronze cast	1
28-29	*AN748		Clamp—Hose SS, 15, 12, or 10 in.	1
28-30	No Number		Hose—Rubber 2 3/4 ID x 3 in. 5-ply (Spec. No. 3748) (Goodyear)	1
28-31	*AN748		Clamp—Hose SS, 15, 12, or 10 in.	1
28-32	Comm		Nipple—Hose brass 2 1/2 in. IPS	1
28-33	432		Valve—Quick acting gate brass 2 1/2 in. IPS (Crane)	1
28-34	379-91-7		Scoop—Outlet manganese bronze cast	1
28-35	379-91-19		Ring—Washer bronze cast	1
28-36			Bolt—FH silicon bronze 1/4-20NC-3 x 2 in. length	6

(a) *Nonprocurable.*
* *Size to be specified when ordering.*
** *See dwg No. 379-65.*

MAIN ENGINE SALT WATER SYSTEM

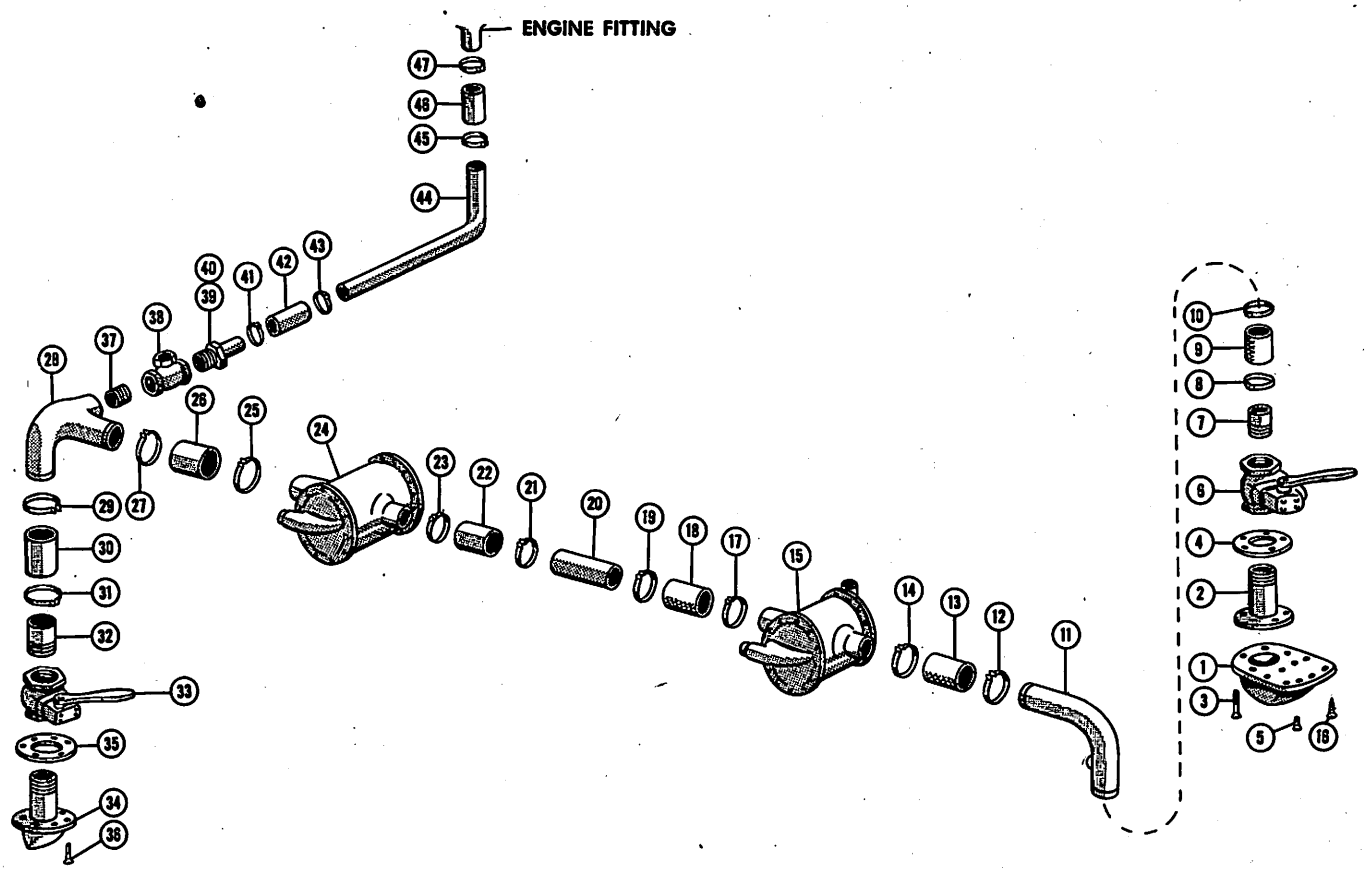


Figure 28—Main Engine Salt Water System

FIGURE & INDEX NUMBER	PART NUMBER		1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY
		(a)	Mounting Assy—Heat exchanger (dwg No. 379-91)	2
	No Number		Foundation—Heat exchanger fir plywood 1 x 12 x 17 in. (dwg No. 379-91-20) (LM)	2
	Comm		Bolt—Carriage steel galv ½-13NC-3 x 2 in. length	8
	AN960B816		Washer—Lock ½ in.	8
	Comm		Nut—Steel galv ½-13NC-3	8
	Comm		Screw—FH wood steel galv 2½ in. No. 14	8
		(a)	Bonding Strip Assy (dwg No. 379-91)	1
	Comm		Strip—Bonding copper ½ in. x 7 ft x 20 gage (Spec. No. QQ-C-501)	1
	Comm		Screw—RH machine brass No. 8-32 (specify length when ordering)	16
	Comm		Screw—RH machine brass No. 8-32 x ⅜ in. long	16
	Comm		Nut—Brass No. 8-32	16
28		(a)	Outlet to Salt Water Pump Assy (dwg No. 379-91)	2
28-37	Comm		Nipple—Close brass 2 IPS x 2 in.	1
28-38	34		Valve—Check brass 2 in. IPS (Crane)	1
28-39	Comm		Bushing—Hex brass 2 in. IPS	1
28-40	Comm		Nipple—Tube copper 2 OD x 2¼ x .065 in. wall	1
28-41	*AN748		Clamp—Hose SS, 15, 12, or 10 in.	1
28-42	No Number		Hose—Rubber 2 ID x 3 in. 5-ply (Spec. No. 3748) (LM)	1
28-43	*AN748		Clamp—Hose SS, 15, 12, or 10 in.	1
28-44	Comm		Tubing—Copper 2 OD in. x .065 wall (Spec. No. WW-T-799)	AR
28-45	*AN748		Clamp—Hose SS, 15, 12, or 10 in.	1
28-46	No Number	(b)	Hose—Rubber 2 ID x 4-ply (Spec. No. 3748) (Goodyear)	1
28-47	*AN748		Clamp—Hose SS, 15, 12, or 10 in.	1

(a) *Nonprocurable.*
(b) *Hose leading from outlet elbow to salt water pump varies in length port and starboard sides but otherwise systems are completely symmetrical.*
* *Size to be specified when ordering.*

ANGLE DRIVE SYSTEM

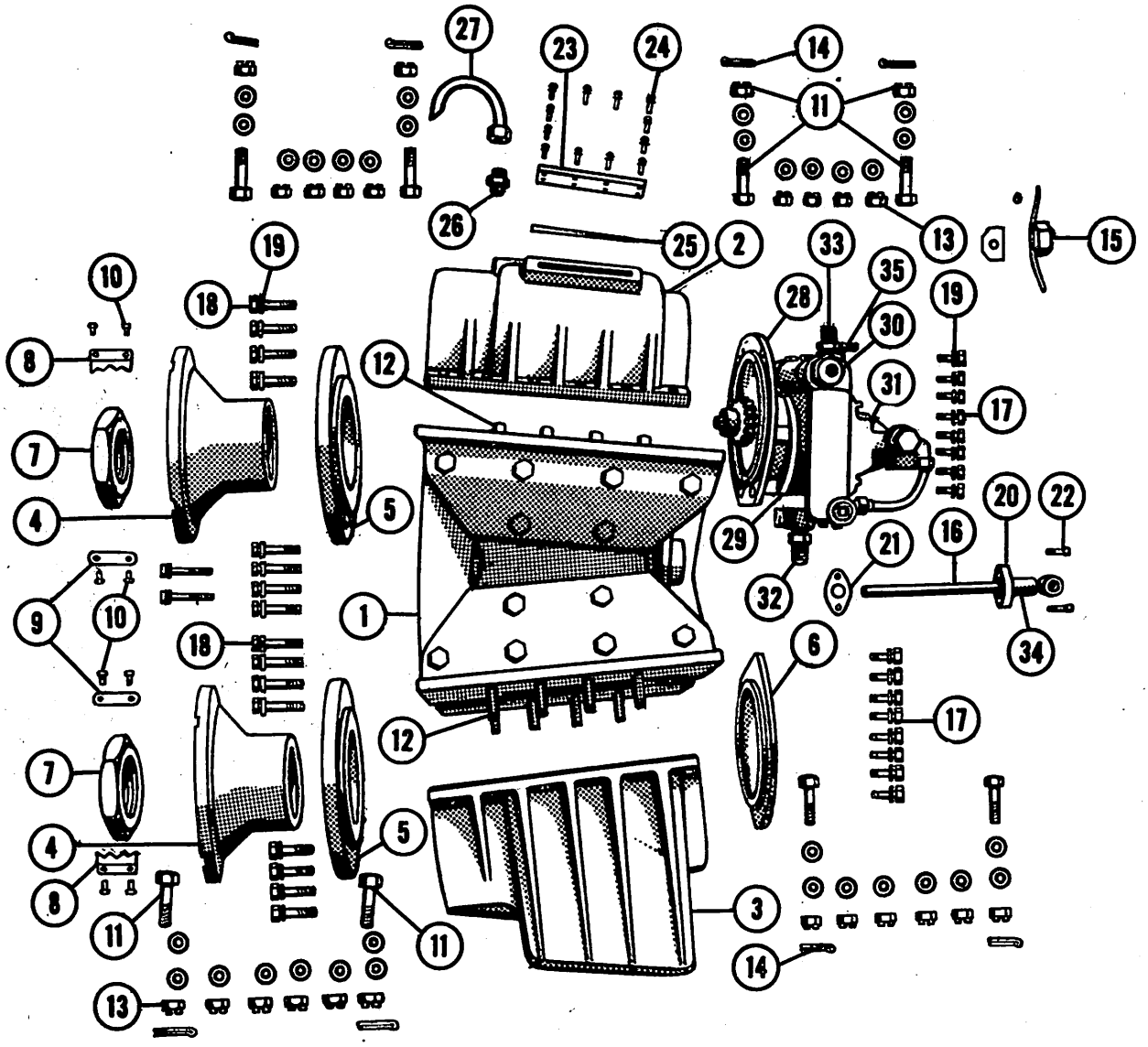


Figure 28A—Exploded View of Angle Drive System

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY
		ARMY VEE DRIVE GEAR ASSEMBLY	
		Angle Drive System (dwg No. 379-62)	NP
	L20800E	Army Vee Drive Gear Assy (Watson)	2
28A- 1	23119D	Housing—Main section (Watson)	1
28A- 2	23118D	Housing—Top section (Watson)	1
28A- 3	23120D	Housing—Bottom section (Watson)	1
28A		Ferrules—Steel 9/16 in. OD 18NF-3 tap 3/8-24NF-3 (Watson)	32
28B- 1	23127B	Shaft—Pinion (Watson)	1
28C- 1	23108B	Shaft—Gear (Watson)	1
28B- 2	22985B	Pinion—Spiral bevel (Watson)	1
28C- 2	22968B	Gear—Spiral bevel (Watson)	1
28B & C- 3	7217DT-DB	Ball-bearing Set—3 (MRC)	2
28B & C- 4	R365	Roller Bearing—(Norma-Hoffman)	2
28B & C- 5	21760B	Retainer—Ball bearing (Watson)	2
28B & C- 6	21765B	Retainer—Roller bearing (Watson)	2
28C- 7	23212A	Bolt—Fitted for mtg gear (Watson)	8
28B & C-7 & 8	23211A	Ring—Snap (Watson)	2
28C- 9		Nut—Castle steel 1/2-20	8
28C-10		Pin—Cotter carbon steel 1/8 x 1 1/8 in.	8
		Plug—Welch 1 15/16 x .083 in.	2
28B- 8	23213A	Key—For mounting pinion (Watson)	1
28A- 4	21080B	Flange—Shaft (Watson)	2

ANGLE DRIVE SYSTEM

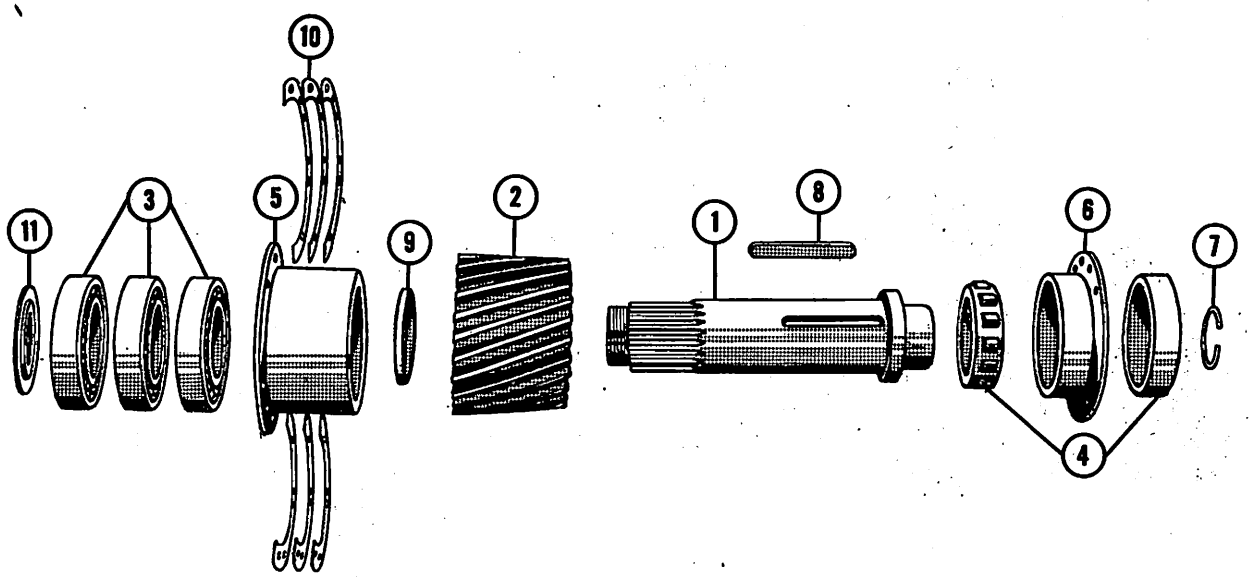


Figure 28B—Exploded View of Angle Drive Pinion Shaft Assembly

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY
		ARMY VEE DRIVE GEAR ASSEMBLY (CONT'D)	
28A- 5	X-872	Casing—Oil seal (Watson)	2
28B- 9	23214A	Spacer—Ball bearing (Watson)	1
28A- 6	26539A	Cover—Front (Watson)	1
28B & C-10 & 11	23215A	Set—Split shims (Watson)	2 sets
	61125	Seal—Oil (Victor)	2
28B & C-11 & 12	Y4174	Slinger—Oil (Watson)	2
28A- 7	Y4175	Nut—Flange hex (Watson)	2
28A- 8	Y4178	Plate—Locking (Watson)	2
28A- 9	23617A	Counterweight	2
28A-10	23216A	Screw—Fil-hd cap (Watson)	12
	Comm	Wire—Locking .050 in. SS	AR
28A-11	23217A	Bolt—Body fit (Watson)	8
28A-12	Y4191	Stud—(Watson)	16
28A-13	AN330-8	Nut—Castle ½-20	24
28A-14		Pin—Cotter 5/32 x 1½ SS	8
28A-15	23218A	Block—Lubricator (Watson)	1
28A-15	23219A	Stiffeners—Lubricator (Watson)	1
28A-15	20572A	Tube—Lubricator (Watson)	1
28A-15	23220A	Tube—Lubricator (Watson)	1
28A-16	23221A	Tube—Pressure nozzle (Watson)	1
28A-17	23222A	Bolt—(Watson)	16
28A-18	23223A	Bolt—(Watson)	16
28A-19		Washer—7/8 x 23/64 x 1/16 in. steel	24
	23224A	Flange—Scavenger tube (Watson)	1
		Gasket—Flange (Watson)	2
		Screw—Cap 5/16-18 x 1 steel	2
28A-20	23226A	Flange—Pressure tube (Watson)	1
28A-21		Gasket—Flange .050 in. Velutex	1
28A-22		Screw—Allen head cap steel ¼-20 x ¾	2
28A-23		Washer—Steel 5/8 x 23/64 x 1/16 in.	32
28A-23	23227A	Cover—Inspection (Watson)	1
28A-24	23228A	Screw—Fil-hd (Watson)	12
	AN960C8	Washer	12
28A-25		Gasket—Inspection cover Vellutex 1/64 in.	1
	23451A	Screw—Allen head cap (Watson)	2
28A-26	68F	Connector—Compression brass 5/8 in. male pipe thread x ½ in. OD copper tubing	1
28A-27	Comm	Tubing—Copper ½ OD .035 in. wall (Spec. No. WW-T-799)	AR
28A		Pump Assy—Oil angle drive	1
28A-28	L20570B	Cover—Oil pump adapter (Watson)	1
28A-29	L20568C	Pump—Main body section (Watson)	1
28A-30	L20571B	Section—Combination outlet and intake (Watson)	2
28A-31	X958	Section—Housing cover (Watson)	1
	L20572A	Section—Bypass relief type 1 (Watson)	1
	26924C	Section—Bypass relief type II (Watson)	1
	23180A	Gear—Drive scavenger section (Watson)	1
	23180A	Gear—Driven scavenger section (Watson)	1
	Y4353	Gear—Drive pressure section (Watson)	1
	Y4353	Gear—Driven pressure section (Watson)	1
	23179A	Shaft—Drive (Watson)	1
	Y4356A	Shaft—Idler (Watson)	1
	21852A	Pins—Alignment (Watson)	2
	21932A	Gear—Pump drive (Watson)	1

ANGLE DRIVE SYSTEM

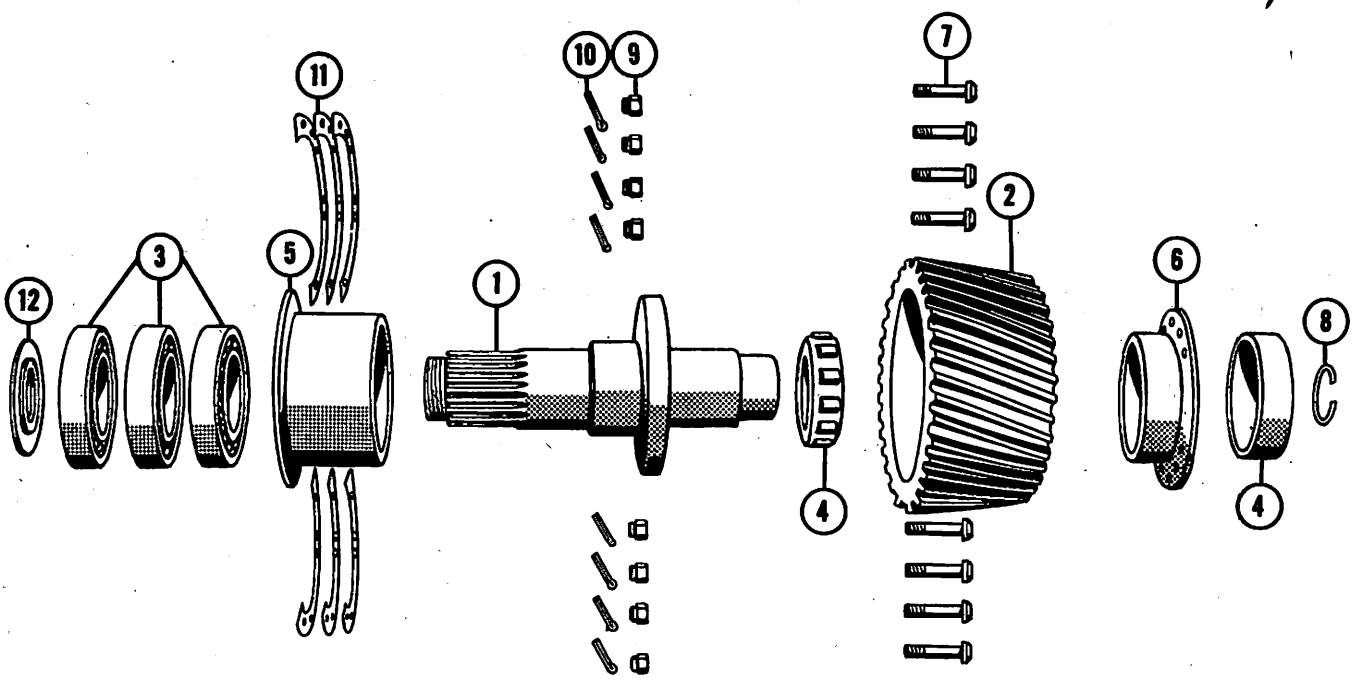


Figure 28C—Exploded View of Angle Drive Gear Shaft Assembly

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY
		ARMY VEE DRIVE GEAR ASSEMBLY (CONT'D)	
	23177A	Key—Pump drive gear (Watson)	1
	23181A	Inserts—Ball check (Watson)	4
	23182A	Key—Drive gear scavenger section (Watson)	1
28A-32		Union—Half for 5/8 in. tubing 1/2 in. male pipe thread	1
28A-33		Union—Half for 1/2 in. tubing brass 1/2 in. male pipe thread	1
		Nut—Short union for 5/8 in. brass tubing	1
28A-34		Elbow—Brass for 1/2 in. OD tubing and 3/8 in. male pipe thread	1
28A-35		Nut—Short union for 1/2 in. brass tubing	1
	Comm	Tubing—Copper 5/8 in. OD x 16 in. .049 in. wall (Spec. No. WW-T-799)	AR
	Comm	Tubing—Copper 1/2 OD x 20 in. .035 in. wall (Spec. No. WW-T-799)	AR
		Plug—Pipe 1/2 in. external pipe thread countersunk head	2
		Bushing—Drive shaft bronze 1/2 x 5/8 x 5/8 in.	2
		Bushing—Drive scavenger gear 3/8 x 1/2 x 1 1/8 in.	1
		Bushing—Drive pressure gear 3/8 x 1/2 x 3/4 in.	1
	W62004	Seal—Drive shaft (Victor)	1
		Ball—Pressure relief valve type 1 1/2 in. steel	1
		Ball—Pressure relief valve type II 1/2 in. steel	2
		Spring—Pressure relief valve type 1 2 1/8 in.	1
		Spring—Pressure relief valve type II 3/4 in.	1
	Z303	Cap—Pressure relief valve type 1 (Watson)	1
	26872A	Cap—Pressure relief valve type II (Watson)	1
		Washer—Spacer for spring Velumoid 1/2	4
	21218A	Gasket—Gear sections	2
	21219A	Gasket—Relief valve sections	1

ANGLE DRIVE SYSTEM

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY
		ANGLE DRIVE OIL IN AND OUT ASSEMBLIES	
	23178A	Gasket—Outlet and intake sections	2
		Screw—Cap mounting main section ¼-20 x 3 in.	4
		Screw—Cap mounting relief valve section ¼-20 x 3½ in.	4
		Screw—Mounting outlet and intake sections ¼-20 x 1¾ in.	8
		Washer—Lock for mounting screws steel ¼ in.	16
		Key—Drive gear (Woodruff)	1
		Ball—Check steel 7/16 in.	4
		Screw—Set for pump drive gear ¼-20 x 5/16 in. steel	1
	Comm	Angle—Angle drive mounting steel 2½ x 3½ x 5/16 x 10 in. std (Spec. No. 57-114)	2
	Comm	Bolt—Body bound steel ½ x 1½ in. 20 threads per inch	12
	AN960B816	Washer—Steel ½ in. ID std	12
	AN365-82	Nut—Elastic stop ½ in.	12
	(a)	Oil In Assy—Angle drive (dwg No. 379-94)	1
	(a)	Oil Out Assy—Angle drive (dwg No. 379-94)	1
	A62188	Unit—Sending for temperature indicator (Packard)	1
	A334	Coupling—Half union brass ½ x ½ in. (M. B. Co.)	1
	A105	Nut—Flare brass ½ in. (M. B. Co.)	1
	Comm	Tubing—Copper soft type L 5/8 in. dia .035 in. wall (Spec. No. WW-T-799)	AR
	A105	Nut—Flare brass ½ in. (M. B. Co.)	1
	A339	Elbow—Half union brass ½ x ½ in. (M. B. Co.)	1
	A334	Coupling—Half union brass ½ x ½ in. (M. B. Co.)	1
	No Number	Exchanger—Heat angle drive bronze housing 1 in. IPS water 1 in. IPS oil (Model No. HE-1245-300) (Harrison)	1
	A334	Coupling—Half union brass ½ x 5/8 in. (M. B. Co.)	1
	A105	Nut—Flare brass ½ in. (M. B. Co.)	1
	Comm	Tubing—Copper soft type L 5/8 in. .035 in. wall (Spec. No. WW-T-799)	AR
	A334	Coupling—Half union brass ½ x 5/8 in. (M. B. Co.)	1
	A105	Nut—Flare brass ½ in. (M. B. Co.)	1
	Comm	Screw—RH wood steel galv 2 in. No. 12	2
	Comm	Pipe—Heat exchanger connection (only one in boat) brass 8 x 1 x .095 IPS in. (Spec. No. WW-T-791)	1
		Strap—Tube brass 1/8 x 1 x 5 in. (Spec. No. 56-160) (dwg No. 379-94-21) (LM)	1
		ANGLE DRIVE SALT WATER INLET AND OUTLET ASSEMBLIES	
	(a)	Salt Water Inlet Assy—Angle drive (dwg No. 379-94)	1
	(a)	Salt Water Outlet Assy—Angle drive (dwg No. 379-94)	1
	A418	Coupling—Brass 1 x 1 in. (M. B. Co.)	1
	*AN748	Clamp—Hose SS	1
	No Number	Hose—Rubber 4-ply 1 1/16 ID x 8 in. length style M (Spec. No. 3748) (Goodyear)	1
	*AN748	Clamp—Hose SS 7 in. length	1
	Comm	Tubing—Copper soft type L 1 in. dia .035 in. wall (Spec. No. WW-T-799)	AR
	A418	Coupling—Brass 1 x 1 in. (M. B. Co.)	1
	No Number	Fitting—Inlet cast bronze (Perko Fig. 65)	1
	379-94-5	Fitting—Outlet cast bronze with grille cut out (Perko Fig. 65)	1
	449½	Valve—Gate brass 1 in. IPS (Crane)	1
		ANGLE DRIVE OIL FILTER AND LUBRICATING OIL SERVICE TANK ASSEMBLIES	
	(a)	Oil Filter Assy—Angle drive (dwg No. 379-94)	2
	A334	Coupling—Half union brass ½ x 5/8 in. (M. B. Co.)	1
	A105	Nut—Flare brass ½ in. (M. B. Co.)	1
	Comm	Tubing—Copper soft type L 5/8 in. .035 in. wall (Spec. No. WW-T-799)	AR
	Comm	Angle—Angle drive mounting steel 2½ x 3½ x 5/16 in. std (Spec. No. 57-114)	2
	Comm	Bolt—Body bound steel ½-13 x 1½ in.	12
	AN960B816	Washer—Steel ½ in. ID std	12
	AN365-820	Nut—Elastic stop ½ in.	12
	A105	Nut—Flare brass ½ in. (M. B. Co.)	1
	A334	Coupling—Half union brass ½ x 5/8 in. (M. B. Co.)	1
	No Number	Filter—Oil bronze (Perko Fig. 299)	1
	A105	Nut—Flare brass ½ in. (M. B. Co.)	1
	A339	Elbow—Half union brass ½ x 5/8 in. (M. B. Co.)	1
	Comm	Tubing—Copper soft type L 5/8 in. .035 in. wall (Spec. No. WW-T-799)	AR
	(a)	Lubricating Oil Service Tank Assy—Angle drive (dwg No. 379-94)	1
	(a)	Tank Filler Elbow Assy	1
	Comm	Screw—FH machine steel ¼-20NC x ½ in.	3
	Comm	Nut—Steel ¼-20	3
	Comm	Elbow—Tank filler bronze	1
	P1407	Cap—Filler brass (Willis)	1
		ANGLE DRIVE SHAFT ASSEMBLY	
	Comm	Bolt—FH bronze vent attaching 5/16-18 x 3¾ in.	4
	Comm	Washer—Bronze 5/16 in.	4
	Comm	Nut—Bronze 5/16-18	4
	(a)	Shaft Assy—Angle drive	2
	379-62-6 ( )	Propeller Shaft Assy—Starboard	1
	379-62-6 ( )	Propeller Shaft Assy—Portside	1
	No Number	Shaft—Propeller Monel metal hard drawn precision straightened 2½ in. dia x 28 ft (dwg No. 379-60-1) (LM)	1
	379-60-2	Key—Coupling Monel metal 5/8 x 2⅜ in.	1
	379-60-4	Nut—Coupling steel std hex 2-12NF-3 in.	1
	Comm	Pin—Cotter brass 1/8 x 2 in.	1
	FCJ	Bearing—Intermediate flange cartridge 2½ in. (Fafnir)	2

(a) *Nonprocurable.*
* *Size to be specified when ordering.*

ANGLE DRIVE SYSTEM

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY
			ANGLE DRIVE SHAFT ASSEMBLY (CONT'D)	
	Comm		Bolt—Sq hd bearing block steel galv ½-13 x 6 in.	4
	AN960B816		Washer—Bearing block ½ in.	4
		(a)	Shaft Log Assy (dwg No. 379-62)	1
	379-47-1		Log—Shaft manganese bronze cast	1
	Comm		Bolt Assy—Oval head silicon bronze ⅝-18 x 9⅞ in. length	10
	No Number		Screw—FH wood silicon bronze 2¾ in. (Syntron)	21
	No Number		Hose—Rubber 4-ply 3¾ ID x 6 in. (dwg No. 379-47-5)	1
	*AN748		Clamp—Hose SS 18 in. length	4
		(a)	Strut Assy—Intermediate propeller shaft (dwg No. 379-62)	1
	379-48-2		Strut—Intermediate manganese bronze cast	1
	No Number		Bearing—Shaft 2½ in. Nation (Goodrich)	2
	Comm		Screw—FH machine silicon bronze ¼-20NC x ½ in. length	2
	No Number		Bolt—Strut silicon bronze ½-13 x 9½ in. (dwg No. 379-48-5) (LM)	8
	Comm		Washer—Strut bronze ½ in.	8
	Comm		Nut—Strut bronze ½-13	16
		(a)	Strut Assy—Main propeller shaft (dwg No. 379-62)	1
	379-48-1		Strut—Main manganese bronze cast	1
	No Number		Bearing—Shaft 2½ in. Nation (Goodrich)	1
	Comm		Screw—FH machine silicon bronze 1¼-20NC x ½ in. length	4
	No Number		Bolt—Strut silicon bronze ½-13 x 6 in. (dwg No. 379-48-5A)	10
	Comm		Washer—Strut bronze ½ in. ID	10
	Comm		Nut—Strut bronze ½-13	20
			Propeller Assy	1
	No Number		Propeller	1
	379-60-3		Key—Propeller Monel metal ⅜ x ⅝ x 11 in.	1
	379-60-5		Nut—Propeller manganese bronze cast	1
	379-60-6		Fairing—Propeller nut manganese bronze cast	1

24 VOLT ELECTRICAL SYSTEM

			24-Volt Electrical System	NP
	5174L		Box Assy—Steel 5 wire (G. E.)	1
	4914L		Box Assy—Junction fused steel 30 amp (G. E.)	2
	4385L		Box Assy—Junction fused steel 61-100 amp (G. E.) (not required on 40 amp generator installation)	1
			Box Assy—Junction special steel	1
	C6363-1-5		Breaker—Circuit 5 amp, 40 amp general installation only (Klixon)	2
	D6364L1-50		Breaker—Circuit 50 amp (40 amp generator installation only) (Klixon)	2
	AN3050-12		Ferrule—Conduit ¾ in. (Breeze 1-12)	2
	AN3050-16		Ferrule—Conduit 1 in. (Packard A59729)	16
	AN3050-3		Ferrule—Conduit ⅜ in. (Packard A61655)	5
	AN3050-4		Ferrule—Conduit ¼ in. (Packard A61556)	30
	AN3050-6		Ferrule—Conduit ⅜ in. (Packard A61557)	4
	AN3050-10		Ferrule—Conduit ⅝ in. (Packard A61908)	8
	AN3050-20		Ferrule—Conduit flexible	AR
	9775		Ferrule—Soldering (Amphenol)	AR
	AN3054-12		Nut—Coupling conduit ferrule ¾ in. conduit (Breeze 118-22-12, Packard A59660)	12
	AN3054-20		Nut—Conduit coupling	AR
	AN3054-16		Nut—Coupling conduit ferrule 1 in. conduit (Packard A59730)	16
	AN3054-4		Nut—Coupling conduit ferrule ¼ in. conduit (Packard A61558)	30
	AN3054-6		Nut—Coupling conduit ferrule ⅜ in. conduit (Packard A61559)	4
	AN3054-10		Nut—Generator voltage regulator junction box conduit ferrule ⅝ in. conduit (Packard A61909)	8
	AN3055		Adapter—Connector	6
	AN3057		Clamp—Cable	AR
	AN3058-16		Coupling—Conduit straight 1 in. ID conduit (Packard A61595)	8
	AN3058-4		Coupling—Conduit straight ¼ in. ID conduit (Packard A61598)	20
	AN3058-10		Coupling—Conduit straight ⅝ in. ID conduit (Packard A61906)	4
	AN3061		Coupling—Conduit 45°	AR
	AN3063		Coupling—Conduit 90°	AR
	AN3066-4		Locknut—Coupling ¼ in. conduit (Packard A61606)	32
	AN3066-16		Locknut—Coupling 1 in. conduit (Packard A61616)	18
	AN3066-10		Locknut—Coupling ⅝ in. conduit (Packard A61910)	4
	SCS2		Post—Service 1¼ in. conduit assy (Penn-Union)	4
	No Number		Terminal—Bee (dwg 379-111-12) (Buchanan Research)	51
	No Number		Tubing Assy—Flexible with nipples brass 1¼ in. 25 ft lengths RT7 (Rex Tube)	2
	AN3066-20	(b)	Fitting—Amphenol	2
	AN3066-24	(b)	Fitting—Amphenol	1
	AN3061-20	(b)	Fitting—Amphenol	1
	AN3063-20	(b)	Fitting—Amphenol	1
	AN3057-24	(b)	Fitting—Amphenol	1
	AN3058-24	(b)	Fitting—Amphenol	1
	Comm		Bar—Flat copper ⅛ x 1 x 2 in. (40 amp generator installation only) (Spec. No. QQ-C-501)	1 pc
	Comm		Bar—Flat copper ⅜ x 1 x 4 in. (40 amp generator installation only) (Spec. No. QQ-C-501)	1 pc
			Screw—FH machine brass 6-32 x ½ in. (40 amp generator installation only)	10
			Screw—FH machine cad. plate steel 6-32 x ¼ in.	6
			Screw—RH machine cad. plate steel 6-32 x ¾ in.	4
			Screw—RH machine cad. plate steel 8-32 x ¼ in.	26
			Screw—RH machine cad. plate steel 8-32 x ¾ in. (40 amp generator installation only)	12
			Screw—RH machine brass 10-24 x 1 in. (40 amp generator installation only)	1
			Screw—FH wood galv steel 12 x 1¼ in. (40 amp generator installation only)	6

* *Size to be specified when ordering.*

(a) *Nonprocurable.*

(b) *Amphenol fittings are mfd by American Phenolic Corp., Chicago; Rex Tube and Shielding Conduit, Chicago; Metal Hose Corp., Maywood, Ill., Klixon Circuit Breakers, Spencer Thermostat Co., Attelboro, Mass.*

24 VOLT ELECTRICAL SYSTEM

FIGURE & INDEX NUMBER	PART NUMBER		1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY
	Comm		Sheet—Brass 1/16 x 1 x 9 in. (40 amp generator installation only) (Spec. No. QQ-B-636)	1 pc
	Comm		Sheet—Copper 16 x 1/2 x 7 in. (Spec. No. QQ-C-501)	1 pc
		(b)	Sheet—Phenolic 1/16 x 3 x 19 in. (40 amp generator installation only)	1 pc
		(b)	Sheet—Phenolic 5/16 x 1 1/2 x 26 in.	1 pc
		(b)	Sheet—Phenolic 1 x 2 1/2 x 19 in. (40 amp generator installation only)	1 pc
		(b)	Sheet—Phenolic 1/16 x 3 x 4 in. (laminated name plate stocked)	1 pc
			Sheet—Steel 16 x 18 x 36 in. also 14 x 2 1/4 x 14 in. (40 amp generator installation only)	1 pc
		(b)	Sheet—Vellumoid 1/16 x 12 x 30 in. (40 amp generator installation only)	1 pc
			Wire—Nichrome No. 2 AWG x 27 in.	1 pc
	No Number		Cleat—Wiring brass 3/16 in. (Bryant)	1
			Cable Assy	1
			Cable—Gica 22-13 ft length	1
	AN3057-24		Fitting	2
			Cable—Gica 22-17 ft length	1
	AN3057-22		Fitting	2
			T/4M CW1200S—20 ft length	1
	AN3057-6		Fitting (on one end only, terminal tube at opposite end)	1
			T/4M CW1200S—4 ft length	2
	AN3057-6		Fitting (on one end only, terminal tube at opposite end)	2
			T/4M CW1200S—5 ft length	2
	AN3057-10		Fitting	4
			D/3M CW1200S—30 ft length	2
	AN3057-4		Fitting	4
			Conduit Assy—1 in.	1
			Conductor—12 AWG Flamenol	1
			Conductor—4 AWG Flamenol	2
			Conduit Assy—1 in.	1
			Conductor—16 AWG Flamenol	1
			Conductor—12 AWG Flamenol	3
			Conduit Assy—1 in.	1
			Conductor—16 AWG Flamenol	15
			Conduit Assy—3/8 in.	1
			Conductor—20 AWG Flamenol	2
			Conductor—16 AWG Flamenol	1
	AN3050-6	(d)	Fitting	1
	AN3054-6	(d)	Fitting	1
	AN3058-6	(d)	Fitting	1
	AN3066-6	(d)	Fitting	1
			Conduit Assy—3/8 in.	2
			Conductor—20 AWG Flamenol	4
	AN3050-6	(d)	Fitting	1
	AN3054-6	(d)	Fitting	1
	AN3058-6	(d)	Fitting	1
	AN3066-6	(d)	Fitting	1
			Conduit Assy—3/8 in.	1
			Conductor—20 AWG Flamenol	2
			Conduit Assy—3/8 in.	2
			Conductor—20 AWG Flamenol	3
	AN3050-6	(d)	Fitting	1
	AN3054-6	(d)	Fitting	1
	AN3058-6	(d)	Fitting	1
	AN3066-6	(d)	Fitting	1
			Conduit Assy—1/4 in.	8
			Conductor—20 AWG Flamenol	2
			Conduit Assy—1/4 in.	2
			Conductor—16 AWG Flamenol	1
			Conduit Assy—1/4 in.	3
			Conductor—12 AWG Flamenol	1
			Conduit Assy—1/4 in.	2
			Conductor—16 AWG Flamenol	2
			Conduit Assy—1/2 in.	2
			Conductor—16 AWG Flamenol (optional; otherwise use 3/4 in. conduit and fittings)	4
			Conduit Assy—5/8 in.	2
			Conductor—16 AWG Flamenol	2
			Conductor—12 AWG Flamenol	1
	AN3050-10	(d)	Fitting (40 amp generator installation only)	2
	AN3054-10	(d)	Fitting	2
	AN3058-10	(d)	Fitting	1
	AN3063-10	(d)	Fitting	1
	AN3066-10	(d)	Fitting	2
	AN3061-10	(d)	Fitting	1
			Conduit Assy—5/8 in.	2
			Conductor—16 AWG Flamenol	3
		(c)	Conduit Assy—1 1/4 in.	2
			Conductor—10 AWG Flamenol	2
			Conductor—6 AWG Flamenol	1
			Conductor—4 AWG Flamenol	1
	AN3050-20	(c)	Fitting	2
	AN3054-20	(c)	Fitting	2
			Conduit Assy—3/16 in.	2
			Conductor—16 AWG Flamenol	1
			D/3M CW1200S—12 ft length	6
	AN3057-4		Fitting	12

(b) *Obtain raw stock from class indicated.*

(c) *Substitute fittings for 97P-20 and 1 1/4 in. IPS nipples used in cable installation. Use AN conduit.*

(d) *Fittings listed here are for AN-WW-C-561 (type 1) conduit (of nominal inside dia. shown) since ferrules on GFE are of this type, which must be crimped on. Solder type ferrules are somewhat easier to use under some conditions, however if the latter is used, substitute Amphenol 9775 Series ferrules for AN3050 and AN3052 Series. AC3200-7G tinned copper shielded conduit must then be used.*

24 VOLT ELECTRICAL SYSTEM

FIGURE & INDEX NUMBER	PART NUMBER		1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY
			D/3M CW1200S—11 ft length	2
	AN3057-4		Fitting	4
			D/3M CW1200S—25 ft length	1
	AN3057-6		Fitting (one end only; terminal tube opposite end)	1
			D/23M CW1200S—24 ft length	1
			S/4M CW1200S—8 ft length	2
	AN3057-4		Fitting	2
			S/4M CW1200S—16 ft length	1
	AN3057-4		Fitting	1
			S/4M CW1200S—3 ft length	1
			S/4M CW1200S—4 ft length	2
			S/6M CW1200S—17 ft length	1
	AN3057-4		Fitting	1
			S/6M CW1200S—15 ft length	1
	AN3057-4		Fitting	1
			Cable—Gica-4 10 ft length	2
	AN3057-12		Fitting	1
			Cable—Gica-4 15 ft length	1
	AN3057-6		Fitting	2
			Cable—Gica-4 14 ft length	1
	AN3057-6		Fitting	2
			T/6M CW1200S—8 ft length	2
	AN3057-10		Fitting	2
	AN3057-10		Fitting (one end only; terminal tube at opposite end)	4
			T/4 VCNL—18 ft length	1
	AN3057-16		Fitting	2
			T/4 VCNL—15 ft length	1
	AN3057-16		Fitting	2
			D/4 VCNL—12 ft length	1
			D/4 VCNL—8 ft length	1
	AN3057-16		Fitting (one end only; terminal tube at opposite end. Not required on 40 amp generator installation)	2
			Cable—Gica-19 8 ft length	1
	AN3057-24		Fitting	2
			Cable—Gica-19 66 ft length	1
			Fitting	2
			3/0 CW1201S—68 ft length	AR
			S/2 VCNL—25 ft length	2
			S/1 VCNL—5 ft length	2
			Conduit Assy—1 in.	1
			Conductor—20 AWG Flamenol	6
			Conductor—16 AWG Flamenol	8
			Conductor—12 AWG Flamenol	3
			Conduit Assy—1 in.	1
			Conductor—20 AWG Flamenol	7
			Conductor—16 AWG Flamenol	7
			Conductor—12 AWG Flamenol	1
			Conduit Assy—1 in.	1
			Conductor—12 AWG Flamenol	1
			Conductor—4 AWG Flamenol	2
			Conduit Assy—1 in.	2
			Conductor—4 AWG Flamenol	2
	AN3050-16	(d)	Fitting—(Not required on 40 amp generator installation)	1
	AN3054-16	(d)	Fitting—(Not required on 40 amp generator installation)	1
	AN308-16	(d)	Fitting—(Not required on 40 amp generator installation)	1
	AN3066-16	(d)	Fitting—(Not required on 40 amp generator installation)	1

112 VOLT AND SOUND POWER WIRING SYSTEM

			112-Volt and Sound Power Wiring System (dwg No. 379-74)	NP
	1740		Bell—Water tight 3 in. (Edwards)	5
	4260L		Box—Branch type E-S (G.E.)	4
	4914L		Box—Branch junction type E (G.E.)	11
	4385L		Box—Branch junction type PS (G.E.)	4
	4581L		Button—Push water tight type P (G.E.)	7
	4535L		Fixture—Deck water tight type JG-S, SW (G.E.)	4
	4335L		Fixture—Deck water tight type JG-S red (G.E.)	1
	5311L		Lantern—Hand type J-1S (G.E.)	4
			Light—Aldis (Manhattan Marine Electric)	1
	403		Light—Anchor No. 1 clear (Perko)	1
			Rheostat—Binnacle light	2
	5186L		Light—Bulkhead water tight type LGS-S (G.E.)	4
	5163L		Light—Bulkhead not water tight type LLS-S (G.E.)	12
	4341L		Light—Ceiling type VIII-AS, SW (G.E.)	7
	4718L		Switch—Crank recognition light type CC (G.E.)	1
	No Number		Light—Masthead No. 1 (Perko Fig. 1151)	1
	No Number		Light—Overtaken No. 2 (Perko Fig. 1152)	1
	5392L		Light—Portable 25 ft cable type DD (G.E.)	2
			Light—Portable search style No. 100 (Willis)	1
	1150		Light—Side port N1 red (Perko)	1
	1150		Light—Side starboard No. 1 green (Perko)	1
	9S5350L		Panel—Distribution (Buship)	1
			Phone—S.P. handset (Automatic Electric)	5
	No Number		Plate—Label laminated plastic (dwg No. 379-74-39)	1
	4440L		Plug—Receptacle watertight type D-1 (G.E.)	10
	5109L		Receptacle—Double convenience type C-S11 (G.E.)	4

(d) Fittings listed here are for AN-WW-C-561 (type 1) conduit (of nominal inside dia shown) since ferrules on GFE are of this type, which must be crimped on. Solder type ferrules are somewhat easier to use under some conditions, however if the latter is used, substitute Amphenol 9775 Series ferrules for AN3050 and AN3052 Series. AC3200-7G tinned copper shielded conduit must then be used.

112 VOLT AND SOUND POWER WIRING SYSTEM

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY
	5249L	Receptacle—Double not watertight type R-M1 (G.E.)	5
	4569L	Receptacle—Double watertight type E-1S (G.E.)	5
	586	Receptacle—Shore (Oceanic Elect Prod)	1
	5108L	Receptacle—Single convenience type C-S1 (G.E.)	4
	4264L	Receptacle—Single watertight type G-1S (G.E.)	1
	4223L	Receptacle and Switch—Type H-1S (G.E.)	1
		Searchlight—110-volt dc, ac, type S-12 (G.E.)	1
		Storage Battery—60 cells 6-volt 100 AH No. 1H in 3 cell trays (Spec. No. AN-W-B-131-b)	
	4923L	Switch—Searchlight (G.E.)	1
	4718L	Switch—Rotary DPST type DD-S (G.E.)	4
	CR1061	Switch—Thermal overload form C-2E (G.E.)	2
	No Number	Wiper—Windshield (dwg No. 379-74-29) (Kearfott Pendulum)	2
	No Number	Rheostat—Windshield wiper (dwg No. 379-74-30) (Kearfott Pendulum)	2

INSTRUMENT PANEL INSTALLATION

BRIDGE PANEL ASSEMBLY

		Instrument Panel Installation (dwg No. 379-69)	NP
		Bridge Panel Assy	1
	No Number	Mount—Panel brass 12 gage B & S x 6 x 7 in. (dwg No. 379-69-32)	1
	Comm	Screw—Oval hd wood brass ¾ in. No. 8	4
		Washer—Formed brass for No. 8 screw	4
	Comm	Bolt—FH stove pedestal mtg steel galv No. 10-32 x ¾ in.	4
	AN935-10	Washer—Lock	4
	Comm	Nut—Steel galv No. 10-32	4
	H190	Pedestal—Clutch control supplied with Columbian Model No. 61 clutch control (Col Br)	1
	Comm	Bolt—FH stove lever attaching steel galv No. 10-32 x ¾ in.	1
	AN935-10	Washer—Lock	1
	Comm	Nut—Steel galv No. 10-32	1
		Light Assy—Indicator green supplied with Columbian Model No. 61 clutch control	2
		Light Assy—Indicator red supplied with Columbian Model No. 61 clutch control	2
		Rheostat—Binnacle light	1
	No Number	Shield—Drip brass 16 gage B & S x 2½ x 10¾ in. (dwg No. 379-69-27)	1
	Comm	Bolt—FH stove steel galv No. 10-32 x ¾ in.	5
	AN935-10	Washer—Lock	5
	Comm	Nut—Steel galv No. 10-32	5
	Comm	Screw—RH wood brass 1¼ in. No. 10	8
	Comm	Screw—RH wood brass ¾ in. No. 8	4
	A62166	Switch Panel—Bridge (Packard)	1
		Instrument Panel Frame Assy—Bridge	1
	No Number	Frame—Instrument panel brass 5/8 x 5/8 x 1/16 in. angle 44½ in. long (dwg No. 379-69-18)	1
	A62187	Panel—Bridge instrument (Packard)	1
	No Number **	Window—Instrument panel clear plastic ¼ x 11⅞ x 10½ in. (dwg No. 379-69-19)	1
	Comm	Screw—Oval hd wood brass ¾ in. No. 8	4
		Washer—Formed brass for No. 8 screw	4

ENGINE ROOM MAIN ENGINE PANEL ASSEMBLY

		Main Engine Panel Assy—Engine room (dwg No. 379-69)	1
	A60494	Pump—Engine primer (Packard)	2
	A62178	Panel—Engine room switch (Packard)	1
	Comm	Screw—Oval hd wood brass ¾ in. No. 8	4
		Washer—Formed brass for No. 8 screw	4
	Comm	Screw—FH wood brass 1¾ in. No. 12	8
	379-69-3	Instrument Panel Floodlight Assy	1
	A62001	Switch—Floodlight to toggle (Packard)	1
	No Number	Floodlight—Instrument panel AAF Type A-8	2
	A62001	Switch—Instrument panel (Packard)	1
	Comm	Screw—RH wood steel galv ¾ in.	8
	A63039	Panel—Angle drive instrument (Packard)	1
	Comm	Screw—Oval hd wood brass ¾ in. No. 8	4
		Washer—Formed brass for No. 8 screw	4
		Instrument Panel Assy—Engine room (dwg No. 379-69)	1
	A62192	Panel—Engine room instrument (Packard)	1
	Comm	Screw—Oval hd wood brass ¾ in. No. 8	12
		Washer—Formed brass for No. 8 screw	12
	Comm	Screw—FH wood steel galv 1¾ in. No. 12	40
	Comm	Bolt—RH stove steel galv No. 10-32 x 1¼ in.	12
	AN935-10	Washer—Lock	12
	Comm	Nut—Steel galv No. 10-32	12
	No Number	Angle—Mounting steel 1¾ x 1¾ x 1¾ in. (Spec. No. 57-114)	4
	Comm	Bolt—Mounting hex steel ¼-20NC x 1¼ in.	4
	AN935-416	Washer—Lock ¼-20	4
	Comm	Nut—Hex steel ¼-20	4
	AN8008-9	Mount—Shock (Lord)	4
	Comm	Bolt—FH stove steel galv No. 10-32 x ¾ in.	8
	AN935-10	Washer—Lock	8
	Comm	Nut—Hex steel galv No. 10-32	8
		Inverter Assy—Vibrator (dwg No. 379-69)	1
		Inverter—Vibrator	1
	Comm	Bolt—FH stove steel galv No. 10-32 x ¾ in.	4
	AN935-10	Washer—Lock	4
	Comm	Nut—Steel galv No. 10-32	4

AUXILIARY ENGINE PANEL ASSEMBLY

		Engine Panel Assy—Auxiliary	1
		Panel—Instrument auxiliary engine supplied with engine for port and starboard engine instruments (Packard)	2
		Switch—Starter, supplied with engine	3
		Cable—Tachometer for auxiliary engine instrument panel supplied with engine, 13 ft long	1
		Cable—Tachometer for instrument panel generator set 12 ft long	1

** *Obtain raw stock from class indicated.*

FRESH WATER AND SANITARY SYSTEM

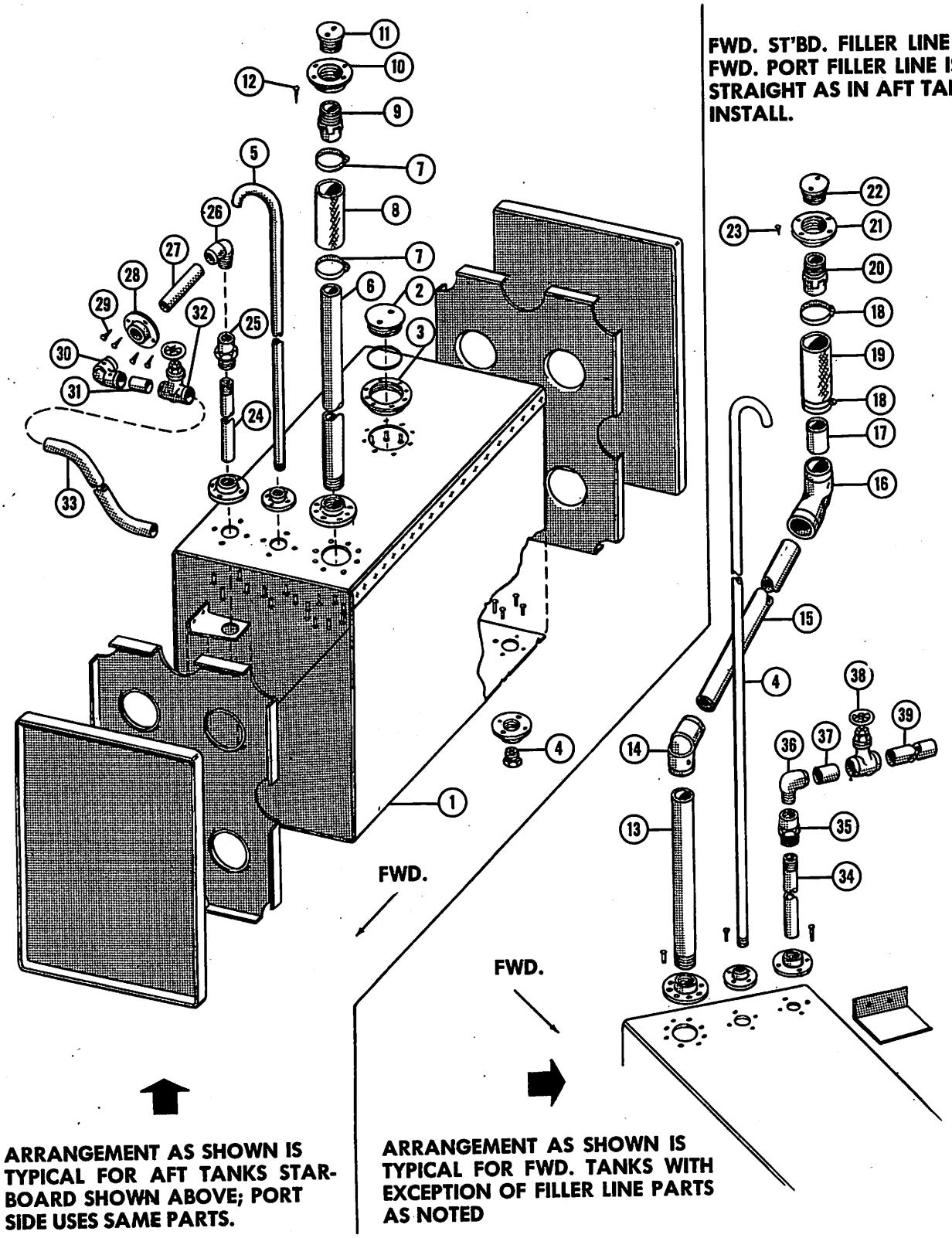


Figure 29—Fresh Water Tank Assembly

FRESH WATER AND SANITARY SYSTEM

FIGURE & INDEX NUMBER	PART NUMBER		1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY
			FRESH WATER TANK ASSEMBLY	
			Fresh Water and Sanitary System (dwg No. 379-26)	1
29			Fresh Water Tank Assy (dwg No. 379-26)	1
29- 1	379-26		Tank—Fresh water construction	1
29	P987		Inspection Plate Assy—5¾ in. (Willis)	4
29- 2			Plate—Inspection brass	1
29- 3	P1979	(a)	Gasket—Inspection Vellumoid cut to fit (Willis	1
29- 4	15586		Bushing—Silicon bronze ¾ x ¼ in. (Crane)	4
29- 5	Comm		Tubing—Water copper soft type K ¾ in. .065 in. wall (Spec. No. WW-T-799)	AR
29			Filler Assy—Aft tanks and port forward (dwg No. 379-26)	3
29- 6	Comm		Tubing—Water copper type M 2 in. .058 in. wall (Spec. No. WW-T-799)	AR
29- 7	P1446		Clamp—Hose brass 2⅝ in. (Willis)	2
29- 8	No Number		Hose—Water rubber 2 in. ID (Spec. No. 3748) (Goodyear)	1
29- 9	A1674		Nipple—Brass 2 C x 2 in. IPS (M. B. Co.)	1
29	P985		Deck Plate Filler Assy—2 in. IPS (Willis)	1
29-10			Flange	NP
29-11			Plate—Filler 2 in. for Willis P-985	1
29-12			Screw—FH wood filler flange attaching brass 1¼ in. No. 12	4
29			Filler Assy—Starboard fwd. tank (dwg No. 379-26)	1
29-13	Comm		Tubing—Water copper hard type M 2 in. .058 in. wall (Spec. No. WW-T-799)	AR
29-14	A7088		Ell—45° brass 2 in. C (M. B. Co.)	1
29-15	Comm		Tubing—Water copper hard type M 2 in. .058 wall (Spec. No. WW-T-799)	AR
29-16	A7088		Ell—45° brass 3 in. C (M.B. Co.)	1
29-17	Comm		Tubing—Water copper hard type M 2 in. .058 wall (Spec. No. WW-T-799)	AR
29-18	P1446		Clamp—Hose brass 2⅝ in. (Willis)	2
29-19	No Number		Hose—Water rubber 2 in. ID (Spec. No. 3748) (Goodyear)	1
29-20	A1674		Nipple—Brass 2 C x 2 in. IPS (M.B. Co.)	1
	P985		Deck Plate Filler Assy—2 in. IPS (Willis)	1
29-21			Flange	NP
29-22			Plate—Filler 2 in. for Willis P-985	1
29-23			Screw—FH wood filler flange attaching brass 1¼ in. No. 12	4
			Outlet Assy—Aft tanks to main lines (dwg No. 379-26)	2
29-24	Comm		Tubing—Water WI galv ¾ IPS x 28¼ in.	AR
29-25	588		Coupling—Malleable iron galv ¾ x ¾ x 1 in. (Crane)	1
29-26	A1531		Ell—90° brass ¾ C x ¾ in. IPS (M) (M.B. Co.)	1
29-27	Comm		Tubing—Water WI galv ¾ IPS x 28¼ in.	AR
29-28	A4129		Fitting—Bulkhead brass ¾ in. C (M.B. Co.)	1
29-29	Comm		Screw—FH wood blk-hd fitting attaching brass 1¼ in. No. 12	4
29-30	A1530		Ell—90° brass ¾ C x ¾ C in. (M.B. Co.)	1
29-31	Comm		Tubing—Water WI galv ¾ IPS x 28¼ in.	AR
29-32	1319		Valve—Solder gate brass ¾ in. (Crane)	1
29-33	Comm		Tubing—Water copper soft type K ¾ in. .065 wall (Spec. No. WW-T-799)	AR
			Outlet Assy—Forward tanks to main line (dwg. No. 379-26)	2
29-34	Comm		Tubing—Water WI galv ¾ IPS x 28¼ in.	AR
29-35	588		Coupling—Malleable iron galv ¾ x ¾ x 1 in. (Crane)	1
29-36	A1531		Ell—90° brass ¾ C x ¾ IPS in. (M) (M.B. Co.)	1
29-37	Comm		Tubing—Copper soft type K ¾ in. .065 wall (Spec. No. WW-T-799)	AR
29-38	1319		Valve—Solder gate brass ¾ in. (Crane)	1
29-39	Comm		Tubing—Water copper soft type K ¾ in. .065 wall (Spec. No. WW-T-799)	AR
			FRESH WATER PUMP, PIPING, AND TANK ASSEMBLY	
			Fresh Water and Sanitary System	
30			Fresh Water Pump, Piping and Tank Assy (dwg No. 379-29)	1
30	No Number		Pump Assy—Westco nonself priming Model No. RMX-310-1 bronze fitted (Hendy)	1
30- 1	4-56772-44		Motor—1/6 hp, type DP, frame 163, 1750 rpm compound wound, 110-115 volt dc dripproof for ceiling mount, 50° C ambient temp 40° C rise, SS shaft (Marathon)	1
30- 2	4-56772-1		Body—Cast iron (Hendy)	1
30- 3	4-56772-35B		Plug—Pipe drain brass (Hendy)	1
30- 4	4-56772-35G		Plug—Pipe stuffing box brass (Hendy)	2
30- 5			Plug—Pipe body brass	4
30- 6			Screw—Set body SS (Hendy)	2
30- 7	4-56772-25A		Screw—Hex-hd cap pump to motor attaching steel (Hendy)	4
30- 8			Washer	4
30- 9	4-56772-8A		Rotary Seal Assy (Hendy)	1
30-10	4-56772-8A1		Spacer—Junk ring steel (Hendy)	1
30-11	4-56772-8A2		Ring—Junk ni-resist (Hendy)	2
30-12	4-56772-8A3		Ring—Seal steel (Hendy)	2
30-13	4-56772-8A4		Ring—Carbon wearing (Hendy)	2
30-14	4-56772-8A5		Spring—Rotary seal steel (Hendy)	1
30-15	4-56672-3		Liner—Body (Hendy)	1
30-16	4-56772-21		Pin—Dowel liner and cover attaching brass (Hendy)	1
30-17	4-56772-4		Impeller—(Hendy)	1
30-18			Key—Impeller Woodruff SS	1
30-19			Screw—Set impeller SS	1
30-20	4-56772-3A		Liner—Cover bronze	1
30-21	4-56772-20		Gasket—Pump rubber (Hendy)	1
30-22	4-56772-2		Cover—(Hendy)	1
30-23			Screw—Hex-hd cover attaching steel	6
30-24	4-56772-36		Plate—Name brass (Hendy)	1
30-25	4-56772-27		Screw—Drive name plate attaching	2
30-26	4-56772-59		Switch—Pressure control (Cutler-Hammer) No. 10016 H 67B, 2 pole cut on 10 PSI with overload protection (Hendy)	1
30-27	4-56772-60		Fitting—Pressure tube brass (Hendy)	1
30-28			Bolt—Hex motor to frame attaching steel galv 5/16-18 x ¾ in.	4
30-29	AN960B516		Washer	4
30-30			Nut—Steel galv 11/16-18	

(a) *This part is not a detail of the assembly but is used with the assembly and must be procured separately.*

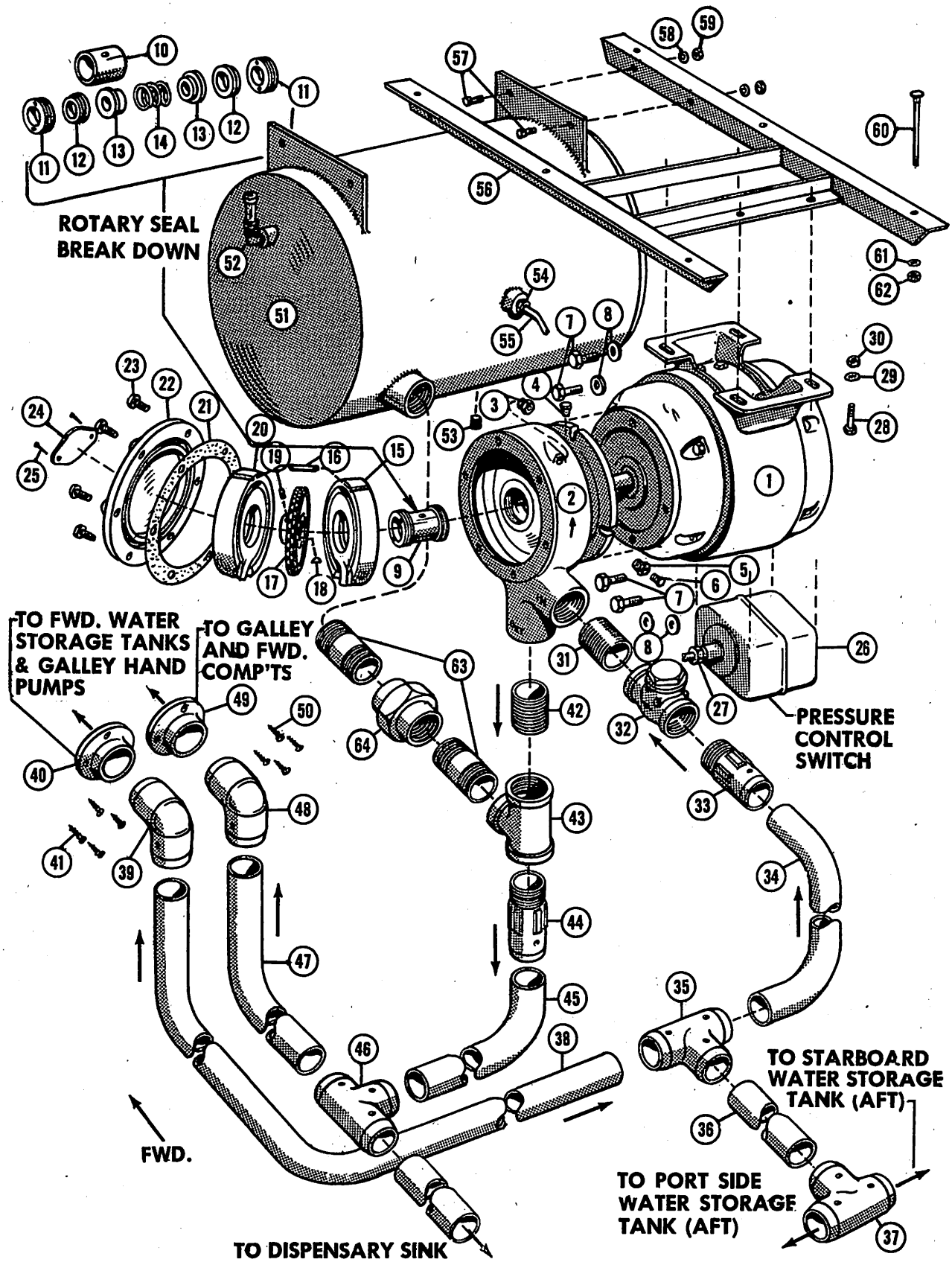


Figure 30—Fresh Water Pump and Piping Assembly

FRESH WATER AND SANITARY SYSTEM

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY
		FRESH WATER PUMP, PIPING, AND TANK ASSEMBLY (CONT'D)	
30		Piping Assy—Fresh water pump unit to storage tank and main line inlet (dwg No. 879-29)	1
30-31	4-56772-50	Nipple—Close pump intake line galv iron ¾ in. (Hendy)	1
30-32	4-56772-52	Valve—Check pump intake line brass (Hendy)	1
30-33	A1526	Coupling—Brass ¾ x ¾ in. IPS (M.B. Co.)	1
30-34	Comm	Tubing—Water copper ¾ in. x .032 in. wall (Spec. No. WW-T-799)	AR
30-35	A1536	Tee—Brass ¾ C in. (M.B. Co.)	1
30-36	Comm	Tubing—Water copper ¾ in. x .032 in. wall (Spec. No. WW-T-799)	AR
30-37	A1536	Tee—Brass ¾ C in. (M.B. Co.)	1
30-38	Comm	Tubing—Water copper ¾ in. x .032 in. wall (Spec. No. WW-T-799)	AR
30-39	A1530	Elbow—90° brass ¾ in. (M.B. Co.)	1
30-40	A4129	Fitting—Bulkhead ¾ C in. brass (M.B. Co.)	1
30-41		Screw—FH wood brass No. 8 x 1¼ in.	4
		Piping Assy—Fresh water pump unit to storage tank and main line outlet (dwg No. 879-29)	1
30-42	4-56772-50	Nipple—Close pump outlet line galv iron ¾ in. (Hendy)	1
30-43	4-56772-53	Tee—Tank and pump juncture ¾ x ¾ x ¾ in. IPT (Hendy)	1
30-44	A1526	Coupling—Brass ¾ x ¾ in. IPS (M.B. Co.)	1
30-45	Comm	Tubing—Water copper ¾ in. .032 in. wall (Spec. No. WW-T-799)	AR
30-46	A1536	Tee—Brass ¾ C in. (M.B. Co.)	1
30-47	Comm	Tubing—Water copper ¾ in. .032 in. wall (Spec. No. WW-T-799)	AR
30-48	A1530	Elbow—90° brass ¾ in. (M.B. Co.)	1
30-49	A4129	Fitting—Thru hull brass ¾ in. (M.B. Co.)	1
30-50		Screw—FH wood brass No. 8 x 1¼ in.	4
		Tank Assy—Fresh water pressure (dwg No. 879-29)	1
30-51	4-56772-55	Tank—Steel galv 7 gal 12 in. dia, 7 ft. long (Hendy)	1
30-52	57	Valve—Air with cap brass (Schrader)	1
30-53	4-56772-56	Plug—Pipe tank drain galv iron ½ in. EPT. (Hendy)	1
30-54	4-56772-60	Fitting—Pressure tube brass (Hendy)	1
30-55	Comm	Tubing—Tank to pressure switch copper	AR
30-56	4-56772-61	Base—Tank support steel welded (Hendy)	1
30-57		Bolt—Hex tank to frame attaching steel galv 5/16-18 x ¾ in.	4
30-58	AN960B516	Washer	4
30-59		Nut—Steel galv 5/16-18	4
30-60		Bolt—Carriage attaching tank support base to boat structure steel galv 5/16-18 x 3½ in.	6
30-61	AN960B516	Washer	6
30-62		Nut—Steel galv 5/16-18	6
		Piping Assy—Fresh water tank outlet (dwg No. 879-29)	1
30-63	4-56772-51	Nipple—Tank outlet galv iron ¾ x 2½ in. EPT (Hendy)	2
30-64	4-56772-54	Union—Gem galv iron ¾ in. (Hendy)	1

		OFFICERS' LAVATORY, SHOWER, AND TOILET ASSEMBLY	
31		Officers' Lavatory Assy (dwg No. 879-29)	1
31- 1	1916	Lavatory—Officers' (Willis)	1
31		Outlet Assy	1
31- 2	A11361	Joint—Slip 90° brass 1¼ in. (M.B. Co.)	1
31- 3	Comm	Tubing—Water copper type M 1¼ in. .042 wall (Spec. No. WW-T-799)	AR
31- 4	A7009	Ell—90° brass 1¼ in. C (M.B. Co.)	1
31- 5	Comm	Tubing—Water copper type M 1¼ in. .042 wall (Spec. No. WW-T-799)	AR
31- 6	A7009	Ell—90° brass 1¼ in. C (M.B. Co.)	1
31- 7	Comm	Tubing—Water copper type M 1¼ in. .042 wall (Spec. No. WW-T-799)	AR
31- 8	A7004	Tee—Brass 1¼ in. C (M.B. Co.)	1
31		Inlet Assy	1
31- 9	CM31-970	Faucet—Cast brass chromium plate ¼ in. IPS (Crane)	1
31-10	A3709	Coupling—Brass ½ C x ¼ in. IPS (M.B. Co.)	1
31-11	Comm	Tubing—Water copper soft type K ½ in. .049 wall (Spec. No. WW-T-799)	AR
31-12	A1511	Tee—Brass ½ in. (M.B. Co.)	1
31		Officers' Shower Assy (dwg No. 879-29)	1
31		Outlet Assy—Drain	1
31-13	CM33-804	Drain—Shower wrought brass 1¼ in. (Crane)	1
31-14	A11361	Joint—Slip 90° brass 1¼ in. (M.B. Co.)	1
31-15	Comm	Tubing—Water copper type M 1¼ in. .042 wall (Spec. No. WW-T-799)	AR
31-16	Comm	Tubing—Water copper type M 1¼ in. .042 wall (Spec. No. WW-T-799)	AR
31-17	A7009	Ell—90° brass 1¼ in. C (M.B. Co.)	1
31-18	Comm	Tubing—Water copper type M 1¼ in. .042 wall (Spec. No. WW-T-799)	AR
31-19	*1303	Valve—Swing brass 1¼ in. (Crane)	1
31-20	Comm	Tubing—Water copper type M 1¼ in. .042 wall (Spec. No. WW-T-799)	AR
31		Inlet Assy	1
31-21	CM4861	Head—Shower brass chromium plate 4 x ½ x ½ in. IPS (Crane)	1
31-22	Comm	Pipe—Brass std wt ½ in. .035 wall (Spec. No. WW-T-791)	AR
31-23		Ell—90° std fitting brass ½ in. IPS	1
31-24	Comm	Pipe—Brass std wt ½ in. .035 wall (Spec. No. WW-T-791)	AR
31-25	CM5044	Valve—Shower cast brass chromium plate ½ in. horiz 19 in. chain with ring (Crane)	1
31-26	Comm	Pipe—Brass std wt ½ in. .035 wall (Spec. No. WW-T-791)	AR
31-27	A1507	Ell—90° brass ½ C x ½ in. IPS (M.B. Co.)	1
31-28	Comm	Tubing—Water copper soft type K .049 wall (Spec. No. WW-T-799)	AR

**Size to be specified when ordering.*

FRESH WATER AND SANITARY SYSTEM

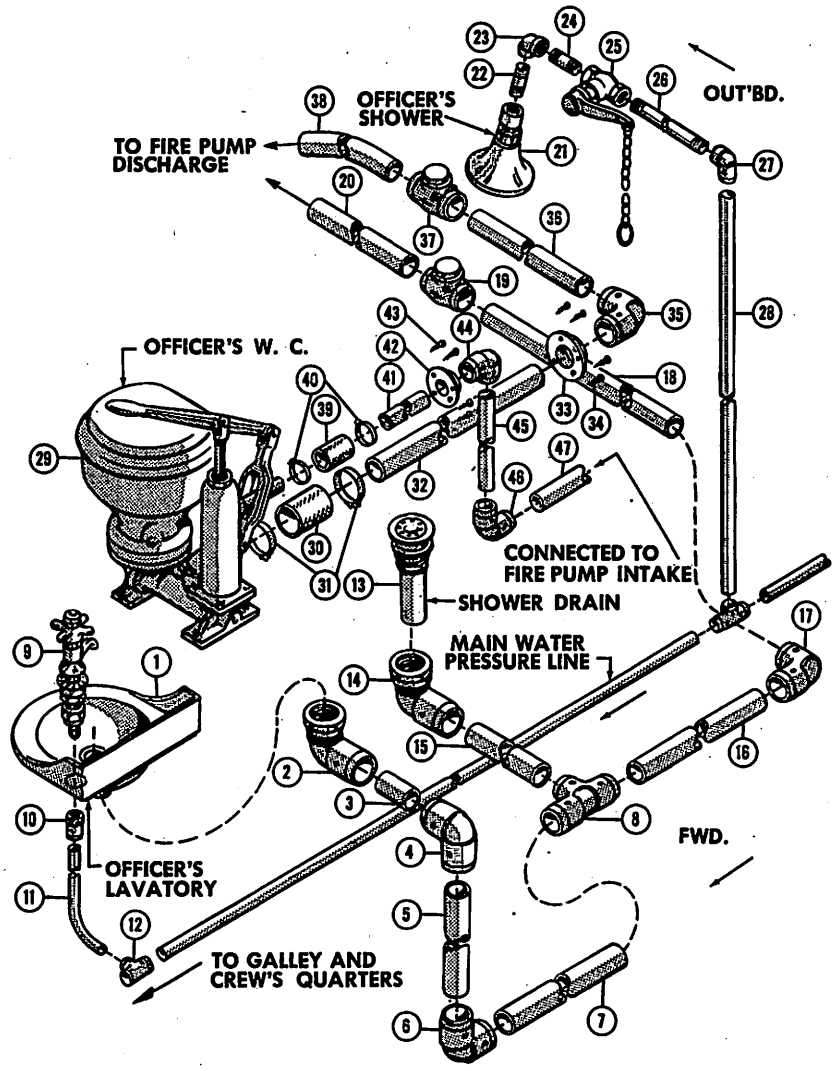


Figure 31—Officers' Lavatory, Shower, and Toilet Assembly

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY
		OFFICERS' LAVATORY, SHOWER, AND TOILET ASSEMBLY (CONT'D)	
		Officers' Toilet Assy (dwg No. 379-29)	1
31		Outlet Assy	1
31-29	P4049	Closet—Water (Willis)	1
31-30	No Number	Hose—Water rubber 1½ in. ID (Spec. No. 3248) (Goodyear)	1
31-31	AN748-48a	Clamp—Hose SS 1½ in	2
31-32	Comm	Tubing—Water copper type M 1½ in. .049 wall (Spec. No. WW-T-799)	AR
31-33	A3943	Fitting—Thru bulkhead brass 1½ in. C (M.B. Co.)	1
31-34		Screw—FH wood brass No. 10 x 1¼ in.	4
31-35	A7042	Ell—90° brass 1½ in C (M.B. Co.)	1
31-36	Comm	Tubing—Water copper type M 1½ in. .049 wall (Spec. No. WW-T-799)	AR
31-37	*1303	Valve—Swing check brass 1½ in. (Crane)	1
31-38	Comm	Tubing—Water copper type M 1½ in. .049 wall (Spec. No. WW-T-799)	AR
		Inlet Assy	1
31-39	Comm	Hose—Water rubber ¾ in. ID	1
31-40	AN748-24	Clamp—Hose SS ¾ in. ID	2
31-41	Comm	Tubing—Water copper type K soft ¾ in. .065 wall (Spec. No. WW-T-799)	AR
31-42	A4129	Fitting—Thru bulkhead brass ¾ in. C (M.B. Co.)	1
31-43		Screw—FH wood brass No. 10 x 1¼ in.	4
31-44	A1530	Ell—90° brass ¾ in. (M.B. Co.)	1
31-45	Comm	Tubing—Water copper soft type K ¾ in. .065 wall (Spec. No. WW-T-799)	AR
31-46	A1530	Ell—90° brass ¾ in. (M.B. Co.)	1
31-47	Comm	Tubing—Water copper soft type K ¾ in. .065 wall (Spec. No. WW-T-799)	AR

**Size to be specified when ordering.*

FRESH WATER AND SANITARY SYSTEM

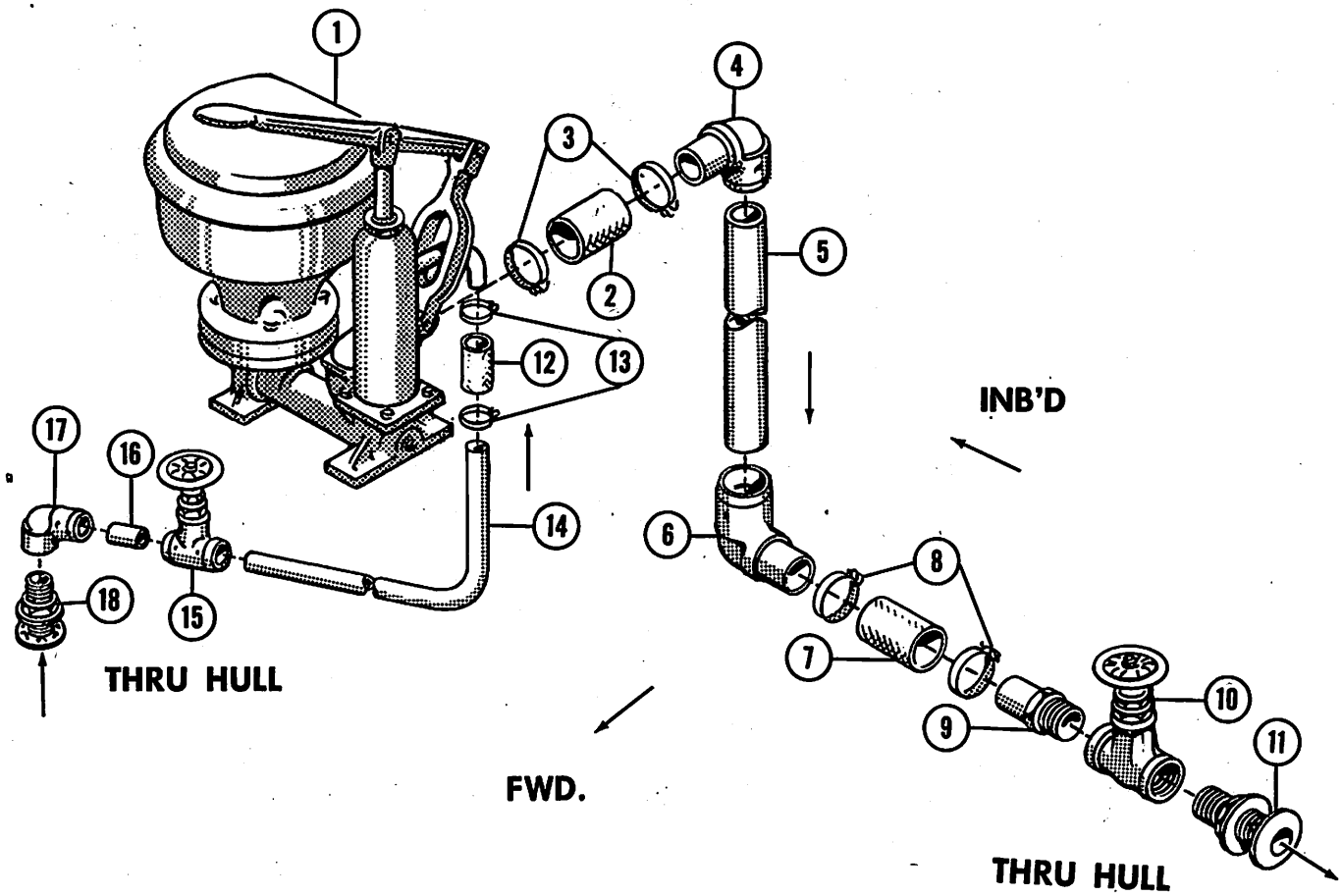


Figure 32—Crew Toilet Assembly

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY
		CREW TOILET ASSEMBLY	
32		Crew Toilet Assy (dwg No. 879-29)	1
32		Outlet Assy	1
32- 1	P4049	Closet—Water (Willis)	1
32- 2	No Number	Hose—Water rubber 1½ in. ID (Spec. No. 3748) (Goodyear)	1
32- 3	AN748-66	Clamp—Hose SS 1½ in.	2
32- 4	W2355	Ell—Street 90° brass 1½ in. C (M.B. Co.)	1
32- 5	Comm	Tubing—Water copper type M 1½ in. .049 wall (Spec. No. WW-T-799)	AR
32- 6	W2355	Ell—Street 90° brass 1½ in. C (M.B. Co.)	1
32- 7	No Number	Hose—Water rubber 1½ in. ID (Spec. No. 3748) (Goodyear)	1
32- 8	AN748-66	Clamp—Hose SS 1½ in.	2
32- 9	A3738	Coupling—Brass ½ C x ¾ in. IPS (M) (M.B. Co.)	1
32-10	449	Valve—Gate brass 1½ in. (Crane)	1
32-11	P1890	Fitting—Thru hull brass ¾ in. IPS (Willis)	1
		Inlet Assy	1
32-12	Comm	Hose—Water rubber ¾ in. ID	1
32-13	AN748-38	Clamp—Hose SS ¾ in.	2
32-14	Comm	Tubing—Water copper soft type K ¾ in. .065 wall (Spec. No. WW-T-799)	AR
32-15	1319	Valve—Gate solder bronze ¾ in. (Crane)	1
32-16	Comm	Tubing—Water copper soft type K ¾ in. .065 wall (Spec. No. WW-T-799)	AR
32-17	A1532	Ell—90° brass ¾ IPS (F) x ¾ C in. (M.B. Co.)	1
32-18	P1890	Fitting—Thru hull brass ¾ in. IPS (Willis)	1

FRESH WATER AND SANITARY SYSTEM

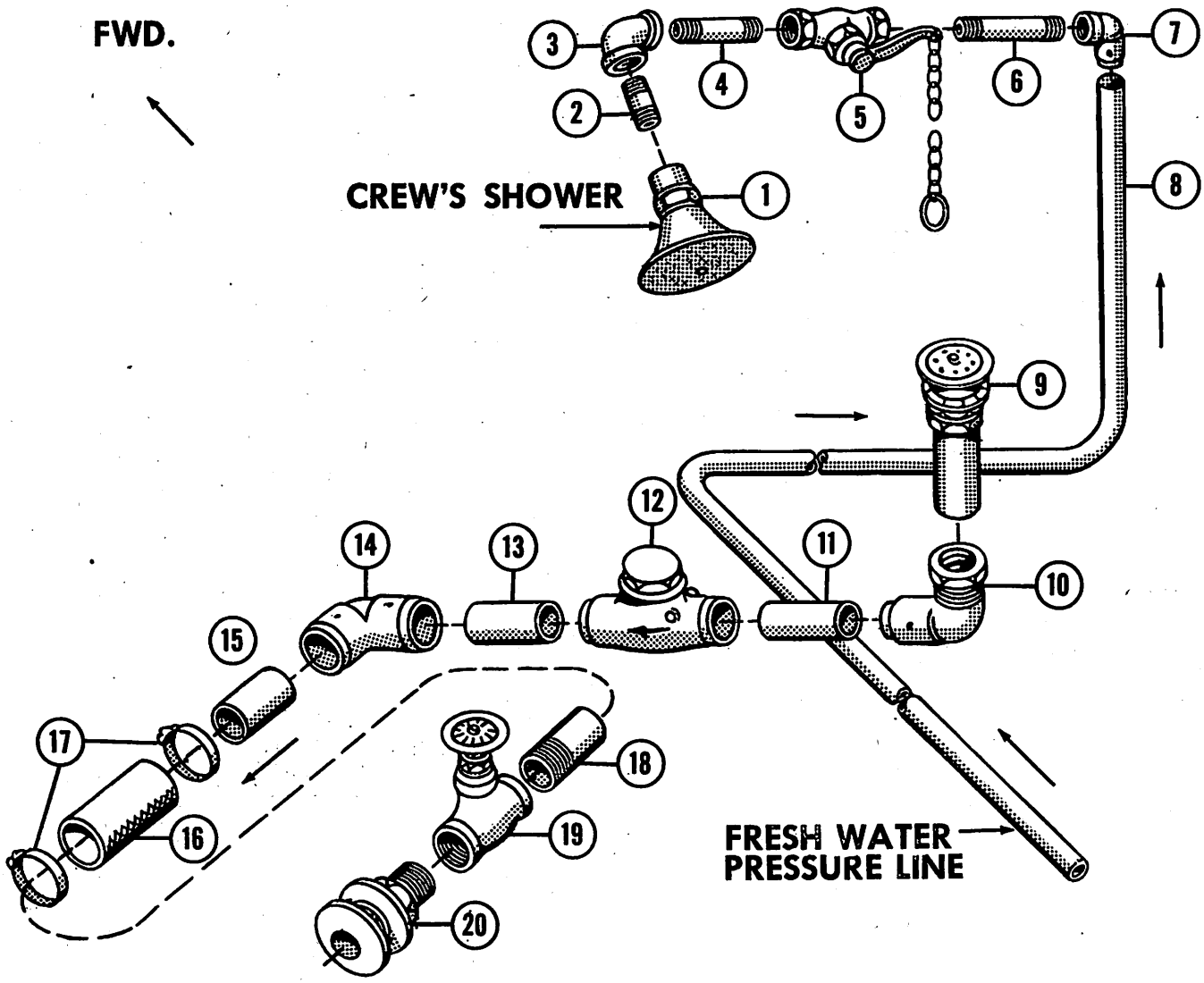


Figure 33—Crew Shower Assembly

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY
		CREW SHOWER ASSEMBLY	
		Crew Shower Assembly (dwg. No. 879-29)	1
33		Inlet Assy	1
33- 1	CM4861	Head—Shower brass chromium plate 4 x ½ x ½ in. IPS (Crane)	1
33- 2	Comm	Pipe—Cast brass chromium plate std wt ½ in. .065 wall (Spec. No. WW-T-791)	AR
33- 3	Comm	Ell—90° std fitting brass ½ in. IPS	1
33- 4	Comm	Pipe—Cast brass chromium plate std wt ½ in. .065 wall (Spec. No. WW-T-791)	AR
33- 5	CM5044	Valve—Shower 19 in. chain with ring pull horiz (Crane)	1
33- 6	Comm	Pipe—Cast brass chromium plate std wt ½ in. .065 wall (Spec. No. WW-T-791)	AR
33- 7	A1506	Ell—90° brass ½ C x ½ IPS (F) in. (M.B. Co.)	1
33- 8	Comm	Pipe—Brass std wt ½ in. .065 wall (Spec. No. WW-T-791)	AR
		Drain Assy	1
33- 9	33-804	Drain—Shower wrought brass 1¼ in. (Crane)	1
33-10	A11361	Joint—Slip 90° brass 1¼ in. (M.B. Co.)	1
33-11	Comm	Tubing—Water copper type M 1¼ in. .042 wall (Spec. No. WW-T-799)	AR
33-12	*1303	Valve—Swing check brass 1¼ in. (Crane)	1
33-13	Comm	Tubing—Water copper type M 1¼ in. .042 wall (Spec. No. WW-T-799)	AR
33-14	A7010	Ell—45° brass 1¼ in. (M.B. Co.)	1
33-15	Comm	Tubing—Water copper type M 1¼ in. .042 wall (Spec. No. WW-T-799)	AR
33-16	No Number	Hose—Water rubber 1¼ in. ID (Spec. No. 3748) (Goodyear)	1
33-17	AN748-58	Clamp—Hose SS 1¼ in	2
33-18	A1588	Nipple—Bronze 1¼ C x 1¼ in. IPS (M.B. Co.)	1
33-19	449-½	Valve—Gate brass 1¼ in. IPS (Crane)	1
33-20	P1890	Fitting—Thru hull bronze 1¼ in. IPS (Willis)	1

**Size to be specified when ordering.*

FRESH WATER AND SANITARY SYSTEM

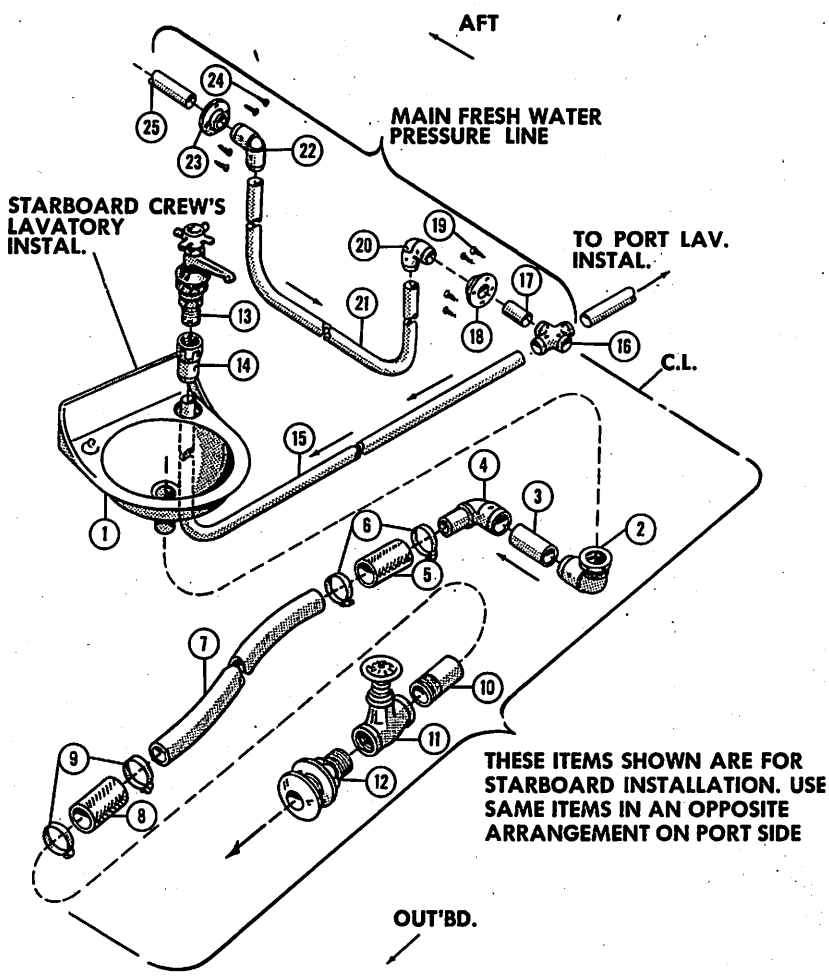


Figure 34—Crew Lavatory Assembly

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY
		CREW LAVATORY ASSEMBLY	
34		Crew Lavatory Assy (dwg No. 379-29)	1
34- 1	1916	Lavatory—Crew's quarters (Willis)	1
		Outlet Assy	1
34- 2	A11361	Joint—Slip 90° brass 1¼ in. (M.B. Co.)	1
34- 3	Comm	Tubing—Water copper type M 1¼ in. .042 wall (Spec. No. WW-T-799)	AR
34- 4	A2652	Ell—Street 90° brass 1¼ in. C (M.B. Co.)	1
34- 5	No Number	Hose—Rubber 1¼ in. ID (Spec. No. 3748) (Goodyear)	AR
34- 6	AN748-66	Clamp—Hose SS 1½ in.	2
34- 7	Comm	Tubing—Water copper type M 1¼ in. .042 wall (Spec. No. WW-T-799)	AR
34- 8	No Number	Hose—Water rubber 1¼ in. ID (Spec. No. 3748) (Goodyear)	1
34- 9	AN748-66	Clamp—Hose SS 1½ in.	2
34-10	A1588	Nipple—Brass 1¼ C x 1¼ in. IPS (M.B. Co.)	1
34-11	449-1½	Valve—Gate brass 1¼ in. IPS (Crane)	1
34-12	P-1890	Fitting—Thru hull brass 1¼ in. IPS (Willis)	1
		Inlet Assy	1
34-13	CM81-970	Faucet—Crew lavatory brass chromium plate ½ in. (Crane)	1
34-14	A3709	Coupling—Brass ½ C x ½ in. IPS (M.B. Co.)	1
34-15	Comm	Tubing—Water copper soft type K ½ in. .049 wall (Spec. No. WW-T-799)	AR
34-16	A2534	Cross—Bronze ½ in. C (M.B. Co.)	1
34-17	Comm	Tubing—Water copper soft type K ½ in. .049 wall (Spec. No. WW-T-799)	AR
34-18	A3735	Fitting—Bulkhead brass ½ in. C (M.B. Co.)	1
34-19	Comm	Screw—FH wood bulkhead fitting attaching brass No. 10 x 1¼ in.	4
34-20	A1505	Ell—90° brass ½ in. C (M.B. Co.)	1
34-21	Comm	Tubing—Water copper soft type K ½ in. .049 wall (Spec. No. WW-T-799)	AR
34-22	A1505	Ell—90° brass ½ in. C (M.B. Co.)	1
34-23	A3735	Fitting—Bulkhead brass ½ in. C (M.B. Co.)	1
34-24	Comm	Screw—FH wood bulkhead fitting attaching brass No. 10 x 1¼ in.	4
34-25	Comm	Tubing—Water copper soft type K ½ in, .049 wall (Spec. No. WW-T-799)	AR

FRESH WATER AND SANITARY SYSTEM

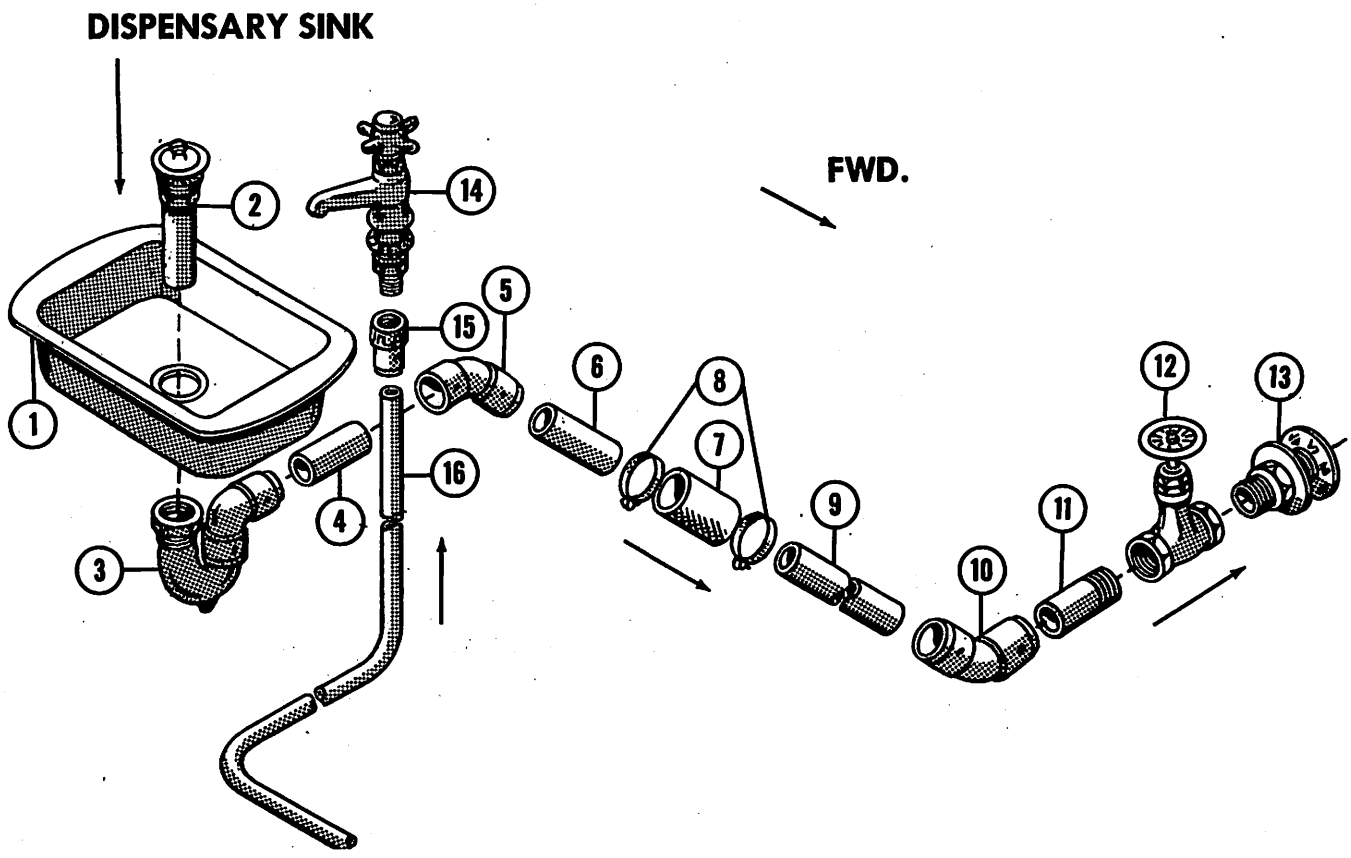


Figure 35—Dispensary Sink Assembly

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY
		DISPENSARY SINK ASSEMBLY	
		Dispensary Sink Assy (dwg No. 379-29)	1
35		Outlet Assy	1
35- 1	P1910	Sink—Dispensary Monel metal (Willis)	1
35- 2	CM33-805	Plug—Waste brass 1¼ in. (Crane)	1
35- 3	A11379	Trap—Brass 1¼ in. (M.B. Co.)	1
35- 4	Comm	Tubing—Water copper type M 1¼ in. .042 wall (Spec. No. WW-T-799)	AR
35- 5	A7010	Ell—45° brass 1¼ in. (M.B. Co.)	1
35- 6	Comm	Tubing—Water copper type M 1¼ in. .042 wall (Spec. No. WW-T-799)	AR
35- 7	No Number	Hose—Rubber 1½ in. ID (Spec. No. 3748) (Goodyear)	1
35- 8	AN748-48a	Clamp—Hose SS 1½ in	2
35- 9	Comm	Tubing—Water copper type M 1¼ in. .042 wall (Spec. No. WW-T-799)	AR
35-10	A7010	Ell—45° brass 1¼ in. (M.B. Co.)	1
35-11	A1588	Nipple—Brass 1¼ C x 1¼ in. IPS (M.B. Co.)	1
35-12	449-1/2	Valve—Gate brass 1¼ in IPS (Crane)	1
35-13	P1890	Fitting—Thru hull bronze 1¼ in. (Willis)	1
35		Inlet Assy	1
35-14	CM31-970	Faucet—Brass ¼ in. (Crane)	1
35-15	A8709	Coupling—Brass ½ C x ¼ in. IPS (M.B. Co.)	1
35-16	Comm	Tubing—Water copper ½ in. .028 wall (Spec. No. WW-T-799)	AR

FRESH WATER AND SANITARY SYSTEM

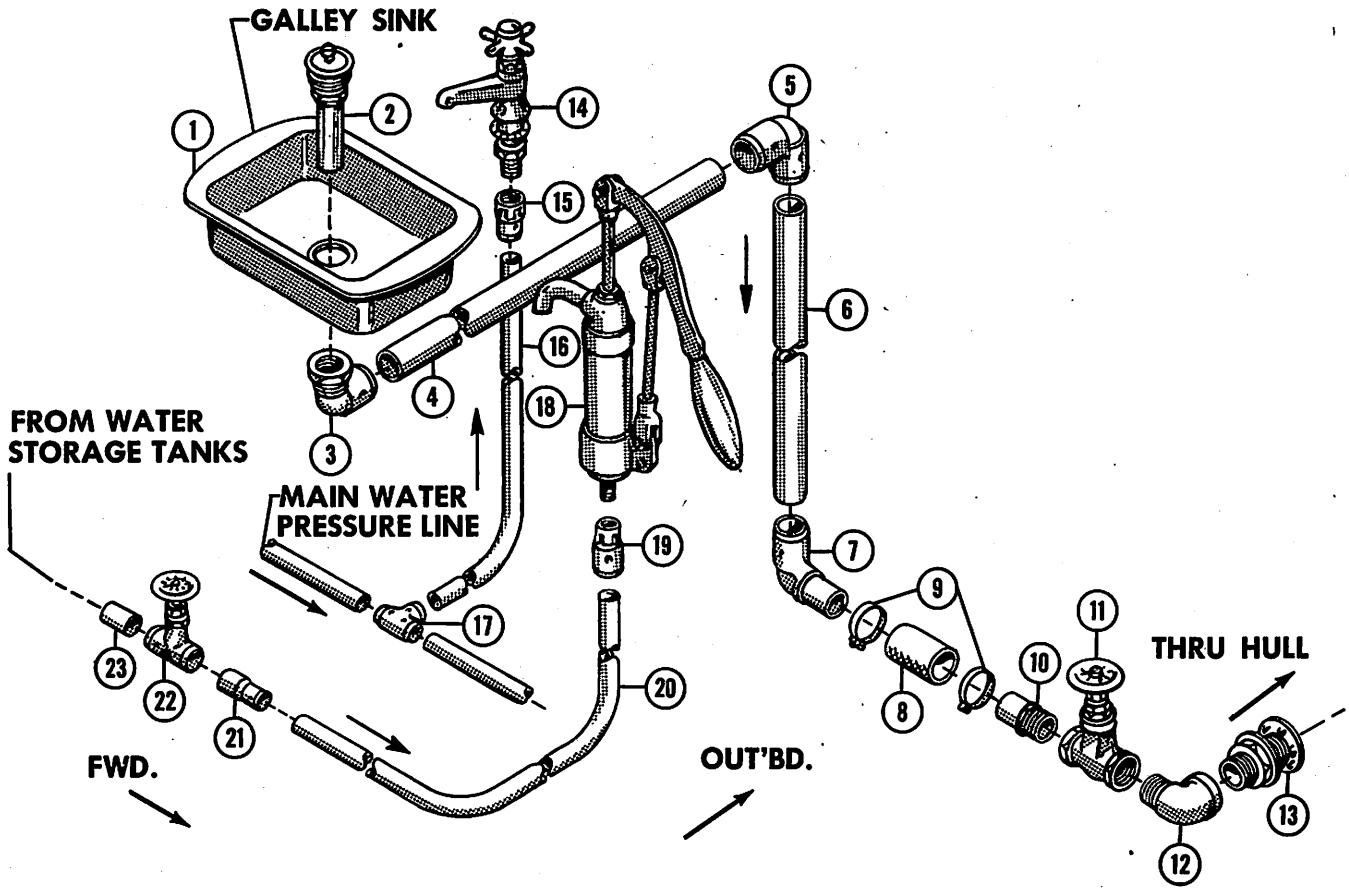


Figure 36—Galley Sink Assembly

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY
		GALLEY SINK ASSEMBLY	
		Galley Sink Assembly (dwg No. 879-29)	
		Galley Sink Assy	1
36		Outlet Assy	1
36- 1	P1910	Sink—Galley Monel metal (Willis)	1
36- 2	CM33-805	Plug—Waste with rubber stopper and 1¼ in. OD tailpiece brass (Crane)	1
36- 3	A11361	Joint—Slip 90° brass 1¼ in. (M.B. Co.)	1
36- 4	Comm	Tubing—Water brass type M 1¼ in. .042 wall (Spec. No. WW-T-799)	AR
36- 5	A7009	Ell—90° brass 1¼ in. C (M.B. Co.)	1
36- 6	Comm	Tubing—Water brass type M 1¼ in. .042 wall (Spec. No. WW-T-799)	AR
36- 7	W2350	Ell—Street 90° brass 1¼ in. C (M.B. Co.)	1
36- 8	No Number	Hose—Water rubber 1¼ in. ID (Spec. No. 3748) (Goodyear)	1
36- 9	*AN748	Clamp—Hose SS 1½ in.	2
36-10	A1588	Nipple—Bronze 1¼ C x 1¼ in. IPS (M.B. Co.)	1
36-11	449-½	Valve—Gate bronze 1¼ in. IPS (Crane)	1
36-12	W2350	Ell—Street 90° brass 1¼ in. C (M.B. Co.)	1
36-13	P1890	Fitting—Thru hull bronze ¾ in. IPS (Willis)	1
36		Inlet Assy	1
36-14	CM31-970	Faucet—Brass chromium plated ¼ in. (Crane)	1
36-15	A3709	Coupling—Bronze ½ C x ⅜ in. IPS (M.B. Co.)	1
36-16	Comm	Tubing—Water copper soft type K ½ in. 049 wall (Spec. No. WW-T-799)	AR
36-17	A1511	Tee—Bronze ½ in. C (M.B. Co.)	1
36-18	R8500	Pump—Hand brass	1
36-19	A3709	Coupling—Bronze ½ C x ⅜ in. IPS (M.B. Co.)	1
36-20	Comm	Tubing—Water copper soft type K ½ in. .049 wall (Spec. No. WW-T-799)	AR
36-21	A1537	Bushing—Brass ¾ C x ½ in. C (M. B. Co.)	1
36-22	1319	Valve—Gate solder bronze ¾ in. (Crane)	1
36-23	Comm	Tubing—Water copper soft type K ½ in. .049 wall (Spec. No. WW-T-799)	AR

**Size to be specified when ordering.*

FIRE EXTINGUISHING SYSTEM—CO_2

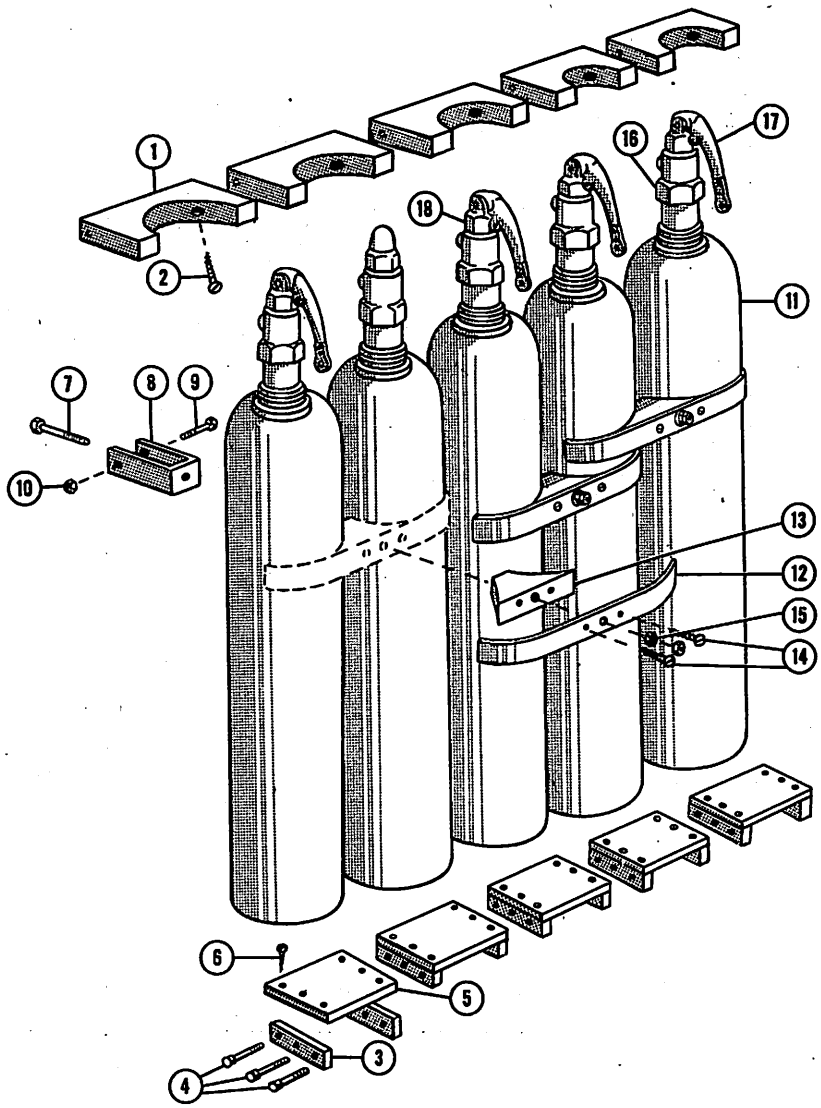


Figure 37—Tank Stowage Assembly

FIGURE & INDEX NUMBER	PART NUMBER		1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY
			TANK STOWAGE ASSEMBLY	
			Fire Extinguishing System—CO_2 (dwg No. 379-30)	NP
37			Tank Stowage Assy (dwg No. 379-30)	1
37- 1	No Number	≐	Saddle—Tank rear spruce 2 x 2⅝ x 9⅛ in. (dwg No. 379-30-M17)	10
37- 2			Screw—FH wood steel galv No. 14 x 3 in.	20
37- 3	No Number	≐	Support—Tank bottom oak ⅞ x 2 x 7 in. (dwg No. 379-30-M16)	10
37- 4			Bolt—Carriage steel galv ½ x 13 x 5 in.	12
			Bolt—Carriage steel galv ½ x 13 x 4 in.	6
			Nut—Steel galv ½-13 in.	18
37- 5	No Number	≐	Plate—Tank support oak ⅞ x 7 x 9⅜ in. (dwg No. 379-30-M15)	5
37- 6			Screw—FH wood steel galv No. 14 x 2 in.	20
37- 7			Bolt—Sq hd steel galv ⅝-11 x 6 in.	3
37- 8	No Number		Clevis—Bolt steel galv ¼ x 2 x 13 in. (dwg No. 379-30-M6)	3
37- 9			Bolt—Sq hd steel galv ½-13 x 3 in.	3
37-10			Nut—Steel galv ½-13	6
37-11			Cylinder—50 lb CO_2	5
37-12	No Number		Strap—Cylinder steel galv ¼ x 2 x 20 in. (dwg No. 379-30-M5)	3
37-13	No Number	≐	Block—Cylinder strap spruce 2 x 2⅝ x 9⅜ in. (dwg No. 379-30-M17)	3
37-14			Screw—FH wood steel galv No. 14 x 2 in.	6
37-15			Nut—Sq hd steel galv ⅝-11	6
37-16	No Number		Head—Discharge type AP-3 (C-O-Two)	4
37-17	B60114		Lever—Release (C-O-Two)	4
37-18			Cover—Acorn protection (C-O-Two)	1

≐ *Obtain raw stock from class indicated.*

FIRE EXTINGUISHING SYSTEM—CO_2

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY
		DISCHARGE PIPING ASSEMBLY	
		Discharge Piping Assembly (dwg No. 379-80)	
38		Discharge Piping Assy	1
38- 1	A50303	Hose—Flexible ½ in. (C-O-Two)	1
38- 2	A1524	Coupling—Bronze ½ C x ½ in. IPS (M.B. Co.)	1
38- 3	Comm	Tubing—Copper hard type K ½ in. .049 wall (Spec. No.WW-T-799)	AR
38- 4	A1505	Elbow—90° bronze ½ C x ½ C in. (M.B. Co.)	1
38- 5	Comm	Tubing—Copper hard type K ½ in. .049 wall (Spec. No. WW-T-799)	AR
38- 6	A1511	Tee—Bronze ½ C x ½ C x ½ C in. (M.B. Co.)	1
38- 7	Comm	Tubing—Copper hard type K ½ in. .049 wall (Spec. No. WW-T-799)	AR
38- 8	A1505	Elbow—90° bronze ½ C x ½ C in. (M.B. Co.)	1
38- 9	Comm	Tubing—Copper hard type K ½ in. .049 wall (Spec. No. WW-T-799)	AR
38-10	A1511	Tee—Bronze ½ C x ½ C x ½ C in. (M.B. Co.)	1
38-11	Comm	Tubing—Copper hard type K ½ in. .049 wall (Spec. No. WW-T-799)	AR
38-12	A1511	Tee—Bronze ½ C x ½ C x ½ C in. (M.B. Co.)	1
38-13	Comm	Tubing—Copper hard type K ½ in. .049 wall (Spec. No. WW-T-799)	AR
38-14	A1505	Elbow—90° bronze ½ C x ½ C in. (M.B. Co.)	1
38-15	Comm	Tubing—Copper hard type K ½ in. .049 wall (Spec. No. WW-T-799)	AR
38-16	A1505	Elbow—90° bronze ½ C x ½ C in. (M.B. Co.)	1
38-17	Comm	Tubing—Copper hard type K ½ in. .049 wall (Spec. No. WW-T-799)	AR
38-18	A1511	Tee—Bronze ½ C x ½ C x ½ C in. (M.B. Co.)	1
38-19	Comm	Tubing—Copper hard type K ½ in. .049 wall (Spec. No. WW-T-799)	AR
38-20	A1505	Elbow—90° bronze ½ C x ½ C in. (M.B. Co.)	1
38-21	379-80-M10	Washer—Brass ⅝ in. ID	AR
38-22	379-80-M11	Screw—FH wood brass No. 8 x 1 in.	AR
38-23	Comm	Tubing—Copper hard type K ½ in. .049 wall (Spec. No. WW-T-799)	AR
38-24	A1501	Coupling—Bronze ½ C x ½ in. IPS (M.B. Co.)	1
38-25	A60164	Nozzle (C-O-Two)	1
38-26	Comm	Tubing—Copper hard type K ½ in. .049 wall (Spec. No. WW-T-799)	AR
38-27	A1505	Elbow—90° bronze ½ C x ½ C in. (M.B. Co.)	1
38-28	Comm	Tubing—Copper hard type K ½ in. .049 wall (Spec. No. WW-T-799)	AR
38-29	A1505	Elbow—90° bronze ½ C x ½ C in. (M.B. Co.)	1
38-30	Comm	Tubing—Copper hard type K ½ in. .049 wall (Spec. No. WW-T-799)	AR
38-31	A1524	Coupling—Bronze ½ C x ½ in. IPS (M.B. Co.)	1
38-32	A60164	Nozzle (C-O-Two)	1
38-33	Comm	Tubing—Copper hard type K ½ in. .049 wall (Spec. No. WW-T-799)	AR
38-34	A1505	Elbow—90° bronze ½ C x ½ C in. (M.B. Co.)	1
38-35	Comm	Tubing—Copper hard type K ½ in. .049 wall (Spec. No. WW-T-799)	AR
38-36	A1505	Elbow—90° bronze ½ C x ½ C in. (M.B. Co.)	1
38-37	Comm	Tubing—Copper hard type K ½ in. .049 wall (Spec. No. WW-T-799)	AE
38-38	A1524	Coupling—Bronze ½ C x ½ in. IPS (M.B. Co.)	1
38-39	A60164	Nozzle (C-O-Two)	1
38-40	Comm	Tubing—Copper hard type K ½ in. .049 wall (Spec. No. WW-T-799)	AR
38-41	A1524	Coupling—Bronze ½ C x ½ in. IPS (M.B. Co.)	1
38-42	A60164	Nozzle (C-O-Two) outside IPS (M.B. Co.)	1
38-43	A50303	Hose—Flexible ½ in. (C-O-Two)	1
38-44	A1524	Coupling—Bronze ½ C x ½ in. IPS (M.B. Co.)	1
38-45	Comm	Tubing—Copper hard type K ½ in. .049 wall (Spec. No. WW-T-799)	AR
38-46	A1511	Tee—Bronze ½ C x ½ C x ½ C in. (M.B. Co.)	1
38-47	Comm	Tubing—Copper hard type K ½ in. .049 wall (Spec. No. WW-T-799)	AR
38-48	A1511	Tee—Bronze ½ C x ½ C x ½ C in. (M.B. Co.)	1
38-49	Comm	Tubing—Copper hard type K ½ in. .049 wall (Spec. No. WW-T-799)	AR
38-50	A1511	Tee—Bronze ½ C x ½ C x ½ C in. (M.B. Co.)	1
38-51	Comm	Tubing—Copper hard type K ½ in. .049 wall (Spec. No. WW-T-799)	AR
38-52	A1511	Tee—Bronze ½ C x ½ C x ½ C in. (M.B. Co.)	1
38-53	Comm	Tubing—Copper hard type K ½ in. .049 wall (Spec. No. WW-T-799)	AR
38-54	A1511	Tee—Bronze ½ C x ½ C x ½ C in. (M.B. Co.)	1
38-55	Comm	Tubing—Copper hard type K ½ in. .049 wall (Spec. No. WW-T-799)	AR
38-56	A1505	Elbow—90° bronze ½ C x ½ C in. (M.B. Co.)	1
38-57	Comm	Tubing—Copper hard type K ½ in. .049 wall (Spec. No. WW-T-799)	AR
38-58	A1501	Coupling—Bronze ½ C x ½ in. outside IPS (M.B. Co.)	1
38-59	No Number	Switch—Pneumatic (C-O-Two)	1
38-60	Comm	Tubing—Copper hard type K ½ in. .049 wall (Spec. No. WW-T-799)	AR
38-61	A1512	Tee—Bronze ½ C x ½ C x ½ in. IPS (M.B. Co.)	1
38-62	A60164	Nozzle (C-O-Two)	1
38-63	Comm	Tubing—Copper hard type K ½ in. .049 wall (Spec. No. WW-T-799)	AR
38-64	A1512	Tee—Bronze ½ C x ½ C x ½ in. IPS (M.B. Co.)	1
38-65	A60164	Nozzle (C-O-Two)	1
38-66	Comm	Tubing—Copper hard type K ½ in. .049 wall (Spec. No. WW-T-799)	AR
38-67	A1505	Elbow—90° bronze ½ C x ½ C in. (M.B. Co.)	1
38-68	Comm	Tubing—Copper hard type K ½ in. .049 wall (Spec. No. WW-T-799)	AR
38-69	A1512	Tee—Bronze ½ C x ½ C x ½ in. IPS (M.B. Co)	1
38-70	A60164	Nozzle (C-O-Two)	1
38-71	Comm	Tubing—Copper hard type K ½ in. .049 wall (Spec. No. WW-T-799)	AR
38-72	A1507	Elbow—90° bronze ½ C x ½ in. IPS (M.B. Co.)	1
38-73	A60164	Nozzle (C-O-Two)	1
38-74	Comm	Tubing—Copper hard type K ½ in. .049 wall (Spec. No. WW-T-799)	AR
38-75	A1505	Elbow—90° bronze ½ C x ½ C in. (M.B. Co.)	1
38-76	Comm	Tubing—Copper hard type K ½ in. .049 wall (Spec. No. WW-T-799)	AR
38-77	A1511	Tee—Bronze ½ C x ½ C x ½ C in. (M.B. Co.)	1
38-78	A1503	Fitting—Bronze ½ C x ½ in. outside IPS (M.B. Co.)	1
38-79	No Number	Valve—Check horiz type ½ in. (C-O-Two)	1
38-80	A1503	Fitting—Bronze ½ C x ½ in. outside IPS (M.B. Co.)	1
38-81	A1511	Tee—Bronze ½ C x ½ C x ½ C in. (M.B. Co.)	1
38-82	Comm	Tubing—Copper hard type K ½ in. .049 wall (Spec. No. WW-T-799)	AR
38-83	A1505	Elbow—90° bronze ½ C x ½ C in. (M.B. Co.)	1
38-84	Comm	Tubing—Copper hard type K ½ in. .049 wall (Spec. No. WW-T-799)	AR
38-85	A1511	Tee—Bronze ½ C x ½ C x ½ C in. (M.B. Co.)	1
38-86	Comm	Tubing—Copper hard type K ½ in. .049 wall (Spec. No. WW-T-799)	AR
38-87	A1524	Coupling—Bronze ½ C x ½ in. IPS (M.B. Co.)	1

FIRE EXTINGUISHING SYSTEM—CO_2

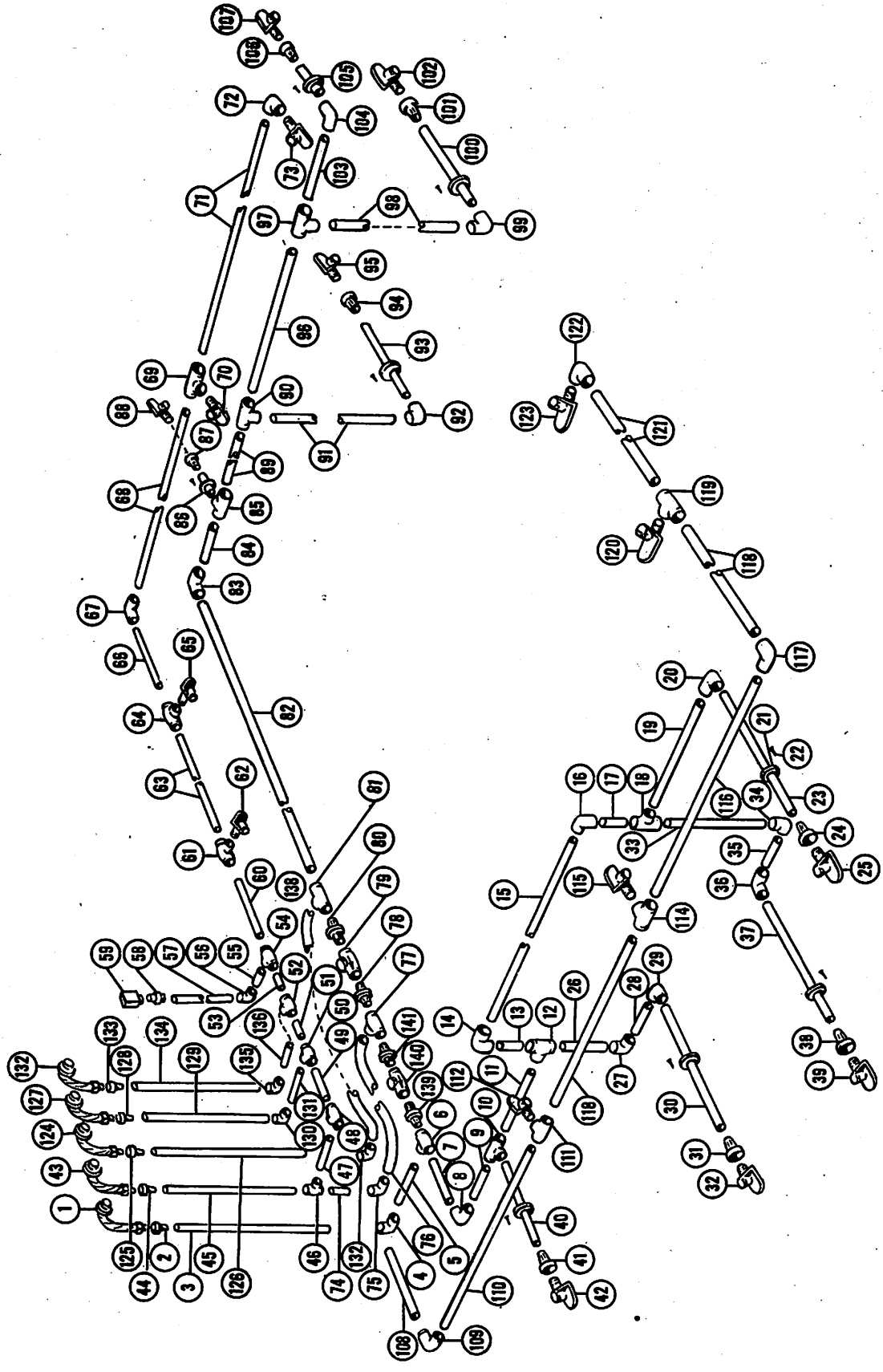


Figure 38—Discharge Piping Assembly

FIRE EXTINGUISHING SYSTEM—CO_2

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY
		DISCHARGE PIPING ASSEMBLY CONT'D)	
38- 88	A60164	Nozzle (C-O-Two)	1
38- 89	Comm	Tubing—Copper hard type K 1½ in. .049 wall (Spec. No. WW-T-799)	AR
38- 90	A1511	Tee—Bronze ½ C x ½ C x ½ C in. (M.B. Co.)	1
38- 91	Comm	Tubing—Copper hard type K ½ in. .049 wall (Spec. No. WW-T-799)	AR
38- 92	A1505	Elbow—90° bronze ½ C x ½ C in. (M.B. Co.)	1
38- 93	Comm	Tubing—Copper hard type K ½ in. .049 wall (Spec. No. WW-T-799)	AR
38- 94	A1524	Coupling—Bronze ½ C x ½ in. IPS (M.B. Co.)	1
38- 95	A60164	Nozzle (C-O-Two)	1
38- 96	Comm	Tubing—Copper hard type K ½ in. .049 wall (Spec. No. WW-T-799)	AR
38- 97	A1511	Tee—Bronze ½ C x ½ C x ½ C in. (M. B. Co.)	1
38- 98	Comm	Tubing—Copper hard type K ½ in. .049 wall (Spec. No. WW-T-799)	AR
38- 99	A1505	Elbow—90° bronze ½ C x ½ C in. (M.B. Co.)	1
38-100	Comm	Tubing—Copper hard type K ½ in. .049 wall (Spec. No. WW-T-799)	AR
38-101	A1524	Coupling—Bronze ½ C x ½ in. IPS (M.B. Co.)	1
38-102	A60164	Nozzle (C-O-Two)	1
38-103	Comm	Tubing—Copper hard type K ½ in. .049 wall (Spec. No. WW-T-799)	AR
38-104	A1505	Elbow—90° bronze ½ C x ½ C in. (M.B. Co.)	1
38-105	Comm	Tubing—Copper hard type K ½ in. .049 wall (Spec. No. WW-T-799)	AR
38-106	A1524	Coupling—Bronze ½ C x ½ in. IPS (M.B. Co.)	1
38-107	A60164	Nozzle (C-O-Two)	1
38-108	Comm	Tubing—Copper hard type K ½ in. .049 wall (Spec. No. WW-T-799)	AR
38-109	A1505	Elbow—90° bronze ½ C x ½ C in. (M.B. Co.)	1
38-110	Comm	Tubing—Copper hard type K ½ in. .049 wall (Spec. No. WW-T-799)	AR
38-111	A1512	Tee—Bronze ½ C x ½ C x ½ in. IPS (M.B. Co.)	1
38-112	A60164	Nozzle (C-O-Two)	1
38-113	Comm	Tubing—Copper hard type K ½ in. .049 wall (Spec. No. WW-T-799)	AR
38-114	A1512	Tee—Bronze ½ C x ½ C x ½ in. IPS (M.B. Co.)	1
38-115	A60164	Nozzle (C-O-Two)	1
38-116	Comm	Tubing—Copper hard type K ½ in. .049 wall (Spec. No. WW-T-799)	AR
38-117	A1505	Elbow—90° bronze ½ C x ½ C in. (M.B. Co.)	1
38-118	Comm	Tubing—Copper hard type K ½ in. .049 wall (Spec. No. WW-T-799)	AR
38-119	A1512	Tee—Bronze ½ C x ½ C x ½ in. IPS (M.B. Co.)	1
38-120	A60164	Nozzle (C-O-Two)	1
38-121	Comm	Tubing—Copper hard type K ½ in. .049 wall (Spec. No. WW-T-799)	AR
38-122	A1507	Elbow—90° bronze ½ C x ½ in. IPS (M.B. Co.)	1
38-123	A60164	Nozzle (C-O-Two)	1
38-124	A50303	Hose—Flexible ½ in. (C-O-Two)	1
38-125	A1524	Coupling—Bronze ½ C x ½ in. IPS (M.B. Co.)	1
38-126	Comm	Tubing—Copper hard type K ½ in. .049 wall (Spec. No. WW-T-799)	AR
38-127	A50303	Hose—Flexible ½ in. (C-O-Two)	1
38-128	A1524	Coupling—Bronze ½ C x ½ in. IPS (M.B. Co.)	1
38-129	Comm	Tubing—Copper hard type K ½ in. .049 wall (Spec. No. WW-T-799)	AR
38-130	A1505	Elbow—90° bronze ½ C x ½ C in. (M.B. Co.)	1
38-131	Comm	Tubing—Copper hard type K ½ in. .049 wall (Spec. No. WW-T-799)	AR
38-132	A50303	Hose—Flexible ½ in. (C-O-Two)	1
38-133	A1524	Coupling—Bronze ½ C x ½ in. IPS (M.B. Co.)	1
38-134	Comm	Tubing—Copper hard type K ½ in. .049 wall (Spec. No. WW-T-799)	AR
38-135	A1505	Elbow—90° bronze ½ C x ½ C in. (M.B. Co.)	1
38-136	Comm	Tubing—Copper hard type K ½ in. .049 wall (Spec. No. WW-T-799)	AR
38-137	A1505	Elbow—90° bronze ½ C x ½ C in. (M.B. Co.)	1
38-138	Comm	Tubing—Copper type K hard ½ in. .049 wall (Spec. No. WW-T-799)	AR
38-139	A1503	Fitting—Bronze ½ x ½ in. outside IPS (M.B. Co.)	1
38-140	No Number	Valve—Check horiz type ½ in. (C-O-Two)	1
38-141	A1501	Coupling—Bronze ½ C x ½ in.	1

FIRE EXTINGUISHING SYSTEM—CO_2

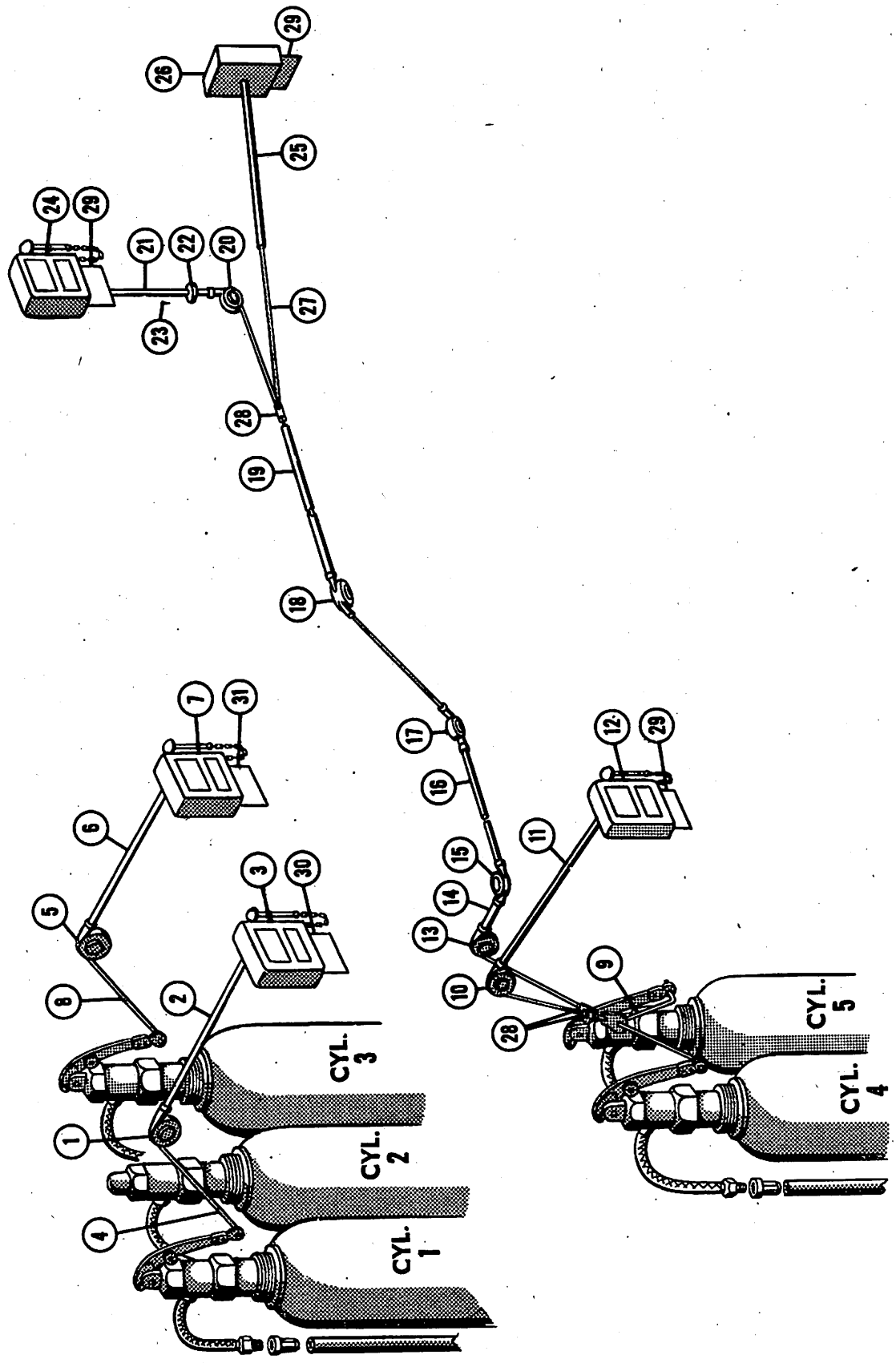


Figure 39—Control Assembly

FIRE EXTINGUISHING SYSTEM—CO_2

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY
		CONTROL ASSEMBLY	
39	No Number	Control Assy (dwg No. 379-30)	
39- 1	No Number	Pulley—End (C-O-Two)	1
39- 2	Comm	Pipe—Conduit std steel galv ⅜ in.	AR
39- 3	B60281	Box—Pull (C-O-Two)	1
39- 4	No Number	Cable—SS 1/8 in. (C-O-Two)	AR
39- 5	No Number	Pulley—End (C-O-Two)	1
39- 6	Comm	Pipe—Conduit std steel galv ⅜ in.	AR
39- 7	B60281	Box—Pull (C-O-Two)	1
39- 8	No Number	Cable—SS 1/8 in. (C-O-Two)	AR
39- 9	No Number	Yoke Assy (C-O-Two)	1
39-10	No Number	Pulley—End (C-O-Two)	1
39-11	Comm	Pipe—Conduit std steel galv ⅜ in.	AR
39-12	B60281	Box—Pull (C-O-Two)	1
39-13	No Number	Pulley—End (C-O-Two)	1
39-14	Comm	Pipe—Conduit std steel galv ⅜ in.	AR
39-15	A60169	Pulley—Corner (C-O-Two)	1
39-16	Comm	Pipe—Conduit std steel galv ⅜ in.	AR
39-17	A60169	Pulley—Corner (C-O-Two)	1
	Comm	Pipe—Conduit std steel galv ⅜ in.	AR
39-18	A60169	Pulley—Corner (C-O-Two)	1
39-19	Comm	Pipe—Conduit std steel galv ⅜ in.	AR
		Screw—FH wood brass No. 8 x 1 in.	AR
39-20	No Number	Pulley—End (C-O-Two)	1
39-21	Comm	Pipe—Conduit std steel galv ⅜ in.	AR
39-22	No Number	Washer—Brass 5/8 in. ID (dwg No. 379-30-M10)	1
39-23		Screw—FH wood brass No. 8 x 1 in.	3
39-24	B60281	Box—Pull (C-O-Two)	1
39-25	Comm	Pipe—Conduit std steel galv ⅜ in.	AR
39-26	B60281	Box—Pull (C-O-Two)	1
39-27	No Number	Cable—SS 1/8 in. (C-O-Two)	AR
39-28	No Number	Clamp—Cable galv iron 1/8 in. (Willis Fig. 358)	2
39-29		Plate—Label plastic (all compartments)	3
39-30		Plate—Label plastic (aft tank compartment)	1
39-31		Plate—Label plastic (fwd tank compartment)	1
		Screw—Oval hd wood brass No. 6 x ¾ in.	20
	No Number	Clamp—Conduit pipe ⅜ in. (C-O-Two)	12
		Screw—RH wood brass No. 6 x ¾ in.	36
		Screw—RH machine steel galv 10-24 x 1½ in.	10
	AN960B10	Washer	10
		Nut—Steel galv 10-24	10

FIRE EXTINGUISHING SYSTEM—FOAMITE AND WATER

		ENGINE ROOM FLOOR LEVEL FOAMITE AND WATER PIPING ASSEMBLY	
40		Foamite and Water Piping Assy—Engine room floor level (dwg No. 379-31)	1
40	379-31-F-1	Sea Chest Assy	1
40- 1	379-3-F-1-3	Bell	
40- 2	379-31-F-1-4	Strainer	1
40- 3		Bolt—FH CSK bronze ¼-20 x 1 in.	4
40- 4		Bolt—FH CSK bronze 5/16-18 x 2½ in.	4
40- 5		Washer—Bronze 5/8 in. ID	4
40- 6		Nut—Hex bronze 5/16-18 in.	4
40- 7		Fitting Assy	1
		Pipe—Brass std wt 3 x 6⅜ in. Am. std PT	1
		Pipe—Brass std wt ¾ x 2¼ in. Am. std PT	1
40- 8	A1532	Elbow—Brass ¾ C ¾ in. IPS	1
40- 9	Comm	Tubing—Copper soft type K ¾ in. .065 wall (Spec. No. WW-T-799)	AR
40-10	1319	Valve—Gate copper ¾ in. (Crane)	1
40-11	Comm	Tubing—Copper soft type K ¾ in. .065 wall (Spec. No. WW-T-799)	AR
40-12	A1530	Ell—Cast brass ¾ C x ¾ C in. (M.B. Co.)	1
40-13	Comm	Tubing—Copper soft type K ¾ in. .065 wall (Spec. No. WW-T-799)	AR
40-14	1303	Valve—Check brass ¾ in. (Crane)	1
40-15		Valve—Angle brass 3 in. No. 2	1
40-16	Comm	Pipe—Brass std wt 3 in. (Spec. No. WW-T-791)	AR
40-17		Ell—90° brass 3 in. IPS	1
40-18	Comm	Pipe—Brass std wt 3 in. (Spec. No. WW-T-791)	AR
40-19	No Number	Hose—Rubber 5-ply 3 ID x 7 in. (Spec. No. 3748) (Goodyear)	1
40-20	AN746-28	Clamp—Hose brass 3½ in.	1
40-21	Comm	Pipe—Brass std wt 3 in. (Spec. No. WW-T-791)	AR
40-22		Tee—Service brass 3 in. IPS	1
40-23		Union—Brass 3 in. IPS	1
40-24		Nipple—Close brass 3 in.	1
40-25		Bushing—Brass 3 x 3½ in.	1
40-26		Bushing—Brass 3 x 1½ in. IPS	1
40-27	A1631	Ell—90° brass 1½ C x 1½ in. outside IPS (M.B. Co.)	1
40-28	Comm	Tubing—Copper hard type K ½ in. .072 wall (Spec. No. WW-T-799)	AR
40-29	A1646	Tee—Brass 1½ C x 1½ C x 1½ C in. (M.B. Co.)	1
40-30	91A	Nipple—Brass 1½ IPS x 1½ in. straight IPS (Crane)	1
40-31	120A	Cap—Hose brass 1½ in. straight IPS (Crane)	1
40-32	Comm	Tubing—Copper hard type K 1½ in. .072 wall (Spec. No. WW-T-799)	AR
40-33	*1319	Valve—Gate copper 1½ in. (Crane)	1

**Size to be specified when ordering.*

FIRE EXTINGUISHING SYSTEM—FOAMITE AND WATER

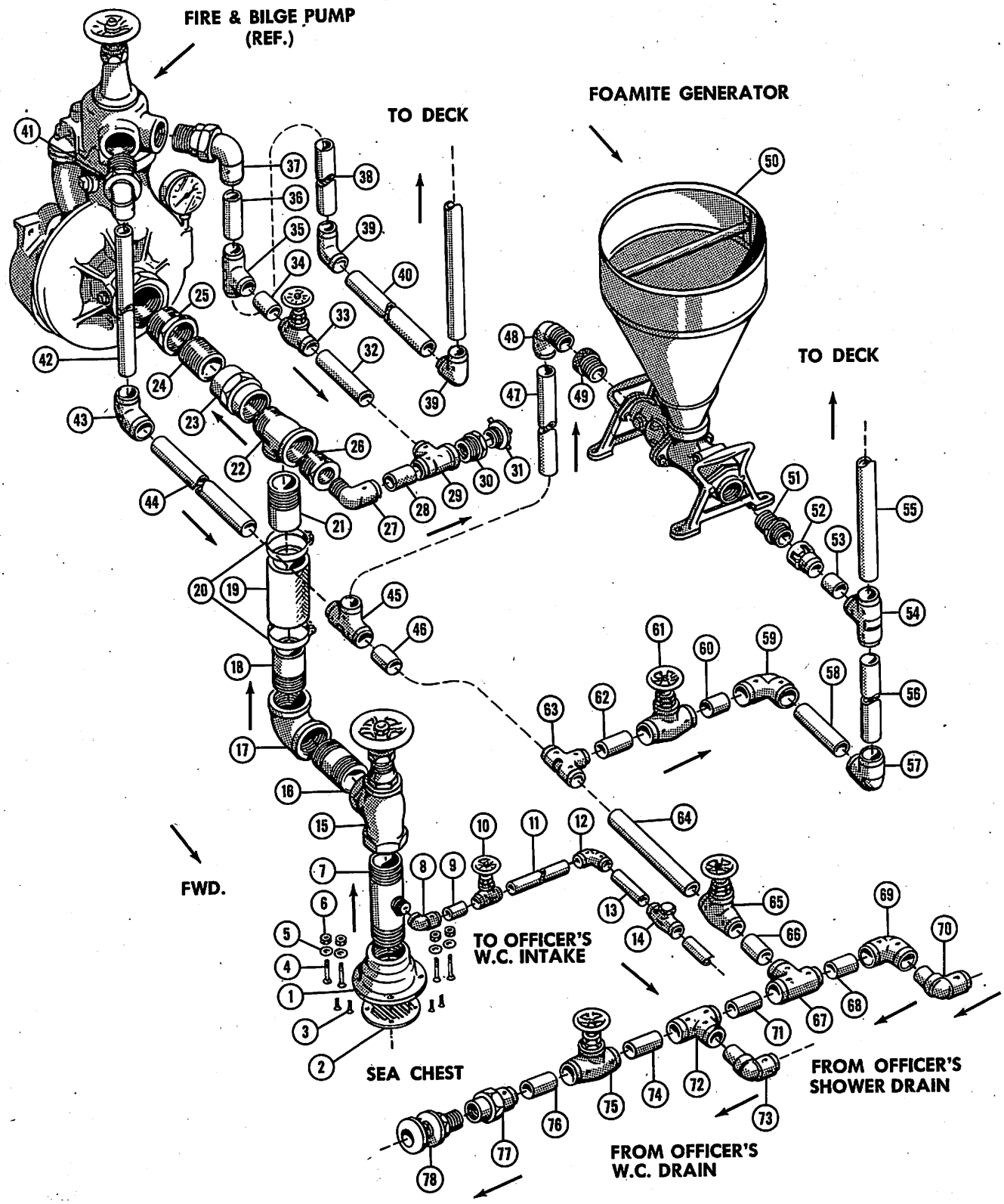


Figure 40—Engine Room Floor Level Foamite and Water Piping Assembly

FIRE EXTINGUISHING SYSTEM—FOAMITE AND WATER

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY
		ENGINE ROOM FLOOR LEVEL FOAMITE AND WATER PIPING ASSEMBLY (CONT'D)	
40-34	Comm	Tubing—Copper hard type K 1½ in. .072 wall (Spec. No. WW-T-799)	AR
40-35	A1642	Tee—Brass 1½ C x 1½ C x 1½ C in. (M.B. Co.)	1
40-36	Comm	Tubing—Copper hard type K 1½ in. .072 wall (Spec. No. WW-T-799)	AR
40-37	A11446	Elbow—Union 1½ in. (M.B. Co.)	1
40-38	Comm	Tubing—Copper hard type K 1½ in. .072 wall (Spec. No. WW-T-799)	AR
40-39	A1629	Elbow—90° brass 1½ C x 1½ C in. (M.B. Co.)	1
40-40	Comm	Tubing—Copper hard type K 1½ in. .072 wall (Spec. No. WW-T-799)	AR
40-41	A11446	Elbow—Union 1½ in. (M.B. Co.)	1
40-42	Comm	Tubing—Copper hard type K 1½ in. .072 wall (Spec. No. WW-T-799)	AR
40-43	A1629	Elbow—90° brass 1½ C x 1½ C in. (M.B. Co.)	1
40-44	Comm	Tubing—Copper hard type K 1½ in. .072 wall (Spec. No. WW-T-799)	AR
40-45	A1642	Tee—Brass 1½ C x 1½ C x 1½ C in. (M.B. Co.)	1
40-46	Comm	Tubing—Copper hard type K 1½ in. .072 wall (Spec. No. WW-T-799)	AR
40-47	Comm	Tubing—Copper hard type K 1½ in. .072 wall (Spec. No. WW-T-799)	AR
40-48	A1631	Ell—90° brass 1½ C x 1½ in. outside IPS (M.B. Co.)	1
40-49	No Number	Adapter—Inlet brass 1½ in. (dwg No. 15-FM-399) (La France)	1
40-50	No Number	Generator—Foamite Model No. 11-C (La France)	1
40-51	No Number	Adapter—Outlet brass 1½ in. (dwg No. 20-FM-3) (La France)	1
40-52	A1667	Coupling—Brass 1½ C x 1½ in. IPS (M.B. Co.)	1
40-53	Comm	Tubing—Copper hard type K 1½ in. .072 wall (Spec. No. WW-T-799)	AR
40-54	A1642	Tee—Brass 1½ C x 1½ C x 1½ C in. (M.B. Co.)	1
40-55	Comm	Tubing—Copper hard type K 1½ in. .072 wall (Spec. No. WW-T-799)	AR
40-56	Comm	Tubing—Copper hard type K 1½ in. .072 wall (Spec. No. WW-T-799)	AR
40-57	A1629	Ell—90° brass 1½ C x 1½ C in. (M.B. Co.)	1
40-58	Comm	Tubing—Copper hard type K 1½ in. .072 wall (Spec. No. WW-T-799)	AR
40-59	A1629	Ell—90° brass 1½ C x 1½ C in. (M.B. Co.)	1
40-60	Comm	Tubing—Copper hard type K 1½ in. .072 wall (Spec. No. WW-T-799)	AR
40-61	*1319	Valve—Gate copper 1½ in. (Crane)	1
40-62	Comm	Tubing—Copper hard type K 1½ in. .072 wall (Spec. No. WW-T-799)	AR
40-63	A1642	Tee—Brass 1½ C x 1½ C x 1½ C in. (M.B. Co.)	1
40-64	Comm	Tubing—Copper hard type K 1½ in. .072 wall (Spec. No. WW-T-799)	AR
40-65	*1319	Valve—Gate copper 1½ in. (Crane)	1
40-66	Comm	Tubing—Copper hard type K 1½ in. .072 wall (Spec. No. WW-T-799)	AR
40-67	A1642	Tee—Brass 1½ C x 1½ C x 1½ C in. (M.B. Co.)	1
40-68	Comm	Tubing—Copper hard type K 1½ in. .072 wall (Spec. No. WW-T-799)	AR
40-69	A2662	Ell—90° brass 1½ C x 1¼ C in. (M.B. Co.)	1
40-70	A2652	Ell—90° brass 1¼ F x 1¼ C in. (M. B. Co.)	1
40-71	Comm	Tubing—Copper hard type K 1½ in. .072 wall (Spec. No. WW-T-799)	AR
40-72	A1642	Tee—Brass 1½ C x 1½ C x 1½ C in. (M.B. Co.)	1
40-73	A2680	Ell—90° brass 1½ F x 1½ C in. (M.B. Co.)	1
40-74	Comm	Tubing—Copper hard type K 1½ in. .072 wall (Spec. No. WW-T-799)	AR
40-75	*1319	Valve—Gate brass 1½ in. (Crane)	1
40-76	Comm	Tubing—Copper hard type K 1½ in. .072 wall (Spec. No. WW-T-799)	AR
40-77	A11426	Union—Brass 1½ C x 1½ in. IPS (M.B. Co.)	1
40-78	P1890	Fitting—Thru hull brass 1½ in. IPS (Willis)	1

* *Size to be specified when ordering.*

FIRE EXTINGUISHING SYSTEM—FOAMITE AND WATER

ITEMS SHOWN ARE FOR PORT INSTALLATION. STARBOARD INSTALLATION HAS SAME PARTS IN AN OPPOSITE ARRANGEMENT

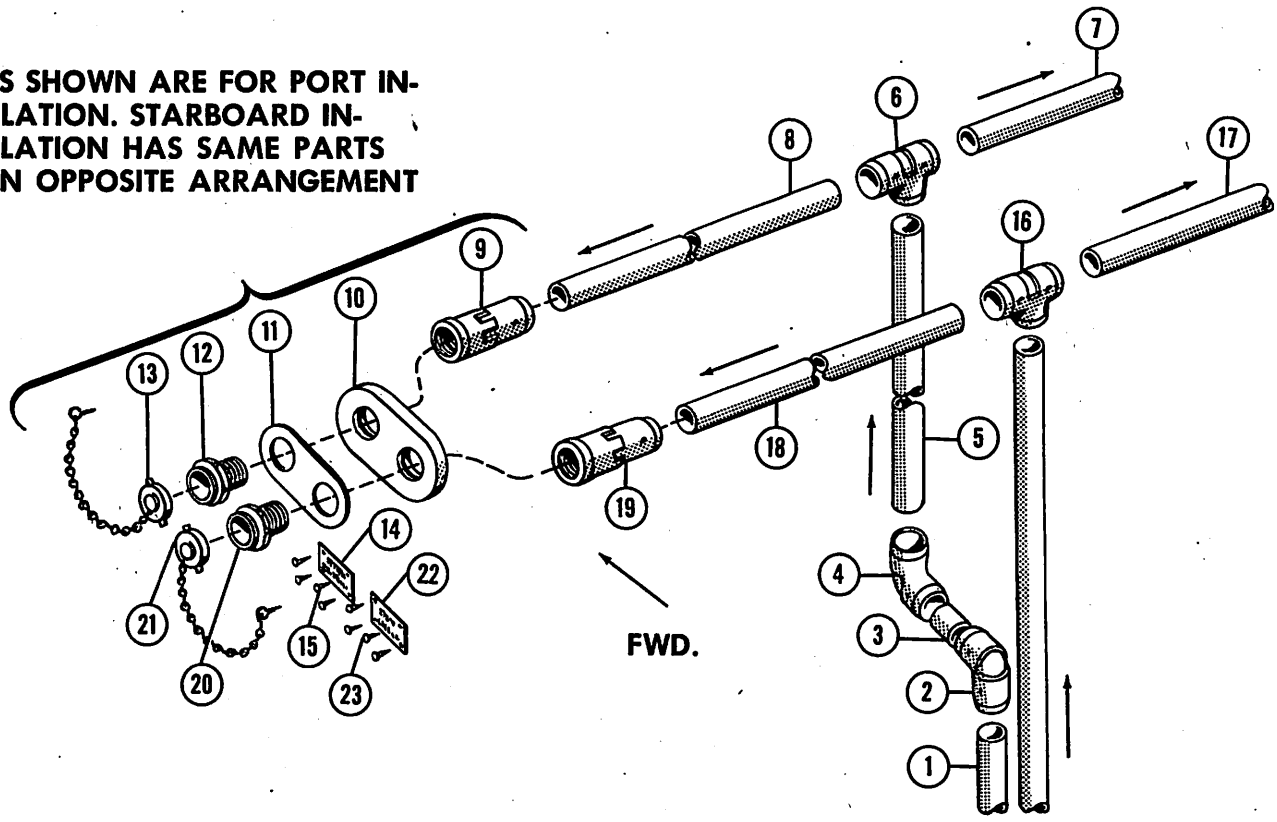


Figure 41—Deck Level Foamite and Water Piping Assembly

FIGURE & INDEX NUMBER	PART NUMBER		1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY
			DECK LEVEL FOAMITE AND WATER PIPING ASSEMBLY (PORT AND STARBOARD)	
41			Foamite and Water Piping Assy—Deck level (port and starboard) (dwg No. 379-31)	1
41- 1	Comm		Tubing—Copper hard type K 1½ in. .072 wall (Spec. No. WW-T-799)	AR
41- 2	A1629		Elbow—90° brass 1½ C x 1½ in. (M.B. Co.)	2
41- 3	Comm		Tubing—Copper hard type K 1½ in. .072 wall (Spec. No. WW-T-799)	AR
41- 4	A1629		Elbow—90° brass 1½ C x 1½ in. IPS (M.B. Co.)	2
41- 5	Comm		Tubing—Copper hard type K 1½ in. .072 wall (Spec. No. WW-T-799)	AR
41- 6	A1642		Tee—Brass 1½ C x 1½ C x 1½ C in. (M.B. Co.)	2
41- 7	Comm		Tubing—Copper hard type K 1½ in. .072 wall (Spec. No. WW-T-799)	AR
41- 8	Comm		Tubing—Copper hard type K 1½ in. .072 wall (Spec. No. WW-T-799)	AR
41- 9	A1667		Coupling—Brass 1½ C x 1½ in. IPS (M.B. Co.)	2
41-10	No Number	≠	Block—Mahogany 1¼ x 6 x 12 in. (dwg No. 379-31-M3)	2
41-11	No Number		Plate—Brass 1/8 x 4½ x 10½ in. (dwg No. 379-31-M3)	2
41-12	91A		Nipple—Brass 1½ IPS x 1½ in. straight IPS (Crane)	2
41-13	120A		Cap—Hose brass with chain 1½ in. straight IPS (Crane)	2
41-14	No Number		Plate—Label laminated plastic (foam or water) (dwg No. 379-31-M6)	2
41-15			Screw—Oval hd wood brass No. 6 x ¾ in.	8
41-16	A1642		Tee—Brass 1½ C x 1½ C x 1½ C in. (M.B. Co.	2
41-17	Comm		Tubing—Copper hard type K 1½ in. .072 wall (Spec. No. WW-T-799)	AR
41-18	Comm		Tubing—Copper hard type K 1½ in. .072 wall (Spec. No. WW-T-799)	AR
41-19	A1667		Coupling—Brass 1½ C x 1½ in. IPS (M.B. Co.)	2
41-20	91A		Nipple—Brass 1½ IPS x 1½ in. straight IPS (Crane)	2
41-21	120A		Cap—Hose brass with chain 1½ in. straight IPS (Crane)	2
41-22	No Number		Plate—Label laminated plastic (suction or water) (dwg No. 379-31-M5)	2
41-23			Screw—Oval hd wood brass No. 6 x ¾ in.	4

≠ *Obtain raw stock from class indicated.*

FIRE EXTINGUISHING SYSTEM—FOAMITE AND WATER

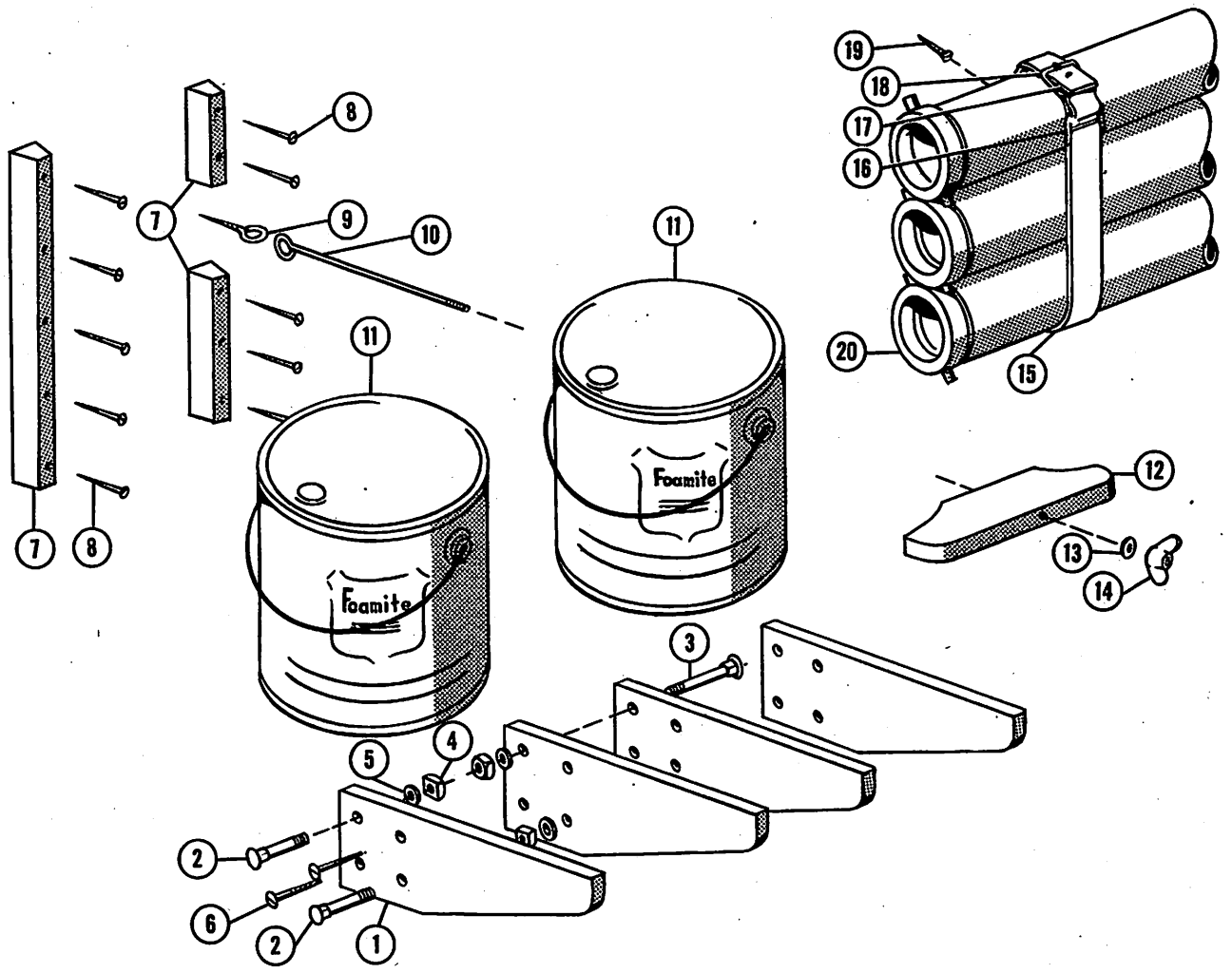


Figure 42—Foamite and Water Stowage Assembly

FIGURE & INDEX NUMBER	PART NUMBER		1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY
			FOAMITE AND WATER STOWAGE ASSEMBLY	
42			Foamite and Water Stowage Assy—Foamite cans and suction hoses (dwg No. 379-31)	1
42- 1	No Number	‡	Bracket—Plywood Douglas fir ¾ x 6 x 18 in. (dwg No. 379-31-M10)	16
42- 2			Bolts—Carriage galv iron ⅜-16 x 3½ in.	4
42- 3			Bolts—Carriage galv iron ⅜-16 x 4 in.	16
42- 4			Nut—Galv iron ⅜-16	20
42- 5	AN960-616		Washer—Brass ⅜ in.	20
42- 6			Screw—FH wood galv iron No. 10 x 1½ in.	32
42- 7	No Number		Strip—Facing oak 1⅞ x 1 x 12 in. (dwg No. 379-31-M12)	9
42- 8			Screw—FH wood galv iron No. 10 x 1½ in.	45
42- 9	501		Eye—Screw steel galv ⅜ x 4 in. (Perko)	4
42-10	No Number		Bolt—Eye steel galv ⅜-16 x 10 in. (dwg No. 379-31-M15)	4
42-11	No Number		Cans—50 lb foamite (I ᵃ France)	8
42-12	No Number		Clamp—Oak 2 x 2 x 10 in. (dwg No. 379-31-M14)	4
42-13	AN960-616		Washer—Brass ⅜ in.	4
42-14			Nut—Wing ⅜-16	4
42	No Number		Hose Hanger Assy—(Dwg No. 379-31)	6
42-15	379-31-M-18		Hanger—Steel galv ¼ x 2 x 16 in.	1
42-16	379-31-M-21		Eye—Piece ¼ in. rod x 6 in.	2
42-17	379-31-M-19		Strap—Fabric 2 in. wide 12 in. long	1
42-18	379-31-M20		Buckle—Steel galv 2 in.	1
42-19			Screw—FH wood galv iron No. 10 x 1½ in.	3
42-20	No Number		Hose—Suction Agra 1½ in. x 17 ft (Crane)	3
	No Number	‡	Hose—Discharge double jacketed rubber lined, style M 1½ in. x 50 ft (Spec. No. 3670) (Goodyear)	2
	97A	‡	Nozzle—Hose 1½ - ½ in. tip (Crane)	2
	4E	‡	Nozzle—Water 1½ x 10 in. (La France)	2

‡ *Obtain raw stock from class indicated.*

BILGE PIPING SYSTEM

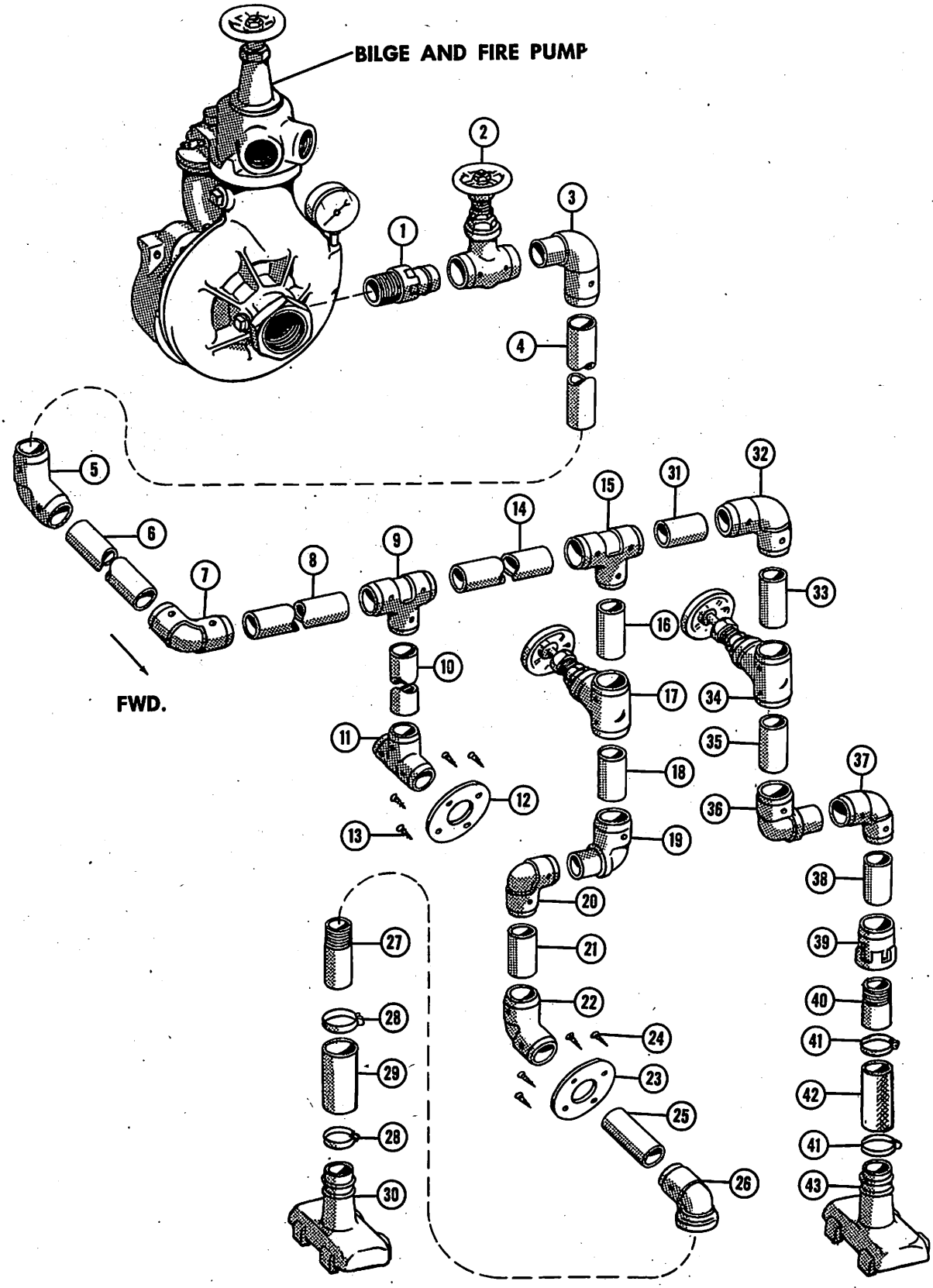


Figure 43—Pump to Strainers Piping Assembly—Bulkhead 42

BILGE PIPING SYSTEM

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY
		PUMP TO STRAINER PIPING ASSEMBLY (BULKHEAD 42)	
		Bilge Piping System (dwg No. 379-6)	
43		Piping Assy—Pump to strainer blkhd 42	1
43- 1	A1588	Coupling—Bronze 1¼ outside IPS x 1¼ F in. (M.B. Co.)	1
43- 2	*1319	Valve—Solder gate brass 1¼ in. (Crane)	1
43- 3	A2652	Ell—Street 90° bronze 1¼ F x 1¼ C in. (M.B. Co.)	1
43- 4	Comm	Pipe—Copper soft type L 1¼ in. OD .055 wall (Spec. No. WW-T-799)	AR
43- 5	A1591	Elbow—90° bronze 1¼ C x 1¼ C in. (M.B. Co.)	1
43- 6	Comm	Pipe—Copper soft type L 1¼ in. OD .055 wall (Spec. No. WW-T-799)	AR
43- 7	A1591	Elbow—90° bronze 1¼ C x 1¼ C in. (M.B. Co.)	1
43- 8	Comm	Pipe—Copper soft type L 1¼ in. OD .055 wall (Spec. No. WW-T-799)	AR
43- 9	A1605	Tee—Bronze 1¼ C x 1¼ C x 1¼ C in. (M.B. Co.)	1
43-10	Comm	Pipe—Copper soft type L 1¼ in. OD .055 wall (Spec. No. WW-T-799)	AR
43-11	A1605	Tee—Bronze 1¼ C x 1¼ C x 1¼ C in. (M.B. Co.)	1
43-12		Flange—Caulking (dwg No. 379-6-16) (LM)	1
43-13	Comm	Screw—FH wood caulking flange attaching bronze 1½ in. No. 10	4
43-14	Comm	Pipe—Copper soft type L 1¼ in. OD .055 wall (Spec. No. WW-T-799)	AR
43-15	A1605	Tee—Bronze 1¼ C x 1¼ C x 1¼ C in. (M.B. Co.)	1
43-16	Comm	Pipe—Copper soft type L 1¼ in. OD .055 wall (Spec. No. WW-T-799)	AR
43-17	*1319	Valve—Solder gate brass 1¼ F in. (Crane)	1
43-18	Comm	Pipe—Copper soft type L 1¼ in. OD .055 wall (Spec. No. WW-T-799)	AR
43-19	A2652	Ell—Street 90° bronze 1¼ F x 1¼ C in. (M.B. Co.)	1
43-20	A1591	Elbow—90° bronze 1¼ C x 1¼ C in. (M.B. Co.)	1
43-21	Comm	Pipe—Copper soft type L 1¼ in. OD .055 wall (Spec. No. WW-T-799)	AR
43-22	A1591	Elbow—90° bronze 1¼ C x 1¼ C in. (M.B. Co.)	1
43-23	No Number	Flange—Caulking (dwg No. 379-6-16)	1
43-24	Comm	Screw—FH wood caulking flange attaching bronze 1½ in. No. 10	4
43-25	Comm	Pipe—Copper soft type L 1¼ in. OD .055 wall (Spec. No. WW-T-799)	AR
43-26	A1594	Ell—90° bronze 1¼ F x 1¼ IPS in. (M.B. Co.)	1
43-27	No Number	Coupling—Hose brass (dwg No. 379-6-2) (LM)	1
43-28	P1446	Clamp—Hose brass 2⅛ in. (Willis)	2
43-29	No Number	Hose—Water rubber style M 5-ply 1½ in. (Spec. No. 3748) (Goodyear)	1
43-30	P1438	Strainer—Bilge brass (Willis)	1
43-31	Comm	Pipe—Copper soft type L 1¼ in. OD .055 wall (Spec. No. WW-T-799)	AR
43-32	A1591	Elbow—90° bronze 1¼ C x 1¼ C in. (M.B. Co.)	1
43-33	Comm	Pipe—Copper soft type L 1¼ in. OD .055 wall (Spec. No. WW-T-799)	AR
43-34	*1319	Valve—Solder gate brass 1¼ F in. (Crane)	1
43-35	Comm	Pipe—Copper soft type L 1¼ in. OD .055 wall (Spec. No. WW-T-799)	AR
43-36	A2652	Ell—Street 90° bronze 1¼ F x 1¼ C in. (M.B. Co.)	1
43-37	A1591	Elbow—90° bronze 1¼ C x 1¼ C in. (M.B. Co.)	1
43-38	Comm	Pipe—Copper soft type L 1¼ in. OD .055 wall (Spec. No. WW-T-799)	AR
43-39	A1622	Coupling—Bronze 1¼ C x 1¼ in. IPS (M.B. Co.)	1
43-40	No Number	Coupling—Hose brass 1½ in. IPS thread (dwg No. 379-6-2) (LM)	1
43-41	P1446	Clamp—Hose brass 2⅛ in. (Willis)	2
43-42	No Number	Hose—Water rubber style M 5-ply 1½ in. (Spec. No. 3748) (Goodyear)	1
43-43	P1438	Strainer—Bilge brass (Willis)	1

		PIPING ASSEMBLY—BULKHEAD 60 AND FRAME 75	
44		Piping Assy—Bulkhead 60 (dwg No. 379-6)	1
44- 1	Comm	Pipe—Copper soft type L 1¼ in. OD .055 wall (Spec. No. WW-T-799)	AR
44- 2	No Number	Flange—Caulking (dwg No. 379-6-16) (LM)	1
44- 3	Comm	Screw—FH wood caulking flange attaching bronze 1½ in. No. 10	4
44- 4	A1605	Tee—Bronze 1¼ C x 1¼ C x 1¼ C in. (M.B. Co.)	1
44- 5	A2652	Ell—Street 90° bronze 1¼ F x 1¼ C in. (M.B. Co.)	1
44- 6	Comm	Pipe—Copper soft type L 1¼ in. OD .055 wall (Spec. No. WW-T-799)	AR
44- 7	A1605	Tee—Bronze 1¼ C x 1¼ C x 1¼ C in. (M.B. Co.)	1
44- 8	A2652	Ell—Street 90° bronze 1¼ F x 1¼ C in. (M.B. Co.)	1
44- 9	Comm	Pipe—Copper soft type L 1¼ in. OD .055 wall (Spec. No. WW-T-799)	AR
44-10	*1319	Valve—Solder gate brass 1¼ in. (Crane)	1
44-11	Comm	Pipe—Copper soft type L 1¼ in. OD .055 wall (Spec. No. WW-T-799)	AR
44-12	A1594	Ell—90° bronze 1¼ F x 1¼ in. IPS (M.B. Co.)	1
44-13	No Number	Coupling—Hose brass (dwg No. 379-6-2) (LM)	1
44-14	P1446	Clamp—Hose brass 2⅛ in. (Willis)	2
44-15	No Number	Hose—Water rubber style M 5-ply 1½ in. (Spec. No. 3748) (Goodyear)	1
44-16	P1438	Strainer—Bilge brass (Willis)	1
44-17	Comm	Pipe—Copper soft type L 1¼ in. OD .055 wall (Spec. No. WW-T-799)	AR
44-18	*1319	Valve—Solder gate brass 1¼ F in. (Crane)	1
44-19	Comm	Pipe—Copper soft type L 1¼ in. OD .055 wall (Spec. No. WW-T-799)	AR
44-20	A1591	Elbow—90° bronze 1¼ C x 1¼ C in. (M.B. Co.)	1
44-21	No Number	Flange—Caulking (dwg No. 379-6-16) (LM)	1
44-22	Comm	Screw—FH wood caulking flange attaching bronze 1½ in. No. 10	4
44-23	Comm	Pipe—Copper soft type L 1¼ in. OD .055 wall (Spec. No. WW-T-799)	AR
44-24	A1594	Ell—90° bronze 1¼ F x 1¼ in. IPS (M.B. Co.)	1
44-25	No Number	Coupling—Hose brass (dwg No. 379-6-2) (LM)	1

**Size to be specified when ordering.*

BILGE PIPING SYSTEM

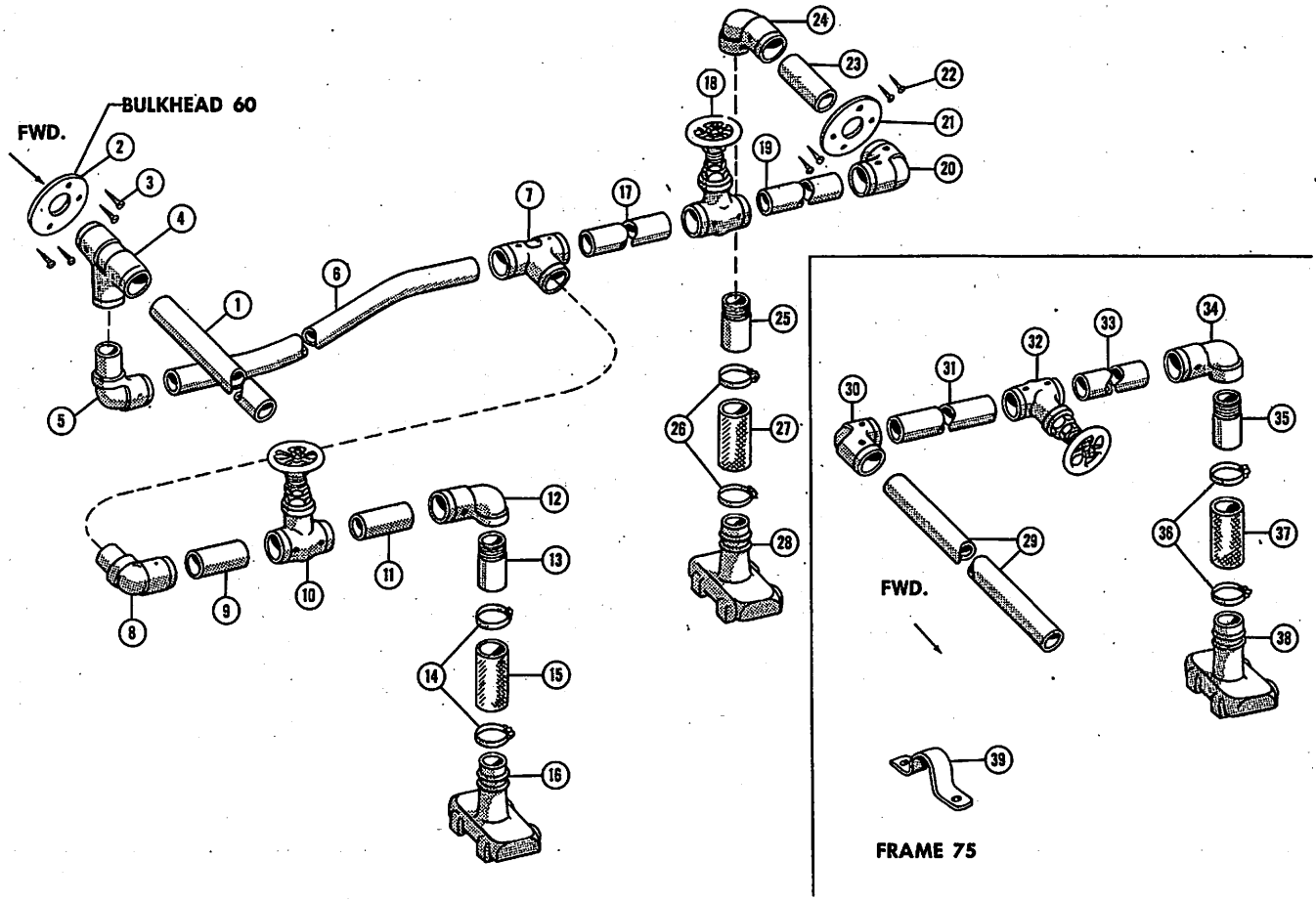


Figure 44—Piping Assembly—Bulkhead 60 and Frame 75

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY
		PIPING ASSEMBLY—BULKHEAD 60 AND FRAME 75 (CONT'D)	
44-26	P1446	Clamp—Hose brass 2⅛ in. (Willis)	2
44-27	No Number	Hose—Water rubber style M 5-ply 1½ in. (Spec. No. 3748) (Goodyear)	1
44-28	P1438	Strainer—Bilge brass (Willis)	1
44		Piping Assy—Frame 75 (dwg No. 379-6)	1
44-29	Comm	Pipe—Copper soft type L 1¼ in. OD .055 wall (Spec. No. WW-T-799)	AR
44-30	A1591	Elbow—90° bronze 1¼ C x 1¼ C in. (M.B. Co.)	1
44-31	Comm	Pipe—Copper soft type L 1¼ in. OD .055 wall (Spec. No. WW-T-799)	AR
44-32	*1319	Valve—Solder gate brass 1¼ F in. (Crane)	1
44-33	Comm	Pipe—Copper soft type L 1¼ in. OD .055 wall (Spec. No. WW-T-799)	AR
44-34	A1591	Ell—90° bronze 1¼ F x 1¼ in. IPS (M.B. Co.)	1
44-35	No Number	Coupling—Hose brass (dwg No. 379-6-2) (LM)	1
44-36	P1446	Clamp—Hose brass 2⅛ in. (Willis)	2
44-37	No Number	Hose—Water rubber style M 5-ply 1½ in. (Spec. No. 3748) (Goodyear)	1
44-38	P1438	Strainer—Bilge brass (Willis)	1
44-39	A2650	Strap—Pipe brass (M.B. Co.)	AR

* *Size to be specified when ordering.*

BILGE PIPING SYSTEM

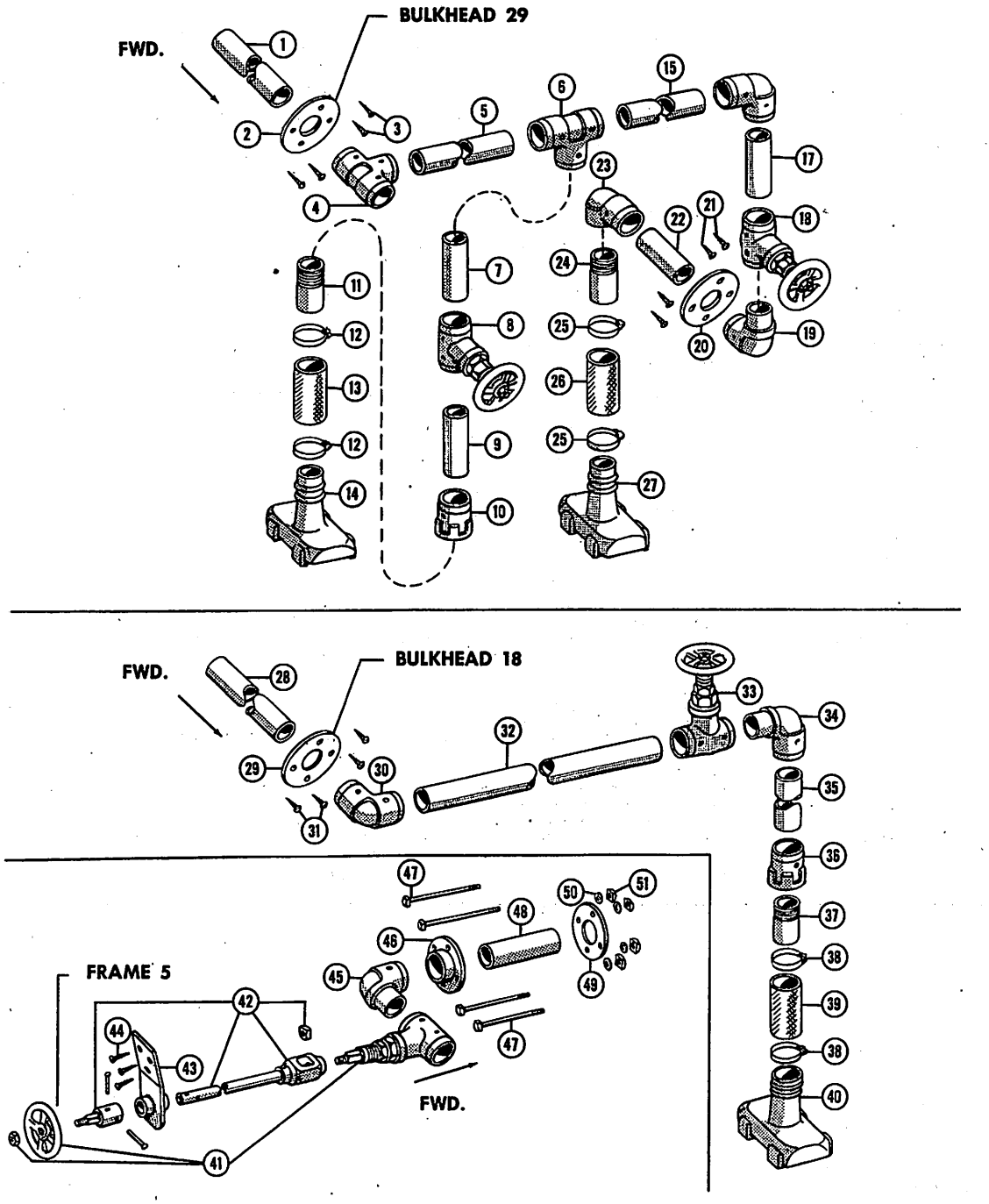


Figure 45—Piping Assembly—Bulkheads 29 and 18, and Frame 5

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY
		PIPING ASSEMBLY—BULKHEADS 29 AND 18, AND FRAME 5	
45		Piping Assy—Bulkhead 29 (dwg No. 379-6)	1
45- 1	Comm	Pipe—Copper soft type L 1¼ in. OD .055 wall (Spec. No. WW-T-799)	AR
45- 2	No Number	Flange—Caulking (dwg No. 379-6-16) (LM)	1
45- 3	Comm	Screw—FH wood caulking flange attaching bronze 1½ in. No. 10	4
45- 4	A1605	Tee—Bronze 1¼ C x 1¼ C x 1¼ C in. (M.B. Co.)	1
45- 5	Comm	Pipe—Copper soft type L 1¼ in. OD .055 wall (Spec. No. WW-T-799)	AR
45- 6	A1605	Tee—Bronze 1¼ C x 1¼ C x 1¼ C in. (M.B. Co.)	1
45- 7	Comm	Pipe—Copper soft type L 1¼ in. OD .055 wall (Spec. No. WW-T-799)	AR
45- 8	*1319	Valve—Solder gate brass 1¼ in. F (Crane)	1

* *Size to be specified when ordering.*

BILGE PIPING SYSTEM

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY
		PIPING ASSEMBLY—BULKHEADS 29 AND 18, AND FRAME 5 (CONT'D)	
45- 9	Comm	Pipe—Copper soft type L 1¼ in. OD .055 wall (Spec. No. WW-T-799)	AR
45-10	A1622	Coupling—Bronze 1¼ C x 1¼ in. IPS (M.B. Co.)	1
45-11	No Number	Coupling—Hose brass (dwg No. 379-6-2) (LM)	1
45-12	P1446	Clamp—Hose brass 2⅛ in. (Willis)	2
45-13	No Number	Hose—Water rubber style M 5-ply 1½ in. ID (Spec. No. 3748) (Goodyear)	1
45-14	P1438	Strainer—Bilge brass (Willis)	1
45-15	Comm	Pipe—Copper soft type L 1¼ in. OD .055 wall (Spec. No. WW-T-799)	AR
45-16	A1591	Elbow—90° bronze 1¼ C x 1¼ C in. (M.B. Co.)	1
45-17	Comm	Pipe—Copper soft type L 1¼ in. OD .055 wall (Spec. No. WW-T-799)	AR
45-18	*1319	Valve—Solder gate brass 1¼ in. F (Crane)	1
45-19	A2652	Ell—Street 90° bronze 1¼ F x 1¼ in. C (M.B. Co.)	1
45-20	No Number	Flange—Caulking (dwg No. 379-6-16) (LM)	1
45-21	Comm	Screw—FH wood caulking flange attaching bronze 1½ in. No. 10	4
45-22	Comm	Pipe—Copper soft type L 1¼ in. OD .055 wall (Spec. No. WW-T-799)	AR
45-23	A1594	Ell—90° bronze 1¼ F x 1¼ in. IPS (M.B. Co.)	1
45-24	No Number	Coupling—Hose brass (dwg No. 379-6-2) (LM)	1
45-25	P1446	Clamp—Hose brass 2⅛ in. (Willis)	2
45-26	No Number	Hose—Water rubber type M 5-ply 1¼ in. ID (Spec. No. 3748) (Goodyear)	1
45-27	P1438	Strainer—Bilge brass (Willis)	1
45		Piping Assy—Bulkhead 18 (dwg No. 379-6)	1
45-28	Comm	Pipe—Copper soft type L 1¼ in. OD .055 wall (Spec. No. WW-T-799)	AR
45-29	No Number	Flange—Caulking (dwg No. 379-6-16) (LM)	1
45-30	Comm	Screw—FH wood caulking flange attaching bronze 1½ in. No. 10	4
45-31	A1591	Elbow—90° bronze 1¼ C x 1¼ C in. (M.B. Co.)	1
45-32	Comm	Pipe—Copper soft type L 1¼ in. OD .055 wall (Spec. No. WW-T-799)	AR
45-33	*1319	Valve—Solder gate brass 1¼ in. F (Crane)	1
45-34	A2652	Ell—Street 90° bronze 1¼ F x 1¼ C in. (M.B. Co.)	1
45-35	Comm	Pipe—Copper soft type L 1¼ in. OD .055 wall (Spec. No. WW-T-799)	AR
45-36	A1622	Coupling—Bronze 1¼ C x 1¼ in. IPS (M.B. Co.)	1
45-37	No Number	Coupling—Hose brass (dwg No. 379-6-2) (LM)	1
45-38	P1446	Clamp—Hose brass 2⅛ in. (Willis)	2
45-39	No Number	Hose—Water rubber type M 5-ply 1¼ in. ID (Spec. No. 3748) (Goodyear)	1
45-40	P1438	Strainer—Bilge brass (Willis)	1
45		Piping Assy—Frame 5 (dwg No. 379-6)	1
45-41	*1319	Valve—Solder gate brass 1¼ in. (Crane)	1
45-42	No Number	Extension Assy—Valve stem brass 3 ft 6 in. long for Crane Valve 1319, 1¼ in.	1
		Coupling—Wheel stem	NP
		Rivet—Wheel stem coupling attaching	NP
		Pipe—Special	NP
		Coupling—Valve stem	NP
		Nut—Valve stem coupling	NP
45-43	No Number	Bracket Assy—Extension valve stem support brass (dwg No. 379-6-14) (LM)	1
45-44	Comm	Screw—FH wood bracket attaching bronze 1½ in. No. 12	8
45-45	A2652	Ell—Street 90° bronze 1¼ F x 1¼ C in. (M.B. Co.)	1
45-46	A3829	Flange—Std companion bronze 1¼ x 1¼ in. (M.B. Co.)	1
45-47	Comm	Bolt—Sq hd flange attaching bronze ¼-20 x 4 in. long	4
45-48	Comm	Pipe—Copper soft type L 1¼ in. OD .055 wall (Spec. No. WW-T-799)	AR
45-49	No Number	Flange—Caulking (dwg No. 379-6-16) (LM)	1
45-50	Comm	Washer—Lock bronze ¼ ID in.	4
45-51	Comm	Nut—Bronze ¼-20 in.	4

HEATING AND VENTILATING SYSTEM

		FORWARD CREW'S QUARTERS HEATING AND VENTILATING ASSEMBLY	
		Heating and Ventilating System (dwg No. 379-27)	NP
46	No Number	Heating and Ventilating Assy—Forward crew's quarters (dwg No. 379-27)	1
46		Fitting Assy—Thru hull cast brass	1
46- 1	379-27-30	Fitting—Thru hull cast brass	1
46- 2	Comm	Bolt—FH thru hull fitting steel galv ¼-28 x 2 in.	6
46- 3	AN960B416	Washer—Thru hull fitting ¼ in.	6
46- 4		Nut—Thru hull fitting steel galv ¼-28	6
46- 5	No Number	Ring—Thru hull fitting cast brass (dwg No. 379-27-31)	1
46- 6	A1586	Coupling—Brass 1¼ C x 1¼ in. (M.B. Co.)	1
46- 7	Comm	Tubing—Copper soft type K 1¼ in. OD .055 wall (Spec. No. WW-T-799)	AR
46- 8	A1586	Coupling—Brass 1¼ C x 1¼ in. (M.B. Co.)	1
46- 9	No Number	Exhaust Hose Assy—Complete with end fittings (dwg No. 379-27-10) (CMHC)	
46-10	No Number	Elbow—Reducing 90° brass 1 IPS x 1¼ in. (Crane)	1
46-11	No Number	Nipple—Brass 1 IPS x ¼ in. (Crane)	1

**Size to be specified when ordering.*

HEATING AND VENTILATING SYSTEM

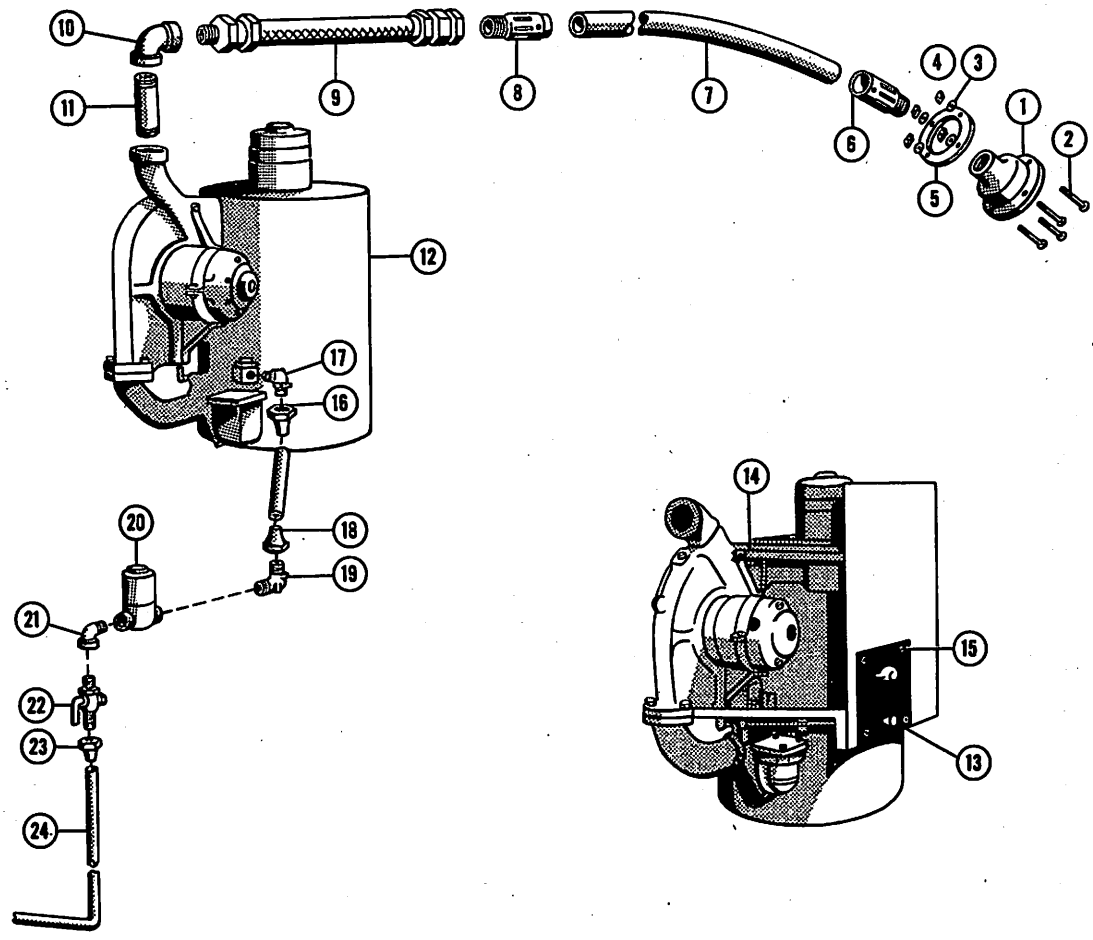


Figure 46—Forward Crew's Quarters Heating and Ventilating Assembly

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY
		FORWARD CREWS' QUARTERS HEATING AND VENTILATING ASSEMBLY (CONT'D)	
46-12		Heater Assy—24-volt forward crew's quarters	1
	No Number	Heater—24-volt, model No. 792-E (St-War)	1
	7228	Nut—Hex brass No. 8-32	10
		Nut—Hex steel No. 8-32	1
		Nut—Hex steel No. 10-32	5
		Washer—Lock steel ¼ in.	14
		Washer—Lock steel No. 8	29
		Washer—Lock steel No. 6	6
	76901	Washer—Lock	1
		Washer—Lock steel No. 10	17
	77204	Washer	3
		Nut—Hex steel ¼-28	14
		Screw—FH machine steel No. 10-32 x ⅜ in.	14
		Screw—FH machine steel No. 6-32 x ¼ in.	4
		Nut—Hex steel No. 8-32	6
		Screw—FH machine steel No. 8-32 x ⅝ in.	3
		Screw—FH machine steel No. 10-32 x ½ in.	1
		Screw—FH machine steel No. 10-32 x 7/16 in.	2
		Screw—FH machine steel No. 8-32 x 7/16 in.	12
		Screw—RH machine steel No. 8-32 x 3 5/16 in.	2
	91011	Washer	6
	91273	Washer	3
	105161	Washer	1
	106218	Igniter—24-volt	1
	470040	Gasket—Carburetor	2
	470569	Gasket—Copper	1
	470647	Gasket—Reigniter	1
	470861	Bracket—Motor	1
	470874	Reigniter	1
	470875	Bracket—Terminal	3
	470876	Screw—Terminal	3
	470877	Stud—Switch mounting	1

HEATING AND VENTILATING SYSTEM

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY
			FORWARD CREW'S QUARTERS HEATING AND VENTILATING ASSEMBLY (CONT'D)	
	470878		Blades and Hub—Fan	1
	470879		Chamber—Combustion	1
	470880		Gasket—Combustion chamber	1
	470882		Bracket	1
	470905		Stud	6
	470916		Seat, Disc, and Stud—Check valve	1
	470917		Gasket—Check valve seat	2
	470918		Stud	14
	470919		Body Casting—Check valve	1
	470921		Cover—Check valve	1
	470926		Impeller—Blower	1
			Screw—Oval hd machine No. 10-32 x 5/8 in.	8
	470975		Tube—Burner	1
	470984		Gasket—Igniter	1
			Screw—Allen set steel No. 10-32 x 1/4 in.	2
	471043		Housing—Blower	1
	471044		Gasket—Intake	2
	471045		Gasket—Exhaust	2
	471046		Gasket—Carburetor	1
	471047		Gasket—Blower	1
	471048		Elbow—Blower	1
	471049		Cover—Blower	1
	471081		Bracket—Blower	1
	471082		Bracket—Blower	1
	471086		Bracket—Motor	1
	471107		Clip—Wire	4
	471109		Switch—Overheat	1
	471289		Plate—Tapping	1
			Plug—Pipe 1/8 in. NPT	1
			Screw—FH machine No. 6-40 x 1/4 in.	2
	471519		Switch and Leads—Thermo-snap	1
	471603		Exchanger—Heat	1
	471621		Bracket	1
	471739		Adapter—Exhaust pipe	1
	471826		Motor—Fan 22-volts	1
	471827		Motor—Blower 15-volts	1
	471830		Plate—Cover	1
	471831		Housing and Brackets	1
	472923		Screw—Fan set	1
		(a)	Heater Mounting Bracket Assy—Forward crew's quarters	1
	No Number		Bracket—Heater mounting steel 14 3/4 x 2 x 1/8 in. (dwg No. 379-27-35)	2
	Comm		Bolt—RH steel galv 1/4-28 x 3 1/4 in.	4
	Comm		Washer—Steel galv 1/4 in.	4
	Comm		Nut—Steel galv 1/4-28	4
	AN8008-9		Foot—Mounting rubber	4
46		(a)	Heater Control Panel Assy—Forward crew's quarters	1
46-13	No Number		Panel—Heater control steel (dwg No. 379-27-39)	1
46-14	Comm		Bracket—Heater control panel mounting 5 1/2 x 1 x 1/8 in. thick (Spec. No. AN-QQ-S-646)	4
46-15	Comm		Screw—RH machine bracket attaching steel 1/4-24 x 1/2 in.	4
	AN960B316		Washer—Bracket attaching 1/4 in.	4
	Comm		Nut—Bracket attaching steel 1/4-24	4
	470904		Carburetor—Used on model No. 792-E heater (St-War)	1
	054		Screw—Float bowl cover short	2
	0337		Gasket—Inlet seat	2
	0676		Gasket—Nozzle gland	1
	0802		Screen—Inlet connection	1
	0992		Washer—Lock	4
	01108		Screw—Float bowl cover	2
	01459		Float	1
	02409		Screw—Inlet connection	1
	02410		Gasket—Inlet connection	1
	02817		Gasket—Nozzle	1
	03369		Pin—Float lever	1
	06124		Spring—Inlet needle	1
	07186		Nozzle	1
	07187		Screw—Body channel plug	1
	07236		Needle and Seat—Inlet	1
	07238		Gasket—Float bowl cover	1
	07244		Cover—Float bowl	1
	07249		Control Assy—Body and Choke	1
	07304		Connection—Inlet	1
	Comm		Screw—Fil-hd machine No. 8-32 x 7/16 in.	1
	Comm		Nut—Hex steel No. 8-32	1
	470977		Bracket—Choke wire	1
46-16	A101		Nut—Flare brass 1/4 in. (M.B. Co.)	1
46-17	A335		Elbow—Half union brass 1/8 IPS x 1/4 in. (M.B. Co.)	1
46-18	A101		Nut—Flare brass 1/4 in. (M.B. Co.)	1
46-19	A335		Elbow—Half union brass 1/8 IPS x 1/4 in. (M.B. Co.)	1
46-20	No Number		Valve—Magnetic shut-off heater (to be furnished with heater) (St-War)	1
46-21	No Number		Elbow—Street brass 1/8 IPS x 1/8 in. IPS (Crane)	1
46-22	27SAE		Cock—Shut-off brass Imperial 1/8 IPS x 1/4 in. (Ducomm)	1
46-23	A101		Nut—Flare brass 1/4 in. (M.B. Co.)	1
46-24	Comm		Tubing—Copper soft 1/4 OD x .035 in. wall (Spec. No. WW-T-799)	AR

(a) *Nonprocurable.*

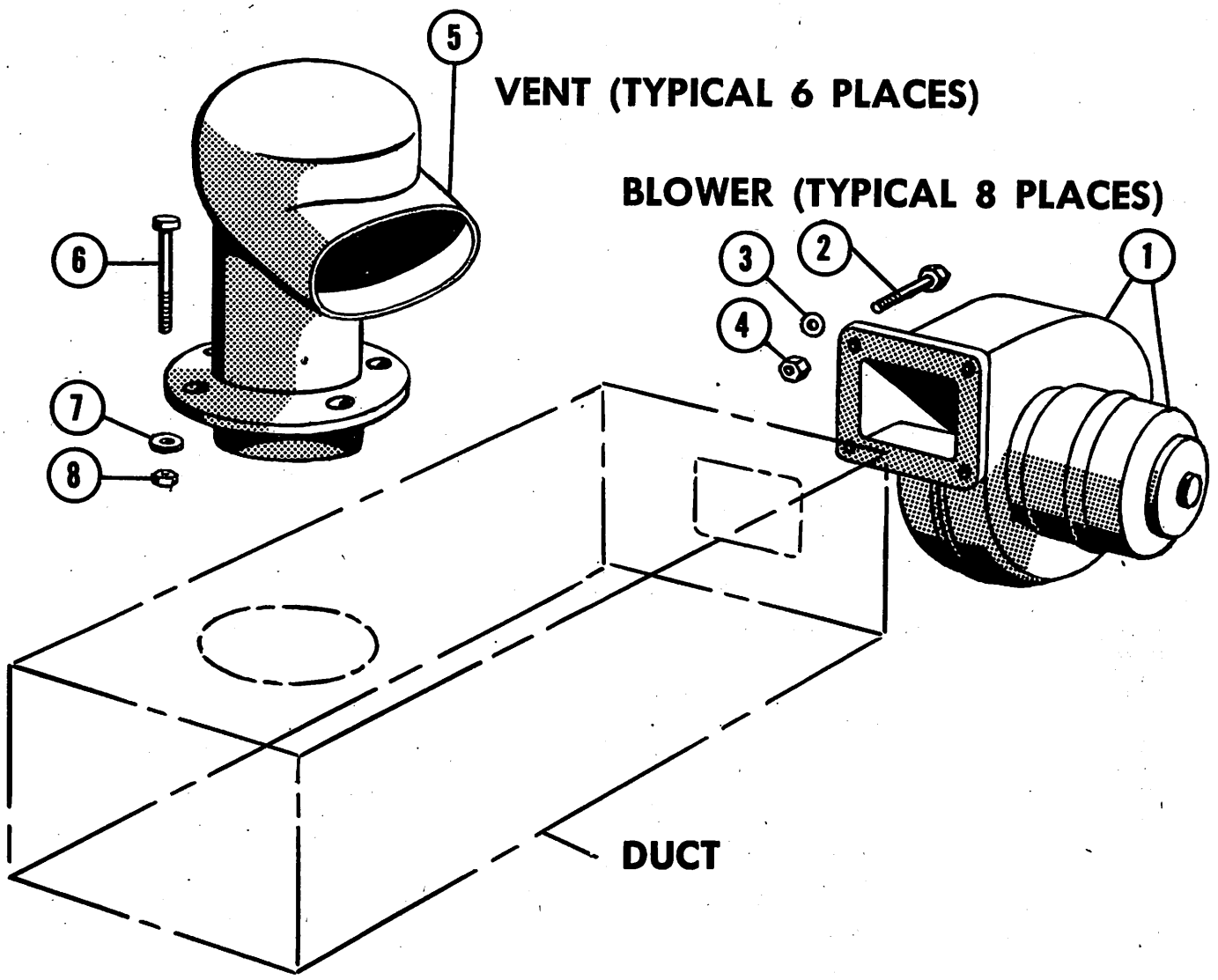


Figure 47—Forward Crew's Quarters, Blower and Vent Assembly

FIGURE & INDEX NUMBER	PART NUMBER		1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY
			FORWARD CREW'S QUARTERS' BLOWER AND VENT ASSEMBLY	
		(a)	Blower Assy—Forward crew's quarters	2
47	Comm		Screw—FH wood steel galv ½ in. No. 6	3
	P1207		Catch—Friction brass (Willis)	1
47- 1	P104		Blower—180 CFM 110-volt ac, dc 1 clockwise 1 c-clockwise (Willis)	1
47- 2	Comm		Bolt—Sq hd blower attaching steel galv ¼-28 x 1¼ in.	1
47- 3	AN960B416		Washer—Blower attaching ¼ in.	1
47- 4	Comm		Nut—Blower attaching ¼-28	1
47		(a)	Ventilator Assy—Forward crew's quarters	2
47- 5	P896		Ventilator—Brass 5 ft (Willis)	1
47- 6	Comm		Bolt—FH ventilator attaching steel galv ¼-28 x 3½ in.	2
47- 7	AN960B416		Washer—Ventilator attaching ¼ in.	2
47- 8	Comm		Nut—Ventilator attaching ¼-28 steel galv	2
	Comm		Screw—FH wood steel galv 2 in. x No. 12	4
	Comm		Bolt—Sq hd ventilator attaching steel galv ¼-28 x 1¼ in.	4
	AN960B416		Washer—Ventilator attaching	4
	Comm		Nut—Ventilator attaching steel galv ¼-28	4

(a) *Nonprocurable.*

HEATING AND VENTILATING SYSTEM

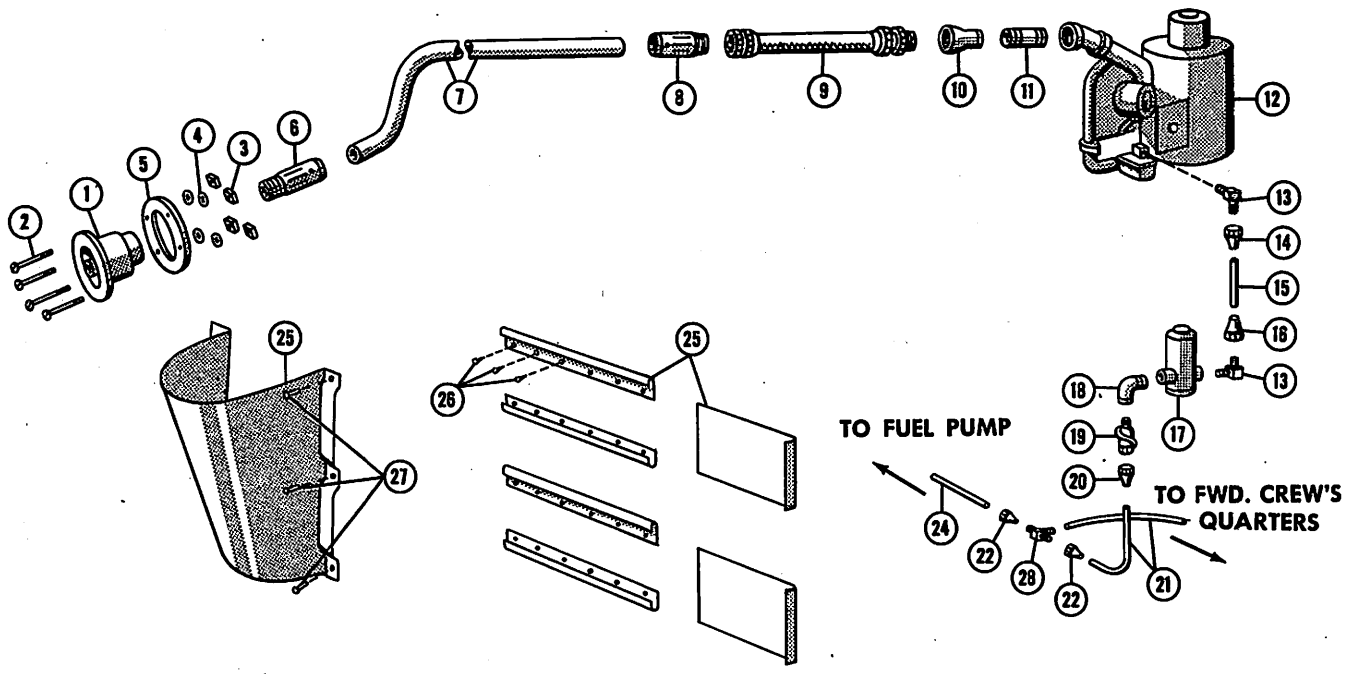


Figure 48—Crew's Quarters Heating and Ventilating Assembly

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY
			CREW'S QUARTERS HEATING AND VENTILATING ASSEMBLY (DWG NO. 379-27)	
48			Heating and Ventilating Assy—Crew's quarters	
48	379-27-30		Fitting Assy—Thru hull cast brass	1
48- 1			Fitting—Thru hull cast brass (LM)	1
48- 2	Comm		Bolt—FH thru hull fitting steel galv ¼-28 x 2 in.	6
48- 3	Comm		Nut—Thru hull fitting steel galv ¼-28	6
48- 4	AN960B416		Washer—Thru hull fitting ¼ in.	6
48- 5	379-27-31		Ring—Thru hull fitting cast brass ¼ in.	1
48- 6	A1586		Coupling—Brass 1¼ C x 1¼ in. (M.B. Co.)	1
48- 7	Comm		Tubing—Copper soft type K 1¼ in. approx 54 ft length .065 wall (Spec. No. WW-T-799)	AR
48- 8	A1586		Coupling—Brass 1¼ C x 1¼ in. (M.B. Co.)	1
48- 9	No Number		Exhaust Hose Assy—Complete with end fittings (dwg No. 379-27-10) (CMHC)	1
48-10	No Number		Reducer—Brass 1 IPS x 1¼ in. (Crane)	1
48-11	No Number		Nipple—Brass 1 IPS x ¼ in. (Crane)	1
48-12		(a)	Heater Assy—24-volt crew's quarters	1
	No Number		Heater—24-volt model No. 792-E (St-War) (component details listed in forward crew's quarters heater)	1
		(a)	Heater Mounting Bracket Assy—Crew's quarters	1
	Comm		Bracket—Heater mounting steel 14¾ x 2 x ⅛ in. (Spec. No. AN-QQ-S-646)	2
	Comm		Bolt—RH steel galv ¼-28 x 4¼ in.	4
	Comm		Washer—Steel galv ¼ in.	4
	Comm		Nut—Steel galv ¼-28	4
	AN8008-9		Foot—Mounting rubber	4
		(a)	Heater Control Panel Assy—Crew's quarters (See fig. 46)	1
	379-29-39		Panel—Heater control steel	1
	Comm		Bracket—Heater control panel mounting steel 5½ x 1 x ⅛ in. thick (Spec. No. AN-QQ-S-646)	4
	Comm		Screw—RH machine bracket attaching steel No. 8-32 x ½ in.	4
	AN960B416		Washer—Bracket attaching	4
	Comm		Nut—Bracket attaching steel 8-32	4
	470904		Carburetor—Used on model No. 792-E heater. (Component details listed in forward crew's quarters heater) (St-War)	1
48-13	A335		Elbow—Half union brass ½ IPS x ¼ in. (M.B. Co.)	2
48-14	A101		Nut—Flare brass ¼ in. (M.B. Co.)	1
48-15	Comm		Tubing—Copper soft ¼ in. OD .035 wall (Spec. No. WW-T-799)	AR
48-16	A101		Nut—Flare brass ¼ in. (M.B. Co.)	1
48-17	No Number		Valve—Magnetic shut-off (to be furnished with heater) (St-War)	1
48-18	No Number		Elbow—Street brass ½ IPS x ⅛ in. (Crane)	1
48-19	27SAE		Cock—Shut-off Imperial brass ½ IPS x ¼ in. (Ducomm)	1
48-20	A101		Nut—Flare brass ¼ in. (M.B. Co.)	1
48-21	Comm		Tubing—Copper soft ¼ in. OD .035 wall (Spec. No. WW-T-799)	AR
48-22	A101		Nut—Flare brass ¼ in. (M.B. Co.)	2
48-23	A340		Tee—Brass ¼ x ¼ x ¼ in. (M.B. Co.)	1
48-24	Comm		Tubing—Copper soft ¼ in. OD .035 wall (Spec. No. WW-T-799)	AR
48-25	No Number		Duct—Hot-air crew's quarters steel galv 25 x 18 in. x 18 gage (dwg No. 379-27-33)	1
48-26	Comm		Screw—FH wood steel galv ½ in. No. 6	24
48-27	Comm		Screw—RH wood steel galv ½ in. No. 6	6

(a) *Nonprocurable.*

HEATING AND VENTILATING SYSTEM

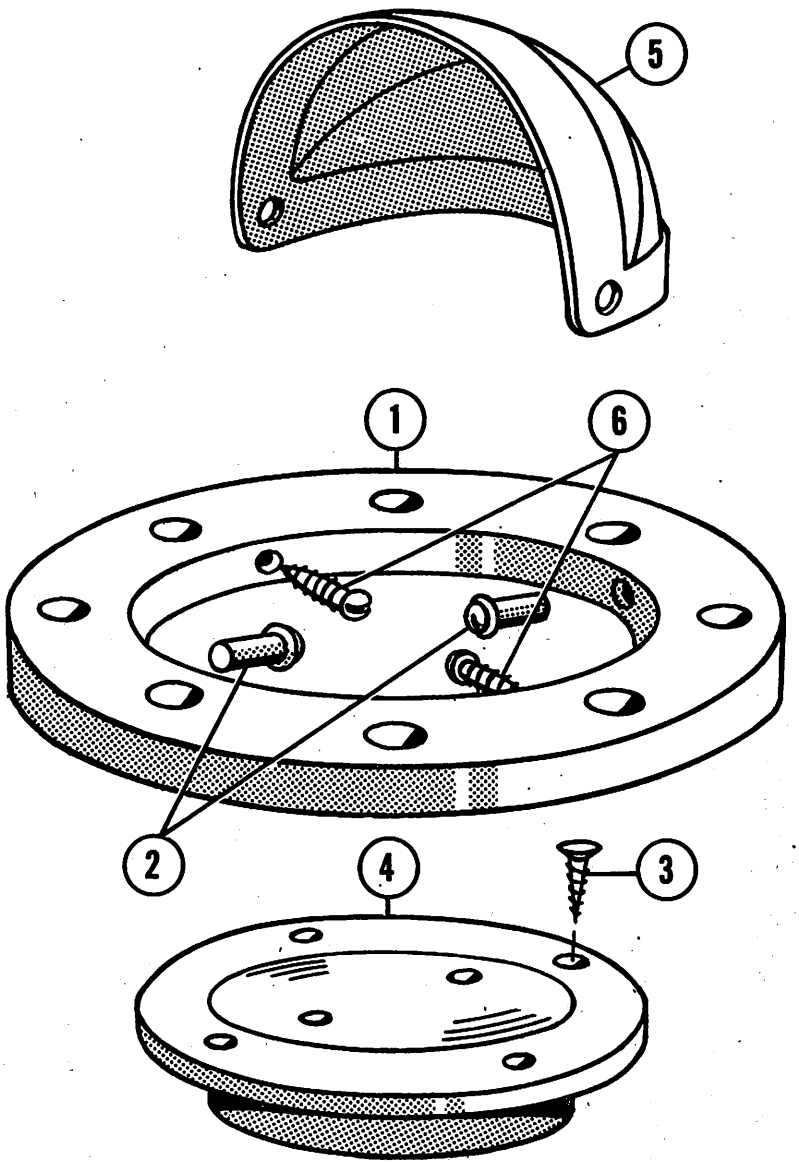


Figure 49—Crew's Quarters Wind Scoop Assembly

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY
		CREW'S QUARTERS HEATING AND VENTILATING ASSEMBLY	
49		Wind Scoop Assy—Crew's quarters	2
49- 1	No Number	Ring—Finishing 8½ x 8½ x ¾ in. (dwg No. 379-27-69) (LM)	1
49- 2	P1185	Catch—Spring brass (Willis)	1
49- 3	Comm	Screw—FH wood steel galv 1 in. No. 10	4
49- 4	P987	Plate—Deck brass 8 ft size (Willis)	1
49- 5	No Number	Scoop—Wind steel galv 14 x 10 in. x 18 gage (dwg No. 379-27-34) (LM)	1
	No Number	Elbow—Street brass ⅛ IPS ⅛ in. (Crane)	1
49- 6	Comm	Screw—RH steel galv 1¼ in. No. 12	2
	P104	Blower—180 CFM 110-volt ac, dc (Willis) (See fig. 47)	1
	No Number	Block—Vent spruce (dwg No. 379-27-48) (LM)	2
	Comm	Bolt—FH steel galv ¼ x 2¼ in.	4
	Comm	Washer—Steel galv ¼-28 in.	4
	Comm	Nut—Steel galv ¼-28	4
	(a)	Ventilator Assy—Crew's quarters	2
	P896	Ventilator—Crew's quarters brass 5 ft size (Willis)	1
	Comm	Bolt—FH steel galv ¼-28 x 3½ in.	2
	Comm	Washer—Steel galv ¼ in.	2
	Comm	Nut—Steel galv ¼-28	2

(a) *Nonprocurable.*

HEATING AND VENTILATING SYSTEM

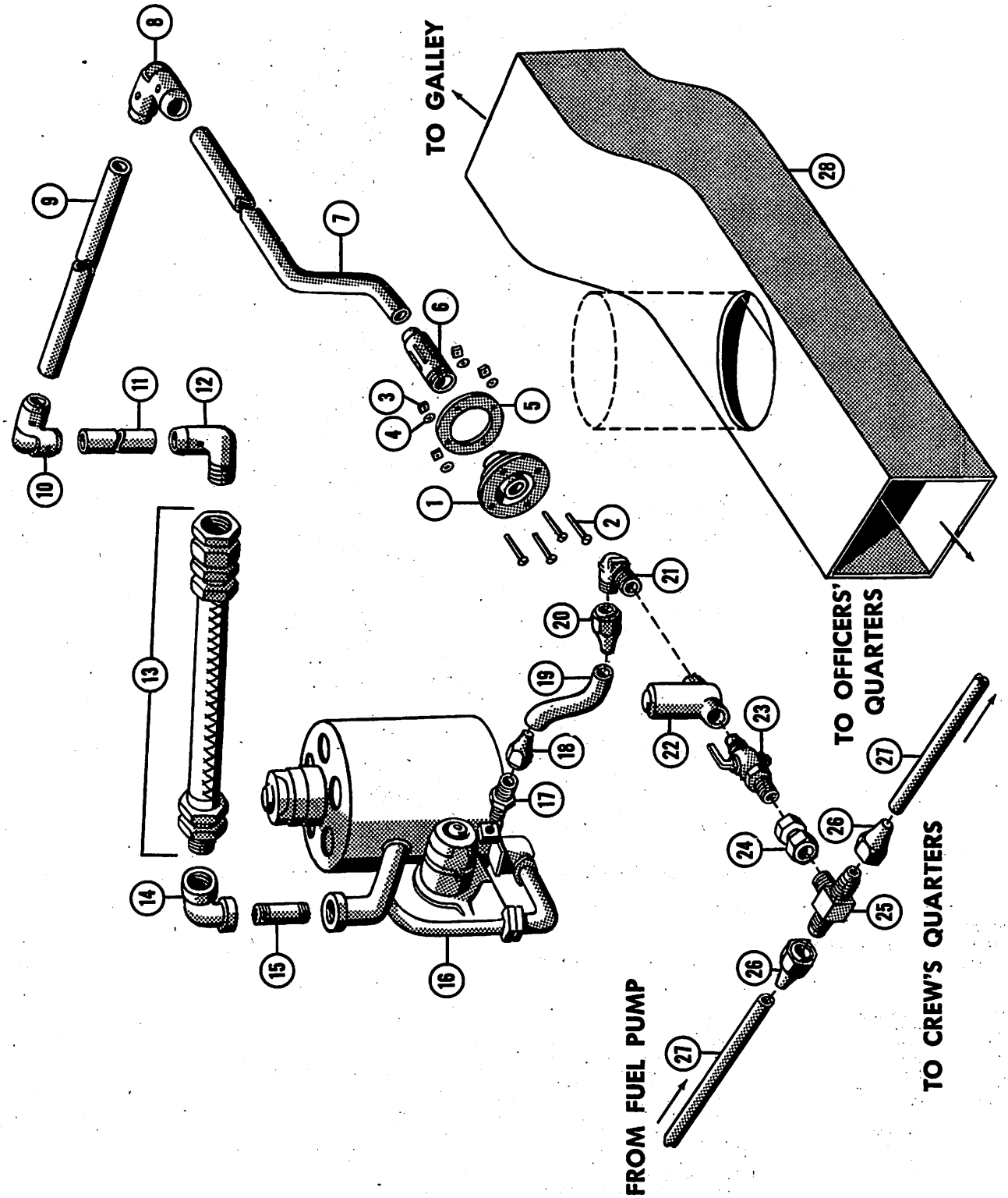


Figure 50—Galley and Officers' Quarters Heating and Ventilating Assembly

HEATING AND VENTILATING SYSTEM

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7	NOMENCLATURE	UNITS PER ASSY
			GALLEY AND OFFICERS' QUARTERS HEATING AND VENTILATING ASSEMBLY	
50			Heating and Ventilating Assy—Galley and officers' quarters	
50	379-27-30		Fitting Assy—Thru hull cast brass	1
50- 1			Fitting—Thru hull cast brass	1
50- 2	Comm		Bolt—FH steel galv ¼-28 x 2 in.	6
50- 3	Comm		Nut—Thru hull fitting ¼-28	6
50- 4	AN960B416		Washer—Thru hull fitting ¼ in.	6
50- 5	No Number		Ring—Thru hull fitting cast brass (dwg No. 379-27-31)	1
50- 6	A1586		Coupling—Brass 1¼ C x 1¼ in. (M.B. Co.)	1
50- 7	Comm		Tubing—Copper soft type K 1¼ ID .055 wall (Spec. No. WW-T-799)	AR
50- 8	A1591		Elbow—90° 1¼ C x 1¼ in. (M.B. Co.)	1
50- 9	Comm		Tubing—Copper soft type K 1¼ ID .055 wall (Spec. No. WW-T-799)	AR
50-10	A1591		Elbow—90° 1¼ C x 1¼ in. (M.B. Co.)	1
50-11	Comm		Tubing—Copper soft type K 1¼ ID .055 wall (Spec. No. WW-T-799)	AR
50-12	A1593		Elbow—90° brass 1¼ C x 1¼ in. (M.B. Co.)	1
50-13	No Number		Exhaust Hose Assy—Complete with end fittings (dwg No. 379-27-10) (LM)	1
50-14	No Number		Elbow—90° reducing brass 1 IPS x 1¼ in. (Crane)	1
50-15	No Number		Nipple—Brass 1 IPS x 1½ in. (Crane)	1
		(a)	Heater Assy—Galley and officers' quarters	1
50-16	No Number		Heater—24-volt model No. 792-E (St-War) (component details listed in forward crew's quarters' heater)	1
		(a)	Heater Mounting Bracket Assy—Galley and officers' quarters	2
	Comm		Bracket—Heater mounting steel 14¾ x 2 x ⅛ in. (Spec. No. AN-QQ-S-646)	2
	Comm		Bolt—RH steel galv ¼-28 x 3¼ in.	4
	Comm		Washer—Steel galv ¼ in.	4
	Comm		Nut—Steel galv ¼-28	4
	AN8008-9		Foot—Mounting rubber	4
		(a)	Heater Control Panel Assy—Galley and officers' quarters (See fig. A)	1
	No Number		Panel—Heater control steel (dwg No. 379-27-39)	1
	Comm		Bracket—Heater control mounting steel 5½ x 1 x ⅛ in. thick (Spec. No. AN-QQ-S-646)	4
	Comm		Screw—RH machine bracket attaching steel ⅛ x ⅛ in.	4
	AN960B316		Washer—Bracket attaching ⅛ in.	4
	Comm		Nut—Bracket attaching steel ⅛-24	4
			Carburetor—Used on model No. 792-E heater (component details listed in forward crew's quarters' heater)	1
50-17	A330		Coupling—Half union brass ⅛ IPS x ¼ in. (M.B. Co.)	1
50-18	A101		Nut—Flare brass ¼ in. (M.B. Co.)	1
50-19	Comm		Tubing—Copper soft ¼ OD x .035 in. wall (Spec. No. WW-T-799)	AR
50-20	A101		Nut—Flare brass ¼ in. (M.B. Co.)	1
50-21	A335		Elbow—Half union brass ⅛ IPS x ¼ in. (M.B. Co.)	1
50-22	No Number		Valve—Magnetic shut-off (St-War)	1
50-23	27SAE		Cock—Shut-off Imperial ⅛ IPS x ¼ in. (Ducomm)	1
50-24	A13563		Connector—Swivel nut valve ¼ in. (M.B. Co.)	1
50-25	A345		Tee—IPS on side brass ⅛ IPS x ¼ x ¼ in. (M.B. Co.)	1
50-26	A101		Nut—Flare brass ¼ in. (M.B. Co.)	1
50-27	Comm		Tubing—Copper soft ¼ OD x .035 in. wall (Spec. No. WW-T-799)	AR
50-28	No Number		Duct—Hot-air galv iron 80 x 28 in. x 20 gage (dwg No. 379-27-32)	1
		(a)	Blower Assy—Galley and officers' quarters	2
	Comm		Bolt—Sq hd steel galv ¼-28 x 3¼ in.	2
	Comm		Nut—Steel galv ¼-28	2
	Comm		Washer—Steel galv ¼ in.	2
	P104		Blower—180 CFM 110-volt ac, dc (Willis)	1

			ENGINE ROOM HEATING AND VENTILATING ASSEMBLY	
51			Heating and Ventilating Assy—Engine room (dwg No. 379-27)	1
51		(a)	Fitting Assy—Thru hull	1
51- 1	No Number		Fitting—Thru hull cast brass (dwg No. 379-27-30) (LM)	1
51- 2	Comm		Bolt—FH steel galv ¼-28 in.	6
51- 3	Comm		Nut—Thru hull fitting ¼-28	6
51- 4	AN960B416		Washer—Thru hull fitting ¼ in.	6
51- 5	No Number		Ring—Thru hull fitting cast brass ¼ in. (dwg No. 379-27-31)	1
51- 6	A1586		Coupling—Brass 1¼ C x 1¼ in. (M.B. Co.)	1
51- 7	Comm		Tubing—Copper soft type K 1¼ in. .055 wall (Spec. No. WW-T-799)	AR
51- 8	A1586		Coupling—Brass 1¼ C x 1¼ in. (M.B. Co.)	1
51- 9	No Number		Exhaust Hose Assy—Complete with end fittings (dwg No. 379-27-10) (CMHC)	1
51-10	No Number		Reducer—Brass 1 IPS x 1¼ in. (Crane)	1
51-11	No Number		Nipple—Brass 1 IPS x 1½ in. (Crane)	1
51-12		(a)	Heater Assy—24-volt engine room	1
	No Number		Heater—24-volt model No. 792-E (St-War) (component details listed in forward crews' quarters' heater)	1
51-13	A335		Elbow—Half union brass ⅛ IPS x ¼ in. (M.B. Co.)	1
51-14	A101		Nut—Flare brass ¼ in. (M.B. Co.)	1
51-15	Comm		Tubing—Copper soft ¼ OD x .035 in. wall (Spec. No. WW-T-799)	AR
51-16	A101		Nut—Flare brass ¼ in. (M.B. Co.)	1
51-17	A330		Coupling—Half union ⅛ IPS x ¼ in. (M.B. Co.)	1
51-18	No Number		Valve—Magnetic shut-off (St-War)	1
51-19	27SAE		Cock—Shut-off Imperial ⅛ IPS x ¼ in. (Ducomm)	1
51-20	A13563		Connector—Swivel nut valve brass ¼ in. (M.B. Co.)	1
51-21	A127		Tee—IPS on end brass ⅛ IPS x ¼ x ¼ in. (M.B. Co.)	1
51-22	A101		Nut—Flare brass ¼ in. (M.B. Co.)	1
51-23	No Number		Pump—Fuel 24-volt model No. 300 Marine brass (Autopulse)	1
51-24	A330		Coupling—Half union brass ⅛ IPS x ¼ in. (M.B. Co.)	1
51-25	A101		Nut—Flare brass ¼ in. (M.B. Co.)	1
51-26	Comm		Tubing—Copper soft ¼ OD x .035 in. wall approx 120 ft (Spec. No. WW-T-799)	AR
51-27	Comm		Tubing—Copper soft ¼ OD x .035 in. wall approx 54 ft (Spec. No. WW-T-799)	AR
51-28	A345		Tee—IPS on side brass ⅛ IPS x ¼ x ¼ in. (M.B. Co.)	1

(a) *Nonprocurable.*

HEATING AND VENTILATING SYSTEM

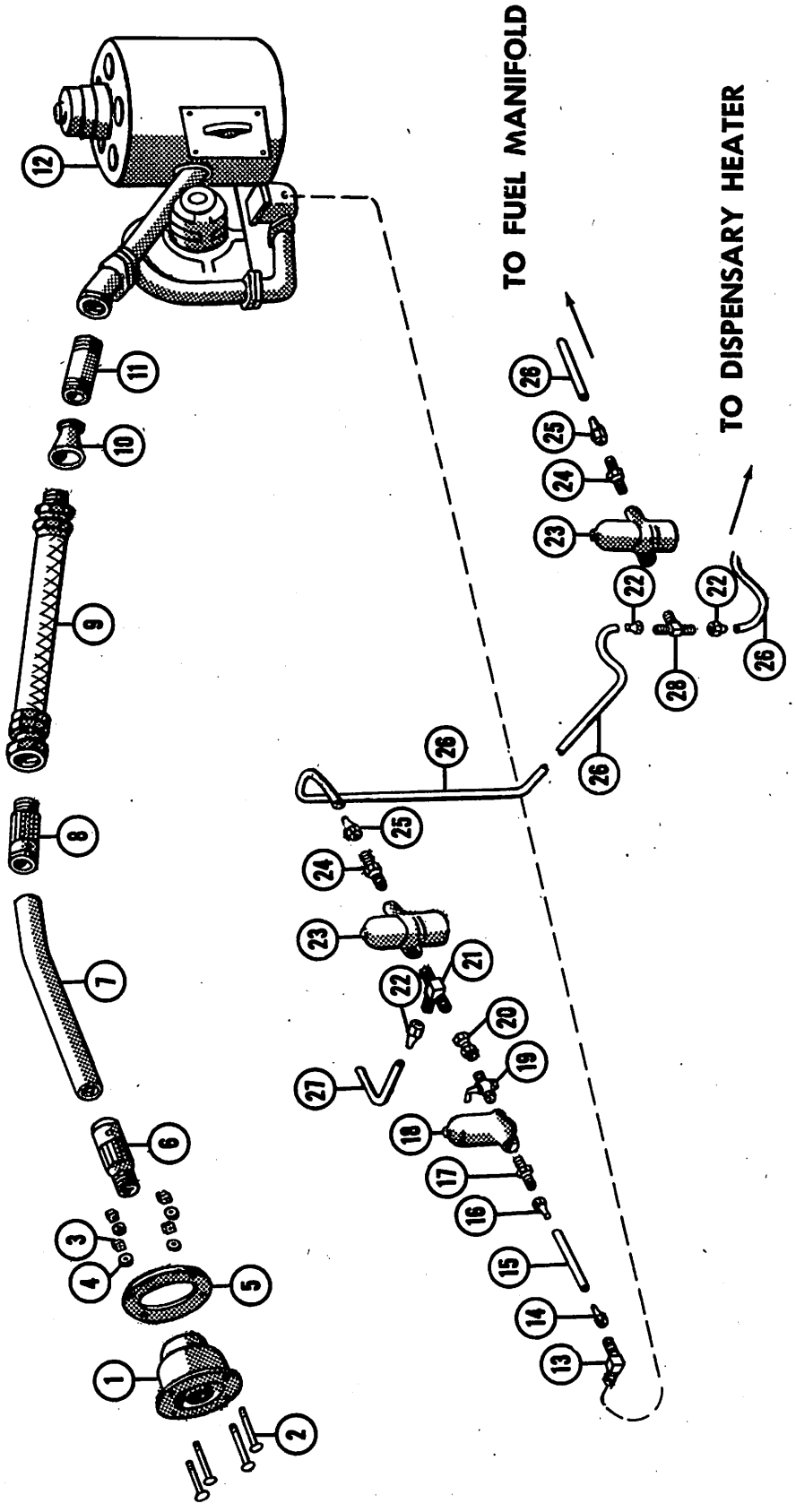


Figure 51—Engine Room Heating and Ventilating Assembly.

HEATING AND VENTILATING SYSTEM

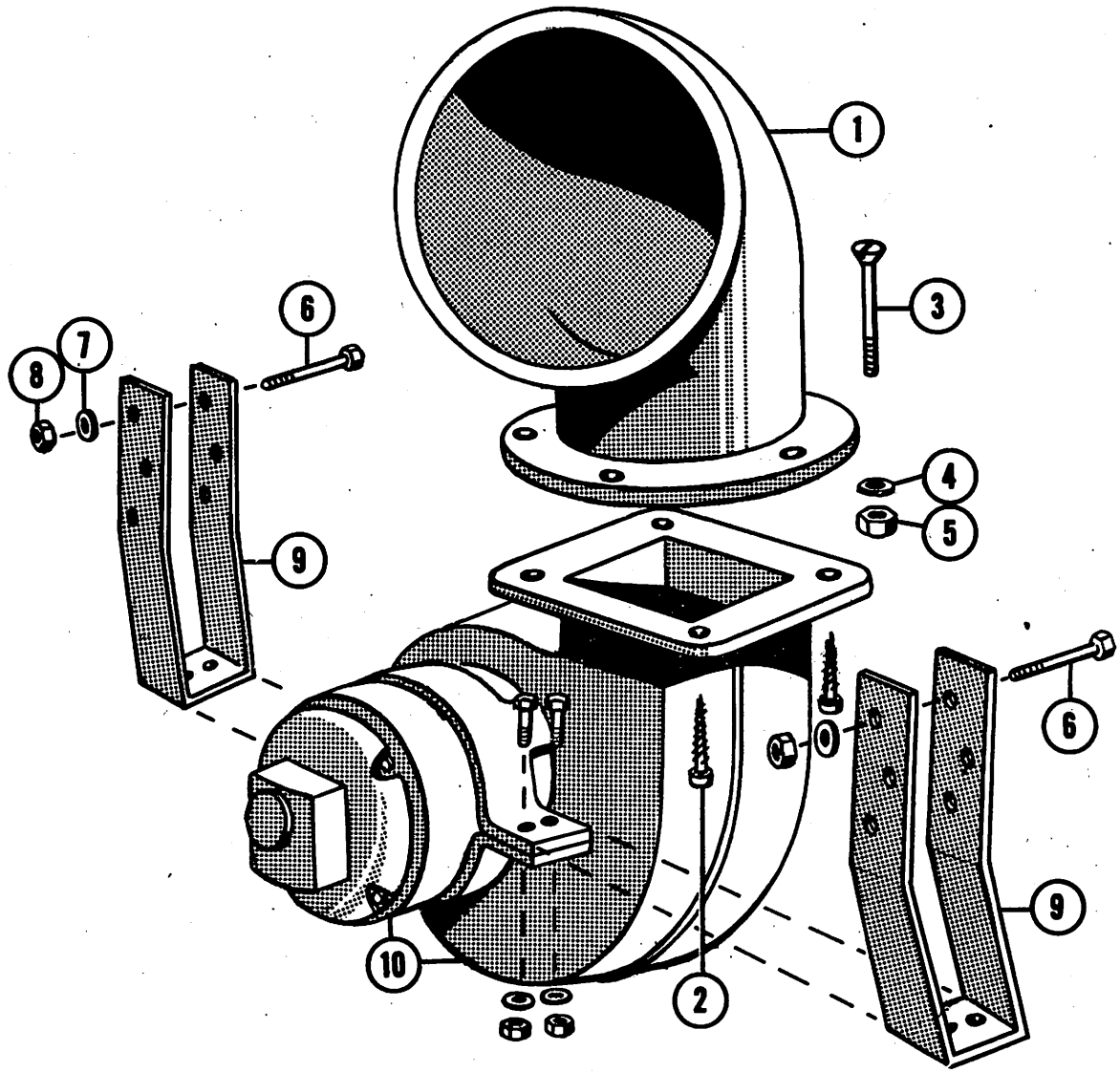


Figure 52—Engine Room Vent and Blower Assembly

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY
		ENGINE ROOM VENT AND BLOWER ASSEMBLY (DWG NO. 379-27)	
52		Vent and Blower Assy—Engine room	2
52- 1	P904	Ventilator—Copper 5 ft size	1
52- 2	Comm	Bolt—FH steel galv ⅜ x 2 in	2
52- 3	Comm	Bolt—FH steel galv ¼-28 x 3½ in	2
52- 4	Comm	Washer—Steel galv ¼ x 3½ in	2
52- 5	Comm	Nut—Steel galv ¼-28 x 3½ in	2
52- 6	Comm	Bolt—Sq hd steel galv ¼-28 x 2¾ in	6
52- 7	Comm	Washer—Steel galv ¼ in	6
52- 8	Comm	Nut—Steel galv ¼-28	6
52- 9	Comm	Bracket—Engine room blower mounting steel 18 x 1½ x ⅛ in. thick (Spec. No. AN-QQ-S-646)	2
52-10	P105	Blower—500 CFM 1 clockwise 1 c-clockwise rotation 110-volt dc (Willis)	1

HEATING AND VENTILATING SYSTEM

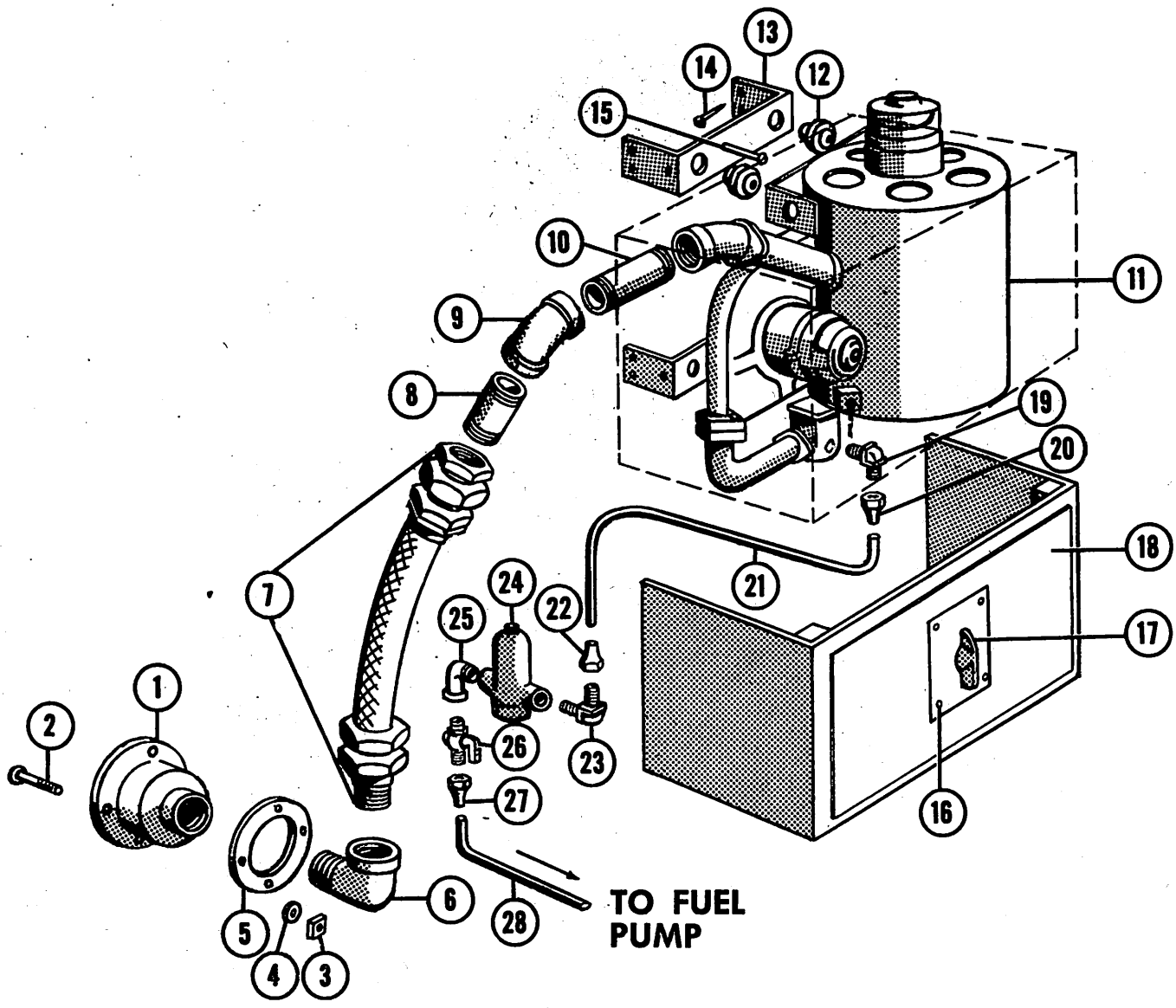


Figure 53—Dispensary Heating and Ventilating Assembly

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY
		DISPENSARY HEATING AND VENTILATING ASSEMBLY	
53		Heating and Ventilating Assy—Dispensary (dwg No. 379-27)	2
	(a)	Blower Assy—Dispensary	2
	P987	Plate—Deck brass 3 ft size (Willis)	1
	Comm	Screw—FH wood steel galv 1 in. No. 10	2
	Comm	Bolt—FH steel galv ¼-28 x 2 in.	2
	Comm	Washer—Steel galv ¼ in.	2
	Comm	Nut—Steel galv ¼-28	2
	P104	Blower—180 CFM 110-volt ac, dc (Willis)	1
	(a)	Ventilator Assy—Dispensary	2
	P896	Ventilator—Brass 5 ft size (Willis)	1
	Comm	Bolt—FH steel galv ¼-28 x 3½ in.	2
	Comm	Washer—Steel galv ¼ in.	2
	Comm	Nut—Steel galv ¼-28	2

(a) *Nonprocurable.*

HEATING AND VENTILATING SYSTEM

FIGURE & INDEX NUMBER	PART NUMBER		1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY
			DISPENSARY HEATING AND VENTILATING ASSEMBLY (CONT'D)	
		(a)	Fitting Assy—Thru hull	1
53- 1	No Number		Fitting—Thru hull cast brass (dwg No. 379-27-33) (LM)	1
53- 2	Comm		Bolt—FH steel galv ¼-28 x 2 in.	6
53- 3	Comm		Nut—Thru hull fitting steel galv ¼-28	6
53- 4	AN960B416		Washer—Thru hull fitting ¼ in.	6
53- 5	No Number		Ring—Thru hull fitting cast brass ¼ in. (dwg No. 379-27-31)	1
53- 6	Comm		Elbow—90° street brass 1¼ in. IPS	1
53- 7	No Number		Exhaust Hose Assy—Complete with end fittings (dwg No. 379-27-10) (CMHC)	1
53- 8	No Number		Nipple—Brass 1 IPS x 1½ in. (Crane)	1
53- 9	No Number		Elbow—90° reducing brass 1 IPS x 1¼ in. (Crane)	1
53-10	No Number		Nipple—Brass 1¼ IPS x 2 in. (Crane)	1
53-11		(a)	Heater Assy—24-volt dispensary	1
	No Number		Heater—24-volt model No. 792-E (St-War) (for detail parts see forward crew's quarters' heater)	1
		(a)	Heater Mounting Bracket Assy—Dispensary	1
53-12	AN8008-9		Foot—Mounting rubber	4
53-13	Comm		Bracket—Heater mounting steel 14¾ x 2 x ⅛ in. thick (Spec. No. AN-QQ-S-646)	2
53-14	Comm		Screw—RH wood steel galv 1¼ in. No. 14	4
53-15	Comm		Bolt—Hex-hd steel galv ¼-28 x 1¼ in.	4
	AN960B416		Washer—¼ in.	4
	Comm		Nut—Steel galv ¼-28	4
		(a)	Heater Control Panel Assy—Dispensary	1
	Comm		Screw—FH wood steel galv 1 in. No. 10	4
53-16	Comm		Screw—RH machine steel 5/16-24 x ½ in.	4
	AN960B316		Washer—Steel ½ in.	2
	Comm		Nut—Steel 5/16-24	2
53-17	No Number		Panel—Heater control steel (to be furnished with heater) (dwg No. 379-27-39)	1
53-18	No Number		Screen—Heater dispensary fir plywood 52 x 11 x ¼ in. (dwg No. 379-27-44) (LM)	1
	No Number		Carburetor—Used on model No. 792-E heater (component details listed in forward crews' quarters' heater (St-War)	1
53-19	A335		Elbow—Half union brass ⅛ IPS x ¼ in. (M.B. Co.)	1
53-20	A101		Nut—Flare brass ¼ in. (M.B. Co.)	1
53-21	Comm		Tubing—Copper soft ¼ OD x .035 in. wall approx 120 ft (Spec. No. WW-T-799)	AR
22	A101		Nut—Flare brass ¼ in. (M.B. Co.)	1
23	No Number		Elbow—Half union brass ⅛ IPS x ¼ in. (M.B. Co.)	1
24	No Number		Valve—Magnetic shut-off (to be furnished with heater (St-War)	1
25			Elbow—Street brass ⅛ IPS x ⅛ in.	1
26	No Number		Cock—Shut-off brass ⅛ IPS x ¼ in. (Crane)	1
27	A101		Nut—Flare brass ¼ in. (M.B. Co.)	1
28	Comm		Tubing—Copper soft ¼ OD x .035 in. wall approx 120 ft (Spec. No. WW-T-799)	AR
		♯	Tape—Asbestos	AR

(a) *Nonprocurable.*
♯ *All exhaust piping to be lagged ¼ in. thick with asbestos tape and held away from bulkheads 1 in. minimum with metal clips as necessary.*

DIRECTION FINDER

No Number	Direction Finder—Model No. DF-1016 (Bludworth)	1
DF3075	Capacitor—10-70 MMFD variable	
DF3888	Capacitor—16.5/16.5 MMFD balance	
DF3824	Capacitor—.000030 MFD	
DF3196	Capacitor—.000025 MFD	
DF3883	Capacitor—4 gang tuning	
DF3097	Capacitor—Three in one can, 0.1 MFD	
DF3097	Capacitor—Three in one can 0.1 MFD	
DF3896	Capacitor—.000005 MFD	
DF3088	Capacitor—1.0 MFD	
DF3086	Capacitor—.08 MFD	
DF-3967	Capacitor—.0043 MFD	
DF-3091	Capacitor—.0005 MFD	
DF-3087	Capacitor—.01 MFD	
DF-3093	Capacitor—.001 MFD	
DF-3099	Capacitor—.000035 MFD variable	
DF-3089	Capacitor—0.5 MFD	
DF3539	Capacitor—.000050 MFD	
	Tube—65K7	
	Tube—65A7	
	Tube—65J7	
	Tube—6C5	
	Tube—VR-105-30	
DF3889	Switch—Single pull double throw toggle sense	
DF3898	Switch—Master	
	Resistor—25,000-ohms ½-watt BT ½	
	Resistor—300-ohms ½-watt BT ½	
	Resistor—1000-ohms ½-watt BT ½	
	Resistor—35,000-ohms ½-watt BT ½	
	Resistor—15,000-ohms ½-watt BT ½	
	Resistor—250,000-ohms ½-watt BT ½	
	Resistor—2-megohms	
	Resistor—75,000-ohms ½-watt BT ½	
	Resistor—10,000-ohms ½-watt BT ½	
	Resistor—2000-ohms 10-watt AB	
DF3956	Transformer—Radio frequency plates	
DF3975	Transformer—Intermediate frequency plates 115-kilocycles	
DF3976	Transformer—Intermediate frequency plates 115-kilocycles	

DIRECTION FINDER

FIGURE & INDEX NUMBER	PART NUMBER	1 2 3 4 5 6 7 NOMENCLATURE	UNITS PER ASSY
	DF3102	Transformer—Intermediate frequency 115-kilocycles	
	DF3779	Transformer—Audio output	
	DF3958	Coil—Oscillator radio frequency	
	DF3103	Coil—Oscillator continuous waves	
	DF3991	Control—Volume tapered 3000-ohm	
	DF3106	Coil—Choke 15-microhenries	
	DF3139	Coil—Filter suppressor	
	DF3059	Lamp—Mazda No. 47	
	DF3155	Voltmeter—0-8 volts	
	DF3941	Socket—Power	
	DF3107	Jack—Telephone	
	DF4047	Resistor—2500-ohms ½-watt BT ½	

EXTERIOR EQUIPMENT

No Number	Exterior Equipment (dwg No. 379-93)	1
No Number	Anchor—100-lb steel galv 100-L-30943 (Danforth)	1
No Number	Anchor—75-lb steel galv 75-L-30643 (Danforth)	1
	Antenna—Whip 30-ft Navy type steel	1
No Number	Boathook—10 ft galv iron (Perko Fig. 241-5)	
P1696	Buoy—Ring Balsa 30-in. dia (Willis)	2
P1693	Holder—Buoy ring bronze (Willis)	6
1150-10	Light—Side brass (Perko)	2
No Number	Line—Buoy ¼ in. x 50 ft Manila (dwg No. 379-93-9)	
379-93-20	Net—Rescue 8 x 14 ft	2
379-93-21	Searchlight—Portable style No. 100 (Willis)	2
314	Shackle—Anchor steel galv ⅓ in. (Perko)	1
314	Shackle—Anchor steel galv ⅝ in. (Perko)	1

BONDING SYSTEM

Bonding System	NP
Cable—Main ground copper No. 1 gage strand bare	AR
Wire—Branch copper No. 10 gage strand bare	AR
Connector—Copper No. 1 run No. 10 tap	AR
Connector—Copper No. 1 cable to ½ in. cu. pipe	AR
Connector—Copper No. 10 wire to ½ in. cu. pipe	AR
Strip—C'Poise copper No. 20 gage x 1 in.	AR
Connector—Copper No. 1 run No. 1 tap	AR

ARMY STATUS	PROPERTY CLASSIFICATION U. S. ARMY	U. S. NAVY	BRITISH	PART NUMBER	GROUP LIST PAGE NUMBERS	TOTAL QTY.
	6700			A101	31	19
	6700			A105	43	10
	6700			A11203	26	4
	6700			A11204	27	1
	6700			A11361	51	5
	6700			A11379	56	1
	6700			A11423	22	62
	6700			A11424	25	2
	6700			A11426	65	1
	6700			A11433	24	3
	6700			A11434	29	4
	6700			A11446	65	2
	6700			A11453	22	8
	6700			A1203	31	AR
	6700			A127	79	1
	6700			A1278	29	AR
	6700			A13563	79	2
	6700			A1501	59	3
	6700			A1503	59	3
	6700			A1505	55	23
	6700			A1506	54	1
	6700			A1507	51	3
	6700			A1511	51	15
	6700			A1512	59	6
	6700			A1524	59	12
	6700			A1526	51	2
	6700			A1530	51	6
	6700			A1531	26	4
	6700			A1532	53	2
	6700			A1536	22	21
	6700			A1537	57	1
	6700			A1538	26	2
	6700			A1555	29	2
	6700			A1586	72	7
	6700			A1588	54	5
	6700			A1591	69	13
	6700			A1593	79	1
	6700			A1594	69	4
	6700			A1605	69	5
	6700			A1622	69	3
	1975			A1624	34	2
	6700			A1629	65	8
	6700			A1631	63	2
	6700			A1642	65	10
	6700			A1646	63	1
	6700			A1667	65	5
	6700			A1674	49	2
	6700			A1726	20	8
	6700			A1731	20	8
	6700			A2034	29	2
	6700			A2260	34	2
	6700			A2334	29	2
	6700			A2521	31	1
	6700			A2534	55	1
	6700			A2557	28	2
	6700			A2562	29	4
	6700			A2576	23	9
	6700			A2650	70	AR
	6700			A2652	55	10
	6700			A2662	65	1
	6700			A2680	65	1
	6700			A330	79	3
	6700			A334	43	8
	6700			A335	74	6
	6700			A339	43	3
	6700			A340	76	1
	6700			A3431	31	1
	6700			A345	79	2
	6700			A3492	29	4
	6700			A3709	51	5
	6700			A3734	31	1
	6700			A3735	55	2
	6700			A3738	53	1
	1975			A3829	72	1
	6700			A3943	52	1
	6700			A4128	22	24
	6700			A4129	49	4
	6700			A414	29	1
	6700			A418	43	4
	6700			A4409	20	8
	6700			A5003	29	2
	C.E.			A50303	59	5
	6700			A5140	29	2
	6700			A5282	29	4
	C.E.			A60164	59	16
	C.E.			A60169	63	3
	1975			A60494	47	2

ARMY STATUS	PROPERTY CLASSIFICATION U. S. ARMY	U. S. NAVY	BRITISH	PART NUMBER	GROUP LIST PAGE NUMBERS	TOTAL QTY.
	1975			A61530	38	2
	1975			A61748	36	2
				A62001	47	2
	1975			A62062	36	2
	1975			A62166	47	1
	1975			A62178	47	1
	1975			A62187	47	1
	1975			A62188	43	1
	1975			A62192	47	1
	1975			A62586	38	2
	1975			A63039	47	1
	6700			A7004	51	1
	6700			A7009	51	4
	6700			A7010	54	3
	6700			A7042	52	1
	6700			A7088	49	2
	6700			AN286-2	7	13
	6500			AN3050-10	44	10
	6500			AN3050-12	44	2
	6500			AN3050-16	46	1
	6500			AN3050-20	44	AR
	6500			AN3050-3	44	5
	6500			AN3050-4	44	30
	6500			AN3050-6	44	7
	6500			AN3054-10	44	10
	6500			AN3054-12	44	12
	6500			AN3054-16	44	17
	6500			AN3054-20	44	AR
	6500			AN3054-4	44	30
	6500			AN3054-6	44	7
	4202			AN3055	44	6
	4202			AN3057	44	AR
	4202			AN3057-10	45	6
	4202			AN3057-12	46	1
	4202			AN3057-16	46	8
	4202			AN3057-22	45	2
	4202			AN3057-24	44	5
	4202			AN3057-4	45	25
	4202			AN3057-6	45	4
	6500			AN3058-10	44	5
	6500			AN3058-16	44	8
	6500			AN3058-24	44	1
	6500			AN3058-4	44	20
	6500			AN3058-6	45	3
	6500			AN3061	44	AR
	6500			AN3061-10	45	1
	6500			AN3061-20	44	1
	6500			AN3063	44	AR
	6500			AN3063-10	45	1
	6500			AN3063-20	44	1
	6500			AN3066-10	44	6
	6500			AN3066-16	44	19
	6500			AN3066-20	44	2
	6500			AN3066-24	44	1
	6500			AN3066-4	44	32
	6500			AN3066-6	45	3
	6500			AN308-16	46	1
	6700			AN330-8	41	48
	6500			AN365-820	43	36
	6700			AN550B8-6	7	4
	6600			AN6227-29	14	4
	6500			AN746-28	63	1
	6500			AN748	26	86
	6500			AN748-24	52	2
	6500			AN748-38	53	2
	6500			AN748-48A	52	4
	6500			AN748-56	35	8
	6500			AN748-58	54	2
	6500			AN748-66	36	46
	6500			AN748-74	35	8
	6600			AN8008-9	47	24
	6700			AN935-10	47	34
	6700			AN935-416	12	332
	6700			AN935-616	7	46
	6700			AN935-816	12	4
	6500			AN960-10	13	6
	6500			AN960-616	67	24
	6500			AN960B10	12	18
	6500			AN960B316	74	10
	6500			AN960B416	72	52
	6500			AN960B516	49	14
	6500			AN960B816	39	50
	6500			AN960C8	41	24
	C.E.			B60114	58	4
	C.E.			B60281	63	5
	4265			C-6363-1-5	44	2
	1975			CM31-970	51	4

ARMY STATUS	PROPERTY CLASSIFICATION U. S. ARMY	U. S. NAVY	BRITISH	PART NUMBER	GROUP LIST PAGE NUMBERS	TOTAL QTY.
	1975			CM33-804	51	1
	1975			CM33-805	56	2
	1975			CM4861	51	2
	1975			CM5044	51	2
	1975			CR1061	47	2
				DF3059	84	
				DF3075	83	
				DF3086	83	
				DF3087	83	
				DF3088	83	
				DF3089	83	
				DF3091	83	
				DF3093	83	
				DF3097	83	
				DF3099	83	
				DF3102	84	
				DF3103	84	
				DF3106	84	
				DF3107	84	
				DF3139	84	
				DF3155	84	
				DF3196	83	
				DF3539	83	
				DF3779	84	
				DF3824	83	
				DF3883	83	
				DF3888	83	
				DF3889	83	
				DF3896	83	
				DF3898	83	
				DF3941	84	
				DF3956	83	
				DF3958	84	
				DF3967	83	
				DF3975	83	
				DF3976	83	
				DF3991	84	
				DF4047	84	
	1975			D6364L1-50	44	2
	1975			E14951	10	1
	6600			FCC8887	32	8
	6600			FCF7022	32	8
	3400			FCJ	48	4
	4900			FC187	14	1
	4900			FD187	13	9
	3400			FR269	13	4
	1975			H190	47	1
	3400			KS3L	13	4
	1975			KSC15	8	3
	1975			KSC30	7	4
	1975			L20568C	41	1
	1975			L20570B	41	1
	1975			L20571B	41	2
	1975			L20572A	41	1
	1975			L20800E	40	2
	3400			LAK	10	1
	3400			LCJ	7	12
	1975			P1	14	2
	1975			P10	14	4
	1975			P10A	14	4
	1975			P104	75	9
	1975			P105	81	2
	1975			P11	14	2
	1975			P1185	77	2
	1975			P12	14	2
	1975			P1207	75	2
	1975			P13	14	2
	1975			P1407	84	5
	6700			P1438	69	8
	1975			P1446	49	20
	1975			P15	14	4
	1975			P16	14	4
	1975			P1698	84	6
	1975			P1696	84	2
	1975			P17	14	4
	1975			P1890	58	7
	1975			P1910	56	2
	1975			P1979	49	1
	1975			P2	14	2
	1975			P20	19	1
	1975			P21	19	1
	1975			P22	19	1
	1975			P23	19	6
	1975			P24	19	1
	1975			P25	19	4
	1975			P26	19	1
	1975			P27	19	1

ARMY STATUS	PROPERTY CLASSIFICATION U. S. ARMY	U. S. NAVY	BRITISH	PART NUMBER	GROUP LIST PAGE NUMBERS	TOTAL QTY.
	1975			P29	19	2
	1975			P3	14	2
	1975			P30	19	4
	1975			P31	19	4
	1975			P32	19	4
	1975			P33	19	3
	1975			P34	19	1
	1975			P35	19	4
	1975			P36	19	2
	1975			P37	19	1
	1975			P38	19	1
	1975			P4	14	2
	1975			P4049	52	2
	1975			P41A	15	1
	1975			P41B	15	1
	1975			P42A	15	2
	1975			P42B	15	1
	1975			P43A	15	2
	1975			P43B	15	2
	1975			P46A	15	4
	1975			P46B	15	6
	1975			P47A	15	4
	1975			P48A	15	4
	1975			P49A	15	4
	1975			P5	14	2
	1975			P50A	15	4
	1975			P508	14	4
	1975			P55	16	1
	1975			P56	16	1
	1975			P57	16	1
	1975			P58	16	3
	1975			P59	16	1
	1975			P60	16	2
	1975			P61	16	2
	1975			P62	16	3
	1975			P63	16	3
	1975			P64	16	3
	1975			P64A	16	3
	1975			P65	16	8
	1975			P65A	16	8
	1975			P66	16	4
	1975			P67	16	1
	1975			P68	16	2
	1975			P69	16	2
	1975			P7	14	2
	1975			P71	16	10
	1975			P71A	16	10
	1975			P71B	16	1
	1975			P71C	16	1
	1975			P71J	16	1
	1975			P71K	16	1
	1975			P71L	16	4
	1975			P72	17	1
	1975			P73	17	1
	1975			P75	17	1
	1975			P77	17	1
	1975			P8	14	6
	1975			P81	17	1
	1975			P896	75	6
	1975			P9	14	AR
	1975			P904	81	2
	1975			P985	20	12
	1975			P987	49	10
	3400			R365	40	4
	1975			R8500	57	1
				SCS2	44	4
	6700			W1034	26	2
	6700			W2034	26	6
	6700			W2047	25	7
	6700			W2350	57	2
	6700			W2355	53	2
	6700			W3063	20	6
	6700			W4031	38	2
	6700			W4048	29	4
	6700			W4056	25	3
	6700			W4065	28	1
	6700			W62004	42	2
	1975			X872	41	4
	1975			X958	41	2
	1975			Y4174	41	4
	1975			Y4175	41	4
	1975			Y4178	41	4
	1975			Y4191	41	32
	1975			Y4353	41	3
	1975			Y4356A	41	2
	1975			Z303	42	2
	1975			01108	74	2

ARMY STATUS	PROPERTY CLASSIFICATION U. S. ARMY	U. S. NAVY	BRITISH	PART NUMBER	GROUP LIST PAGE NUMBERS	TOTAL QTY.
	1975			01459	74	1
	1975			02409	74	1
	1975			02410	74	1
	1975			02817	74	1
	1975			03369	74	1
	1975			0337	74	2
	1975			054	74	2
	1975			06124	74	1
	1975			0676	74	1
	1975			07186	74	1
	1975			07187	74	1
	1975			07236	74	1
	1975			07238	74	1
	1975			07244	74	1
	1975			07249	74	1
	1975			07304	74	1
	1975			0802	74	1
	1975			0992	74	4
	6700			100B	30	8
				1004	12	6
	1975			105161	73	1
	4500			106213	73	1
				108443	13	2
	1975			108444	13	2
	1975			108501	13	2
	1975			108506	13	2
	1975			108507	13	2
	1975			108998	13	2
	1975			109004	13	2
	1975			109146	13	4
				1104	10	8
	1975			1150	46	2
	1975			1150-10	84	2
	6700			120A	63	5
	6700			1308	26	5
	6700			1319	24	41
	1975			14907	13	4
				15509	10	2
	1975			15586	49	1
				1601	10	1
	6700			1607-2-2	38	4
				16330	12	3
	1975			1740	46	5
	1975			1916	51	2
	1975			20572A	41	2
	1975			21080B	40	4
	1975			21218A	42	2
	1975			21219A	42	1
				215338	13	2
	1975			21760B	40	4
	1975			21765B	40	4
	1975			21852A	41	2
	1975			21932A	41	1
	6500			22M40	13	2
	1975			22968B	40	2
	1975			22985B	40	2
	1975			23108B	40	2
	1975			23118D	40	2
	1975			23119D	40	2
	1975			23120D	40	2
	1975			23127B	40	2
	1975			23177A	42	1
	1975			23178A	43	2
	1975			23179A	41	1
	1975			23180A	41	2
	1975			23181A	42	8
	1975			23182A	42	1
	1975			23211A	40	4
	1975			23212A	40	16
	1975			23213A	40	2
	1975			23214A	41	2
	1975			23215A	41	4
	1975			23216A	41	24
	1975			23217A	41	16
	1975			23218A	41	2
	1975			23219A	41	2
	1975			23220A	41	2
	1975			23221A	41	2
	1975			23222A	41	32
	1975			23223A	41	32
	1975			23224A	41	2
	1975			23226A	41	2
	1975			23227A	41	2
	1975			23228A	41	24
	1975			23451A	41	4
	1975			23617A	41	4
	1975			23979-1	26	2

ARMY STATUS	PROPERTY CLASSIFICATION U. S. ARMY	U. S. NAVY	BRITISH	PART NUMBER	GROUP LIST PAGE NUMBERS	TOTAL QTY.
	1975			25008	28	2
	1975			26589A	41	2
	1975			26872A	42	2
	1975			26924C	41	1
	6700			27SAE	74	4
	1975			31150	30	4
	1975			314	84	2
	1975			32000	30	1
	1975			33-804	54	1
	6700			34	39	2
	1975			37007	12	5
	1975			37008	12	1
				37134	12	2
				37262	12	1
	1975			374-65	36	2
	6700			37750	12	8
				37806	12	1
	1975			379-24A2	12	2
	1975			379-24A3	12	2
	1975			379-24A4	12	2
	1975			379-25	32	2
	1975			379-25-10	32	2
	1975			379-25-7	32	4
	1975			379-25-8	32	4
	1975			379-25-9	32	6
	1975			379-26	49	1
	1975			379-27-30	72	3
	1975			379-27-31	76	1
	1975			379-27-39	76	1
	1975			379-31F1	63	1
	1975			379-31F1-3	63	1
	1975			379-31F1-4	63	1
	1975			379-31M18	67	1
	1975			379-31M19	67	1
	1975			379-31M20	67	1
	1975			379-31M21	67	2
	1975			379-47-1	44	2
	1975			379-48-1	44	2
	1975			379-48-2	44	2
	1975			379-60-1	43	2
	1975			379-60-2	43	2
	1975			379-60-3	44	2
	1975			379-60-4	43	2
	1975			379-60-5	44	2
	1975			379-60-6	44	2
	1975			379-61	34	2
	1975			379-61-16	34	2
	1975			379-61-17	34	2
	1975			379-61-18	34	2
				379-61-24	34	2
	1975			379-61-4	34	2
	1975			379-61-6	34	2
	1975			379-61-9	34	2
				379-62-6	43	1
	1975			379-63	36	8
	1975			379-64-10	36	10
	1975			379-64-11	35	2
				379-64-6	32	
	1975			379-69-3	47	1
	1975			379-70	14	1
	1975			379-71-10	14	1
	6700			379-71-11	17	2
	6700			379-71-13	17	1
	6700			379-71-14	17	4
	6700			379-71-16	14	4
	1975			379-71-8	14	1
	1975			379-71-9	17	1
				379-72-6	43	1
	1975			379-82	7	3
	1975			379-82	7	3
	1975			379-82-17	10	2
	1975			379-82-18	10	2
	1975			379-82-19	12	1
	1975			379-82-24	12	2
	1975			379-82-25	12	1
	1975			379-82-28	28	1
	1975			379-82-3	7	2
	1975			379-82-31	12	1
	1975			379-82-32	10	1
	1975			379-82-45	12	8
	1975			379-82-5	7	1
	1975			379-82-50	10	2
	1975			379-82-51	12	1
	1975			379-82-52	12	1
	1975			379-82-53	12	1
	1975			379-82-55	8	1
	1975			379-82-54	8	1

ARMY STATUS	PROPERTY CLASSIFICATION U. S. ARMY	U. S. NAVY	BRITISH	PART NUMBER	GROUP LIST PAGE NUMBERS	TOTAL QTY.
	1975			379-82-56	10	1
	1975			379-82-57	10	2
	1975			379-82-6	7	1
	1975			379-87-6	25	2
	1975			379-91-19	38	4
	1975			379-91-4	38	2
	1975			379-91-5	38	2
	1975			379-91-6	38	2
	1975			379-91-7	38	2
	1975			379-94-5	43	6
	C.E.			4E	67	2
	1975			4-55772-1	49	1
	1975			4-56772-2	49	1
	1975			4-56772-20	49	1
	1975			4-56772-21	49	1
				4-56772-25A	49	4
				4-56772-27	49	2
	1975			4-56772-3	49	1
	1975			4-56772-3A	49	1
	6700			4-56772-35B	49	1
				4-56772-35G	49	2
	1975			4-56772-36	49	1
	1975			4-56772-4	49	1
	1975			4-56772-44	49	1
				4-56772-50	51	2
				4-56772-51	51	2
				4-56772-52	51	1
				4-56772-53	51	1
				4-56772-54	51	1
	1975			4-56772-55	51	1
				4-56772-56	51	1
	8800			4-56772-59	49	1
				4-56772-60	49	2
	1975			4-56772-61	51	1
	1975			4-56772-8A	49	1
	1975			4-56772-8A1	49	1
	1975			4-56772-8A2	49	2
	1975			4-56772-8A3	49	2
	1975			4-56772-8A4	49	2
	1975			4-56772-8A5	49	1
	1975			40003	10	1
				40010	12	1
	1975			40015	12	2
				40020	12	1
				40023	12	1
				40024	12	1
				40025	12	1
	1975			40027	12	1
				40028	10	4
				40029	12	1
				40037	12	1
				40053	12	1
				40056	12	1
	1975			40057	12	1
				40059	10	2
				40060	12	1
	1975			40062	12	1
	1975			40064	12	1
				40065	10	2
	1975			40079	12	1
	1975			40081	12	1
				40170	12	1
				10196	10	1
	1975			403	46	1
	6500			42EO48	13	2
	1975			4223L	47	1
	1975			4260L	46	4
	1975			4264L	47	1
	6700			432	38	2
	1975			4335L	46	1
	1975			4341L	46	7
	1975			4385L	44	2
	1975			4440L	46	10
	6700			449½	43	7
	1975			4535L	46	4
	1975			4569L	47	5
	1975			4581L	46	7
	1975			470040	73	2
	1975			470569	73	1
	4500			470647	73	1
	1975			470861	73	1
	1975			470874	73	1
	1975			470875	73	3
	1975			470876	73	3
	1975			470877	73	1
	1975			470878	74	1
	1975			470879	74	1

ARMY STATUS	PROPERTY CLASSIFICATION U. S. ARMY	U. S. NAVY	BRITISH	PART NUMBER	GROUP LIST PAGE NUMBERS	TOTAL QTY.
	1975			470880	74	1
	1975			470882	74	1
	1975			470904	74	2
	1975			470905	74	6
	1975			470916	74	1
	1975			470917	74	2
	1975			470918	74	14
	4500			470919	74	1
	1975			470921	74	1
	1975			470926	74	1
	1975			470975	74	1
				470977	74	1
	4500			470984	74	1
	1975			471043	74	1
	1975			471044	74	2
	1975			471045	74	2
	1975			471046	74	1
	1975			471047	74	1
	1975			471048	74	1
	1975			471049	74	1
	1975			471081	74	1
	1975			471082	74	1
	1975			471086	74	1
	1975			471107	74	4
	1975			471109	74	1
	1975			471289	74	1
	1975			471519	74	1
	1975			471603	74	1
	1975			471621	74	1
	1975			471739	74	1
	1975			4718	46	1
	1975			4718L	47	4
	1975			471826	74	1
	1975			471827	74	1
	1975			471830	74	1
	1975			471831	74	1
	1975			472923	74	1
	1975			4914L	44	13
	1975			4923L	47	1
	1975			50007	12	1
	1975			50008	12	8
				50011	12	1
	1975			50019	12	1
				50034	10	2
				50039	12	1
				50055	12	1
				50056	12	1
				50066	12	1
				50079	12	2
	1975			501	67	4
				50139	10	1
	1975			5108L	47	4
	1975			5109L	46	4
	1975			5163L	46	12
	1975			5174L	44	1
	1975			5186L	46	4
	1975			5249L	47	5
	1975			5311L	46	4
	1975			536	47	1
	1975			5383	34	2
	1975			5392L	46	2
				57	51	1
	6700			588	49	2
	6700			60F	30	22
	6700			61F	30	21
	6700			61125	41	4
	1975			61533	35	2
	1975			61819	35	2
	6700			622	34	2
	6700			623	38	2
	1975			6384	13	2
	1975			6394	13	4
	1975			6395	13	4
	6700			64F	30	2
	1975			6617	13	2
	6700			68F	30	10
	1975			7142	13	4
	1975			7160	13	2
	1975			7168-2	13	2
	1975			7181	13	2
	6700			72F	30	5
	4500			77204	73	3
	4500			7228	73	10
	1975			76901	73	1
	3400			7217DT-DB	40	4
				8255	13	4
	1975			8263	13	1

ARMY STATUS	PROPERTY CLASSIFICATION			PART NUMBER	GROUP LIST PAGE NUMBERS	TOTAL QTY.
	U. S. ARMY	U. S. NAVY	BRITISH			
	1975			8265	13	2
	1975			8268	13	2
	1975			8350	13	2
	1975			8386	13	4
	1975			9S5350L	46	1
	6700			91A	68	5
	4500			91011	73	6
	4500			91273	73	3
	C.E.			97A	67	2
	6500			9775	44	AR

ARMY STATUS	PROPERTY CLASSIFICATION U. S. ARMY	U. S. NAVY	BRITISH	PART NUMBER	GROUP LIST PAGE NUMBERS	TOTAL QTY.
	C.E.			Adapter—Inlet	65	1
	1975			Adapter—Lower	14	2
	C.E.			Adapter—Outlet	65	1
	1975			Adapter—Upper	13	2
	1975			Anchor—75 lb	84	1
	1975			Anchor—100 lb	84	1
	6800			Angle—Angle drive mounting	43	6
	6800			Angle—Mounting	47	4
	1975			Antenna—Whip	84	1
				Arm—Tiller	12	2
				Arm Assy—Control	15	2
	6700			Ball—Check	43	4
	6700			Ball—Valve type I	42	1
	6700			Ball—Valve type II	42	4
	6800			Bar—Copper 3/16 x 1 x 2 in.	44	1 pc
	6800			Bar—Copper 3/8 x 1 x 4 in.	44	1 pc
				Battery—Storage	47	
	1975			Bearing—Shaft	44	6
	1975			Bearing Assy—Aft wheel shaft	7	1
	1975			Bearing Assy—Fwd wheel shaft	7	1
	1975			Bearing Assy—Jackshaft aft	8	1
	1975			Bearing Assy—Jackshaft fwd	8	1
	1975			Bearing Assy—Torque tube support	10	1
	1975			Bearing Assy—Torque tube aft blkhd 29	10	1
	1975			Bearing Assy—Torque tube blkhd 42	10	1
				Bearing Assy—Torque tube blkhd 60	10	
	1975			Bearing Assy—Torque tube frame 74	10	1
	1975			Bearing Assy—Torque tube fwd blkhd 29	10	1
	7200			Block—Cylinder spruce	58	3
	7200			Block—Mahogany	66	2
	1975			Block—Vent spruce	77	2
	1975			Block Assy—Pillow	10	1
				Blower and Vent Assy	75	
				Blower Assy—Dispensary	82	4
				Blower Assy—Fwd crew's	75	2
				Blower Assy—Galley and Officers'	79	2
	1975			Boathook—10 ft galv iron	84	
				Bonding System	84	
	1975			Box Assy—Clutch cam	19	1
				Box Assy—Junction	44	1
	6800			Bracket—Blower mounting	81	4
	1975			Bracket—Clutch control	19	
	1975			Bracket—Filter mounting	36	2
	6800			Bracket—Heater	74	12
	6700			Bolt—Body	43	36
	1975			Bolt—Carriage 1/4-20 x 2 1/4 in.	12	12
	6700			Bolt—Carriage 1/4-20 x 3 in.	28	8
	1975			Bolt—Carriage 5/16-16 x 2 in.	7	8
	1975			Bolt—Carriage 5/16-16 x 3 1/2 in.	7	28
	1975			Bolt—Carriage 5/8-16 x 4 in.	67	16
	1975			Bolt—Carriage 5/8-16 x 4 1/2 in.	10	4
	1975			Bolt—Carriage 1/2-13 x 2 x 3/4 in.	12	4
	1975			Bolt—Carriage 1/2-13NC-3 x 2 in.	39	16
	1975			Bolt—Carriage 1/2-13 x 4 in.	58	6
	1975			Bolt—Carriage 1/2-13 x 5 in.	58	12
	1975			Bolt—Carriage jackshaft	8	4
	1975			Bolt—Carriage tank	51	6
	6700			Bolt—Clevis	14	6

ARMY STATUS	PROPERTY CLASSIFICATION U. S. ARMY	U. S. NAVY	BRITISH	PART NUMBER	GROUP LIST PAGE NUMBERS	TOTAL QTY.
	1975			Bolt—Eye steel galv	67	4
	1975			Bolt—FH 3/8 x 2 in.	81	4
	1975			Bolt—FH 1/4-20NC x 1 in.	63	4
	1975			Bolt—FH 1/4-20NC-3 x 2 in.	38	24
	1975			Bolt—FH 1/4-28 x 2 in.	72	38
	1975			Bolt—FH 1/4 x 2 1/4 in.	77	4
	1975			Bolt—FH 1/4-28 x 3 1/2 in.	75	16
	1975			Bolt—FH 5/16-18 x 2 1/2 in.	63	4
	1975			Bolt—FH 5/16-18 x 3 1/4 in.	43	4
	1975			Bolt—FH stove	47	17
	1975			Bolt—FH stove lever	47	1
	1975			Bolt—FH stove pedestal	47	4
				Bolt—Handle	7	
	1975			Bolt—Hanger	10	2
	1975			Bolt—Hex 1/4-28 x 1 1/4	83	4
	1975			Bolt—Hex motor	49	4
	1975			Bolt—Hex tank	51	4
	1975			Bolt—Machine	12	1
	6700			Bolt—Mounting	47	4
	1975			Bolt—RH 1/4-28 x 3 1/4 in.	74	12
	1975			Bolt—RH 1/4-28 x 4 1/4 in.	76	4
	6700			Bolt—RH stove 10-32 x 2 in.	13	6
	1975			Bolt—RH stove	47	12
	1975			Bolt—Sq hd 1/4-20 x 4 in.	72	4
	1975			Bolt—Sq hd 1/4-28 x 1 1/4	75	10
	1975			Bolt—Sq hd 1/4-28 x 2 3/4 in.	81	12
	1975			Bolt—Sq hd 1/4-28 x 2 3/4 in.	81	12
	1975			Bolt—Sq hd 1/4-28 x 3 1/4 in.	79	4
	1975			Bolt—Sq hd 1/2-13 x 3 in.	58	3
	6700			Bolt—Sq hd 1/2-13 x 6 in.	44	8
	1975			Bolt—Sq hd 5/8-11 x 6 in.	58	3
	1975			Bolt—Strut 1/2-13 x 6 in.	44	20
	1975			Bolt—Strut 1/2-13 x 9 1/2 in.	44	16
	1975			Bolt Assy—Oval head	44	20
	1975			Bracket—Heater mounting 14 3/4 x 2 x 1/8 in.	74	10
	1975			Bracket—Manifold	28	4
	7200			Bracket—Plywood	67	16
	1975			Bracket—Thermostat	36	2
	1975			Bracket—Wobble pump	26	2
	1975			Bracket Assy—Extension	72	1
				Bracket Assy—Heater mtg	74	2
				Bracket Assy—Dispensary heater	83	1
				Bracket Assy—Galley heater	79	2
	1975			Brad—Wire	13	16
	1975			Bushing—Aluminum	15	4
	6700			Bushing—Brass 2 in.	39	2
	6700			Bushing—Brass 3 x 1 1/2 in.	63	1
	6700			Bushing—Brass 3 x 3 1/2 in.	63	1
	6800			Bushing—Drive pressure	42	2
	1975			Bushing—Drive scavenger	42	1
	1975			Bushing—Drive shaft	42	2
	6700			Bushing—Pump mounting	34	2
				Cable—D/4 VCNL 8-ft length	46	1
				Cable—D/4 VCNL 12-ft length	46	1
				Cable—S/1 VCNL 5-ft length	46	2
	4202			Cable—S/2 VCNL 25-ft length	46	2
				Cable—T/4M CW1200S 4 ft	45	2
				Cable—T/4M CW1200S 5 ft length	45	2
				Cable—T/4M CW1200S 20 ft length	45	1
				Cable—T/4 VCNL 15 ft length	46	1
				Cable—T/4 VCNL 18 ft length	46	1
				Cable—T/6M CW1200S 8 ft length	46	2

ARMY STATUS	PROPERTY CLASSIFICATION U. S. ARMY	U. S. NAVY	BRITISH	PART NUMBER	GROUP LIST PAGE NUMBERS	TOTAL QTY.
				Cable—D/3M CW1200S 30 ft length	45	2
				Cable—3/0 CW1201S 68 ft length	46	AR
	C.E.			Cable—⅛ in.	63	AR
				Cable—Engine	47	1
				Cable—Generator	47	1
				Cable—Gica—4 10 ft	46	2
				Cable—Gica—4 14 ft	46	1
				Cable—Gica—4 15 ft	46	1
				Cable—Gica—19 8 ft	46	1
				Cable—Gica—19 66 ft	46	1
				Cable—Gica—22 13 ft	45	1
				Cable—Gica—22 17 ft	45	1
	8800			Cable—Main	84	AR
				Cable Assy	45	1
	1975			Cam and Lever Assy	19	1
	C.E.			Can—Foamite	67	8
	1975			Carburetor	79	2
	1975			Chain—Jackshaft to bridge	8	1
	1975			Chain—Jackshaft to pilot house	8	1
	1975			Chain—Jackshaft to torque tube	8	1
	1975			Chain—Torque tube to steering gear	10	1
	1975			Circuit Assy—Wobble pump	26	2
	1975			Clamp—Cable	63	2
	C.E.			Clamp—Conduit	63	12
	7200			Clamp—Oak	67	4
				Cleat	45	1
	1975			Clevis—⅛ x ¾ x 4½ in.	14	6
	1975			Clevis—¼ x 2 x 13 in.	58	3
	6700			Cock—Shut-off	83	1
				Conductor—4 AWG	45	7
				Conductor—6 AWG	45	1
				Conductor—10 AWG	45	2
				Conductor—12 AWG	45	11
				Conductor—16 AWG	45	45
				Conductor—20 AWG	45	26
				Conduit—D/3M CW1200S 11 ft	46	2
				Conduit—D/3M CW1200S 12 ft	45	6
				Conduit—D/3M CW1200S 25 ft	46	1
				Conduit—D/23M CW1200S 24 ft	46	1
				Conduit—S/4M CW1200S 3 ft	46	1
				Conduit—S/4M CW1200S 4 ft	46	2
				Conduit—S/4M CW1200S 8 ft	46	2
				Conduit—S/4M CW1200S 16 ft	46	1
				Conduit—S/6M CW1200S 15 ft	46	1
				Conduit—S/6M CW1200S 17 ft	46	1
				Conduit Assy—⅛ in.	45	2
				Conduit Assy—¼ in.	45	15
				Conduit Assy—⅜ in.	45	6
				Conduit Assy—½ in.	45	2
				Conduit Assy—⅝ in.	45	4
				Conduit Assy—1 in.	45	8
				Conduit Assy—1¼ in.	45	2
				Connection Assy	38	2
	8800			Connector—No. 1 cable to ½ in.	84	AR
	8800			Connector—No. 1 run No. 10 tap	84	AR
	8800			Connector—No. 1 run No. 1 tap	84	AR
	8800			Connector—No. 10 wire to ½ in.	84	AR
				Control Assy	63	1
	6700			Coupling—Pump	34	2
	6700			Coupling—Half union	13	18
	1975			Coupling—Hose	69	7
	1975			Coupling—Hose 1½ in.	69	1
	6700			Coupling—Sight gage	34	4
				Coupling—Valve stem	72	
				Coupling—Wheel stem	72	
	C.E.			Cover—Acorn	58	1
	1975			Cover—Back	30	1

ARMY STATUS	PROPERTY CLASSIFICATION U. S. ARMY	U. S. NAVY	BRITISH	PART NUMBER	GROUP LIST PAGE NUMBERS	TOTAL QTY.
	C.E.			Cylinder—CO_2	58	5
	1975			Cylinder Assy—Hydraulic	14	1
				Drain Assy	54	1
	1975			Duct—25 x 18 x 18 in.	76	1
	1975			Duct—80 x 28 in. x 20 ga	79	1
	6700			Elbow—3 in.	63	1
	6700			Elbow—Brass ½ x ⅜ in.	42	1
	1975			Elbow—Filler	38	2
	6700			Elbow—Fitting	51	2
	6700			Elbow—Half union ⅛ x ¼ in.	83	1
	6700			Elbow—Half union ½ x ⅜ in.	16	16
	1975			Elbow—Inlet	38	2
	6700			Elbow—Reducing	72	3
	6700			Elbow—Street ⅛ x ⅛ in.	76	5
	6700			Elbow—Street 1¼ in.	83	1
	6700			Elbow—Street 1½ in.	85	2
	1975			Elbow—Tank filler	43	1
				Elbow Assy—Tank filler	43	1
	1975			Exchanger—Heat	43	1
	6800			Extension—Pump	34	2
	6700			Extension Assy—Valve	72	1
	6500			Ferrule	40	64
				Filler Assy	34	1
				Filler Assy—Aft tanks	49	3
				Filler Assy—Center tanks	20	4
				Filler Assy—Fwd tank	49	1
				Filler Assy—Storage tank	32	2
				Filler Assy—Wing tank frame 43	20	2
				Filler Assy—Wing tank frame 59	21	2
	1975			Filter—Oil	43	2
				Filter Assy—Angle drive	43	2
				Finder—Direction	83	1
	4202			Fitting	46	2
	1975			Fitting—⅛ x ¼ in.	31	2
	1975			Fitting—¾ x ¾ in.	22	6
	1975			Fitting—1 x 1 in.	25	2
	1975			Fitting—2½ x 2½ ID	20	16
	1975			Fitting—Filler 2 in.	32	2
	6800			Fitting—Vent ⅝ OD x 5 in.	32	2
	6700			Fitting—Vent thru hull ¾ in.	22	8
				Fitting Assy	63	1
				Fitting Assy—Clutch control	34	1
	1975			Fitting Assy—Thru hull	72	6
				Flange	49	
	1975			Flange—Blank	20	12
	1975			Flange—Caulking	69	8
	6700			Flange—Floor	38	4
	1975			Flange—Outlet	28	2
				Flange—Thru hull	12	2
	1975			Flange—Upper	12	2
				Flange Assy—Thru hull	12	2
	4200			Floodlight—Instrument panel	47	2
	1975			Foundation—Heat exchanger	39	4
				Frame Assy—Instrument panel	47	1
				Gage Assy—Sight	34	2
	6700			Gasket—Flange (Velutex)	41	2
				Gasket—Flange (Watson)	41	4
	6700			Gasket—Inspection cover	41	2
	6700			Gasket—Inspection plate 8 ID x 4¾ OD x 1/16 in.	34	4
	6700			Gasket—Outlet	34	2
				Gear Assy—Army vee drive	40	
				Gland Assy	14	
	C.E.			Generator—Foamite	65	1
	1975			Guard—Cam box	19	
				Handle—Steering	7	
				Hanger Assy—Hose	67	6
	C.E.			Head—Discharge	58	4
	1975			Heater—24-volt	78	5

ARMY STATUS	PROPERTY CLASSIFICATION U. S. ARMY	U. S. NAVY	BRITISH	PART NUMBER	GROUP LIST PAGE NUMBERS	TOTAL QTY.
				Heater Assy—Crew's quarters	76	1
				Heater Assy—Dispensary	83	1
				Heater Assy—Engine room	79	1
				Heater Assy—Forward crew's quarters	73	1
				Heater Assy—Galley	79	1
				Heating and Ventilating Assy—Crew's quarters	76	
				Heating and Ventilating Assy—Dispensary	82	2
				Heating and Ventilating Assy—Engine room	79	1
				Heating and Ventilating Assy—Forward crew's quarters	72	1
				Heating and Ventilating Assy—Galley	79	
	1975			Hose—Flexible 1 x 6 in.	25	1
	1975			Hose—Flexible 135-5 5/16 x 6 in.	31	1
	1975			Hose—Flexible type 135-12 3/4 ID x 7 in.	22	28
	1975			Hose—Flexible type 135-12 3/4 ID x 9 in.	24	6
	1975			Hose—Flexible type 135-40 2 1/2 ID x 9 in.	20	8
	6600			Hose—Rubber 5-ply 7/8 ID x 2 in.	36	2
				Hose—Rubber 1 in.	26	2
	6600			Hose—Rubber 5-ply 1 ID x 2 in.	35	6
	6600			Hose—Rubber 4-ply 1 1/8 ID x 3 in.	43	2
	6600			Hose—Rubber 5-ply 1 1/8 ID x 3 in.	34	2
	6600			Hose—Rubber 1 1/2 in. ID	56	1
	6600			Hose—Rubber 1 1/2 ID x 3 in.	36	18
	6600			Hose—Rubber 1 1/2 x 17 ft.	67	3
	6600			Hose—1 1/2 x 50 ft.	67	2
	6600			Hose—Rubber 1 3/4 ID x 3 in. 5-ply	35	4
	6600			Hose—Rubber 4-ply 2 ID x 3 in.	39	2
	6600			Hose—Rubber 5-ply 2 ID x 3 in.	30	6
	6600			Hose—Rubber 5-ply 2 1/2 ID x 3 in.	30	2
	6600			Hose—Rubber 2-ply 2 3/4 x 3 in.	38	2
	6600			Hose—Rubber 5-ply 2 3/4 ID x 3 in.	38	4
	6600			Hose—Rubber 5-ply 3 ID x 7 in.	63	1
	6600			Hose—Rubber 5-ply 3 1/4 ID x 3 ft.	36	8
	6600			Hose—Rubber 4-ply 3 3/4 ID x 3 in.	38	4
	6600			Hose—Rubber 4-ply 3 3/4 ID x 6	44	2
	6600			Hose—Rubber 5-ply 3 3/4 x 3 in.	38	2
	6600			Hose—Rubber	49	AR
	6600			Hose—Rubber type M 5-ply 1 1/2 in.	69	6
	6600			Hose—Rubber type M 5-ply 1 1/4 in.	72	3
				Hose Assy—Exhaust	76	3
	1975			Hose Assy—Exhaust	83	1
	1975			Housing Assy—Cam	19	1
				Inlet Assy	51	8
				Inlet Assy—Angle drive	43	1
	1975			Inverter Assy—Vibrator	47	1
	1975			Joint—Ball	19	2
	1975			Key—Cotter	12	2
	6700			Key—Drive gear	43	1
				Key—Impeller	49	1
	6800			Key—1/4 x 1/4 x 1 11/16 in.	10	4
	6700			Key—5/8 x 1/8 in.	17	1
	1975			Key—Jackshaft to bridge sprocket	8	1
	1975			Key—Jackshaft to pilot house	8	1
	1975			Key—Jackshaft to torque tube	8	1
	6800			Key—Main torque to jackshaft	10	1
	6800			Key—Main torque to steering gear	10	1
	6800			Key—Tiller arm	12	1
	1975			Lavatory Assy—Crew	55	1
	1975			Lavatory Assy—Officers'	51	1
				Lever Assy—Receiver	18	2
	1975			Lever Assy—Transfer	16	1
	1975			Light—Aldis	46	1
	1975			Light—Masthead	46	1
	1975			Light—Overtaken	46	1
				Light Assy—Indicator	47	2
	7100			Line—Buoy	84	
				Line and Fitting Assy—Fuel	31	8
	1975			Line Assy—Fuel	28	1
				Line Assy—Vent	36	2
	1975			Line Assy—Water	36	2
	1975			Line System—Hydraulic	14	4
				Linkage Assy	10	1
				Log Assy—Shaft	44	2
	1975			Mount—Panel	47	1
				Mounting Assy—Heat exchanger	39	2
	1975			Net—Rescue	84	2
	1975			Nipple—1/2 x 1 3/4 in.	34	2
	6700			Nipple—3/4 in.	26	2
	6700			Nipple—1 in.	76	1
	6700			Nipple—1 x 1/4 in.	72	1
	6700			Nipple—1 x 1 1/2 in.	79	3
	6700			Nipple—1 1/4 x 2 in.	83	1
	6700			Nipple—2 x 2 in.	39	2
	6700			Nipple—2 x 2 3/4 in.	39	2
	1975			Nipple—2 x 3 in.	32	4
	6700			Nipple—2 1/2 in.	38	4
	6700			Nipple—3 in.	63	1
	1975			Nut—Acorn	7	1
	6700			Nut—Bracket	74	12
	6700			Nut—Brass 1/4-20	30	4
	6700			Nut—Brass 3/8 in.	38	8
	6700			Nut—Brass No. 8-32	39	16
	1975			Nut—Bronze 1/4-20	72	4
	1975			Nut—Bronze 5/16-18	43	4
	1975			Nut—Bronze 3/8-16NC	12	1
	1975			Nut—Bronze 1/2-13	44	72
	6700			Nut—Castle	40	16
	6700			Nut—Flare 1/4 in.	13	8
	6700			Nut—Flare 1/2 in.	14	14
	6700			Nut—Flare 1/2 x 1/2 x 3/8 in.	16	6
	1975			Nut—Hex	16	2
	6700			Nut—Hex No. 8-24	30	16
	6700			Nut—Hex No. 8-32	73	8
	6700			Nut—Hex No. 9-32	30	4
	6700			Nut—Hex No. 10-32	73	5
	6700			Nut—Hex 1/4-20	26	24
	6700			Nut—Hex 1/4-28NF	14	AR
	1975			Nut—Hex 5/16-18	63	4
	1975			Nut—Hex 3/8-16	7	28
	1975			Nut—3/8-16	67	20
				Nut—Lock	15	4
	1975			Nut—Square 1/4-20	12	12
	1975			Nut—Square 3/8-16	7	36
	1975			Nut—Sq hd 5/8-11	58	6
	6700			Nut—Steel 1/2 x 24	83	2
	6700			Nut—Steel 1/4-20NC	14	15
	1975			Nut—Steel 1/2-13	12	44
	1975			Nut—Steel 10-24	68	10
	6700			Nut—Steel 10-32	13	10
	6700			Nut—Union 1/2 in.	42	1
	6700			Nut—Union 5/8 in.	42	1
				Nut—Valve stem coupling	72	
	1975			Nut—Wing 3/8-16	67	4
				Oil In Assy—Angle drive	43	1
				Oil Out Assy—Angle drive	43	1
				Outlet Assy	34	6
				Outlet Assy—Aft tanks	49	2
				Outlet Assy—Angle drive	43	1
				Outlet Assy—Drain	51	1
				Outlet Assy—Forward tanks	49	2
				Outlet Assy—Salt water pump	39	2

ARMY STATUS	PROPERTY CLASSIFICATION U. S. ARMY	U. S. NAVY	BRITISH	PART NUMBER	GROUP LIST PAGE NUMBERS	TOTAL QTY.
	1975			Outlet Assy—Fuel aft center tanks	25	1
	1975			Outlet Assy—Fuel aft wing tanks	24	1
	1975			Outlet Assy—Fuel fwd center tanks	27	1
	1975			Panel—Brass	30	1
	1975			Panel—Heater control	74	3
	1975			Panel—Instrument engine	47	2
				Panel Assy—Auxiliary engine	47	1
				Panel Assy—Bridge	47	1
				Panel Assy—Crew's quarters	76	1
				Panel Assy—Dispensary	83	1
				Panel Assy—Forward crew's quarters	74	1
				Panel Assy—Gage	30	1
				Panel Assy—Galley	79	1
				Panel Assy—Main engine	47	1
				Panel Assy—Engine room instrument	47	1
	1975			Pedestal Assy—EH-16	15	1
	1700			Phone—S.P. handset	46	5
	1975			Pin—Clevis	12	4
	1975			Pin—Cotter	43	2
	6700			Pin—Cotter carbon steel 1/8 x 1 1/8	40	32
				Pin—Mounting lever	16	1
	6800			Pipe—Brass chromium plate	54	AR
	6800			Pipe—Brass std	51	AR
	6800			Pipe—Brass std 3/4 x 2 1/4 in	63	1
	6800			Pipe—Brass std 3 in	63	AR
	6800			Pipe—Brass std 3 x 6 3/8 in	63	1
	6800			Pipe—Copper	69	AR
	6800			Pipe—Heat exchanger	43	1
				Pipe—Special	72	
	6700			Pipe—Steel 3/8 in	63	AR
				Piping Assy—Blkhd 18	72	1
				Piping Assy—Blkhd 29	72	1
	1975			Piping Assy—Blkhd 42	69	1
				Piping Assy—Blkhd 60	69	1
	1975			Piping Assy—Discharge	59	1
				Piping Assy—Filter to heat exchanger	36	2
				Piping Assy—Filter to main engine	35	2
	1975			Piping Assy—Foamite and water	63	1
				Piping Assy—Frame 5	72	1
				Piping Assy—Frame 75	70	1
				Piping and Tank Assy—Fresh water pump	49	1
				Piping Assy—Heat exchanger to thermostat	36	2
				Piping Assy—Lubricating oil	35	1
				Piping Assy—Manifold	28	1
				Piping Assy—Pump	51	1
				Piping Assy—Service tank to thermostat	36	2
				Piping Assy—Strainer to main engine	35	2
				Piping Assy—Tank	51	1
				Piping Assy—Thermostat to filter heat exchanger line	36	2
				Piping Assy—Thermostat to heat exchanger	36	2
	1975			Piston Assy	14	2
	1975			Plate—Brass	30	8
				Plate—Bronze	12	2
	1975			Plate—Filler for Willis P-985	49	2
	1975			Plate—Inspection	49	1
	1975			Plate—Label plastic	46	10
	1975			Plate—Label plastic 1/16 x 3/4 x 2 in	18	4
	7200			Plate—Oak	58	5
				Plate Assy—Inspection	34	1
	6700			Plug—Pipe 1/8 in. NPT	74	1
	6700			Plug—Pipe 1/2 in	42	4
				Plug—Pipe body	49	4

ARMY STATUS	PROPERTY CLASSIFICATION U. S. ARMY	U. S. NAVY	BRITISH	PART NUMBER	GROUP LIST PAGE NUMBERS	TOTAL QTY.
	6700			Plug—Welch	40	4
	1975			Propeller—RH rotation	44	2
				Propeller Assy	44	2
	C.E.			Pulley—End	63	5
	1975			Pump—Fuel	79	1
				Pump Assy—Oil angle drive	41	1
	1975			Pump Assy—Self priming	49	1
	1975			Receiver—Control	13	2
	6700			Reducer—1 IPS x 1 1/4 in	76	2
	8800			Resistor—300 ohms	83	
				Resistor—1000 ohms	83	
	8800			Resistor—2000 ohms	83	
	8800			Resistor—10,000 ohms	83	
	8800			Resistor—15,000 ohms	83	
	8800			Resistor—25,000 ohms	83	
	8800			Resistor—35,000 ohms	83	
	8800			Resistor—250,000 ohms	83	
	8800			Resistor—2 meg ohms	83	
				Rheostat—Binnacle light	46	3
	1975			Rheostat—Windshield wiper	47	2
	1975			Ring—Finishing	77	2
	7100			Ring—Packing	10	2
	1975			Ring—Thru hull fitting	72	4
	6700			Rivet—Button hd 1/4 dia x 1 7/8 in	12	6
	6700			Rivet—Button hd 1 1/4 x 1 5/8 in	8	22
				Rivet—Wheel stem	72	
	1975			Rod—Connecting 1/4 dia x 4 in	13	2
				Rod—Connecting 1/4 dia x 6 in	19	1
	1975			Rod Assy—Tie	12	1
	1975			Rudder Assy	12	2
	7200			Saddle—Tank rear 2 x 2 5/8 x 9 1/8	58	10
				Scoop Assy—Crew's quarters	77	2
				Scoop Assy—Inlet	38	2
				Scoop Assy	38	2
	1975			Scoop—Wind 14 x 10 x 18 gage	77	2
	1975			Screen—Heater dispensary 52 x 11 x 1/4 in	83	1
	6700			Screw—Allen set steel No. 10-32 x 1/4 in	74	2
	6700			Screw—Allen hd cap steel 1/4-20 x 3/4	41	4
	6700			Screw—Cap 1/4-20NC x 3/4 in	36	8
	6700			Screw—Cap 1/4-20 x 3 in	43	4
	6700			Screw—Cap 1/4-20NC-3 x 1 1/8	34	70
	6700			Screw—Cap 1/4-20 x 3 1/2	43	4
	6700			Screw—Cap 5/16-18 x 1	41	4
	6700			Screw—Cap 1/2-28NF-2 x 3/4 in	22	24
	6700			Screw—Cap hex 1/4-28 NF-2 x 3/4	20	656
	6700			Screw—Drive type U 5/16 in. No. 6	13	16
	6700			Screw—Fil-hd .216-24 x 1 1/4 in	13	4
	6700			Screw—Fil-hd .164-32 x 1/2 in	13	4
	6700			Screw—Fil-hd No. 8-32 x 1/16 in	74	1
	6700			Screw—Fil-hd 1/4-28 x 1 1/4	13	2
	6700			Screw—FH machine steel No. 6-32 x 1/4	44	10
	6700			Screw—FH machine brass No. 6-32 x 1/2 in	44	16
	6700			Screw—FH machine No. 6-40 x 1/4	74	2
	6700			Screw—FH machine No. 8-32 x 1/2	73	3
	6700			Screw—FH machine No. 8-32 x 7/16	73	12
	6700			Screw—FH machine No. 10-32 x 3/8	73	14
	6700			Screw—FH machine No. 10-32 x 7/16	73	2
	6700			Screw—FH machine No. 10-32 x 1/2 in	73	1

ARMY STATUS	PROPERTY CLASSIFICATION U. S. ARMY	U. S. NAVY	BRITISH	PART NUMBER	GROUP LIST PAGE NUMBERS	TOTAL QTY.
	1975			Screw—FH machine ¼-20NC-3 x ½	38	6
	6700			Screw—FH machine ¼-20NC x ½	38	25
	1975			Screw—FH machine bronze 1⅛-20NC x ½	44	8
	6700			Screw—FH wood brass	51	8
	6700			Screw—FH wood brass No. 8 x 1 in.	63	AR
	6700			Screw—FH wood brass No. 8 x 1¼ in.	51	8
	6700			Screw—FH wood brass No. 10 x 1¼ in.	52	16
	6700			Screw—FH wood brass No. 12 x 1½ in.	21	8
	1975			Screw—FH wood bronze 1½ in. No. 12	72	3
	6700			Screw—FH wood brass 1½ in. No. 2	20	24
	6700			Screw—FH wood brass 1¾ in. No. 12	47	48
	1975			Screw—FH wood bronze No. 10 x 1 in.	32	16
	1975			Screw—FH wood 1¼ in. No. 12	38	14
	1975			Screw—FH wood bronze 1½ in. No. 10	69	28
	1975			Screw—FH wood bronze 2¾ in.	44	42
	6700			Screw—FH wood 1¼ in. No. 12	49	4
	1975			Screw—FH wood steel	47	40
	1975			Screw—FH wood galv iron No. 10 x 1½ in.	67	108
	1975			Screw—FH wood steel No. 12 x 1¼	44	AR
	1975			Screw—FH wood steel No. 6 x ½ in.	75	30
	1975			Screw—FH wood steel No. 10 x 1 in.	77	40
	1975			Screw—FH wood steel No. 12 x 2	75	8
	1975			Screw—FH wood steel No. 14 x 2	58	26
	1975			Screw—FH wood steel No. 14 x 3	58	20
	1975			Screw—FH wood steel No. 10 x 1¼	38	10
	1975			Screw—FH wood steel No. 14 x 2½	39	16
				Screw—Hex hd steel	49	6
				Screw—Lock	15	2
	6700			Screw—Machine brass No. 8-24 x 1½	30	16
	6700			Screw—Machine brass ¼-20NC x ½	34	6
				Screw—Mounting	16	4
	6700			Screw—Mounting ¼-20 x 1¾	43	8
	6700			Screw—Mounting ⅜-NC-6 x ¾ steel hex hd.	17	4
	6700			Screw—Oval hd machine No. 10-32 x ⅝ in.	74	8
	6700			Screw—Oval hd wood brass No. 6 x ¾ in.	63	32
	6700			Screw—Oval hd wood brass No. 8 x ¾ in.	47	32
	6700			Screw—Oval hd steel .190-32 x ½ in.	13	4
	6700			Screw—RH machine brass ¼-20NC-2 x ½ in.	28	16
	6700			Screw—RH machine brass ¼-20NC-2 x 1 in.	26	6
	6700			Screw—RH machine brass No. 8-32	38	32
	6700			Screw—RH machine brass No. 8-32 x ⅝ in.	39	16
	6700			Screw—RH machine brass No. 9-32 x ¾ in.	30	4
	6700			Screw—RH machine brass No. 10-24 x 1 in.	44	1
	6700			Screw—RH machine steel No. 3-32 x ½ in.	79	4
	6700			Screw—RH machine steel No. 3-32-24 x ½ in.	74	12

ARMY STATUS	PROPERTY CLASSIFICATION U. S. ARMY	U. S. NAVY	BRITISH	PART NUMBER	GROUP LIST PAGE NUMBERS	TOTAL QTY.
	6700			Screw—RH machine steel 6-32 x ¾	44	4
	6700			Screw—RH machine steel No. 8-32 x ¼ in.	44	26
	6700			Screw—RH machine steel No. 8-32 x ¾ in.	44	12
	6700			Screw—RH machine steel No. 8-32 x 3 1/16 in.	73	2
	1975			Screw—RH machine steel No. 10-24 x 1½ in.	63	10
	1975			Screw—RH steel 1¼ in. No. 12	77	4
	6700			Screw—RH wood No. 6 x ¾	30	26
	6700			Screw—RH wood brass No. 7 x ⅝ in.	29	AR
	6700			Screw—RH wood brass No. 8 x ¾ in.	26	16
	6700			Screw—RH wood brass No. 6 x ¾ in.	30	AR
	6700			Screw—RH wood brass No. 12 x 1 in.	13	28
	6700			Screw—RH wood brass No. 10 x 1¼ in.	47	8
	1975			Screw—RH wood steel No. 6 x ½ in.	76	6
	1975			Screw—RH wood steel No. 14 x 1¼ in.	83	4
	6700			Screw—RH wood steel No. 12 x 2 in.	43	2
	1975			Screw—RH wood steel No. 14 x 2 in.	38	10
				Screw—Set body (Hendy)	49	2
				Screw—Set impeller	49	1
	6700			Screw—Set steel ¼-28 x 5/16	43	1
	6700			Screw—Set sq hd cup point 20NC-3 steel ¼-1 in.	7	9
	1975			Searchlight—110-volt	47	1
	1975			Searchlight—Portable	46	1
	1975			Searchlight—Portable style No. 100	84	2
	1975			Shaft—Solid steel 1¼ dia x 15⅛ in.	10	1
				Shaft Assy—Angle drive	43	2
	6800			Sheet—Brass QQ-B-636 1/16 x 1 x 9	45	1
	6800			Sheet—Copper QQ-C-501 16 x ½ x 7 in.	45	1
	7000			Sheet—Phenolic 1/16 x 3 x 4 in.	45	1
	7000			Sheet—Phenolic 1/16 x 3 x 19 in.	45	1
	7000			Sheet—Phenolic 5/16 x 1½ x 26 in.	45	1
	7000			Sheet—Phenolic 1 x 2½ x 19 in.	45	1
	7000			Sheet—Steel 16 x 18 x 36 also 14 x 2¼ x 14 in.	45	1
	6700			Sheet—Vellumoid 1/16 x 12 x 30 in.	45	1
	1975			Shield—Drip brass	47	
				Shower Assy—Crew	54	1
				Shower Assy—Officer's	51	1
				Sink Assy—Dispensary	56	1
				Sink Assy—Galley	57	1
	1975			Solenoid Assy	16	2
				Spline Assy—Female	10	1
	1975			Spline Assy—Male	10	2
	6700			Spring—Valve type 12-1/8 in.	42	2
	6700			Spring—Valve type 11 ¾ in.	42	2
				Sprocket Assy	10	1
				Sprocket Assy	7	1
	1975			Sprocket Assy	8	1
	1975			Sprocket Assy—Jackshaft to bridge	8	1
	1975			Sprocket Assy—Jackshaft to main torque tube	8	1
	1975			Sprocket Assy—Main torque tube to steering gear	10	1

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	6800			Standpipe—Copper type L 1½ x 26 in.	34	2
	1975			Steering Assy—Pilot house	7	1
	1975			Steering Assy—Bridge	7	1
	1975			Stowage Assy—Tank	58	1
				Stowage Assy—Foamite and water	67	1
	1975			Strainer—Bronze	17	1
				Strainer—Oil bronze	34	4
	1975			Strap—Cylinder steel ¼ x 2 x 20 in.	58	3
	6800			Strap—Tube brass .125 x 1 x 5 in.	43	1
	6800			Strip—Bonding copper 20 ga x ½ in.	38	AR
	6800			Strip—Bonding copper ½ x 7 ft x 20 ga	39	1
	8800			Strip—Copper 1 in. x 20 ga	84	AR
	7200			Strip—Facing oak 1⅛ x 1 x 12	67	9
				Strip Assy—Bonding	38	2
				Strip Assy—Bonding	39	1
				Strut Assy—Main propeller shaft	44	2
	1975			Strut Assy—Intermediate propeller	44	2
	1975			Stud—Bronze ⅜ x 2⅝-16NC-3	12	4
	7200			Support—Tank bottom oak ⅞ x 2 x 7 in.	58	10
	1975			Switch—Brass	19	1
				Switch Assy—Micro	19	1
	C.E.			Switch—Pneumatic	59	1
				Switch—Starter	47	3
	1975			Tank Assy—Expansion	38	2
	1975			Tank Assy—Fresh water	49	
				Tank Assy—Fuel	32	8
				Tank Assy—Lubricating oil	43	1
				Tank Assy—Pressure	51	1
	6700			Tape—Asbestos	83	AR
	6700			Tee—Service 3 in.	63	1
				Terminal—Bee	44	51
				Tiller Assy—Emergency	12	1
				Toilet Assy—Crew	53	1
				Toilet Assy—Officer's	52	1
				Transfer Assy—Storage to service tank	35	2
	1975			Transmitter Assy—Intermediate	13	8
	8800			Tube—6C5	88	
	8800			Tube—65A7	88	
	8800			Tube—65J7	88	
	8800			Tube—65K7	88	
	8800			Tube—VR-105-30	88	
	6800			Tube—Torque	10	AR
	1975			Tube Assy—Main torque	10	1
	6800			Tubing—Copper 3¼ x .065	38	2
	6800			Tubing—Jackshaft	8	1
	6800			Tubing—Tank	51	AR
	1975			Tubing—Tiller handle	12	AR
	1975			Tubing—Tiller shaft	12	AR
	1975			Tubing—Torque	12	AR
				Tubing Assy	44	2
	6800			Tubing—Copper ¼ in. x .035 wall	13	AR
	6800			Tubing—Copper ¼ in. x .065 wall	30	AR
	6700			Tubing—Copper ½ in. .040 wall	31	AR
	6800			Tubing—Copper ½ in. .049 wall	30	AR
	6800			Tubing—Copper ⅝ in. .035 wall	29	AR
	6800			Tubing—Copper soft ⅝ in. .035 wall	43	AR
	6800			Tubing—Copper ½ in. .072 wall	63	AR
	6800			Tubing—Copper ⅝ in. .049 wall	42	AR
	6800			Tubing—Copper ¾ in. .045 wall	22	AR
	6800			Tubing—Copper ¾ in. .065 wall	29	AR

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	6800			Tubing—Copper ¾ in. .065 wall	36	AR
	6800			Tubing—Copper ⅞ in. .045 wall	36	AR
	6800			Tubing—Copper 1 in. .050 wall	25	AR
	6800			Tubing—Copper 1 in. .065 wall	30	AR
	6800			Tubing—Copper 1¼ in. .042 wall	56	AR
	6800			Tubing—Copper 1¼ in. .055 wall	72	AR
	6800			Tubing—Copper 1¼ in. .065 wall	76	AR
	6800			Tubing—Copper 1½ in. .065 wall	36	AR
	6800			Tubing—Copper 1½ in. .072 wall	65	AR
	6800			Tubing—Copper 1¾ in. .065 wall	35	2
	6800			Tubing—Copper 2 in. .065 wall	39	AR
	6800			Tubing—Copper 2½ in. x 2 ft 6 in. .065 wall	36	AR
	6800			Tubing—Copper 2½ in. .080 wall	20	AR
	6800			Tubing—Copper 3¼ in. .065 wall	36	AR
	6700			Union—Brass 3 in. IPS	63	1
	6700			Union—Female ½-C x ¼ in.	31	2
	6700			Union—Female 2½ C x 2½ in.	20	15
	6700			Union—Half ½ in. tubing	42	2
	6700			Union—Half ⅝ in. tubing	42	2
	6700			Valve—Angle No. 2	63	1
	C.E.			Valve—Check	59	2
	1975			Valve—4-way lever and solenoid assy	16	1
	1975			Valve—Magnetic shut-off	74	5
	1975			Valve Assy—Pressure relief	17	1
				Valve—Selector	30	4
				Vent and Blower Assy	81	3
				Vent Assy—Deck aft portside	23	1
				Vent Assy—Deck aft starboard	23	1
				Vent Assy—Deck fwd portside	22	3
				Vent Assy—Deck fwd starboard	22	3
				Ventilator Assy—Crew's quarters	77	2
				Ventilator Assy—Dispensary	82	2
				Ventilator Assy—Fwd crew's quarters	75	2
	6700			Washer—Brass	47	24
	6700			Washer—Brass ⅛ in.	30	16
	1975			Washer—Bronze ⅛ in.	43	8
	6700			Washer—Brass ⅜ x 1 x ¼ in.	30	8
	1975			Washer—Brass ⅝ in.	59	AR
	6700			Washer—Brass for No. 8 screw	47	4
	1975			Washer—Bronze ½ in.	44	36
				Washer—Lock	12	1
	6700			Washer—Lock ⅛ x ⅜ x ⅛ in.	30	4
	1975			Washer—Lock bronze ¼ in.	72	4
	6700			Washer—Lock steel ¼ in.	43	30
	6700			Washer—Lock No. 6	73	6
				Washer—Lock No. 8	73	29
	6700			Washer—Lock No. 10	73	17
	6700			Washer—Lock No. 12	13	4
	6700			Washer—Lock ¼ x ⅜ x ⅛ in.	32	384
	6700			Washer—Shakeproof No. 19	13	4

ARMY STATUS	PROPERTY CLASSIFICATION U. S. ARMY	U. S. NAVY	BRITISH	PART NUMBER	GROUP LIST PAGE NUMBERS	TOTAL QTY.
	6700			Washer—Spacer ½ in....	42	8
	1975			Washer—Steel galv ¼ in.....	74	48
	1975			Washer—Steel galv ¼-28.....	77	4
	1975			Washer—Steel galv ¼ x 3½.....	81	4
	6700			Washer—Steel ⅝ x 21/64 x 1/16 in.....	41	64
	6700			Washer—Steel ⅞ x 21/64 x 1/16 in.....	41	48

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	1975			Wheel Assy—Steering...	7	1
				Wheel—Steering.....	7	
	7000			Window—Instrument panel clear plastic.....	47	1
	1975			Wiper—Windshield.....	47	2
	8800			Wire—Copper No. 10....	84	AR
	6800			Wire—Locking.....	41	AR
				Wire—Chrome.....	44	1 pc
	C.E.			Yoke Assy.....	68	1