

CHAPTER 9

RIGID SEAT SURVIVAL KIT - 8 SERIES

(ROCKET JET AND SCOTT)

Section 9-1. Description

9-1. GENERAL.

9-2. The Rigid Seat Survival Kit - 8 Series (RSSK-8 Series) is designed for use with Douglas ESCAPAC ejection seats and functions as a seat cushion for the aircrewman as well as a container for an emergency oxygen system, liferaft and survival equipment (figures 9-1 and 9-2). There are three manufacturers of these kits, Rocket Jet Engineering Corp., Scott Aviation Corp. and East-West Industries.

NOTE

Unless otherwise indicated, all illustrations depict the latest configuration of the RSSK-8 as manufactured by Scott Aviation Corporation. Assembly, subassembly and detail part relationships for Rocket Jet and Scott kits are found in the [Illustrated Parts Breakdown](#).

9-3. CONFIGURATION.

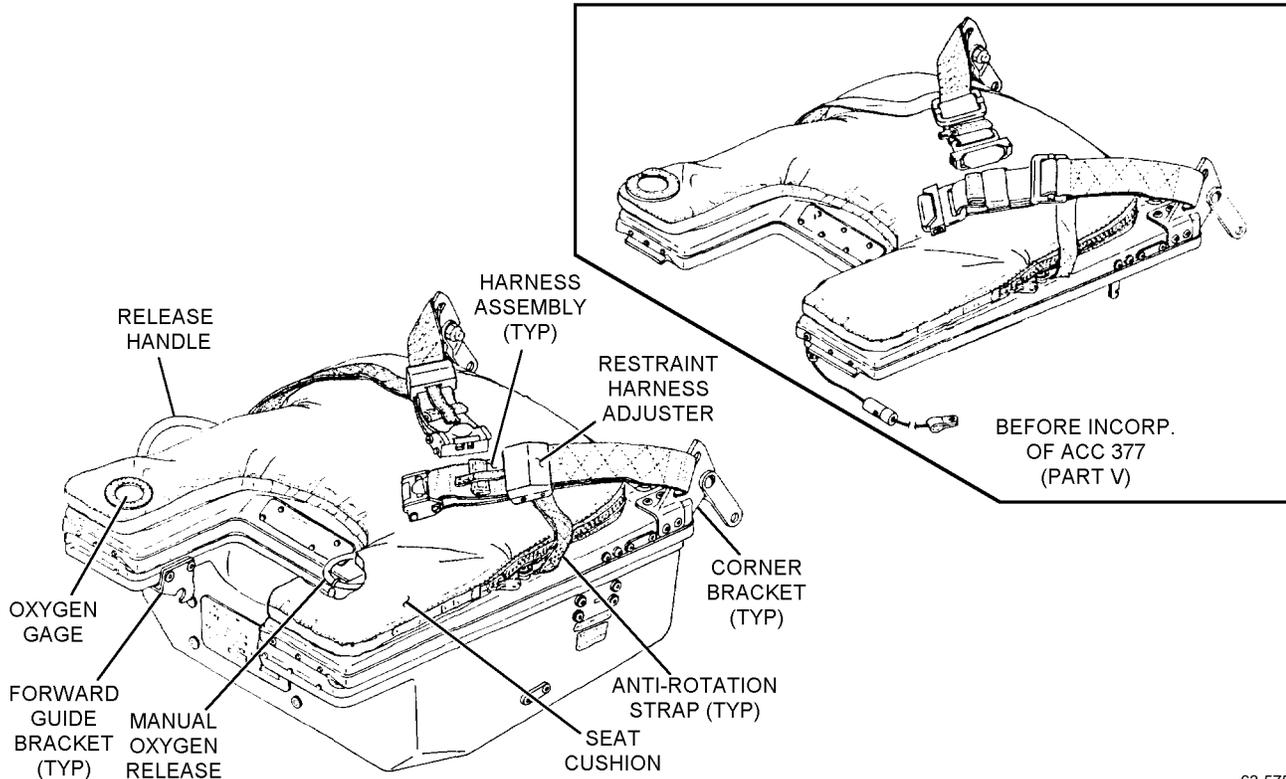
9-4. The RSSK-8 is constructed of a bonded fiberglass body and an extruded metal lip interconnecting the upper and lower containers. The kit is opened by the yellow handle mounted on the forward right side. Two adjustable retaining straps, permanently mounted on the upper container, provide attachment of the kit to aircrewman's torso harness. A flexible oxygen and communications hose installed on the aft left side of upper container provides connection for communications and oxygen functions between aircraft and aircrewman. The upper container assembly also houses a 53 cu in., 1800 psi, emergency oxygen cylinder capable of supplying over 10 minutes of breathing oxygen for high altitude bailout. Or, in the event of

a failure of the aircraft oxygen system, emergency oxygen is available by pulling the manual oxygen release on the kit. Oxygen from the kit then flows to the aircrewman through the emergency oxygen system reducer in the kit. A check valve in the oxygen line prevents emergency oxygen from flowing into aircraft system or overboard from kit. The reducer is automatically operated by a lanyard connected between the actuator and aircraft structure during ejection. The liferaft and survival equipment are stowed in the lower container.

9-5. When seated aboard the aircraft, the aircrewman connects the kit quick-release fittings on his retaining straps to his torso harness. The personal service leads are connected via quick-disconnect fittings. These leads can be quickly disconnected by pulling the leads at the disconnect points.

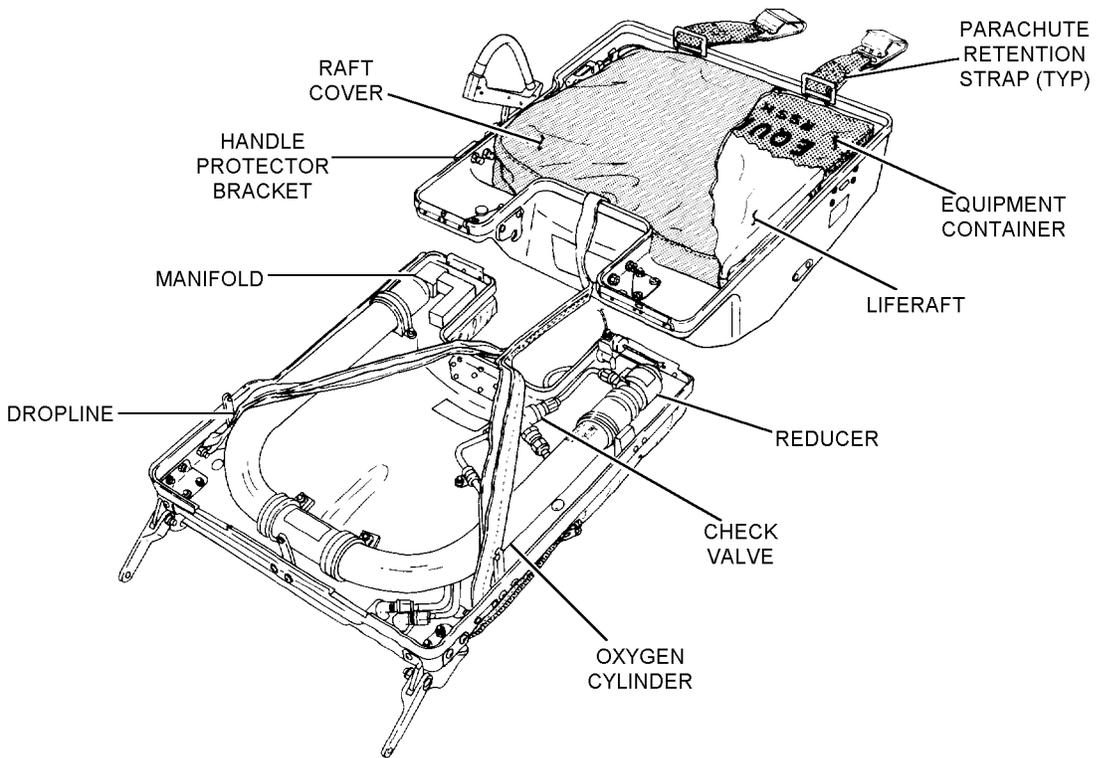
9-6. SUBASSEMBLIES. The major subassemblies of the RSSK-8 are:

1. Emergency Oxygen System
2. Upper and Lower Containers
3. Release Mechanism
4. Dropline Assembly
5. Cushion
6. Hose Assembly
7. Survival Equipment Container
8. Harness Assembly



63-575A

Figure 9-1. RSK-8 Closed



63-576A

Figure 9-2. RSK-8 Open

9-7. REFERENCE NUMBERS, ITEMS AND SUPPLY DATA.

9-8. Figures 9-18 through 9-29 are for Rocket Jet Engineering Corporation and figures 9-30 through 9-35 are for Scott Aviation Corporation. These figures contain information on each assembly, subassembly and component part for each RSSK-8. The figure and index number, reference or part number, description and units per assembly are provided.

at seat ejection. The aircrewman is then supplied emergency oxygen for descent (figure 9-3).

NOTE

If automatic actuation of the emergency oxygen system fails, the emergency oxygen system may be actuated by means of the manual oxygen release (green ring).

WARNING

Similar parts from kits made by different manufacturers are not interchangeable. Attempts to substitute one manufacturer's part for another may cause the kit to malfunction. Make sure the parts and assembly lists are for the proper kit when servicing a kit, or ordering replacement components for it.

2. The radio beacon is also actuated by means of an automatic actuation lanyard upon seat ejection. The beacon will provide a continuous signal during descent.

3. When a safe altitude is reached, the aircrewman pulls the kit release handle free of the kit. This unlocks the containers and the lower half falls away but remains attached by the dropline assembly. The life-raft, attached to the dropline, is automatically inflated when dropline reaches maximum extension and snubbing action initiates liferaft inflation assembly.

9-9. APPLICATION.

9-10. The RSSK-8 is a part of the survival equipment used by aircrewman aboard aircraft listed in table 9-1.

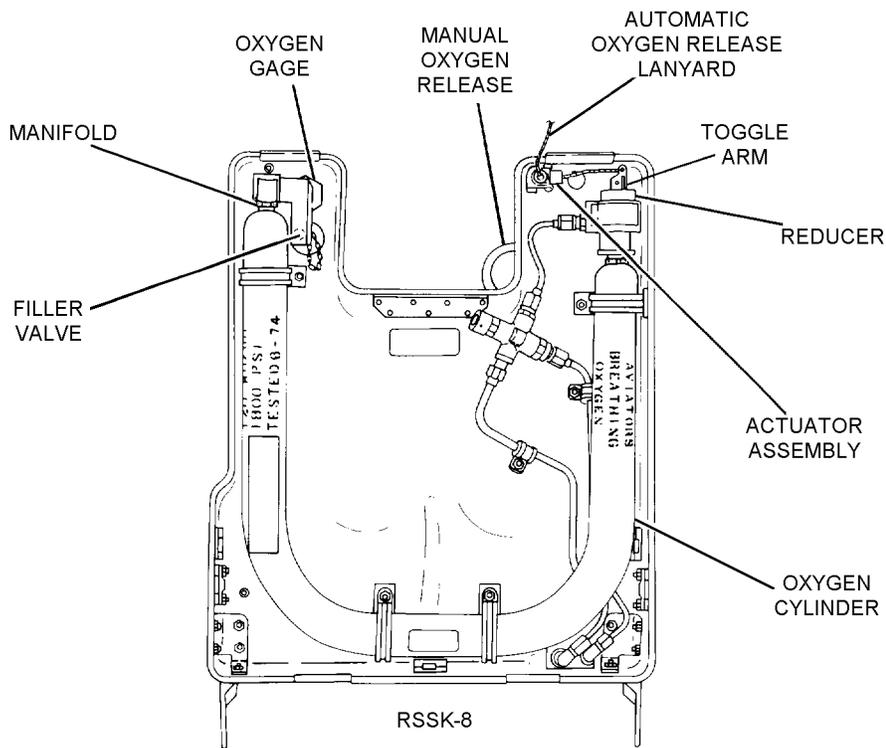
9-11. FUNCTION.

9-12. When the aircrewman ejects from the aircraft, the following functions occur:

1. The automatic actuation lanyard for the emergency oxygen system actuates the reducer assembly

Table 9-1. RSSK-8 Application

Escape System	IC-3	IF-3	IG-3	IE-1
Aircraft	A-4F A-4M EA-4F TA-4F TA-4J	A-4F A-4M TA-4F TA-4J	A-4F A-4M TA-4F TA-4J	S-3A (See Note)
Notes: Survival kits used in S-3A Type A/C must be updated to provide compatibility with AIC-14 Intercommunication Systems and the Integrated Communication Control System. Refer to Section 9-2, Modifications.				



63-297A

Figure 9-3. Emergency Oxygen Schematic

Section 9-2. Modifications

9-13. GENERAL.

9-14. The RSK-8 shall be updated by comparing the configuration of the assembly with the directives

listed in [table 9-2](#). Repair, fabrication, and installation instructions to maintain serviceability are listed in [table 9-3](#).

Table 9-2. Directives

Description of Modification	Application	Modification Code
Securing of RSK-8 Equipment Container	All RSK-8 Series Kits	66-332 Amend I
Modification of Emergency Oxygen Release Assembly	All RSK-8 Series Kits	66-325 Part II Amend I
Installation of Structurally Improved Hardware	All RSK-8 Series Kits	66-377
Installation of the Toggle Modification Kit on the Pressure Reducer Assembly	Only on the RSK-8D's Seat Survival Kit	66-484

Table 9-3. Repairs/Fabrications/Installations

Description of Repairs/ Fabrications/Installations	Application	Paragraph
Installation of CX-13017/AR Electrical Cable Assembly (32-Inch)	All RSSK-8 Series Kits Used in S-3A A/C	Chapter 4

Section 9-3. Rigging and Packing

9-15. GENERAL.

9-16. Unless operational requirements demand otherwise, rigging and packing of the RSSK-8 shall be accomplished at Intermediate Levels of maintenance by qualified personnel in accordance with applicable aircraft maintenance requirement cards (MRCs).

NOTE

Quality assurance steps are provided for critical operations. When a step is underlined, the Aircrew Survival Equipmentman shall perform the operation and then have performance verified by Quality Assurance (QA).

9-17. RIGGING AND PACKING PROCEDURES.

9-18. Rigging and packing of the RSSK-8 is accomplished in eight separate operations as follows:

1. Preliminary Procedures.
2. Radio Beacon Rigging and Installation
3. Survival Equipment Binding
4. Survival Equipment Packing
5. Stowing Dropline
6. Liferaft Preparation, Folding, Rigging and Packing
7. Closing Container

8. Cockpit Routing and Installation of the Emergency Radio Beacon Lanyard

9-19. PRELIMINARY PROCEDURES. The following preliminary procedures shall be accomplished prior to rigging and packing the RSSK-8.

1. Ensure RSSK-8 and components have been inspected in accordance with [Section 9-5](#).
2. Inspect oxygen hose assemblies in accordance with [Chapter 4](#).
3. Remove upper container assembly from lower container assembly.
4. Remove liferaft cover. Inspect liferaft cover for damaged fabric and loose, broken, or frayed stitching.

WARNING

CO₂ bottle is under pressure. Use caution when disconnecting CO₂ bottle from liferaft. Do not loosen or attempt to remove inflation valve assembly from CO₂ cylinder.

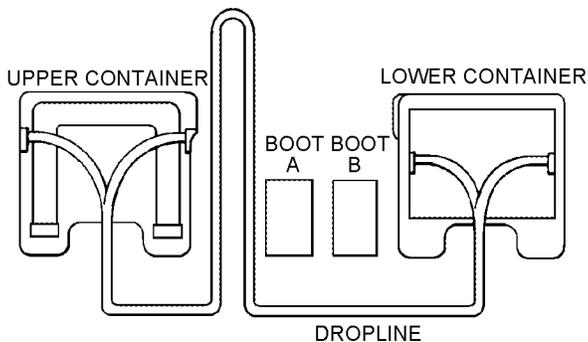
CAUTION

Ensure actuating line is disconnected from CO₂ cylinder inflation valve before removal of CO₂ cylinder from liferaft.

5. Disconnect CO₂ cylinder from liferaft as follows:

NAVAIR 13-1-6.3-1

- a. Carefully remove liferaft from container.
 - b. Disconnect actuation line from CO₂ cylinder.
 - c. Disconnect CO₂ cylinder from liferaft.
 - d. Remove large loop of drop line from CO₂ cylinders neck.
 - e. Ensure anti-chafing disc is installed. Reconnect CO₂ cylinder to liferaft finger tight. If functional test is required torque valve 80 to 90 in-lbs.
6. Ensure liferaft and CO₂ cylinder have been inspected in accordance with NAVAIR 13-1-6.1-1.
 7. Remove dropline from boots and align kit components on a clean flat surface as shown.



63-321

Step 7 - Para 9-19

NOTE

A newly fabricated or procured dropline assembly will have a final dimension of 26 feet, 4 inches \pm 2 inches. However, a dropline assembly is subjected to a certain amount of stretch during its stowing process, and shrinkage during its cleaning process, therefore a tolerance of \pm 12 inches is acceptable for an older dropline assembly.

8. Inspect dropline to ensure proper attachment to upper and lower containers. Also ensure dropline length is 26 feet, 4 inches \pm 12 inches.

9. Ensure survival items have been inspected in accordance with NAVAIR 13-1-6.5.

NOTE

Ensure battery service life does not expire prior to the next scheduled inspection cycle of the assembly in which the radio set is installed. Refer to NAVAIR 16-30URT33-1 for battery service life.

10. Remove radio beacon set from kit and ensure that the battery and radio beacon have been inspected in accordance with NAVAIR 16-30URT33-1.

11. Check seat pan and cushion assembly for cuts, tears, and abrasions, and hardware for security of attachment, corrosion, damage, wear, and ease of operation.

12. (Before ACC 377) Ensure security of closure strap and attaching hardware.

9-20. RADIO BEACON RIGGING AND INSTALLATION. To rig and install the AN/URT-33 emergency radio beacon, proceed as follows:

Materials Required

Quantity	Description	Reference Number
1	Beacon Set, Radio AN/URT-33A	MIL-B-38401A
1	Actuator Indicator Assembly	CL204D3-11, (CAGE 80206) NIIN 00-127-5597
1	Pin, Cotter, Hairpin	LHCOTC, (CAGE 96652) NIIN 00-956-5635
1	Lanyard, Actuating AN/URT-33A (Note 1)	CL204C4-5
1	Lanyard, Actuating AN/URT-33A (Note 2)	CL204C4-6

- Notes:
1. S-3 aircraft pilot and copilot positions, 1 each.
 2. S-3 aircraft TACCO and SENSO positions, 1 each, and A-4/TA-4 aircraft.

NOTE

Ensure slider switch on radio beacon is OFF. Slider switch is in OFF position when the word ON is not visible on radio beacon housing.

Determine if beacon has been modified in accordance with [steps 1 through 4](#) before proceeding to [step 5](#).

Retain automatic actuation plug, lanyard, and metal insert in shop area for possible future use.

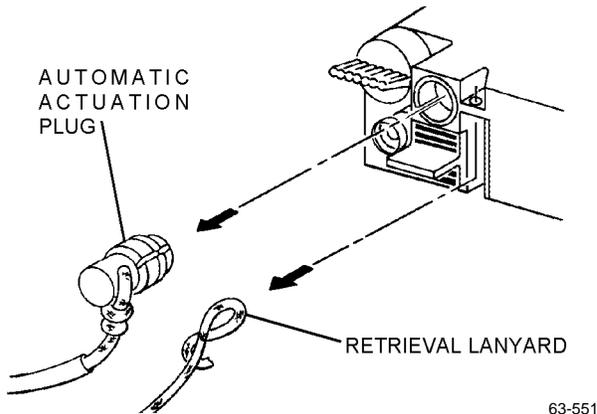
3. Install actuator indicator assembly (P/N CL204D3-11) handtight in beacon position from which threaded metal insert was removed.

4. Depress indicator plunger, align holes in plunger and collar, and insert hairpin cotter.

5. Ensure hairpin cotter and collar are free to rotate 360° without binding. If hairpin cotter and collar are free proceed to [step 7](#). If hairpin cotter and collar do not rotate, refer to [NAVAIR 16-30URT33-1](#).

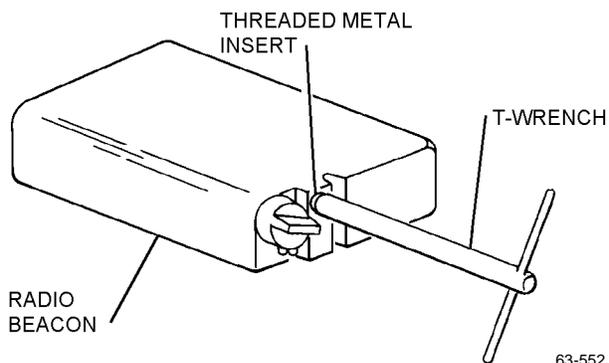
6. Connect flexible antenna to radio beacon. Push bayonet type fitting in and turn to right.

1. Remove and retain automatic actuation plug and lanyard. Remove and discard retrieval lanyard.

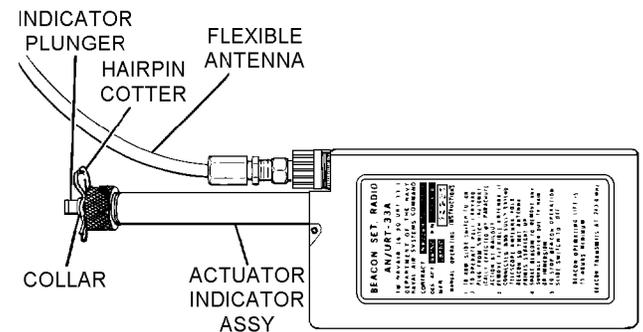


Step 1 - Para 9-20

2. Remove threaded metal insert from beacon using locally manufactured T-wrench. (See [paragraph 9-79](#) for fabrication instructions.)

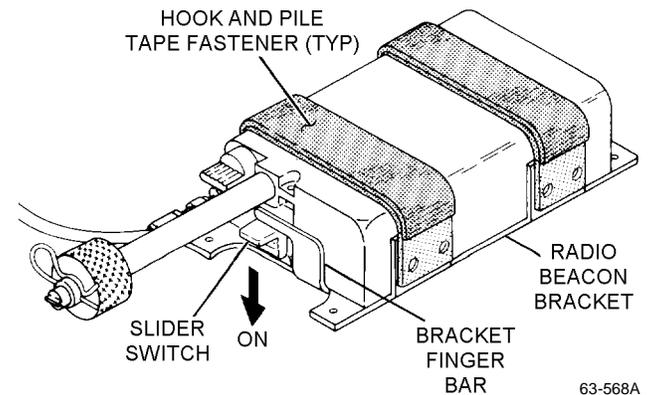


Step 2 - Para 9-20



Step 6 - Para 9-20

7. Ensure slider switch is in ON position and install beacon assembly in bracket in lower container of kit. Secure beacon with hook and pile tape fasteners.



Step 7 - Para 9-20

8. Route flexible antenna around periphery of lower container.

NAVAIR 13-1-6.3-1

9-21. SURVIVAL EQUIPMENT BINDING. Ensure all survival items have been inspected in accordance with NAVAIR 13-1-6.5 Technical Manual before binding. To bind survival items, proceed as follows (table 9-4).

NOTE

To prevent loss of survival items, they will be tied individually and then tied to a 140-inch length of nylon cord. Nylon cord of the prescribed lengths required for this procedure shall be seared at both ends to prevent fraying (table 9-5).

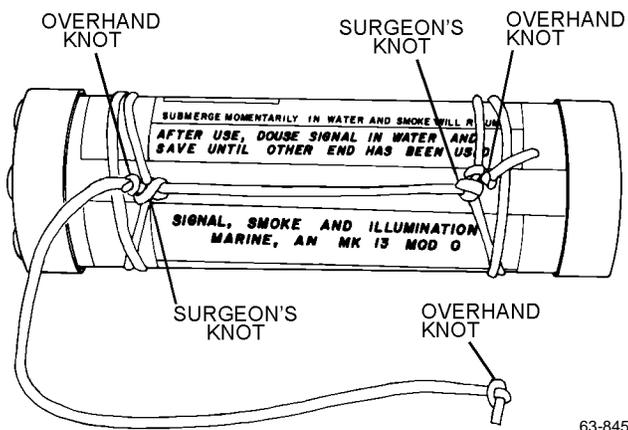
All cord used shall be nylon (MIL-C-5040, Type I).

1. Using a 36-inch piece of nylon cord, tie an overhand knot in each end. Wrap end of cord two overlapping turns around end of a signal flare and tie with a surgeon's knot positioned snugly against cord-end overhand knot.

NOTE

The cord between end-ties shall be drawn tight.

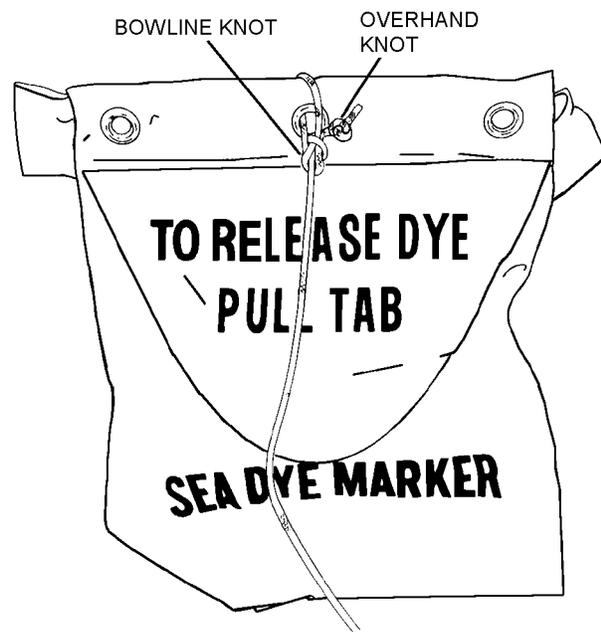
2. Route cord to opposite end of signal flare. Wrap cord two overlapping turns around flare and tie with surgeon's knot followed by an overhand knot positioned snugly against surgeon's knot.



Step 2 - Para 9-21

3. Tie the other signal flare in the same manner as steps 1 and 2.

4. Using a 12-inch piece of nylon cord, tie an overhand knot near each end. Pass overhand knot through center grommet in dye marker and tie a bowline knot, allowing approximately a 1-inch loop. Bowline knot should lie snugly against overhand knot.



63-695

Step 4 - Para 9-21

Table 9-4. Survival Kit Items (Note 1)

Item Name	Quantity	Reference Number
Cord, Fibrous Nylon, Type I	50 ft	NAVAIR 13-1-6.5
Signal, (Flare), Smoke and Illumination, MK-13 MOD 0 or MK-124 MOD 0 (Note 2)	2	NAVAIR 13-1-6.5
Sea (Dye) Marker, Fluorescein	2	NAVAIR 13-1-6.5
Sponge, (Bailing), Cellulose Type II, Class 2	1	NAVAIR 13-1-6.5
SRU-31/P Survival Kit, Packet #1 (Medical) (Note 3)	1	NAVAIR 13-1-6.5
SRU-31/P Survival Kit, Packet #2 (General) (Notes 3 and 4)	1	NAVAIR 13-1-6.5
SRU-31A/P (Note 8)	Optional	NAVAIR 13-1-6.5
Water, Drinking, Canned (Note 5)	1	NAVAIR 13-1-6.5
Water, Drinking, Emergency (Note 7)	3	NAVAIR 13-1-6.5
Opener, Can, Hand	1	NAVAIR 13-1-6.5
Ground/Air Emergency Code Card	1	NAVAIR 13-1-6.5
Blanket, (Combat) Casualty (3 oz.) (Note 6)	1	NAVAIR 13-1-6.5
Envelope, Packing List	2	NAVAIR 13-1-6.5
Beacon Set, Radio	1	NAVAIR 13-1-6.5
Liferaft, Inflatable	1	NAVAIR 13-1-6.1-1
Lowering Device (Note 6)	1	NAVAIR 13-1-6.5

- Notes:
- The items listed are typical and are considered mandatory for inclusion in the survival kit container. Deviation from the listed items may be required by certain Functional Air Wings (FUNCWINGS), Carrier Air Wings (CVW), COMFAIRS, or Marine Air Wings (MAW). Requests for deviations must be forwarded to and authorized by TYCOMS and with information to Fleet Support Team (FST) at NAVAIR-WARCENACDIV Patuxent River MD via Naval Message. When optional items are substituted, particular attention must be paid to the binding sequence so that physical sizes and binding order of substituted items remain approximately the same. That portion of an item name in parentheses is a common-use name or container size and is not intended for supply requisition purposes.
 - MK-13 MOD 0 shall be used until stocks are depleted. MK-124 MOD 0 will replace MK-13 MOD 0 as stocks become available.
 - SRU-31/P complete kits, including Medical Packet (#1) and General Packet (#2), may be ordered; instructions for packing and ordering these kits are found in NAVAIR 13-1-6.5.
 - SRU-31/P Packet #2 (General) must be stowed on aviator's person if kit includes lowering device.
 - One additional canned water may be added as optional item.
 - Optional equipment.
 - When the supply for emergency canned water has been exhausted, order emergency bagged water in accordance with NAVAIR 13-1-6.5.
 - The selection of SRU-31/P or SRU-31A/P Individual Aircrewmember's Survival Kit will be at the discretion of the TYPE COMMANDER depending on mission requirements, reference NAVAIR 13-1-6.5, Chapter 9, for detailed information.

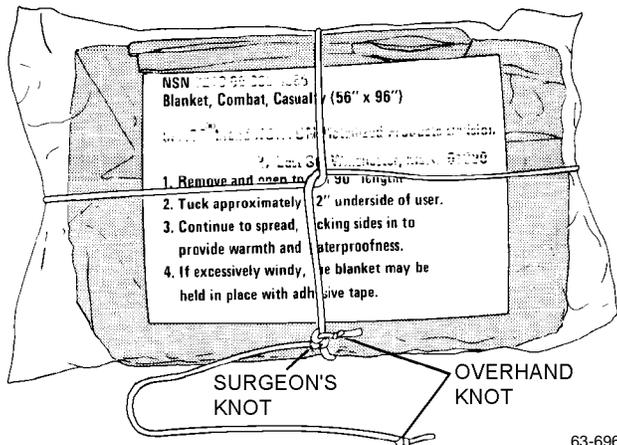
Table 9-5. Nylon Cord Lengths Required for Binding

Length (Inches)	Number Required
140	1
12 (Note 1)	4
30	2
36	2
40	2
50 (Note 1)	2

Notes: 1. When using bagged water in place of canned emergency water, the number of required 12 inch lengths will be a total of 5 and the required 50 inch lengths will be a total of 1.

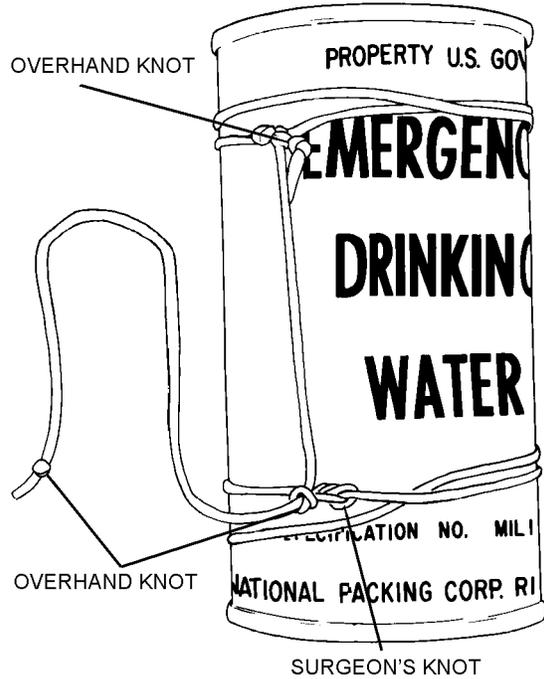
5. Tie the second sea dye marker in the same manner as [step 4](#).

6. If casualty blanket is used, tie an overhand knot near each end of a 30-inch piece of nylon cord. Wrap cord around blanket until both ends meet, then rotate cords 1/4 turn and wrap cords around opposite sides of blanket. Tie with a surgeon's knot. Ensure cord-end overhand knot is positioned snugly against surgeon's knot.



Step 6 - Para 9-21

7. Using a 50-inch piece of nylon cord, tie an overhand knot near both ends. Wrap one end of cord two overlapping turns around end of canned water and tie with surgeon's knot. Position cord-end overhand knot snugly against surgeon's knot.



63-697

Step 7 - Para 9-21

NOTE

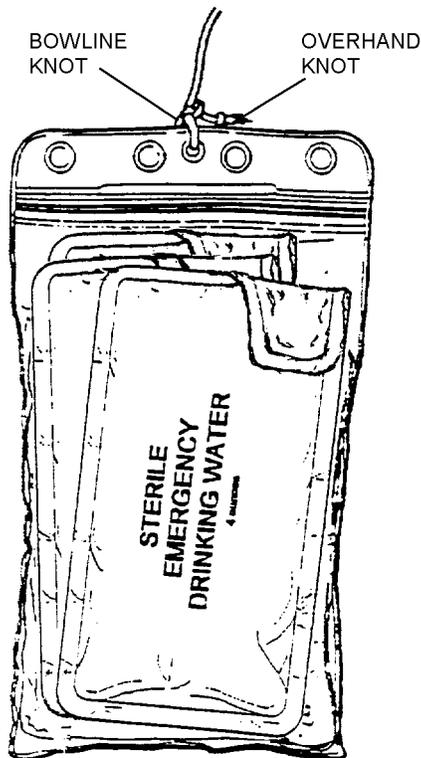
Cord between end-ties shall be drawn tight. Route cord to opposite end of can. Wrap cord two overlapping turns around end of can and tie with surgeon's knot followed by an overhand knot positioned snugly against surgeon's knot.

8. If a second canned water is to be used, it shall be secured in the same manner as [step 7](#).

NOTE

Replacement rate of exhausted canned water shall be in accordance with the NAV-AIR 13-1-6.5 manual. Bagged emergency drinking water shall be stowed in the same order as canned emergency water. The bags of water shall be stowed in a flat configuration.

9. Bagged water. Place a maximum of three 4-ounce bagged emergency drinking water flat inside a clear vinyl envelope (MIL-B-117) with pour spout folded down. Bagged water must be able to fit into envelope without disrupting the closure of the sealing slide fastener. Using a 12-inch length of cord, tie an overhand knot on each end and pass knot through center hole in envelope. Secure with bowline knot, allowing an approximate 1-inch loop. Position an overhand knot snugly against the bowline knot. Ensure overhand knot is snug against surgeon's knot.

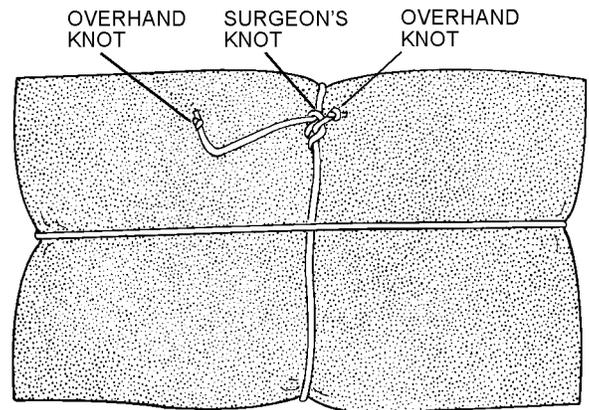


Step 9 - Para 9-21

NOTE

The bailing sponge should be compressed to a minimum thickness by compressing while damp and then allowing to dry in the compressed state before tying.

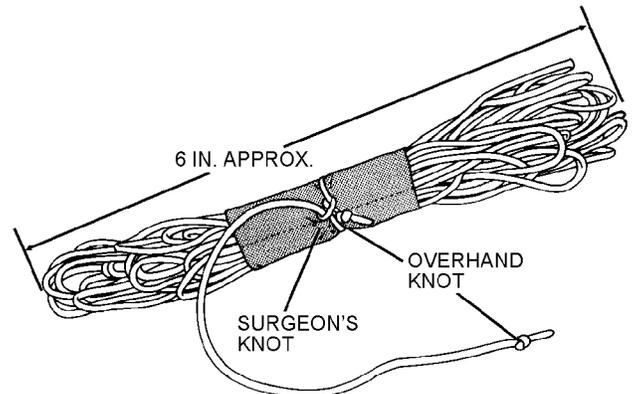
10. Using a 30-inch length of nylon cord, tie an overhand knot near the ends. Wrap cord around sponge until both ends meet, then rotate cords 1/4 turn and wrap cords around opposite sides of sponge. Tie with a surgeon's knot. Ensure cord-end overhand knot is positioned snugly against surgeon's knot.



63-698

Step 10 - Para 9-21

11. Cut one 2 x 3-inch piece of nylon duck material. Accordion fold the 50-foot length of nylon cord in 6-inch bights and wrap material around center of accordion folded cord. Using a 12-inch piece of nylon cord, tie an overhand knot near each end and secure one end of the cord to center of material with a surgeon's knot. Position cord-end overhand knot snugly against surgeon's knot.



63-22

63-699

Step 11 - Para 9-21

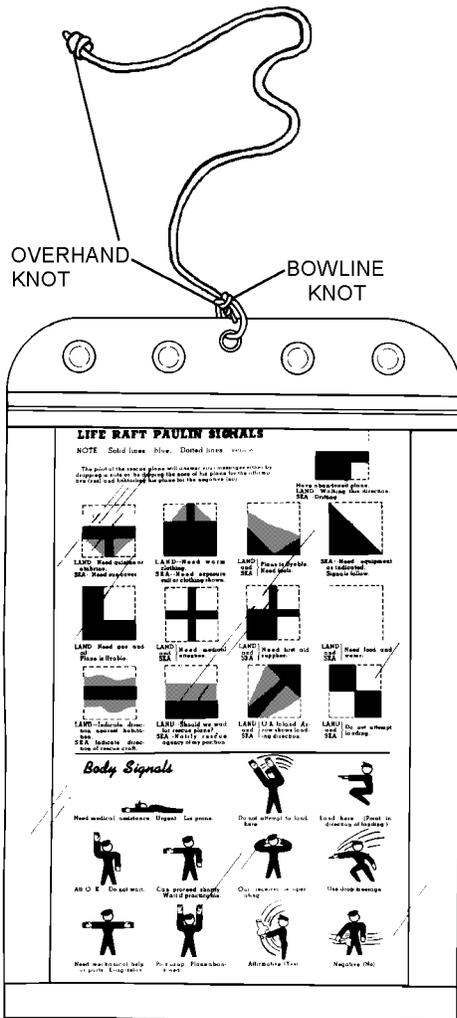
NAVAIR 13-1-6.3-1

12. Place Ground/Air Emergency Code Card into clear vinyl plastic envelope (MIL-B-117) and close the sealing zipper. Using a 12-inch piece of cord, tie an overhand knot in each end and pass knot through center hole in envelope. Secure with a bowline knot, allowing a 1-inch loop. Cord-end overhand knot shall be snugly against bowline knot.

NOTE

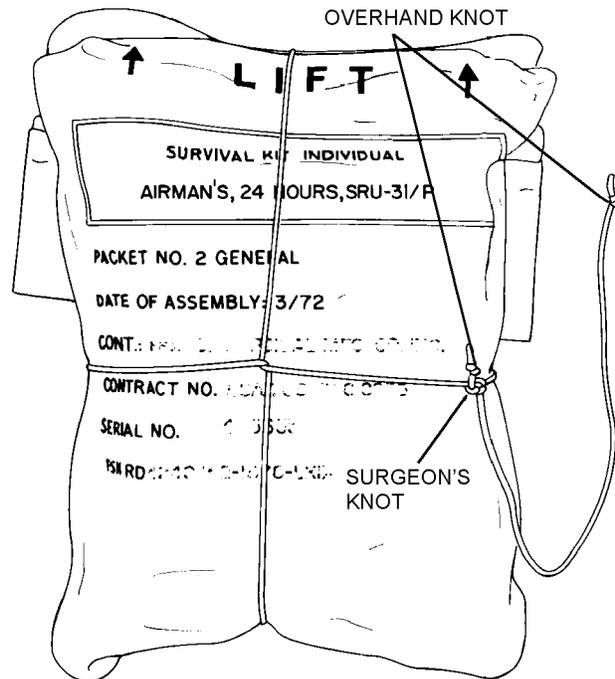
If the PLD (Personnel Lowering Device) is to be installed in the RSSK-8, the SRU-31/P Survival Kit shall be stowed on the aviator.

Fold SRU-31/P Packet #1 approximately in half prior to binding.



63-700

13. Using a 40-inch length of nylon cord, tie an overhand knot in both ends. Wrap cord around one packet of SRU-31/P Survival Kit until both ends meet, then rotate cord 1/4-turn and wrap cords around opposite sides of packet. Tie with a surgeon's knot. Cord-end overhand knot shall be positioned snugly against surgeon's knot.



63-701

14. Secure the second SRU-31/P packet in the same manner as [step 12](#).

item's cord-end overhand knot is positioned snugly against surgeon's knot.

15. Ensure survival items are properly tied.

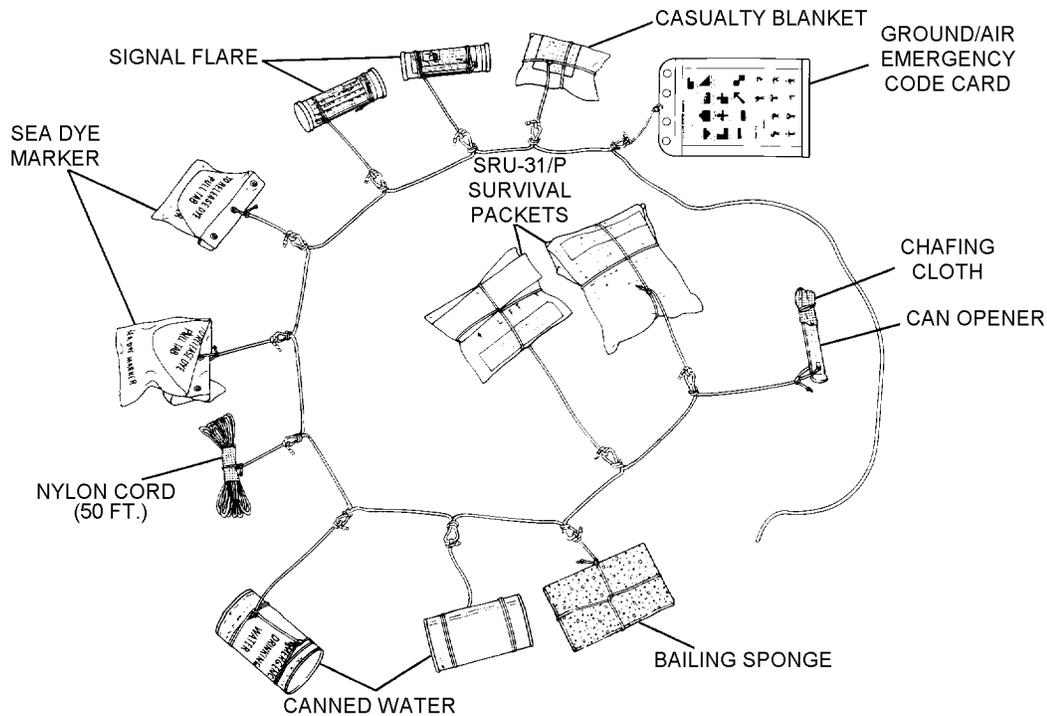


16. Using the 140-inch piece of Type I nylon cord, form a 3/4 to 1-inch overhand loop approximately 12 inches from one end. Continue forming loops every 5 inches until there is enough to accommodate all required survival items. Ensure a minimum of 25 ± 1 inches of cord remain after forming the last overhand loop.

Ensure pointed end of can opener has adequate chafing cloth to prevent damage to other survival items.

17. Tie each item to a loop on the 140-inch nylon cord ([figure 9-4](#)) using a surgeon's knot. Ensure each

18. Route 12-inch end of the 140-inch cord through the hole in the can opener and secure with a 1-inch loop bowline knot, followed by an overhand knot drawn snugly against bowline knot. Wrap can opener with chafing cloth secured by a rubberband ([figure 9-4](#)).



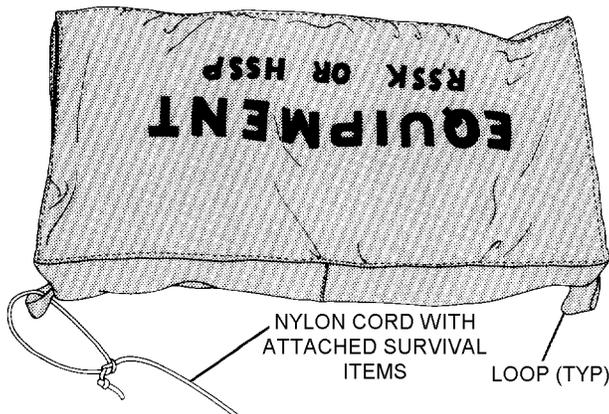
63-702A

Figure 9-4. Binding Survival Items

9-22. SURVIVAL EQUIPMENT PACKING. To pack survival equipment, proceed as follows:

1. Place equipment container on table with attaching loops facing packer and the word EQUIPMENT facing up.

2. Attach bitter end of 140-inch nylon cord (with attached survival items) to the left-hand loop on equipment container with a bowline knot (2-inch approx. loop) and an overhand knot positioned snugly against bowline knot.



63-889A

Step 2 - Para 9-22

3. Open equipment container by opening left slide fastener to the right.

NOTE

Survival items shall be stowed in a neat and orderly fashion and the items shall be arranged to obtain the flattest possible pack.

4. Stow survival items within height, length and width of the equipment container.

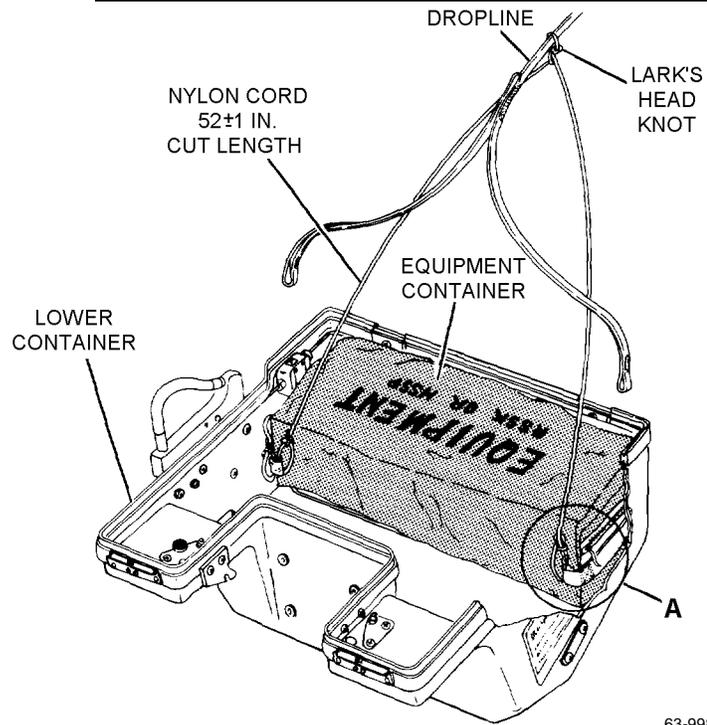
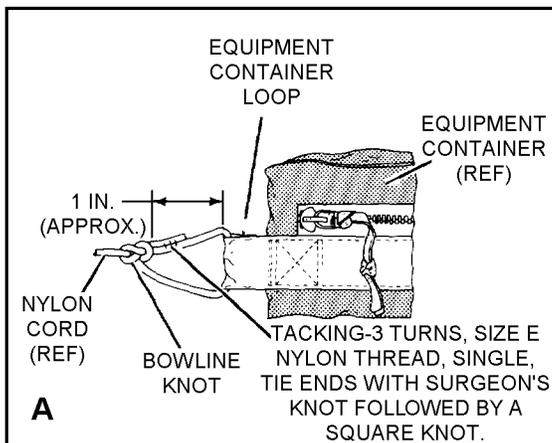
5. Close equipment container.

6. Place equipment container in aft section of lower container with slide fastener facing aft (figure 9-5).

NOTE

All tacking cord shall be coated with a mixture of 50% beeswax and 50% paraffin. The cord may be dipped in a melting pot 160° to 200°F or drawn across a solid block of the mixture.

7. Cut a 52 ± 1-inch piece of nylon cord, Type III, MIL-C-5040, and sear ends. Secure cord to equipment container and dropline as shown in figure 9-5.



63-998

Figure 9-5. Stowed Survival Equipment

9-23. STOWING DROPLINE. To stow drop-line in boots, proceed as follows:

NOTE

Stowage boots are referred to as boot A and boot B for identification purposes only. There are no physical differences between boots and the letters A and B do not actually appear on them.

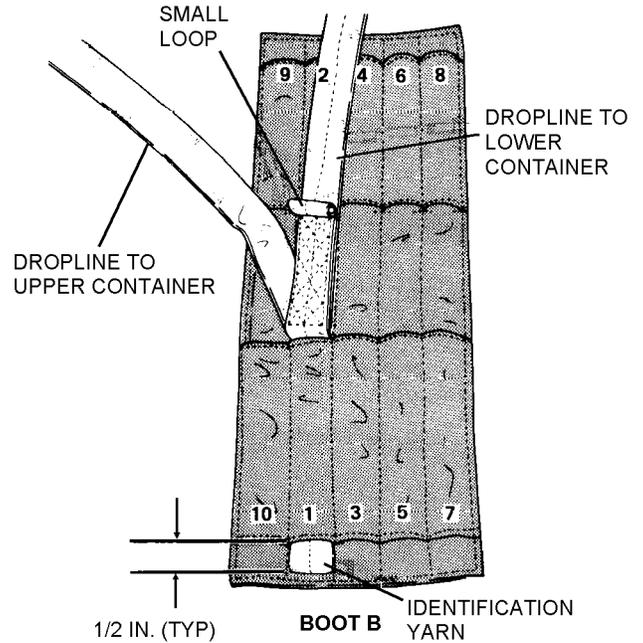
Numbers on stowage channels of boots correspond to dropline bights and the order in which they are to be stowed. Numbers appear in illustration for clarity; they do not actually appear on stowage boots.

The identification yarn on earlier fabricated dropline assemblies may be located on the underside of the webbing. However, procedural steps depicting identification yarn location will be reversed throughout the dropline stowage procedures for these assemblies. Future fabrication of the dropline for the RSSK-8 will be in accordance with [paragraph 9-78](#).

1. Lay dropline out flat between container halves with dropline loops facing up. Remove all twists from dropline prior to beginning stowing operation.

2. Position boot B to the left of lower container. Form the first bight 5 ± 1/2 inch from base of small loop stitching. Bight shall be in portion of dropline going to upper container and small loop shall face up. Stow bight in channel 1 of boot B. Push bight in channel with a 7-inch length of 3/8-inch hard wood dowel tapered at one end. There shall be a

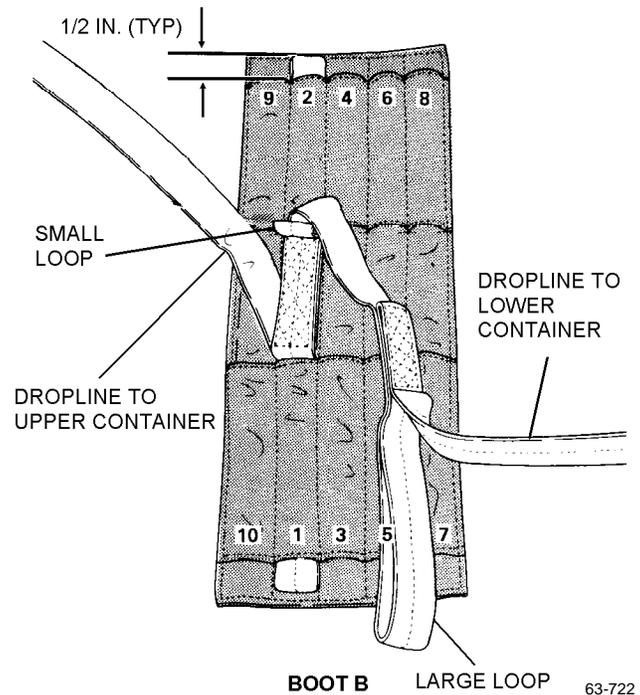
1/2-inch protrusion at end of channel and identification yarn shall be visible at protrusion.



63-721

Step 2 - Para 9-23

3. Second bight shall be formed in portion of dropline going from small loop to large loop and shall be stowed in channel 2. Identification yarn shall not show at protrusion.

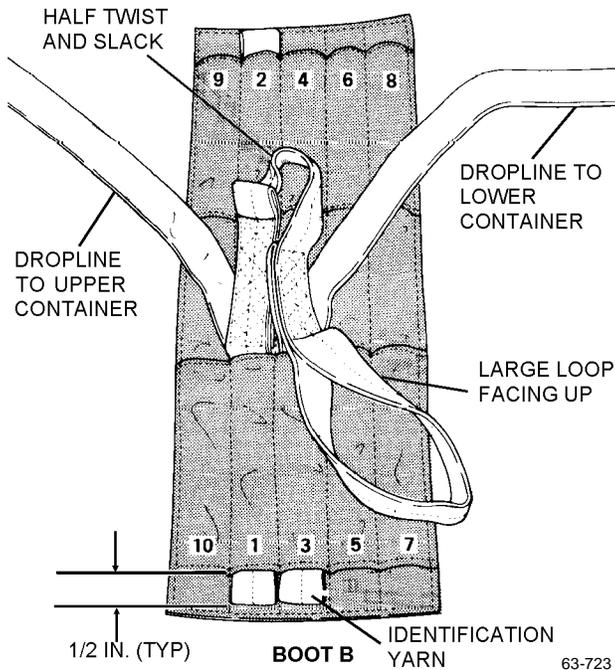


63-722

Step 3 - Para 9-23

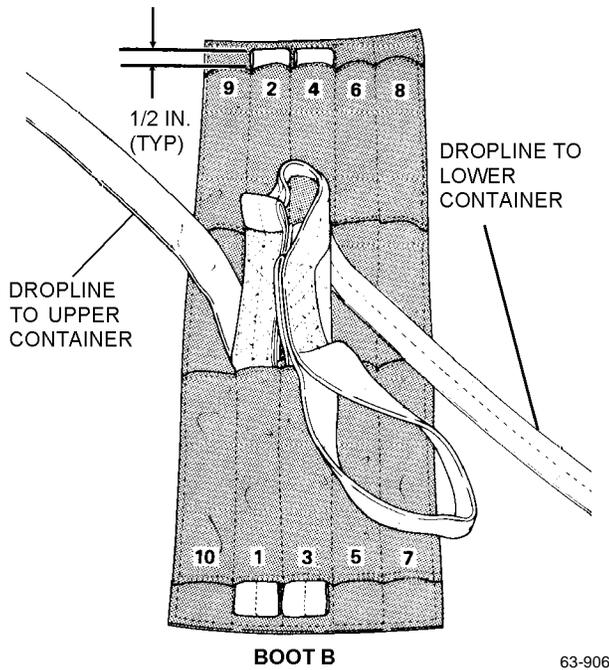
NAVAIR 13-1-6.3-1

4. Place a half-twist in dropline by rotating clockwise so that large loop faces up. Stow third bight in channel 3. A small amount of slack may exist between bights 2 and 3. Identification yarn shall be visible at protrusion.



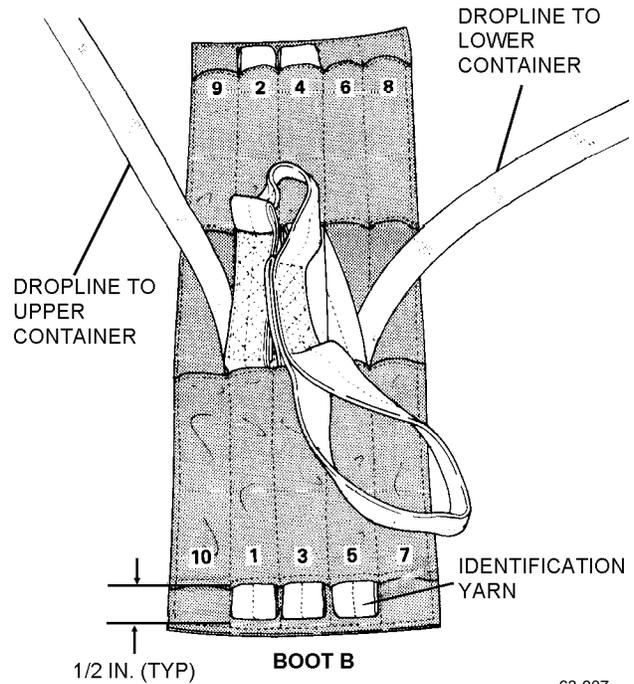
Step 4 - Para 9-23

5. Stow fourth bight in channel 4, ensuring that identification yarn does not show at protrusion.



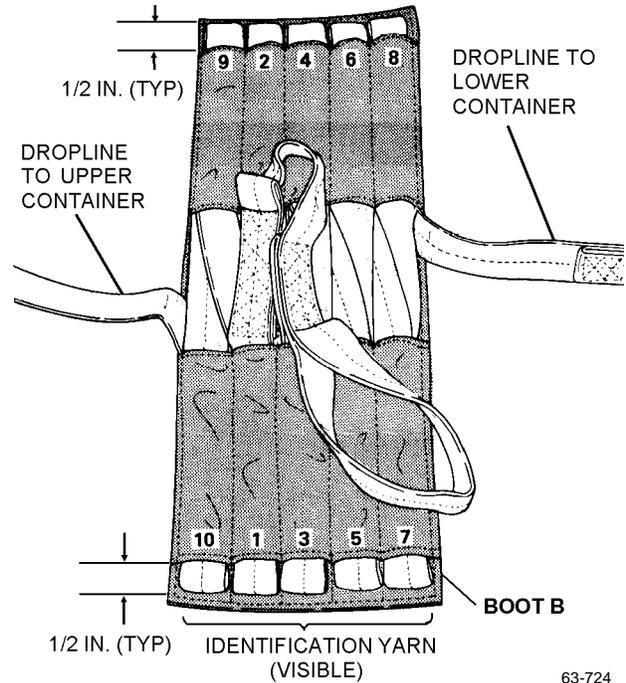
Step 5 - Para 9-23

6. Stow fifth bight in channel 5, ensuring that identification yarn is visible at protrusion.



Step 6 - Para 9-23

7. Stow remainder of dropline in boot B in accordance with numbering sequence on boot as shown, maintaining 1/2-inch protrusion. If there is insufficient line, due to allowable tolerance in length of dropline, a full stow may be impossible in channel 8.

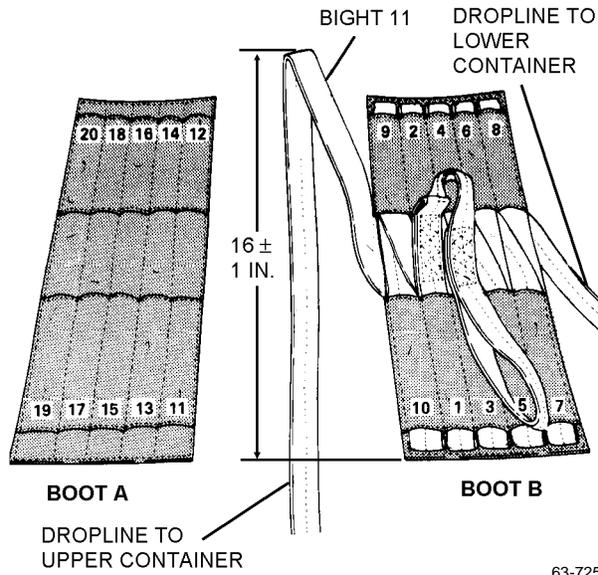


Step 7 - Para 9-23

NOTE

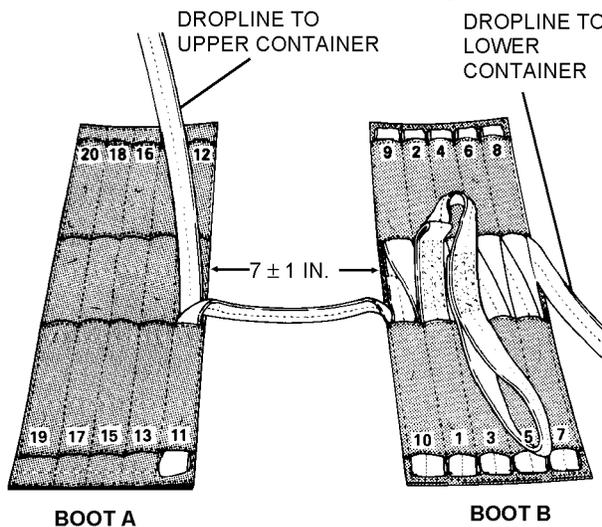
Upon the completion of [step 7](#), identification yarn shall be visible at channels 1, 3, 5, 7 and 10, and shall not show at channels 2, 4, 6, 8 and 9.

8. Form bight 11 in dropline 16 ± 1 inch from bottom of last bight (bight 10) in boot B.



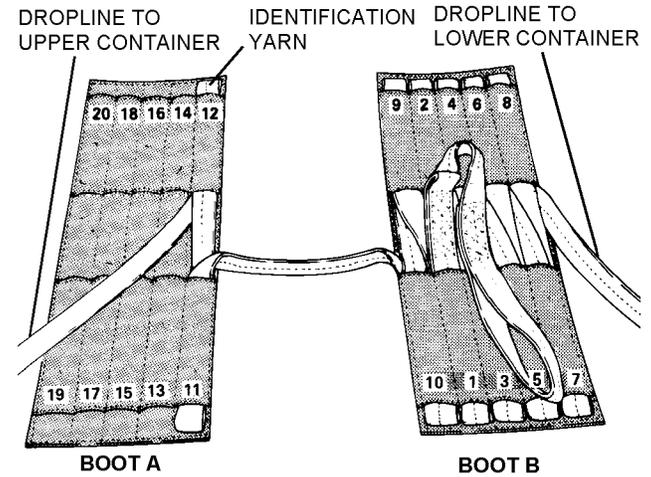
Step 8 - Para 9-23

9. Stow bight 11 (formed in [step 8](#)) in channel 11 of boot A. There shall be 7 ± 1 inch of dropline between boots A and B when bight 11 is stowed. Identification yarn shall not show at protrusion.



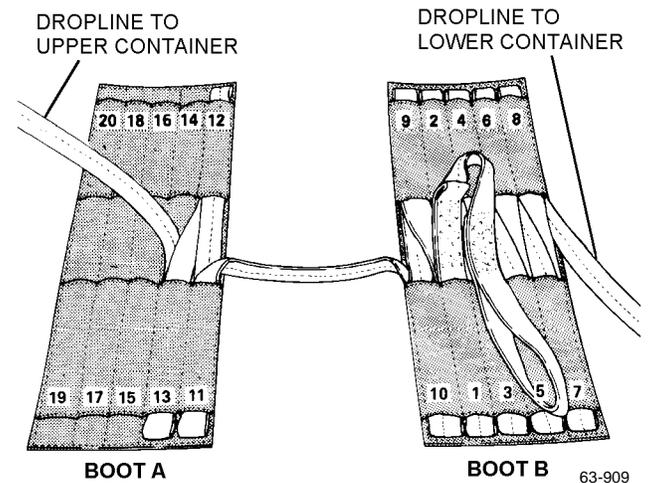
Step 9 - Para 9-23

10. Stow bight 12 in channel 12 of boot A. Identification yarn shall be visible at protrusion.



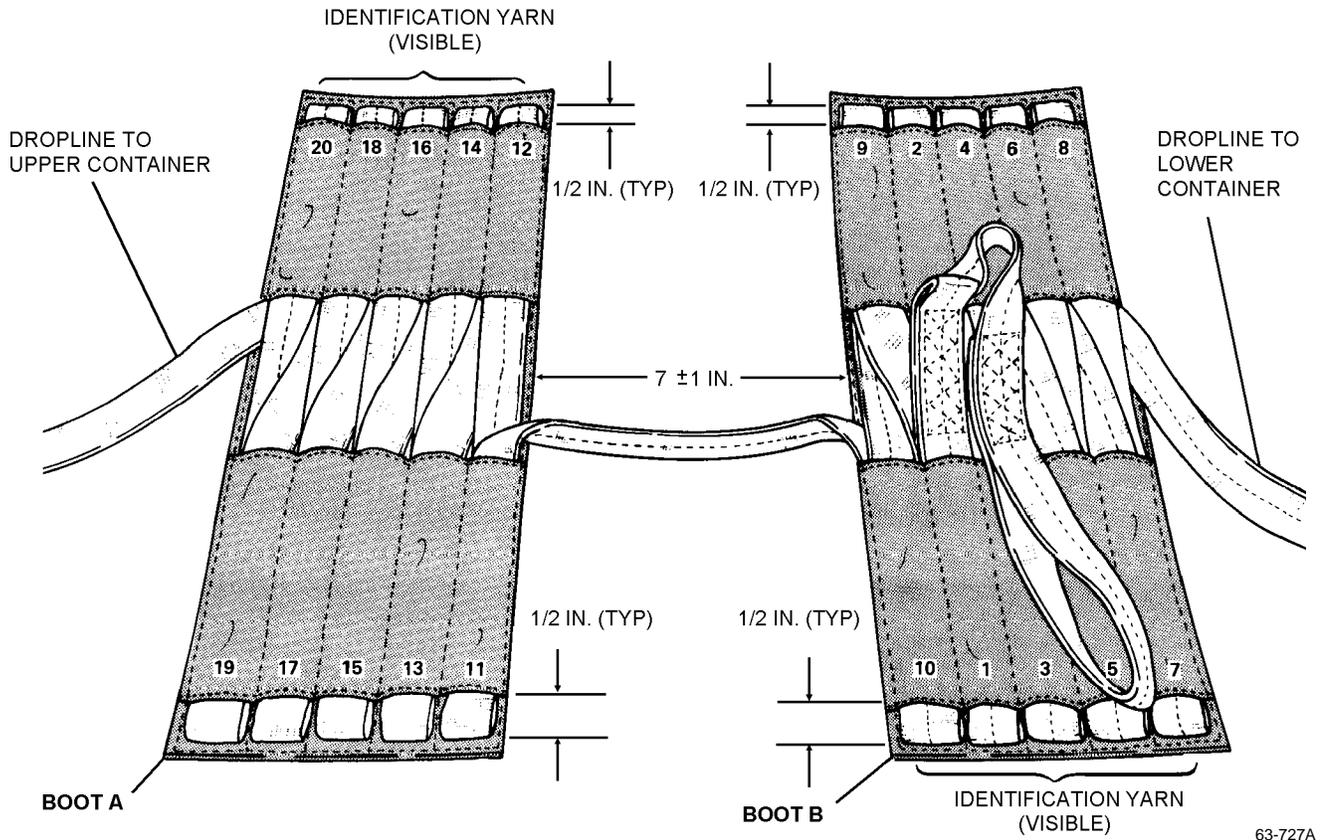
Step 10 - Para 9-23

11. Stow bight 13 in channel 13. Identification yarn shall not show at protrusion.



Step 11 - Para 9-23

12. Continue stowing bights in boot A until all line is stowed. Maintain 1/2-inch protrusion ([figure 9-6](#)).



63-727A

Figure 9-6. Stowage of Dropline

NOTE

Upon the completion of [step 12](#), identification yarn shall be visible at channels 12, 14, 16, 18 and 20 and shall not show at channels 11, 13, 15, 17 and 19.

13. Ensure all stows are properly formed and that there are no twists in dropline.

9-24. LIFERAFT PREPARATION, FOLDING, RIGGING AND PACKING. To prepare, fold, rig and pack the LR-1 liferaft, proceed as follows:

Materials Required

Quantity	Description	Reference Number
As Required	Cord, Nylon, Type III 550-pound	V-T-295 (MIL-C-5040) NIIN 00-240-2146
As Required	Thread, Nylon, Type II, Class A, Size E	V-T-295 NIIN 00-244-0609
As Required	Talc, Technical	MIL-T-50036
As Required	Thread, Nylon, Type II, Class A, Size 6	V-T-295 NIIN 00-559-5211
1	Lowering Device, Personnel	CL213D2-1 (or Fabricate IAW NAVAIR 13-1-6.5)

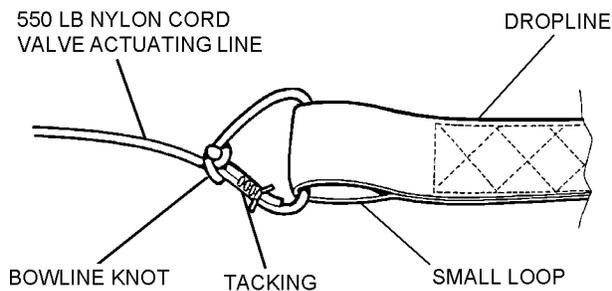
Support Equipment Required

Quantity	Description	Reference Number
1	Torque Wrench 0-150 lb-in	TE-6FUA (CAGE 55729)

1. If the valve actuating line is damaged, incorrectly installed or not installed, install new line in accordance with [steps 2](#) and [3](#).

2. Cut 15-inch length of 550-pound nylon cord, Type III and sear ends.

3. Route one end through small loop on dropline and tie bowline knot. Tack with three turns of waxed, size E nylon thread, single. Tie ends with surgeon's knot followed by square knot.



63-25

Step 3 - Para 9-24

4. Lay liferaft assembly flat with inside facing upward ([step A](#), [figure 9-7](#)).

5. Ensure all trapped air is expelled from liferaft and oral inflation valve is locked and stowed in pocket prior to folding.

6. Lightly dust entire liferaft assembly with talc.

7. Secure sea anchor line in 3-inch bights, fold and stow in pocket ([step B](#), [figure 9-7](#)).

8. Roll and secure weathershield ([step C](#), [figure 9-7](#)).

9. Fold liferaft.

NOTE

This taper-type folding process is necessary so that part of liferaft fits inside the U shaped oxygen cylinder.

a. Fold stern of liferaft over at a slight angle so that maximum width of fold is approximately 6 inches ([step D](#), [figure 9-7](#)).

b. Fold liferaft again in same direction as [step D](#), to obtain a fold 15 inches at long edge and 10 inches at short edge ([step E](#), [figure 9-7](#)).

c. Fold bow of raft over at slight angle so that maximum width of fold is approximately 8 inches ([step F](#), [figure 9-7](#)).

d. Fold raft again in same direction as previous fold to obtain 15 inches at long edge and 10 inches at short edge ([step G](#), [figure 9-7](#)).

e. Fold box portion of raft over on top of previous folds. Maximum width of folded raft shall not exceed width of RSSK-8A/8A-1 raft cover. Adjust folds as necessary ([step H](#), [figure 9-7](#)).

10. Turn folded liferaft over. Place liferaft assembly forward of lower container with carbon dioxide cylinder positioned toward lower container and facing up. Inflation valve assembly shall face release handle side of survival kit.

WARNING

Gas under pressure. Do not loosen or attempt to remove inflation valve assembly from carbon dioxide cylinder.

11. Disconnect inflation valve from raft. Do not remove cylinder from stowage pocket. Retain anti-chafing disc on inlet check valve.

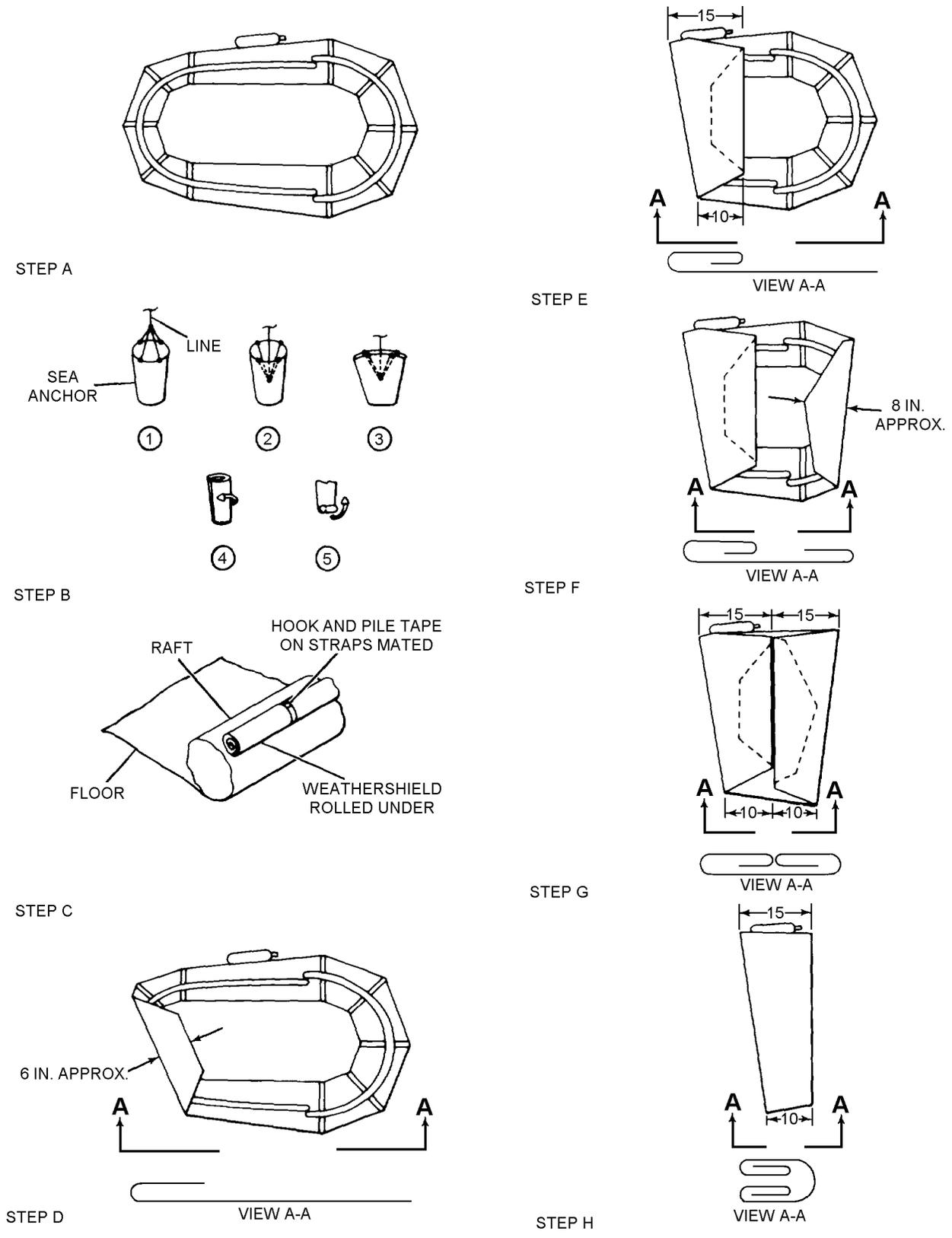
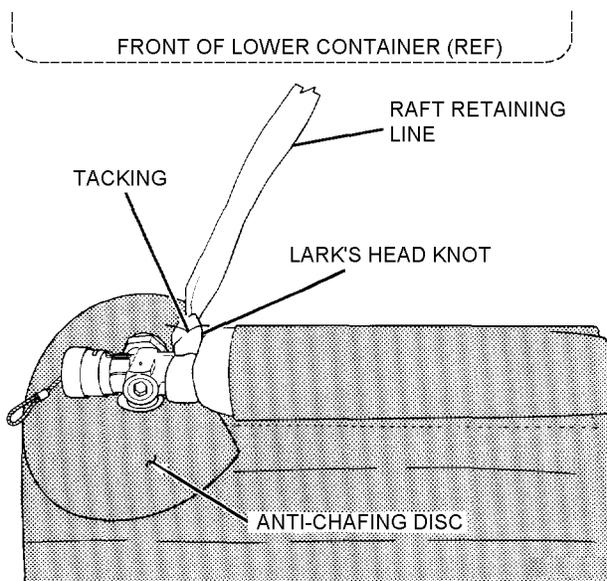


Figure 9-7. Folding Liferaft

12. Attach retaining line to cylinder with lark's head knot. Pull knot tight and tack with two turns of waxed nylon thread, size 6, single. Tie ends with surgeon's knot followed by square knot.



63-709A

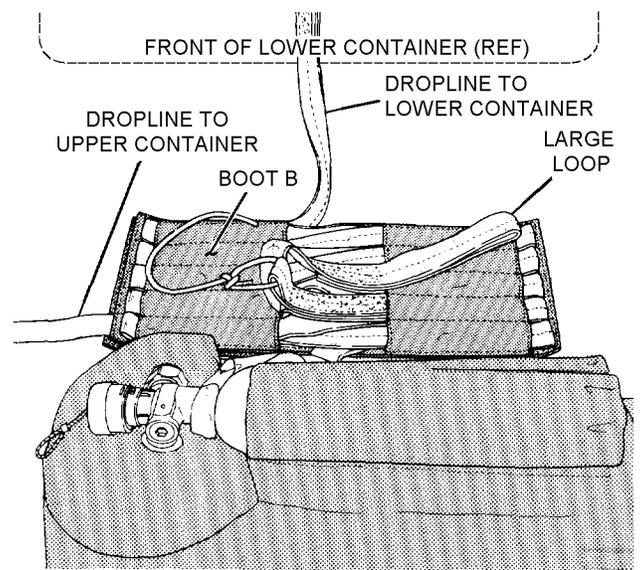
Step 12 - Para 9-24

13. Accordion fold remainder of retaining line and stow in raft retaining line pocket. Close pocket closure tab and secure hook-and-pile tape.

NOTE

When repositioning boots, it may be necessary to move upper container. Make adjustments as necessary.

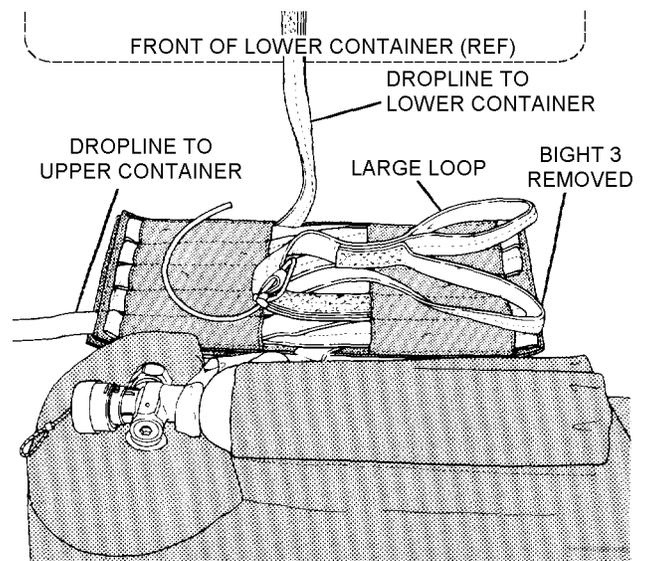
14. Position boot B on top of boot A and place boots between raft and lower container with large loop of dropline facing to right.



63-728

Step 14 - Para 9-24

15. Remove bight from channel 3, boot B.

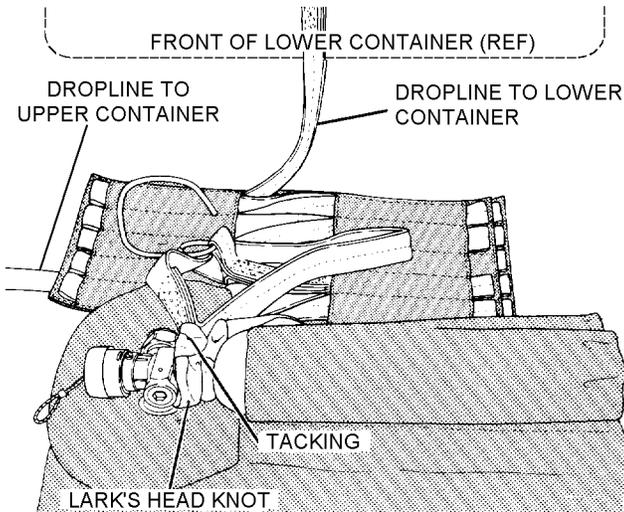


63-729

Step 15 - Para 9-24

NAVAIR 13-1-6.3-1

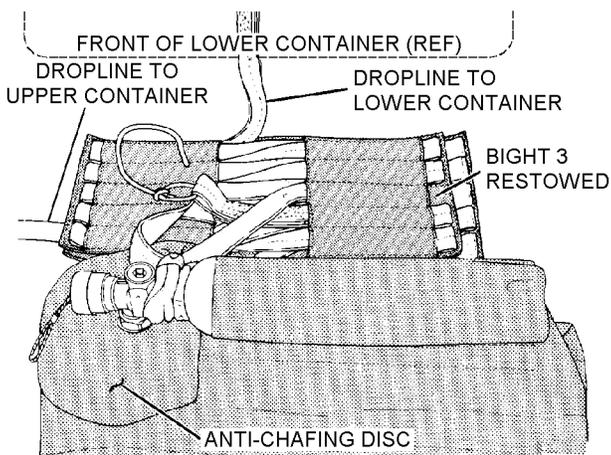
16. Attach large loop of dropline around neck of cylinder with a lark's head knot. Pull knot tight and tack with two turns of waxed nylon thread, size 6, single. Tie ends with a surgeon's knot followed by square knot.



63-730

Step 16 - Para 9-24

17. Ensure CO₂ cylinder anti-chafing disc is installed. Attach inflation valve to liferaft inlet valve and tighten coupling nut to a torque value of 80 to 90 in-lbs. Stow bight removed from channel 3 of boot B. Bight will not extend full length of channel.



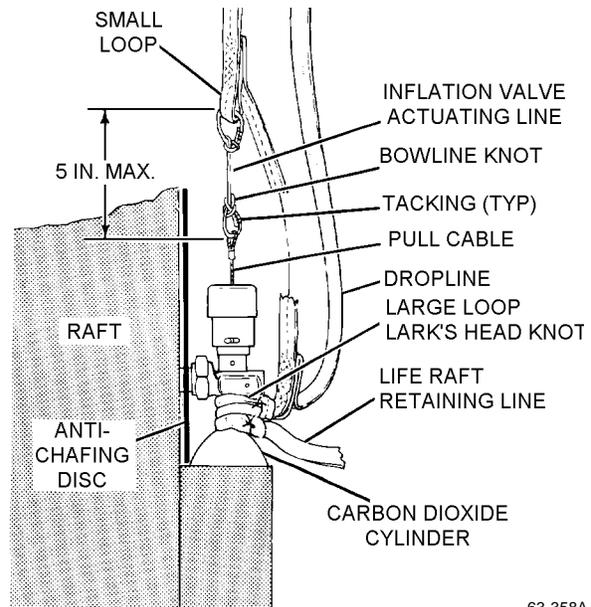
63-731

Step 17 - Para 9-24

WARNING

Final dimension of valve actuating line is critical. Finished length shall not exceed 5 inches.

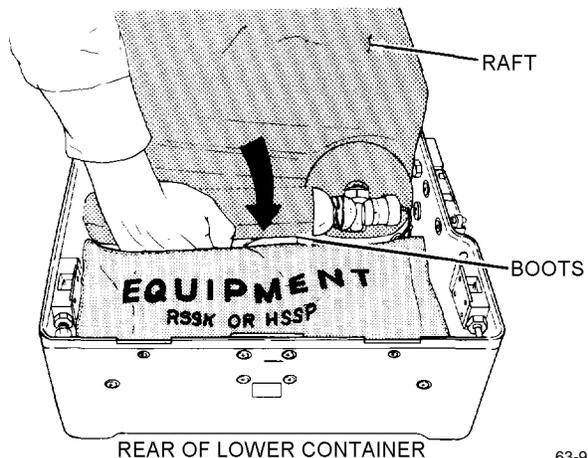
18. Pass actuating line through loop in end of pull-cable. Tie a loop using bowline knot. Tack with three turns of waxed size E nylon thread, single. Tie ends with surgeon's knot followed by square knot. Finished length shall not exceed 5 inches.



63-358A

Step 18 - Para 9-24

19. Place boots in forward section of lower container and rotate CO₂ cylinder away from packer so that cylinder rests on top of boots in lower container.



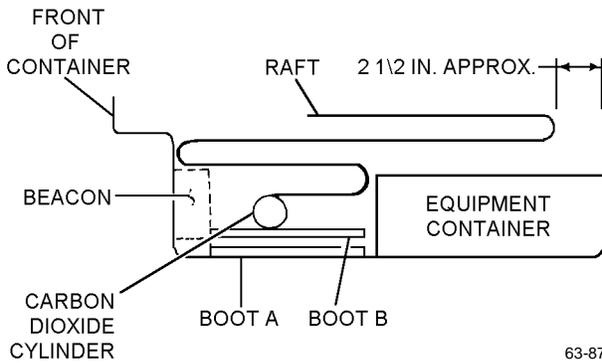
63-999

Step 19 - Para 9-24

NOTE

Personnel Lowering Device (PLD) is intended for use during survival situations in heavy foliage or jungle areas, and may be installed at discretion of area/type commander. If PLD is used, proceed to [step 21](#).

20. Fold and stow liferaft in lower container assembly. Position last fold approximately 2 1/2 inches from rear of lower container, as shown.

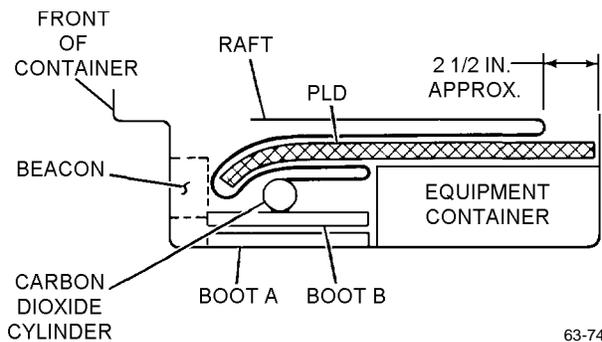


Step 20 - Para 9-24

NOTE

If PLD is used, SRU-31/P packets must be stowed on aviator; optional survival items shall be removed from equipment container ([table 9-4](#)).

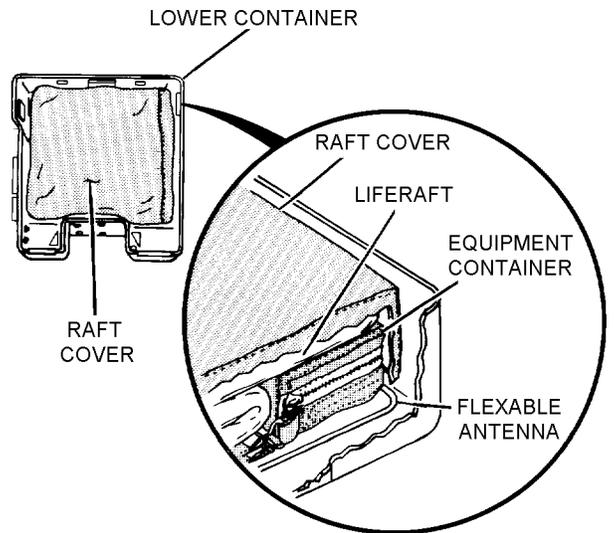
21. Fold and stow liferaft and position PLD in lower container assembly. Securely tie PLD retrieving line to right-hand upper container footman bracket with bowline and overhand knot. Ensure metal snaps are wrapped in chafing cloth. Ensure last fold is approximately 2 1/2 inches from rear of lower container, as shown.



Step 21 - Para 9-24

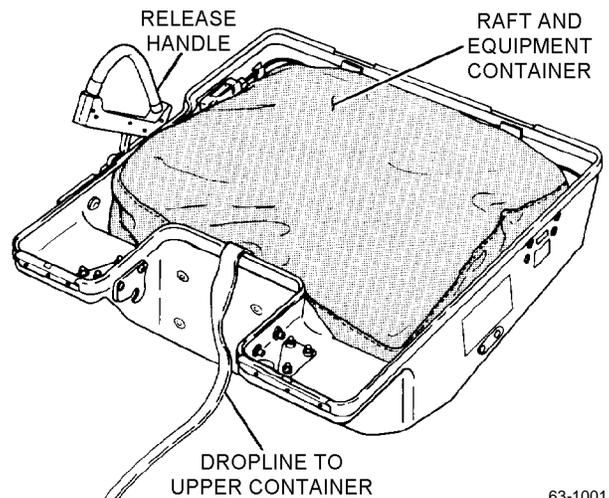
22. Place liferaft cover over liferaft and equipment container and tuck cover around liferaft using fid to push edges of cover down. Ensure that lid locks are free from obstruction and that liferaft does not protrude beyond edges of container.

23. Ensure flexible antenna is routed around periphery of lower container.



Step 23 - Para 9-24

24. Route excess dropline out forward center of lower container.



Step 24 - Para 9-24

63-1000

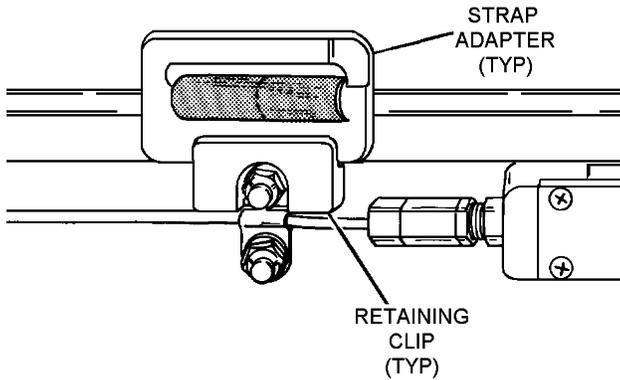
63-87

63-740

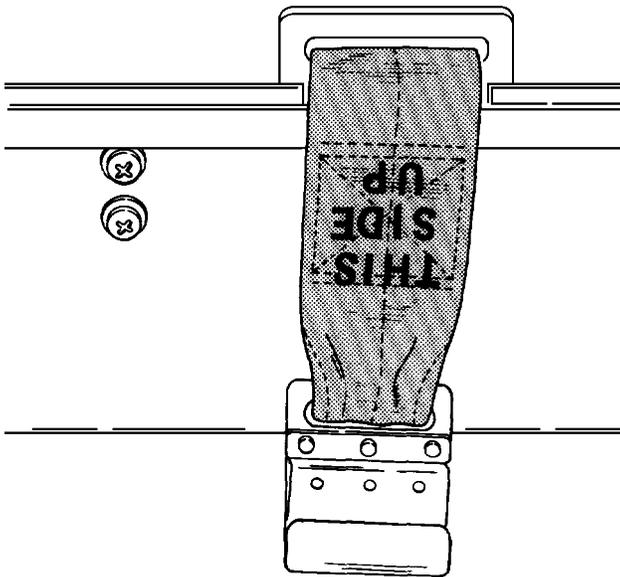
63-1001

NAVAIR 13-1-6.3-1

25. Install parachute retention straps by inserting strap adapter into each retaining clip on rear wall of lower kit container. Pass webbing through slots in rear wall of kit.



INSIDE KIT (AFTER ACC 377)



OUTSIDE KIT (AFTER ACC 377)

63-1019

9-25. CLOSING CONTAINER. To close the container, proceed as follows:

1. Place upper container on top of lower container.
2. Engage hinges on front of containers.
3. While closing container, lead emergency oxygen actuating lanyard through hole in right side of left thigh support. Ensure lanyard is not trapped or binding when routed through the lower container assembly.
4. Ensure lock engagement is made by checking slots on lower container.
5. When container is closed, insert release handle into actuator assembly. Ensure handle is fully seated and locked.
6. Examine extruded metal lip around container. All locks shall be engaged and seam undistorted. If containers are not properly secured, release handle and repeat [steps 2 through 5](#).
7. Ensure inspection hole plug is in place.
8. Charge oxygen system in accordance with [paragraph 9-42](#).
9. Perform release handle pull test ([paragraph 9-26](#)).

NOTE

[Steps 10 through 16](#) apply to RSSK-8 survival kits before incorporation of ACC 377. If ACC 377 has been incorporated, proceed to [step 17](#) and continue closing procedure.

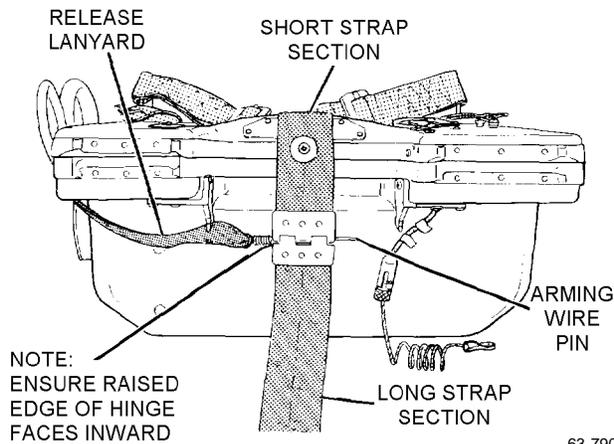
10. (BEFORE ACC 377) Pass arming wire pin of release lanyard down through bracket on outside edge of right thigh support. Ensure release lanyard grip is fully seated in bracket.

Step 25 - Para 9-24

NOTE

Before inserting arming wire pin, lubricate pin with a light coating of KRYTOX 240AC (CAGE 73925).

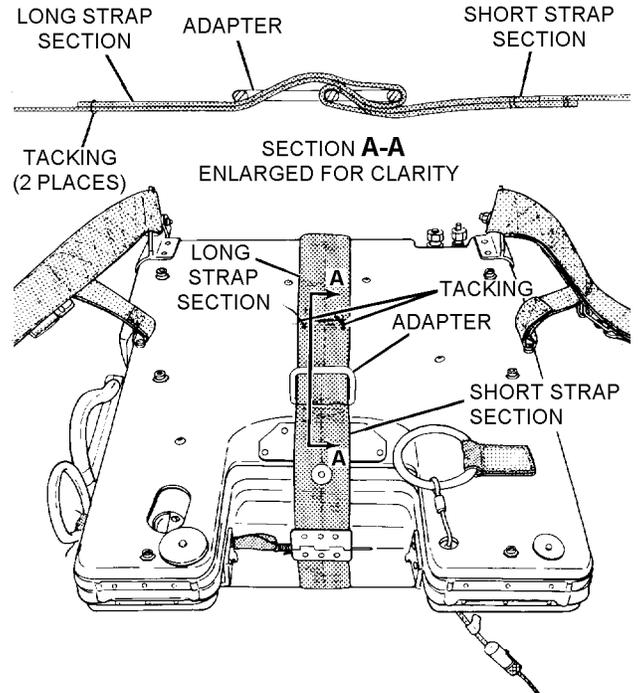
11. (BEFORE ACC 377) Mate hinge halves of closure strap with arming wire pin inserted from right to left through hinge. Ensure raised center portion of hinge is positioned against kit.



Step 11 - Para 9-25

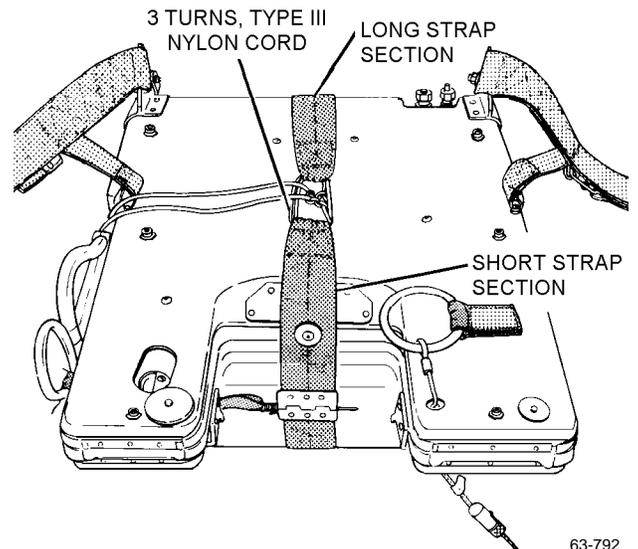
12. (BEFORE ACC 377) Route free end of long strap section down between kit thigh supports, along bottom of kit and up to kit upper container.

13. (BEFORE ACC 377) (Closure strap with adapter) Reeve free end of long strap section through the adapter on short strap section. Remove all slack in webbing strap. Fold over free end of long strap section and safety-tack with two turns of nylon thread, size 6, single, at both sides of webbing.



Step 13 - Para 9-25

14. (BEFORE ACC 377) (Alternate-closure strap without adapter) Join two loops of closure strap with three turns of Type III nylon cord (MIL-C-5040), single. Pull tight to remove slack in closure straps and tie with a surgeon's knot and an overhand knot.

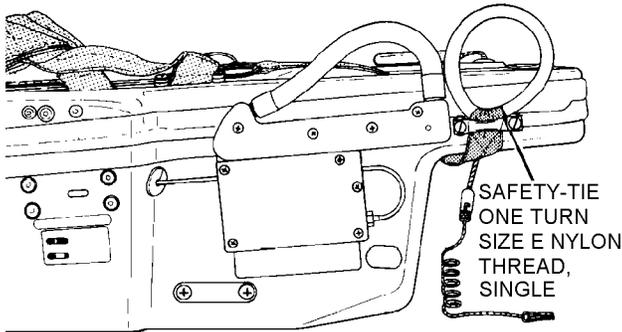


Step 14 - Para 9-25

NAVAIR 13-1-6.3-1

15. (BEFORE ACC 377) Install Fhanstock clip on left end of arming wire pin. Position clip with flat surface against RSSK and open end of clip facing up. If clip is not available, safety-tie pin with one turn of size E nylon thread (V-T-295), single. Pass thread through pin eyelet and between hinge halves. Tie with surgeon's knot followed by square knot.

16. (BEFORE ACC 377) Ensure closure strap grip handle is installed upright in bracket and is fully seated. Safety-tie handle to bracket with one turn of size E nylon thread (V-T-295), single, to ensure perpendicular positioning.



63-798

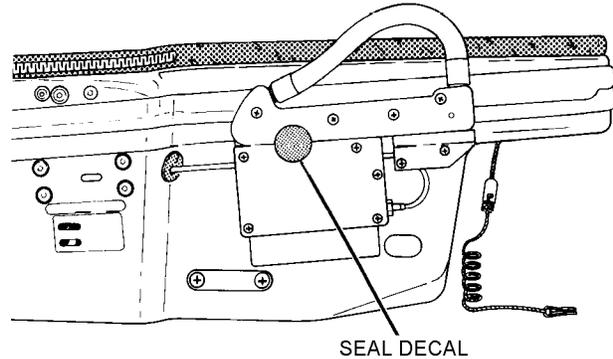
Step 16 - Para 9-25

17. Ensure that manual emergency oxygen handle is properly secured so that ring portion protrudes in open space between thigh supports and is readily accessible, after cushion installation.

18. Attach cushion to upper container.

19. Ensure oxygen gage shows and system indicates fully charged.

20. Apply seal decal (12 ND NARFA 78-A2) on RSSK seam where yellow release handle assembly adjoins bare metal lock mechanism. Before application, clean area thoroughly ensuring it is free of adhesive. Seal decal shall be applied whenever RSSK is closed.



63-799

Step 20 - Para 9-25

21. Make necessary entries on appropriate form in accordance with OPNAVINST 4790.2 Series.

9-26. Release Handle Pull Test. To perform a release handle pull test, proceed as follows:

Support Equipment Required

Quantity	Description	Reference Number
1	Push/Pull Gage, 0 to 50 Pounds	DPP-50 (CAGE 11710)

1. Apply steady upward pull and note force required to unlock latches. Force required to unlock latches in first 1/2 to 5/8 inch of travel, measured at geometric centerline of actuator link, shall be 10 to 30 pounds. Handle shall pull free of engagement link. If failure occurs, refer to [paragraph 9-70](#).

2. Close container after pull test.

9-27. (A-4/TA-4 A/C) COCKPIT ROUTING AND INSTALLATION OF EMERGENCY RADIO BEACON LANYARD. To rig emergency radio beacon for automatic actuation, after installation in survival kit, proceed as follows:

Materials Required

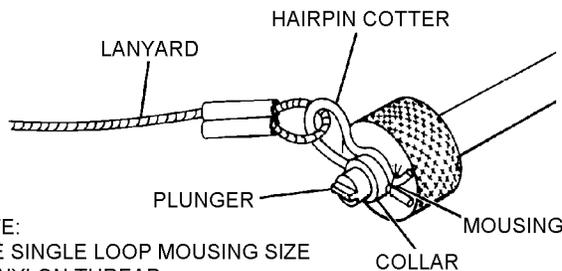
Quantity	Description	Reference Number
1	Lanyard, Actuation (A-4/TA-4 Aircraft)	CL204C4-6 (CAGE 80206)
As Required	Thread, Nylon, Size E, Type II Class A	V-T-295 NIIN 00-244-0609



Do not release indicator plunger. Hold in depressed position and maintain pressure until hairpin cotter is replaced.

1. Depress indicator plunger and remove hairpin cotter.

2. While maintaining pressure on plunger, secure plunger in its depressed position using hairpin cotter attached to beacon automatic actuation lanyard. Pass cotter through aligned holes of indicator plunger and collar from which temporary hairpin cotter was removed. Safety-tie open end of hairpin cotter by applying single-loop mousing. Use size E nylon thread and secure mousing loop with square knot. Cut off excess length of thread approximately 1/8 inch from knot.



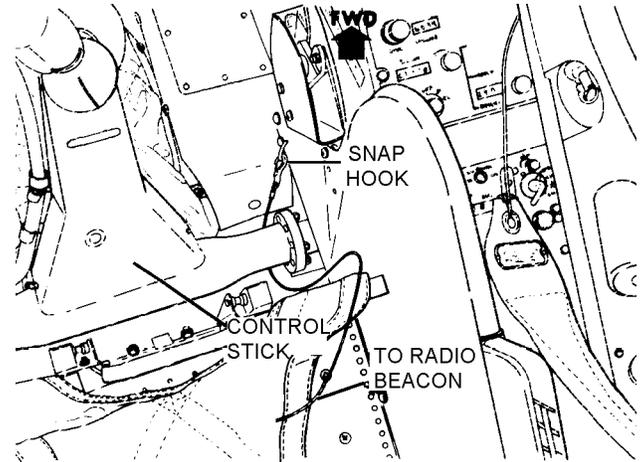
NOTE:
USE SINGLE LOOP MOUSING SIZE "E" NYLON THREAD.
TRIM THREAD 1/8 FROM SQUARE KNOT.

63-776

Step 2 - Para 9-27

3. Remove existing screw on starboard side of cockpit and install D-ring and plate with screw.

4. Pass snaphook on actuating lanyard under aircraft control stick and snap to D-ring.



63-379

Step 4 - Para 9-27

5. Deleted.

6. Deleted.

7. Verify proper installation of kit into seat, and correct routing and connection of automatic actuating lanyard assembly.

NAVAIR 13-1-6.3-1

9-28. (S-3 A/C) COCKPIT ROUTING AND INSTALLATION OF EMERGENCY RADIO BEACON LANYARD. To rig emergency radio beacon for automatic actuation after installation in survival kit, proceed as follows:

Materials Required

Quantity	Description	Reference Number
2	Lanyard, Actuation (Pilot, Copilot)	CL204C4-5 (CAGE 80206)
2	Lanyard, Actuation (TACCO, SENSO)	CL204C4-6 (CAGE 80206)
As Required	Thread, Nylon, Size E, Type II Class A	V-T-295 NIIN 00-244-0609

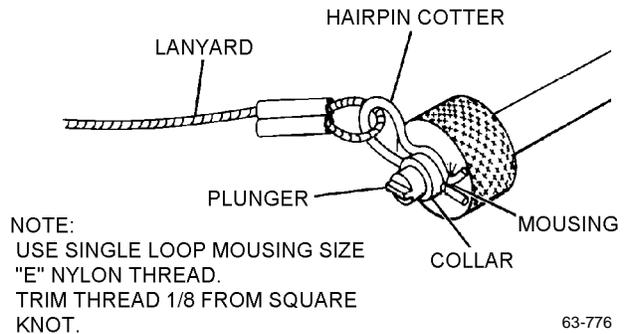


Do not release indicator plunger. Hold in depressed position and maintain pressure until hairpin cotter is replaced.

1. Depress indicator plunger and remove hairpin cotter.

2. While maintaining pressure on plunger, secure plunger in its depressed position using hairpin cotter attached to beacon automatic actuation lanyard. Pass cotter through aligned holes of indicator plunger and

collar from which temporary hairpin cotter was removed. Safety-tie open end of hairpin cotter by applying single-loop mousing. Use size E nylon thread and secure mousing loop with square knot. Cut off excess length of thread approximately 1/8 inch from knot.



Step 2 - Para 9-28

NOTE

The following detailed procedures for routing of emergency radio beacon lanyard are divided into three general areas: pilot seat, copilot seat, and TACCO and SENSO seats.

3. Route emergency radio beacon lanyard for pilot's seat as follows:

a. Remove existing screw from vertical section of cockpit deck just forward of auxiliary power unit pressure gage.

b. Position D-ring and plate over screw hole; secure with screw.

NOTE

Ensure that coiled section of lanyard is outside seat bucket.

c. Connect lanyard (P/N CL204C4-5) snaphook to D-ring.

4. Route emergency radio beacon lanyard for copilot's seat as follows:

a. Remove existing screw from vertical section forward of copilot's seat.

b. Position D-ring and plate over screw hole and secure with screw.

NOTE

Ensure that coiled section of lanyard is outside seat bucket.

c. Connect lanyard (P/N CL204C4-5) snaphook to D-ring.

5. Route emergency radio beacon lanyard for TACCO's or SENSO's seat as follows:

a. Using nut and bolt presently fastening bailout oxygen lanyard clevis to floor bracket underneath seat, secure D-ring and plate to floor bracket.

NOTE

Ensure that coiled section of lanyard is outside seat bucket.

b. Connect lanyard (P/N CL204C4-6) snaphook to D-ring.

Section 9-4. Turnaround/Daily/Preflight/Postflight/Transfer/Special/Conditional Inspection

9-29. GENERAL.

9-30. The Turnaround/Daily/Preflight/Postflight or Transfer Inspections consist of a visual-type inspection performed in conjunction with the aircraft inspection requirements for the aircraft in which the survival kit is installed. These inspections shall be performed by line personnel (plane captain) or delegated aircrewmen who have been instructed and found qualified by the Aviator's Equipment Branch.

9-31. The Conditional Inspection is an unscheduled inspection required as the result of a specific situation or set of conditions, e.g., hard-landing inspections or any inspection directed by higher authority that is not ordered in a technical directive.

9-32. The Special (7/14 day, etc.) Inspection shall be performed on inservice survival kits installed in aircraft or in ready room issue. This inspection shall be performed at the Organizational Level of maintenance by personnel assigned to the Aviator's Equipment Branch. Make necessary entries on appropriate form in accordance with OPNAVINST 4790.2 Series.

9-33. TURNAROUND/DAILY/PREFLIGHT/POST-FLIGHT/TRANSFER, OR SPECIAL INSPECTION PROCEDURES. These inspections consist of visual inspections of the following:

1. Cushion for secure attachment, rips, tears, and loose or frayed stitching.

2. (BEFORE ACC 377) Closure strap release lanyard safety ties and Fhanstock clip for presence and proper installation.

3. (BEFORE ACC 377) Closure strap hinge and arming wire pin for corrosion and damage.

4. Release handle for proper seating and corrosion.

5. Oxygen gage for FULL indication.

6. Emergency oxygen lanyard coupling assembly for spring security.

7. Emergency oxygen lanyard for proper installation and corrosion.

NAVAIR 13-1-6.3-1

8. Manual emergency oxygen release for condition and security of attachment.

9. Container assembly for cracks, breaks, and other obvious damage.

10. Harness assemblies for loose or frayed webbing, stitching, and cracked or broken hardware.

11. Lapbelt release assembly for loose or missing screws and corrosion.

12. Beacon actuator indicator for bent shaft, hair-pin cotter for elongation, corrosion, and proper mousing.

13. Secure attachment of beacon automatic actuation lanyard (if installed).

14. Seal decal for secure attachment, tears, or rips. If seal decal is damaged, RSSK must be reclosed by IMA.

15. Condition of oxygen hose and secure attachment to kit. If repair procedure has been performed on oxygen hose assembly, check external wiring for secure attachment.

16. (S-3A A/C) Secure attachment of externally mounted electrical cable assembly to oxygen hose assembly.

9-34. If discrepancies are found or suspected, Maintenance Control shall be notified.

9-35. Survival kits which do not pass inspection and cannot be repaired in the aircraft shall be removed in accordance with applicable aircraft manual and replaced with a Ready for Issue (RFI) survival kit. Non-RFI survival kits shall be forwarded to the nearest maintenance activity having repair capability for corrective action.

Section 9-5. Acceptance/Phased/SDLM/PDM Inspection

9-36. GENERAL.

9-37. An acceptance inspection shall be performed on a survival kit when it is placed into service or at the time a reporting custodian accepts a newly assigned aircraft from any source and on return of an aircraft from SDLM/PDM or other major D-level rework. The Phased/SDLM/PDM inspection cycle of the survival kit shall be 308 days. In no case, however, shall the phased interval exceed 308 days. The battery test inspection cycle for the AN/URT-33A radio beacon is dependent on the type of battery installed. Refer to NAVAIR 16-30URT33-1 for battery test inspection cycles and requirements. For acceptance inspection purposes, verification of pyrotechnics and configuration is accomplished by visual record examination only. Disassembly beyond the daily inspection requirements of applicable publications is not required. Activities may elect to increase the depth of the inspection if equipment condition, visual external inspection, or record examination indicates such action is warranted.

9-38. VISUAL INSPECTION. This inspection shall be performed prior to the functional check of the kit. Visually check kit for the following:

1. Cushion for rips, tears, and general condition.

2. (BEFORE ACC 377) Closure strap hinge and pin for corrosion and proper operation (paragraph 9-39).

3. Release handle for wear, corrosion and damage.

4. Manual emergency oxygen release handle (green ring) for damage and security of attachment.

5. Upper and lower container for cracks, corrosion, and security of hardware.

6. Webbing for loose or frayed stitching and security of attachment.

7. Lapbelt release assembly for loose or missing screws and corrosion.

8. Swaged balls on cable assemblies for security of attachment. Refer to paragraph 9-40 for the swaged ball pull test which is performed during Acceptance Inspection only.

9-39. (BEFORE ACC 377) Closure Strap Arming Wire Pin Pull Test. To check the force needed to pull the arming wire pin from the hinge, proceed as follows:

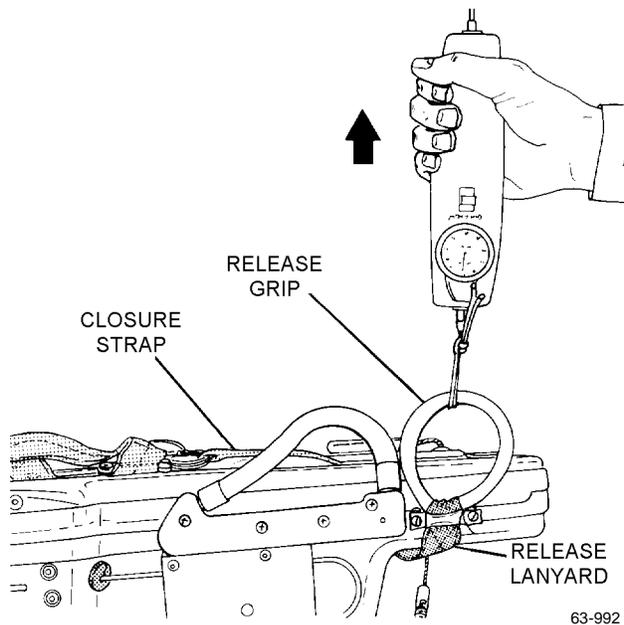
Materials Required

Quantity	Description	Reference Number
As Required	Krytox 240AC, Type III	MIL-G-27617 NIIN 00-961-8995

Support Equipment Required

Quantity	Description	Reference Number
1	Dial Push/Pull Gage, 0 to 50 Pounds	DPP-50 (CAGE 11710)

1. Attach push/pull gage to closure strap release grip.
2. Measure force required to pull arming wire pin free from hinge. Force required shall be 10 to 30 pounds.



Step 2 - Para 9-39

3. Visually inspect arming wire pin, hinge, and Phanstock clip (if installed) for evidence of corrosion or damage.

4. Visually inspect closure strap release lanyard and closure strap webbing for evidence of fraying or damage. Replace all frayed or damaged items.

5. Lubricate arming wire pin with light coating of Krytox 240AC.

9-40. Swaged Ball Pull Test (Acceptance Inspection Only). To check the security of the swaged ball attachments on cable assemblies, perform pull test as follows:

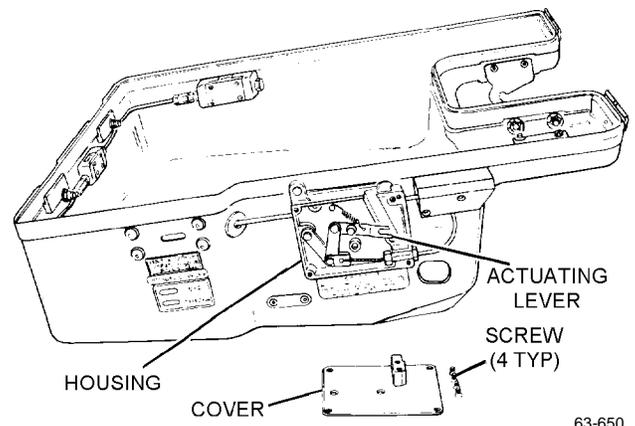
Materials Required

Quantity	Description	Reference Number
As Required	Nylon Cord, Type III, 550-Pound	MIL-C-5040 NIIN 00-240-2146

Support Equipment Required

Quantity	Description	Reference Number
1	Dial Push/Pull Gage, 0 to 100 Pounds	DPP-100 (CAGE 11710)

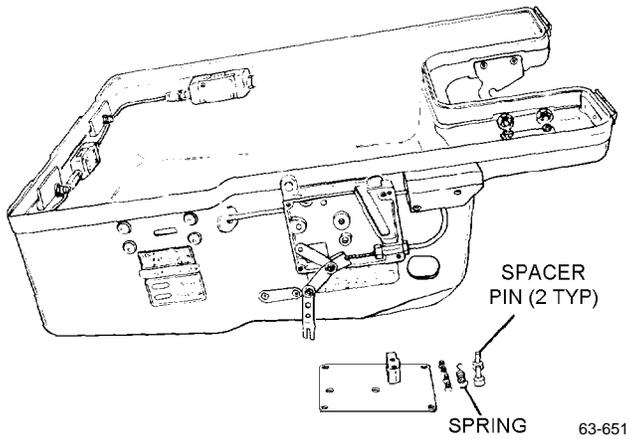
1. Remove four screws and cover from assembly.
2. Push actuating lever down.



Step 2 - Para 9-40

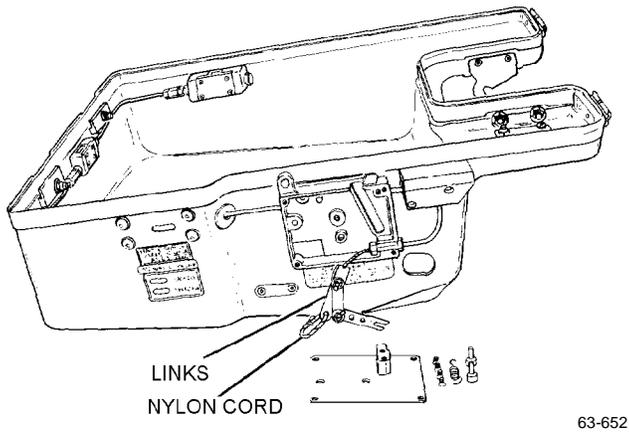
NAVAIR 13-1-6.3-1

3. Remove spring and two spacer pins. Lift actuating lever assembly with cable inserted in clevis from housing.



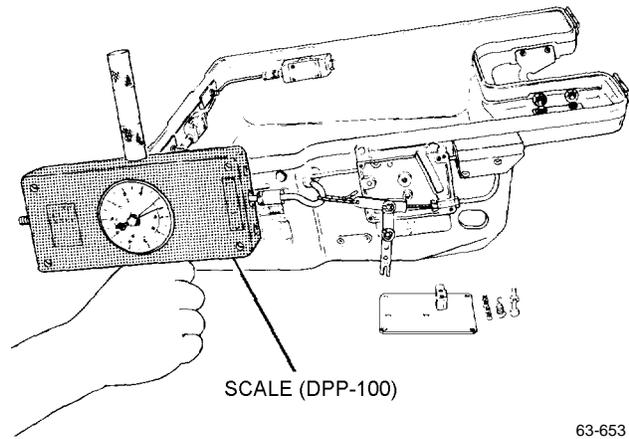
Step 3 - Para 9-40

4. Thread approximately 5 inches of nylon cord MIL-C-5040 through links and tie both ends together.



Step 4 - Para 9-40

5. Insert hook of push/pull gage into loop of nylon cord.

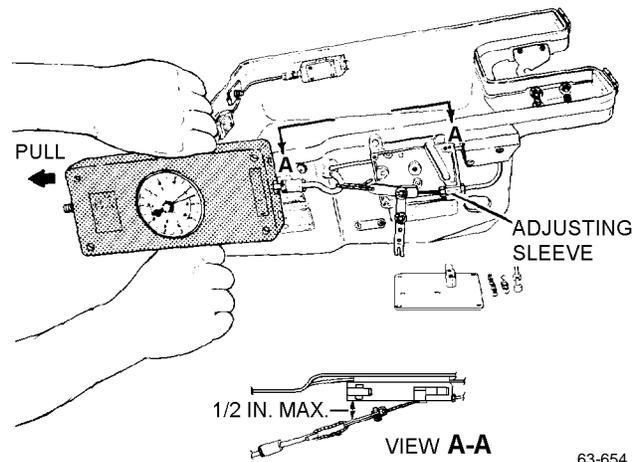


Step 5 - Para 9-40

CAUTION

Ensure adjusting sleeve does not move from housing while pull force is exerted.

6. Pull push/pull gage toward aft direction of kit and in normal direction of cable operation. Ensure links and clevis are not pulled from housing more than 1/2 inch. Swaged balls shall withstand 100 pounds pull force.



Step 6 - Para 9-40

7. If assembly fails to meet specified pull force, slide ball off cable and swage new ball in same location.

8. Assemble parts and install cover on housing.

9-41. FUNCTIONAL CHECK. The functional check shall be performed anytime a kit is placed in service, after any adjustment procedures, or when equipment condition, visual external inspection, or record examination indicates such action is warranted to determine the condition of the kit. To perform a functional check proceed as follows:

Materials Required

Quantity	Description	Reference Number
As Required	Leak Detection Compound, Type I	MIL-L-25567
As Required	Lint-free Cloth	MIL-C-85043 NIIN 00-044-9281

Support Equipment Required

Quantity	Description	Reference Number
1	Test Stand	59A120 (CAGE 02551) or 31TB1995-1 (CAGE 99251)
1	Dial Push/Pull Gage, 0 to 50 Pounds	DPP-50 (CAGE 11710)
1	Toggle Reset Tool	Fabricate IAW paragraph 9-76



Before use, inspect leak detection compound. Compound which is not clear and

free from suspended material/sediment is considered contaminated and shall be disposed of.

Compound exhibiting peculiar odors, such as acetone or alcohol, is considered contaminated and shall be disposed of.



Discontinue functional test if seat kit fails to pass any steps of test procedures. Repair malfunction before continuing procedures or damage to seat kit may result. After repair, the entire test procedure shall be performed.

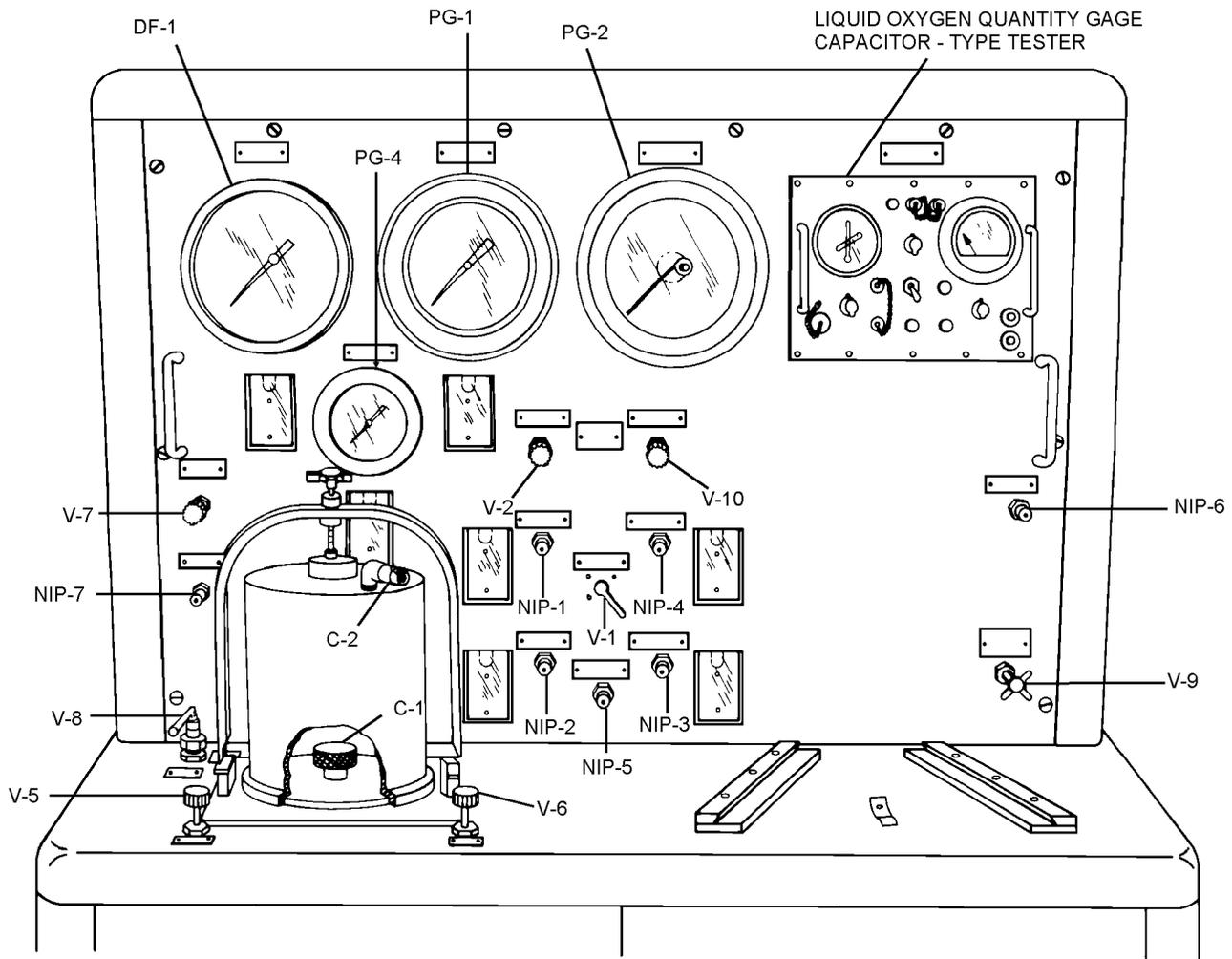
NOTE

Performance of test stand is dependent upon skill of operator. It is imperative that operator be thoroughly familiar with instruments, controls, and connections that comprise systems incorporated in test stand. See NAVAIR 17-15BC-20 and NAVAIR 13-1-6.4-4 to familiarize yourself with 59A120 or 31TB1995 series liquid oxygen converter test stands.

Emergency oxygen cylinder pressures used in this functional test are derived under ideal shop conditions 70°F (21°C). Variances in ambient air temperatures directly affect charging pressures. Refer to table 9-7 for details.

Ensure that emergency oxygen cylinder is filled to 1800 to 2000 psi.

1. Remove bell jar and connect oxygen outlet hose of kit to fitting (C-1) and ensure that valve (V-2) is open and all other test stand valves are closed (figure 9-8)



- | | | | |
|-------|--|------|--|
| C-1 | BELL JAR BOTTOM COUPLING | PG-2 | FLOWMETER INDICATOR GAGE |
| C-2 | BELL JAR TOP COUPLING | PG-4 | 0 - 15 PSIG LOW PRESSURE TEST GAGE |
| DF-1 | 0 - 100" H ₂ O DIFFERENTIAL PRESSURE GAGE | V-1 | FLOWMETER SELECTOR GAGE |
| NIP-1 | 0 - 0.25 LPM FLOWMETER CONNECTION | V-2 | TEST PRESSURE GAGE TO BELL JAR VALVE |
| NIP-2 | 0 - 1 LPM FLOWMETER CONNECTION | V-5 | SYSTEM BLEED VALVE |
| NIP-3 | 0 - 50 LPM FLOWMETER CONNECTION | V-6 | OXYGEN SUPPLY VALVE |
| NIP-4 | 0 - 150 LPM FLOWMETER CONNECTION | V-7 | DIFFERENTIAL PRESSURE BLEED VALVE |
| NIP-5 | CONVERTER SUPPLY OUTLET CONNECTION | V-8 | DIFFERENTIAL PRESSURE SHUT-OFF VALVE |
| NIP-6 | SUPPLY TO CONVERTER CONNECTION | V-9 | CONVERTER SUPPLY FLOW CONTROL VALVE |
| NIP-7 | DIFFERENTIAL PRESSURE GAGE CONNECTION | V-10 | TEST PRESSURE GAGE BUILD-UP AND FLOW VALVE |
| PG-1 | 0 - 160 PSIG TEST PRESSURE GAGE | | |

63-578

Figure 9-8. Test Stand Model 59A120

2. Attach push/pull gage to manual emergency oxygen release handle.



Ensure manual oxygen release is separating type before attempting to disengage.

3. Measure force required to disengage manual oxygen release. Force required shall be 10 to 30 pounds; emergency oxygen system shall actuate and indicate 45 to 80 psi on gage (PG-1) on test stand.

4. Reinstall manual oxygen release (if separating type) and reset reducer.

5. Turn on oxygen supply cylinder to test stand.

6. Slowly open valve (V-6) on test stand, and adjust pressure on gage (PG-1) to 90 psi.

7. Measure force required to disengage manual oxygen release with push/pull gage. Force required shall be 10 to 30 pounds.

NOTE

Any degree of leakage in the oxygen system requires corrective maintenance.

8. Using leak detection compound, check all pressure lines and fittings to ensure no leakage.

9. Reinstall manual oxygen release (if separating type) and reset reducer.



Do not increase pressure above 150 psi.

10. Using valve (V-6), increase pressure until relief valve unseats.

NOTE

Unseating can be determined by listening and observing gage (PG-1) on test stand.

11. Repeat step 10 several times to establish correct pressure. Relief valve shall unseat at 120 to 140 psi when pressure is increased, and reset at 110 psi

minimum when pressure is decreased. Once reset, relief valve shall be leak tight.

NOTE

Pressure may be reduced below opening pressure of relief valve by closing valve (V-6) and opening valve (V-5).

12. Check relief valve with leak detection compound to ensure no leakage.

13. Close valve (V-6), and bleed oxygen pressure from system by opening valve (V-5). All pressure is bled when gages (PG-1) and (PG-4) indicate zero pressure.

14. Close valve (V-5).

15. Ensure valve (V-2) is opened and all other test stand valves are closed.

16. Measure force required to disengage automatic oxygen release with a scale. Force required shall be 10 to 30 pounds and emergency oxygen system shall actuate and indicate 45 to 80 psi on gage (PG-1) on test stand.

17. Reset reducer.

18. Open valve (V-5), and ensure that all other test stand valves are closed.

19. Actuate toggle on reducer to ensure positive flow through valve (V-5). Reset reducer assembly.

20. Open valve (V-8).

21. Slowly close valve (V-5) while observing gage (DF-1).

NOTE

Observe gage (DF-1) for two minutes to ensure no leakage. Any pressure rise indicates leakage in the reducer valve seat and requires corrective maintenance.

22. Close valve (V-8), open valve (V-5), and disconnect oxygen outlet hose from fitting (C-1).

23. Ensure all valves on test stand are secured.

24. Connect oxygen outlet hose to fitting (NIP-6). Ensure that valve (V-10) is open and all other test stand valves are closed.

NAVAIR 13-1-6.3-1

25. Connect test stand hose to fitting (NIP-5) and fitting (NIP-4).

26. Move valve (V-1) to the (NIP-4) position.

27. Ensure that 1800 to 2000 psi is in oxygen cylinder of kit.

28. Pull manual oxygen release. Slowly open valve (V-9) to indicate 90 LPM on gage (PG-2). Oxygen pressure shall indicate 45 to 80 psi on gage (PG-1).

NOTE

When needle of cylinder pressure gage is between E and F of REFILL, pressure is approximately 250 psi.

29. Observe emergency oxygen cylinder pressure gage. Allow system to decrease to 250 psi while maintaining 90 LPM and 45 to 80 psi pressure.

30. Close valve (V-9).

31. With zero flow indicated on gage (PG-2), pressure indicated on gage (PG- 1) shall be 45 to 80 psi.

32. Reinstall manual oxygen release (if separating type) and reset reducer.

33. Bleed oxygen pressure from system by opening valves (V-5) and (V-2). All pressure is bled when gages (PG-1) and (PG-4) indicate zero pressure.

34. Disconnect kit from test stand.

35. Secure test stand.

36. All areas where leak detection compound was applied shall be wiped thoroughly clean. Dry with lint-free cloth, filtered low pressure compressed air, or low pressure nitrogen.

37. Recharge emergency oxygen cylinder to 1800 to 2000 psi. Refer to [paragraph 9-42](#) for charging procedures.

38. Perform release handle pull test on fully packed kit in accordance with [paragraph 9-26](#).

9-42. PURGING AND CHARGING EMERGENCY OXYGEN SYSTEM. To purge and charge the emergency oxygen system, proceed as follows:

Materials Required

Quantity	Description	Reference Number
As Required	Leak Detection Compound, Type I	MIL-L-25567
As Required	Nitrogen, Type I, Class I, Grade B	BB-N-411
As Required	Aviator's Breathing Oxygen, Type I	MIL-O-27210

Support Equipment Required

Quantity	Description	Reference Number
1	Oxygen Purging Electric Heater	C5378 (CAGE 96787) or Equivalent
1	Shut-off Valve	—
1	Pressure Regulator	—
1	Adapter, Filling	21000T130-1 (CAGE 53655)

WARNING

Servicing of emergency oxygen system is accomplished only after removal of personnel parachute and survival kit from aircraft.

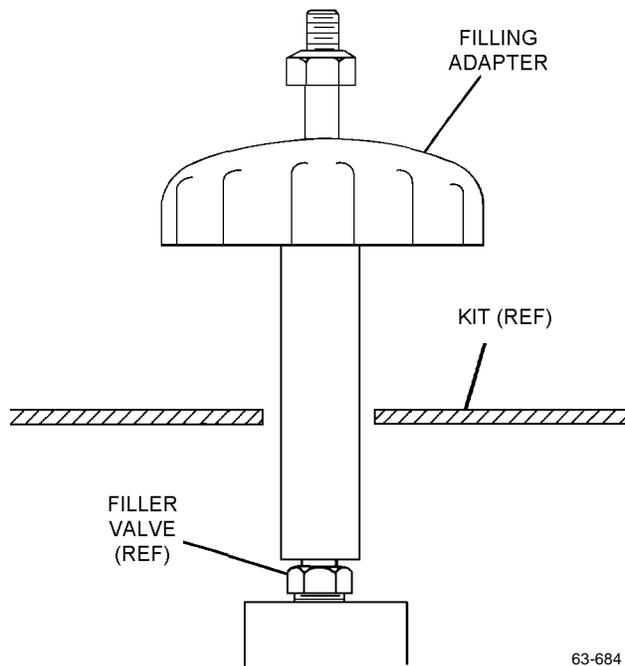
Before use, inspect leak detection compound. Compound which is not clear and free from suspended material/sediment is considered contaminated and shall be disposed of. Compound exhibiting peculiar odors, such as acetone or alcohol, is considered contaminated and shall be disposed of.

1. If survival kit assembly has not been removed from aircraft, remove personnel parachute and survival kit in accordance with applicable maintenance manual.

WARNING

If necessary to release pressure in oxygen bottle before purging/filling, pull emergency oxygen lanyard. This releases pressure through the pressure reducer. **DO NOT** release pressure through filler valve or adapter. Releasing high-pressure oxygen through restriction of filler valve causes heat; fire or explosion may result.

2. Remove oxygen filler valve cap and connect filling adapter to filler valve.



Step 2 - Para 9-42

NOTE

If emergency oxygen system is contaminated or cylinder has remained empty for more than 2 hours, purging is required. If emergency oxygen cylinder does not warrant purging process, proceed to [step 10](#) for charging sequence.

3. Deplete emergency oxygen cylinder if necessary.
4. Connect nitrogen source to filling adapter, and close pressure reducer.

NOTE

If relief valve on Oxygen Purging Electric Heater will not allow 100 psi, raise pressure only to allowable limit.

5. Slowly pressurize to 100 psi with nitrogen at temperature of 110° to 130°C (230° to 266°F) using electric heater.
6. Turn off nitrogen source and deplete oxygen cylinder.
7. Repeat [steps 5](#) and [6](#), twice.
8. With pressure reducer open, turn on nitrogen source and purge for 10 minutes at temperature of 110° to 130°C (230° to 266°F).
9. Turn off nitrogen source and disconnect.
10. Connect oxygen source to filling adapter with suitable pressure regulator and shut-off valve. Reset pressure reducer.
11. Slowly pressurize to 100 psi.
12. Deplete cylinder to 50 psi.
13. Ensure that minimum slack exists in actuating cables of reducer/manifold, yet enough to ensure full engagement of toggle arm.

WARNING

Observe filling stages as rapid application of oxygen pressure creates heat which may result in fire or explosion.

Allow no less than 3 minutes for each filling stage and 2 minute intervals for cooling between stages.

NOTE

If kit is to be stored, the emergency oxygen bottle shall be depleted or filled to 200 PSI (when needle on gage bisects the E on refill). For shipping, fill or deplete to 25 PSI using the gage on the oxygen refill cylinder.

14. Charge emergency oxygen system in stages in accordance with [table 9-6](#) until pressure gage indicates correct pressure for existing ambient temperature ([table 9-7](#)).

Table 9-6. Charging Stages

Stage	PSI
1	500
2	1000
3	1500
4	1800
5	2000

WARNING

Visually ensure that filler valve does not turn as filling adapter is removed. Serious injury could result.

- Loosen filling adapter until all pressure is bled from high-pressure line. Remove filling adapter.

NOTE

Alternate Fill Valve P/N 9120097-27 is coreless and has a maximum leakage rate of 1 cc/hr. This will be evident by very tiny bubbles passing through the top of the valve when leak detection compound is applied level to the top rim. No leaks around the threads are acceptable. If large bubbles are evident, contact survival kit FST for disposition.

Table 9-7. Ambient Air Temperature Vs Charging Pressures

Ambient Air Temperature		Charging Pressure
°F	°C	PSI
0	-18	1550-1750
10	-12	1600-1775
20	-7	1625-1800
30	-1	1675-1850
40	5	1700-1875
50	10	1725-1925
60	16	1775-1975
70	21	1800-2000
80	27	1825-2050
90	32	1875-2075
100	38	1900-2125
110	43	1925-2150
120	49	1975-2200
130	54	2000-2225

- Apply leak test compound around filler valve, gage and reducer. Check for leaks then wipe connections clean using a lint-free cloth.

- Replace oxygen filler valve cap on filler valve.

- If the personnel parachute and survival kit assembly were removed in step 1, install using the applicable maintenance manual.

Section 9-6. Maintenance

9-43. GENERAL.



Keep working area clean and free of oil, grease, and dirt. Do not attempt to perform any component removal with oxygen system pressurized.

NOTE

Unless otherwise indicated, maintenance instructions set forth in this section shall apply to both Scott and Rocket Jet survival kit assemblies.

9-44. This section contains procedures for troubleshooting, disassembly, cleaning, inspection of disassembled parts, repair or replacement of parts, reassembly, and adjustment. Disassemble only to extent required to perform task. Work shall be performed in a clean, dust and grease-free area.

9-45. TROUBLESHOOTING.

9-46. When troubles or operating malfunctions are encountered, locate probable cause and remedy using [table 9-8](#).

9-47. DISASSEMBLY.

9-48. Disassemble the kit using the index numbers assigned to [figures 9-18 through 9-35](#) as a reference.

NOTE

Discard all O-rings, seals, cotter pins, and teflon sealing tape removed from oxygen connections during disassembly. Discard any threaded inserts, rivets, rubber pads, seals, molding, or hook and pile fastener tape removed during disassembly of kit.

9-49. (SCOTT ONLY) REDUCER ASSEMBLY ([figure 9-35](#)). Special instructions are as follows:

Support Equipment Required

Quantity	Description	Reference Number
1	Wrench (1)	21051T89-1 (CAGE 53655)
1	Wrench (2)	26251-1-T91-1 (CAGE 53655)

1. Remove toggle arm (1) by pushing out pin (2) with 1/16-inch diameter rod.

2. Unthread retainer (10) from sleeve (14) with wrench (1); slide spring (12) and plate (13) off pin (14).

3. Using wrench (2), remove guide (23), seat (24), packing (25), stem (26), and spring (27) from body (32).

9-50. CLEANING.

9-51. To clean the disassembled oxygen and non-oxygen components of the kit (except for cushions and fabric components) refer to NAVAIR 13-1-6.4-1. ■

Table 9-8. Troubleshooting

Trouble	Probable Cause	Remedy
Low or zero pressure indication on oxygen gage.	Oxygen tube empty.	Recharge oxygen system per paragraph 9-42 .
	Defective pressure gage (42, figure 9-22 ; 35, figure 9-23 ; 93, figure 9-33).	Replace gage.
	Oxygen system components are leaking.	Tighten connections or replace defective parts as required.
No oxygen flow at kit-to-man hose from aircraft system (emergency oxygen system not actuated).	Defective check valve (31, figure 9-21 ; 30, figure 9-33).	Replace check valve.
Oxygen pressure at kit-to-man hose not within tolerance of 45 to 80 psi when emergency oxygen system actuated during test.	Defective oxygen reducer/manifold (1 through 34, figure 9-22 ; 1 through 27, figure 9-23 ; 85 and 86, figure 9-33)	Replace oxygen reducer/manifold.
	Oxygen reducer/manifold incorrectly adjusted.	Adjust and test reducer/manifold per paragraph 9-68
Relief Valve Leakage.	Defective valve.	Disassemble, remove and replace relief valve.
Relief Valve does not operate within tolerance of 120 to 140 psi when simulated aircraft back pressure is applied during test.	Defective or out of adjustment relief valve (34, figure 9-21 ; 34, figure 9-33).	Adjust relief valve in accordance with paragraph 9-71 . If specification cannot be met replace relief valve.
Oxygen flow exists at ship-to-kit hose when emergency oxygen system is actuated during test.	Defective check valve (35, figure 9-21 ; 30, figure 9-33).	Replace check valve.
No oxygen flow at kit-to-man hose when emergency oxygen system is actuated by emergency oxygen lanyard or emergency manual oxygen release.	Upper and lower adjuster or oxygen actuator assembly not adjusted correctly: Oxygen lanyard or manual release pulls free of actuator assembly before reducer/manifold toggle arm is operated by actuator cables.	Adjust oxygen actuator assembly per paragraph 9-73 (Scott), 9-74 (Rocket Jet).
Pull force to actuate emergency oxygen system by emergency oxygen lanyard or emergency manual oxygen release is not within tolerance of 10 to 30 pounds.	Excessive or insufficient washers beneath toggle arm of reducer/manifold assembly.	Adjust and test reducer/manifold per paragraph 9-68 .
	Foreign matter in actuator.	Clean actuator assembly.
	Expanded diameter of retaining ring on emergency manual oxygen release causing an increased retention load within adjuster of oxygen actuator assembly. (2 and 3, figure 9-21 ; 78, figure 9-33).	Replace oxygen actuator assembly.

Table 9-8. Troubleshooting (Cont)

Trouble	Probable Cause	Remedy
Pull force to actuate emergency oxygen system by emergency oxygen lanyard or emergency manual oxygen release is not within tolerance of 10 to 30 pounds. (Cont)	Burrs and corrosion on grip assembly and adjuster nut. (2 and 3, figure 9-21 ; 6, figure 9-30).	Polish off burrs and corrosion and lubricate.
Emergency lanyard coupling assembly loose.	Broken or missing spring.	Repair in accordance with paragraph 9-60 .
Operation of handle fails to separate upper from lower container.	Lock actuating cables out of adjustment.	Adjust cables per paragraph 9-70 .
	Broken, crushed or bent lock actuating cable assembly. (32, 36 or 42, figure 9-19 ; 24, 25 or 35, figure 9-20 ; 13, 14 or 15, figure 9-31).	Replace discrepant cable.
	Damaged lock (51, figure 9-17 ; 40, 41 and 42, figure 9-20 ; 25, figure 9-31).	Replace discrepant lock.
	Pin (4, figure 9-26) opposite slot on disk in multi-release assembly has sheared (Rocket Jet only).	Replace multi-release assembly.
	Swaged ball slipped off cable.	Install new swaged ball on cable.
Handle does not release from kit within tolerance of 10 to 30 pounds.	Latch in handle not clearing latch engagement projection on multi-release housing during handle operation.	Adjust position of latch on guide per paragraph 9-72 .
	Broken, crushed or bent lock actuating cable assembly. (32, 37 or 42, figure 9-19 ; 24, 25 or 35, figure 9-20 ; 13, 14 or 15, figure 9-31).	Replace discrepant cable.
	Damaged lock (51, figure 9-17 ; 40, 41 and 42, figure 9-20 ; 25, figure 9-31).	Replace discrepant lock.
Unable to obtain proper adjustment of lapbelt assembly.	Faulty lapbelt adjuster.	Inspect/replace lapbelt adjuster in accordance with paragraph 9-64 .
	Improper routing of webbing.	

NAVAIR 13-1-6.3-1

9-52. CLEANING CUSHIONS AND FABRIC COMPONENTS. Clean seat cushions and all fabric components as follows:

Materials Required		
Quantity	Description	Reference Number
As Required	Cleaning Compound	MIL-C-25769
As Required	Detergent, General Purpose	MIL-D-16791
As Required	Lint-free Cloth	MIL-C-85043 NIIN 00-044-9281

NOTE

If using cleaning compound (MIL-C-25769), combine one part compound to three parts water. If using general purpose detergent, follow directions on container.

1. Prepare detergent or cleaning compound (MIL-C-25769) solution.
2. Apply solution to soiled area with spray or sponge.
3. Allow solution to remain on surface for a few minutes, then scrub with soft brush or cloth.
4. Rinse surface thoroughly with water; wipe with cloth or sponge.

NOTE

Repeat [steps 1 through 4](#) until material is clean.

5. Repeat [step 4](#) until material is free from all solution.
6. Allow material to dry thoroughly.

9-53. INSPECTION.

9-54. Inspect the disassembled parts for damage, distortion, corrosion, and other damage in accordance with [table 9-9](#). Inspect survival items in accordance with [NAVAIR 13-1-6.5](#).

9-55. (SCOTT) INSPECTION OF RELEASE HANDLE ASSEMBLY. Inspect the release handle assembly as follows:

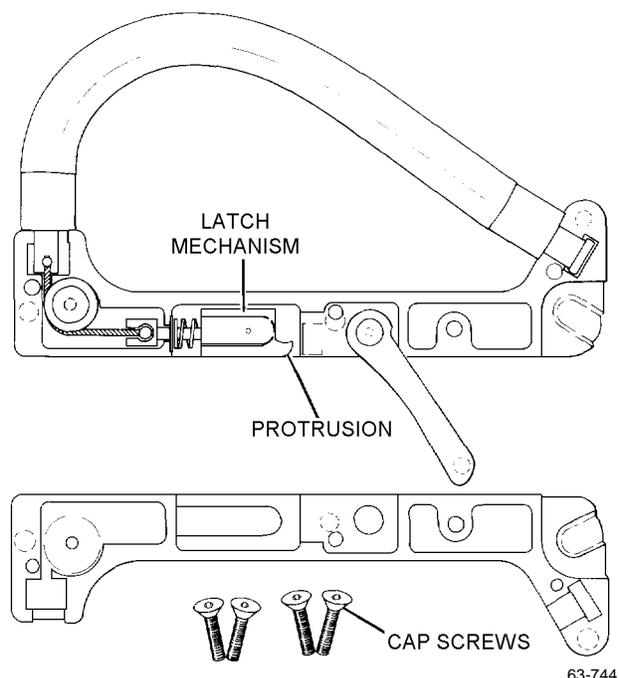
WARNING

Verify that ground handling safety equipment is installed before starting work in aircraft cockpit(s). Refer to appropriate Maintenance Instruction Manual.

CAUTION

Care must be taken to avoid emergency signal transmission during removal and installation of RSSK unit.

1. Remove RSSK-8 from aircraft ejection seat.
2. Remove handle assembly from RSSK-8.
3. Disassemble handle assembly by removing four cap screws.
4. Inspect latch mechanism for proper positioning by ensuring that protrusion on latch is aligned with bottom of handle assembly as shown. If latch is improperly inserted, reposition.



Step 4 - Para 9-55

Table 9-9. Inspection

Component	Task
Survival Kit (Figures 9-18, 9-21, 9-30 and 9-33)	
Cushion Assembly	Check cover assembly for fabric damage and loose, frayed, or broken stitching.
	Check slide fastener for security of attachment and trouble-free operation.
	Check for presence and security of snaps on lower surface.
	Check that rubber material of cushion filler assembly is securely bonded to rigid former.
	Check date installed on cushion foam and replace as required.
Parachute Retention Straps (4, figure 9-18; 10, figure 9-30)	Check buckle and parachute quick-disconnect for corrosion and security of attachment to webbing.
	Check quick-disconnect spring for cracks, loss of tension, deformation, and security of attachment.
	Check webbing for damage and for loose, frayed, or broken stitching.
Release Assemblies	Check for obvious wear and damage; ensure that releases adopt and maintain open and closed positions during operation.
Release Handle Assembly	Check molded rubber grip for cuts and breaks.
	Check for secure fit of balls on cable; examine cable for damage and wear.
	(Scott Only) Check release handle assembly (P/N 800676-03) to determine proper installation of latch mechanism (P/N 10001338) (paragraph 9-55).
Dropline Assembly	Examine boots for fabric damage and loose, broken, or frayed stitching.
	Check dropline for material damage, loose, frayed, or broken stitching.
Liferaft Cover	Examine for fabric damage and loose, broken, or frayed stitching.
Equipment Container	Check slide fastener for security of attachment and trouble-free operation.
	Inspect container material for damage and for loose, broken, or frayed stitching.
Survival Items	Inspect in accordance with NAVAIR 13-1-6.5.

Table 9-9. Inspection (Cont)

Component	Task
Lower Container Assembly (Figures 9-19, 9-20, and 9-31)	
Left and Right Forward Guide Brackets (1 and 7, figure 9-19; 1 and 7, figure 9-20; 50 and 58, figure 9-31)	Check for deformation. Refer to paragraph 9-56.
	Check for security of attachment.
Cable Assemblies (32, 37 and 42, figure 9-19; 24, 25 and 35, figure 9-20; 13, 14 and 15, figure 9-31)	Check for broken, bent or crushed conduit
	Inspect cables for damaged or broken strands
	Check for security of terminal balls on cables and couplings on conduit in accordance with paragraph 9-40.
	Check coupling nuts for rounded corners of flats and for thread damage.
Operate cables within respective conduits and ensure that cables move freely without binding.	
Grommet (54, figure 9-19; 45, figure 9-20; 22, figure 9-31)	Inspect for cracks, breaks and deterioration.
Lower Container Assembly	Check for cracks and damage to fiberglass and attached extruded metal lip. Ensure that extruded metal lip is bonded to fiberglass and there is no separation between parts.
Guide (64, figure 9-19)	Inspect for cracked ball socket, bent shaft and damaged threads.
Left and Right Handle Halves	Check for wear at aft pivot engagement area and along latch sliding area.
Handle Protector Bracket (49, figure 9-20; 35, figure 9-31) (NOT REQ'D on Rocket Jet P/N 283100-17)	(AFTER ACC 377) Check for cracks and damage to the plastic.
	Check for security of attachment.
Upper Container Assembly (Figures 9-21 and 9-33)	
Clamps (7, figure 9-21; 1, figure 9-33)	Check for damaged rubber.
Tube Assembly (6, figure 9-21; 13, figure 9-33)	Inspect tube for dents, cracks and gouges and inspect integral nut for damaged threads and rounded corners of hexagon flats.
All Relief Valves, Check Valves, Unions, and Cross	Inspect threads for damage.
Left and Right Harness Assemblies	Check bracket assembly for bends, damage and cracks in metal adjacent to welding material and security of attachment.

Table 9-9. Inspection (Cont)

Component	Task
Upper Container Assembly (Figures 9-21 and 9-33) (Cont)	
Left and Right Harness Assemblies (Cont)	Check webbing for wear and damage and for frayed, broken or loose stitching.
	Inspect side release lugs for damage and security of attachment. Inspect aftmost hole of release lugs for elongation.
	(After ACC 377) Inspect adjuster for proper operation. Adjuster must release webbing with a maximum pull-force of 8 lb on yellow tab. If harness webbing fails to move freely through adjusters in either direction, replace both left and right harness assemblies, even if only one side fails, using P/N 802196-11 and P/N 802196-12
Left, Right and Center Lid Latches	Check latches for distortion and for damage to ends which engage lid locks.
	Check for security of attachment.
Left and Right Hinges	Inspect the right and left hinges for cracks in the welded areas. If cracks are sighted, refer to repair procedures paragraph 9-59 for corrective action.
Upper Container	Inspect for cracks and damage to fiberglass and attached extruded metal lip. Ensure that extruded metal lip is bonded to fiberglass and there is no separation between parts.
Oxygen Actuator Assembly (Figures 9-24, 9-25, 9-30 and 9-34)	
Manual Emergency Oxygen Release	(Before ACC 325 Part II) Inspect terminal assembly metal end fitting and molded rubber for damage.
	(After ACC 325 Part II) Inspect manual emergency oxygen release handle (green ring) for damage and security of attachment.
Adjusters (10, figure 9-24; 4 and 5, figure 9-25; 10 and 13, figure 9-34)	Check for damaged threads.
Pulley (8, figure 9-24; 7, figure 9-25; 7, figure 9-34)	Inspect grooves for wear.
Link Assembly (4, figure 9-24; 8 and 11, figure 9-25; 11, 14 and 15, figure 9-34)	Check cables for fraying and broken strands.
	Check for security of balls and links on respective cables.
Housing	Inspect for damage around contour and to threads.

Table 9-9. Inspection (Cont)

Component	Task
Oxygen Actuator Assembly (Figures 9-24, 9-25, 9-30 and 9-34) (Cont)	
Lanyard Assembly (13, figure 9-24; 3, figure 9-30)	Check for security of pin in lock coupling.
	Inspect lanyard assembly for loose, broken or missing springs. Repair in accordance with paragraph 9-60.
	Inspect cables for broken strands and fraying.
	Check for security of balls, fork end fittings and link on respective cables.
	Check locking slots of coupling for wear and distortion.
Multi-Release Assembly (Figures 9-26, 9-27 and 9-32)	
Cover	Check for distortion and for cracks in area of holes.
Cable Retainer (3, figure 9-26)	Check pivot hole for wear.
Pins (4 and 5, figure 9-26)	Inspect pins for wear. Ensure that pins are securely staked in disk (6).
Lid Lock Cable Lever (7, figure 9-26; 7, figure 9-32)	Check for cracks and distortion at terminal ball area.
	Inspect pivot hole and slot for wear and damage.
Pins	Check for distortion and wear. Ensure that pins are firmly pressed into housing.
Inserts (16, figure 9-26)	Check inserts for looseness in respective threaded holes. Ensure that inserts are 3/4 to 1-1/2 threads beneath surface of housing.
Housing	Inspect locking projection, serving multi-release handle engagement, for damage and wear.
	Check holes and screw threads for damage.
Lock Assemblies (Figures 9-28, 9-29 and 9-31)	
Cover	Check for distortion and cracks in area of holes.
All Locknuts and Nipples	Inspect for cracks and thread damage.
	Check for rounded corners of hexagon flats.
Inserts (11, figure 9-28; 28, figure 9-31)	Check inserts for looseness in respective threaded holes. Ensure that inserts are 3/4 to 1-1/2 threads beneath surface of housing.
Housing	Inspect holes and threads for damage.
	Check the area serving slide operation and the latch.

Table 9-9. Inspection (Cont)

Component	Task
Reducer/Manifold and Tube Assembly (Figures 9-22, 9-23, 9-33, and 9-35)	
Toggle arm	Examine pin holes for wear and threads for damage.
	Check toggle arm re-setting slot for galling.
Retainer (10, figure 9-22; 8, figure 9-23; 10, figure 9-35)	Check adjustment holes and threads for damage.
Flange (12, figure 9-22; 10, figure 9-23; 15, figure 9-35)	Inspect threads, attachment holes and seating surface for damage.
Piston (14, figure 9-22; 12, figure 9-23; 14, figure 9-35)	Check for bent shaft, damage to seat flange and for hole wear.
Plunger (16, figure 9-22; 14, figure 9-23)	Check for bent or damaged shaft diameters and head.
Retainer (17, figure 9-22; 15, figure 9-23; 23, figure 9-35)	Inspect for damaged threads, galled screwdriver slot, cracks and breaks.
Fitting (25, figure 9-22; 22, figure 9-23; 28, figure 9-35)	Check for damaged threads and round corners of hexagon flats.
Filter (26, figure 9-22; 23, figure 9-23; 30, figure 9-35)	Inspect for damaged mesh and security of attachment within housing.
Housing	Check for gouges and other obvious damage.
	Inspect ports and threads for damage.
	Check diaphragm seating area for nicks, distortion and breaks.
Plug Assembly	Inspect chain and plug for damage.
	Inspect that chain is securely riveted to plug.
Cap, body and nut (34, 37 and 31, figure 9-22; 28, 34 and 31, figure 9-23; 76 and 77, figure 9-33)	Check for damaged threads and rounded corners of hexagon flats.
Plug (35, figure 9-22; 32, figure 9-23)	Inspect for damaged threads and seating areas.
Valve fitting and indicator manifold (39 and 43, figure 9-22; 36, figure 9-23; 86, figure 9-33)	Check for cracks and breaks.
	Inspect ports and threads for damage.
Gage (42, figure 9-22; 34, figure 9-23; 93, figure 9-33)	Check for cracked or missing glass, bent or broken needle and stop, or jammed needle.
	Inspect for rounded corners of hexagon flats, security of gage cover and damaged threads.

Table 9-9. Inspection (Cont)

Component	Task
Reducer/Manifold And Tube Assembly (Figures 9-22, 9-23, 9-33, and 9-35) (Cont)	
Gage (42, figure 9-22; 34, figure 9-23; 93, figure 9-33) (Cont)	Check for presence and security of integral filter in threaded shaft.
Tube assembly (48, figure 9-22; 41, figure 9-23; 13, figure 9-33).	Inspect end fitting for damage to threads and packing seats.
	Check tube for cracks, dents, nicks, gouges and scratches which penetrate metal.

5. Assemble handle assembly by installing four cap screws removed in [step 3](#).

6. Insert handle assembly into RSSK-8 actuator assembly and ensure that handle is latched and RSSK-8 is locked.

7. Install RSSK-8 in ejection seat.

9-56. INSPECTION OF RSSK-8 GUIDE BRACKETS. Inspect the guide brackets on the RSSK-8 as follows:

Support Equipment Required

Quantity	Description	Reference Number
1	Guide Bracket Gage	—

NOTE

If guide bracket throat openings are not within tolerance specified, guide brackets must be replaced. Reshaping or interchanging guide brackets between manufacturers is not permitted.

1. Fabricate guide bracket gage in accordance with [paragraph 9-81](#).

2. Pass end of guide bracket gauge marked 0.375 through throat portion of RSSK forward guide bracket.

et. If gauge passes through throat portion, guide bracket has been enlarged and will be replaced.

3. Repeat [step 2](#) for opposite guide bracket.

4. Pass end of guide bracket gauge marked 0.320 through throat portion of RSSK forward guide bracket. If gauge does not pass throat, bracket has been compressed and shall be replaced.

5. Repeat [step 4](#) for opposite guide bracket.

6. Upon receipt of new brackets, check throat openings in accordance with [steps 2, 3, 4, and 5](#).

9-57. REPAIR AND REPLACEMENT.

9-58. REPAIR. Repair of individual components within any assembly is authorized only in accordance with procedures outlined in this manual. For all repairs, make necessary entries on appropriate form in accordance with OPNAVINST 4790.2 Series. Refer to [table 9-10](#) for available repair kits.

Table 9-10. Repair Kits

Component	Repair Kit P/N	
	Scott	Rocket Jet
Reducer	—	283803
Spacers Set	—	767901-90

9-59. Repair of Hinge Weld Cracks. To repair upper container hinge welds, proceed with either the Hinge Reinforcement Method (steps 1 or 2) or the Hinge Welding Method (step 3).

NOTE

Upper lid assemblies shall be considered beyond repair if crack extends past extrusion into fiberglass area or hinge is displaced from normal location in any way.

Illustrations shown in following procedures depict RSSK-8 manufactured by Scott. These basic procedures shall be used for RSSK-8s manufactured by Rocket Jet with slight alterations for configuration differences.

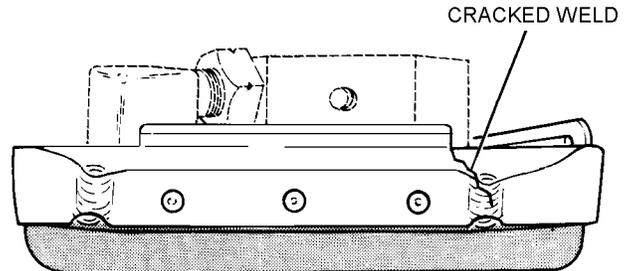
Illustrations shown in following procedures depict RSSK-8 lid assembly inverted for ease of oxygen component removal.

Materials Required (Reinforcement Method)

Quantity	Description	Reference Number
As Required	Rivets	MS20470AD3-6
As Required	Anodize (Type I, Grade B, Class 2)	MIL-C-5541A
As Required	Steel, Stainless Corrosion-resisting (18-8, Composition-G, Condition 1/4 Hard, 0.032 Thick)	MIL-S-5059
As Required	Weld Rod, 6061 Aluminum Alloy	—

1. Hinge Reinforcement Method (Right hinge weld).

a. Locate cracked weld and ensure repair is permissible before proceeding.

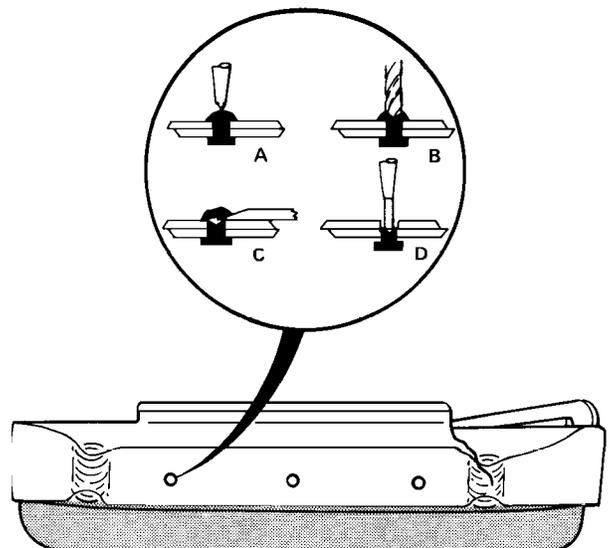


63-846

Step 1a - Para 9-59

b. Remove emergency oxygen U-tube assembly (6, figure 9-21; 13, figure 9-33).

c. Remove the three existing hinge rivets.

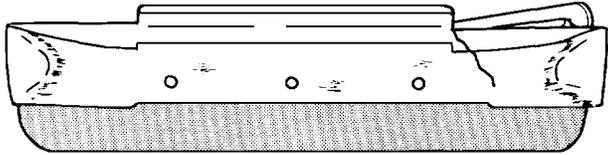


63-847

Step 1c - Para 9-59

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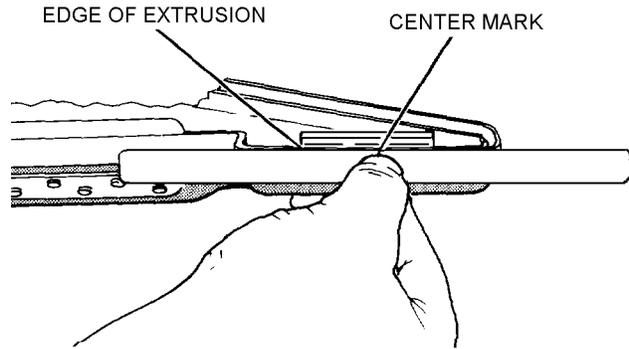
d. Machine the welded area as necessary; grinding is permissible. All grinding must be perpendicular to the weld bead. Blend weld to base metal and smooth with emery.



63-848

Step 1d - Para 9-59

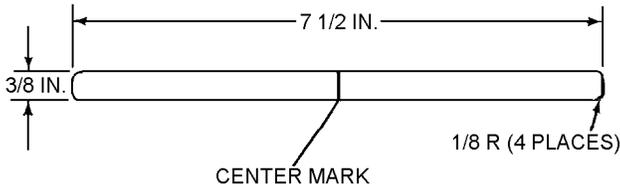
f. Locate and mark center of RSSK thigh support. Align stainless steel piece along edge of the extrusion. Place center mark of stainless steel piece over center mark of thigh support and mark three hole locations onto stainless steel piece.



63-850

Step 1f - Para 9-59

e. Cut a piece of stainless steel 7 1/2 inches long and 3/8 inch wide. Round edges to 1/8-inch radius. Locate center of stainless steel piece and mark.



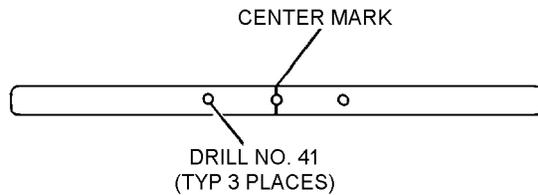
63-849

Step 1e - Para 9-59

NOTE

Ensure stainless steel piece is aligned horizontally along edge of extrusion before holes are marked for drilling.

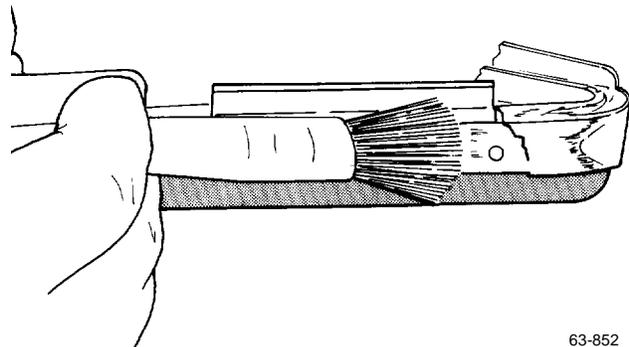
g. Center punch and drill, using No. 41 drill.



63-851

Step 1g - Para 9-59

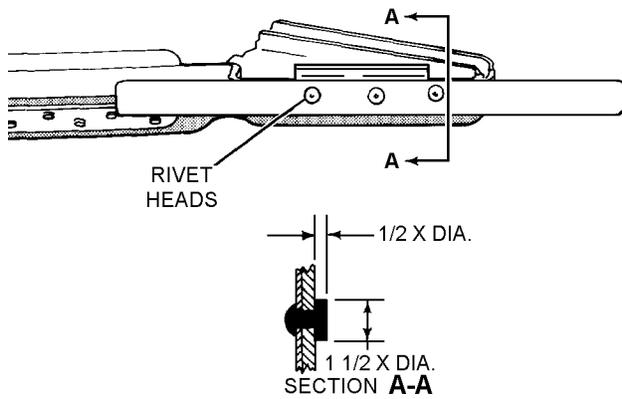
h. Anodize ground-down area on extrusion assembly.



63-852

Step 1h - Para 9-59

i. Rivet stainless steel reinforcement to extrusion assembly with heads of rivets facing outward.



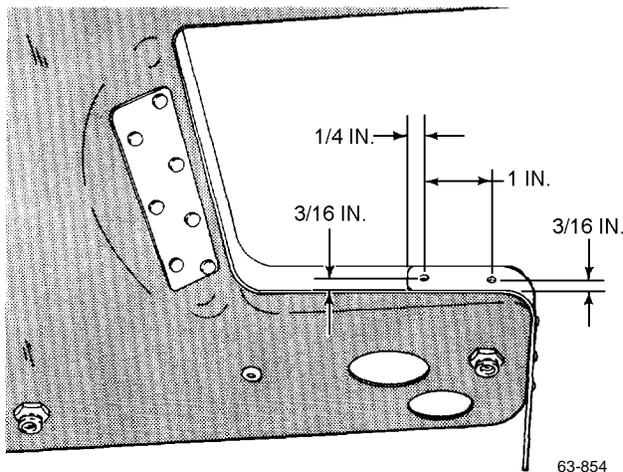
63-853

Step 1i - Para 9-59



Ensure drilled holes in side of extrusion do not enter lip; rivet in this area would cause obstruction and prevent container halves from mating properly.

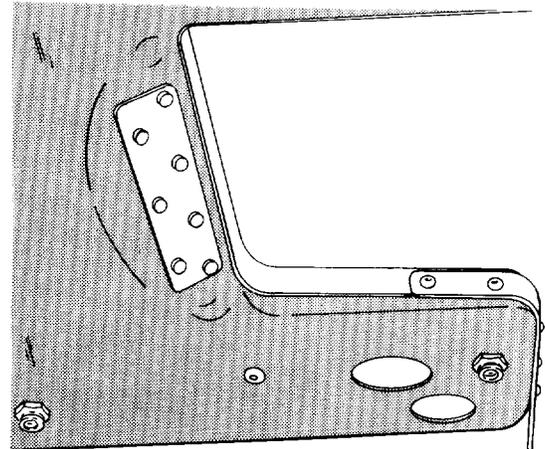
j. Bend left portion of stainless steel reinforcement around extrusion assembly. Mark, center punch, and drill two holes using No. 41 drill as shown.



63-854

Step 1j - Para 9-59

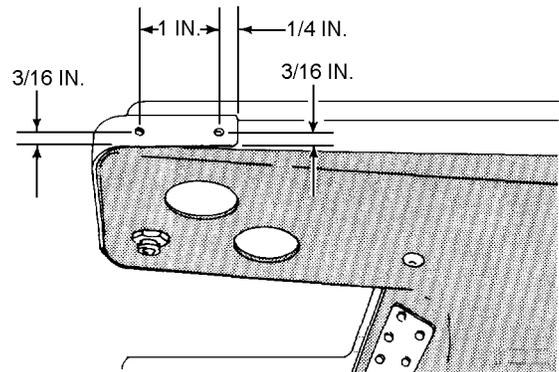
k. Rivet stainless steel reinforcement to extrusion assembly with heads of rivets facing outward.



63-855

Step 1k - Para 9-59

l. Bend the right portion of the stainless steel reinforcement around the extrusion assembly. Mark, center punch and drill two holes using a No. 41 drill as shown.

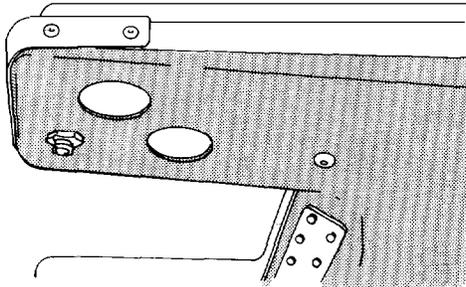


63-856

Step 1l - Para 9-59

NAVAIR 13-1-6.3-1

m. Rivet the stainless steel reinforcement to the extrusion assembly with the heads of rivets facing outward.



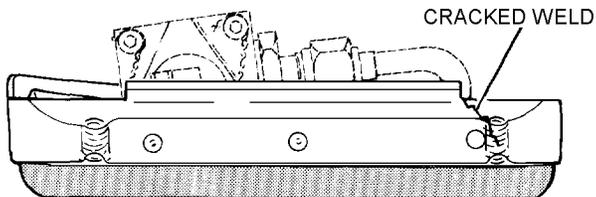
63-857

Step 1m - Para 9-59

n. Reassemble emergency oxygen U-tube assembly (6, [figure 9-21](#); 13, [figure 9-33](#)) to kit.

2. Hinge Reinforcement Method (Left hinge weld).

a. Locate cracked weld and ensure repair is permissible before proceeding.



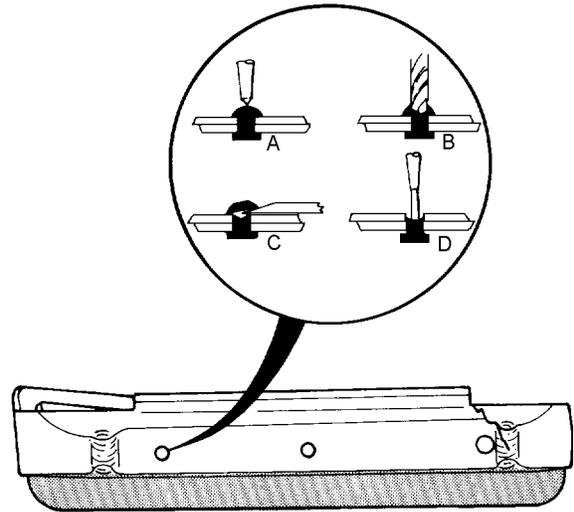
63-858

Step 2a - Para 9-59

b. Remove emergency oxygen U-tube assembly (6, [figure 9-21](#); 13, [figure 9-33](#)).

c. Remove emergency oxygen actuator assembly (2 or 4, [figure 9-21](#); 78, [figure 9-33](#)).

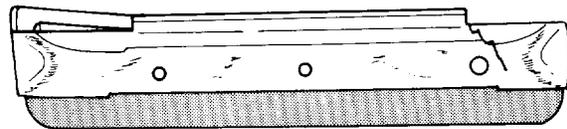
d. Remove the two existing hinge rivets.



63-859

Step 2d - Para 9-59

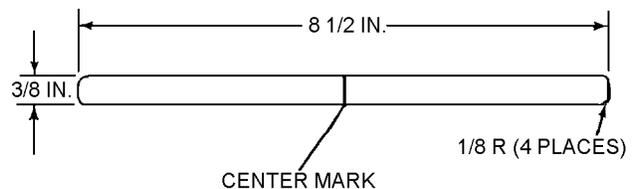
e. Machine the welded area as necessary; grinding is permissible. All grinding must be perpendicular to the weld bead. Blend weld to base metal and smooth with emery.



63-860

Step 2e - Para 9-59

f. Cut a piece of stainless steel 8 1/2 inches long and 3/8 inch wide. Round edges to 1/8-inch radius. Locate center of stainless steel piece and mark.



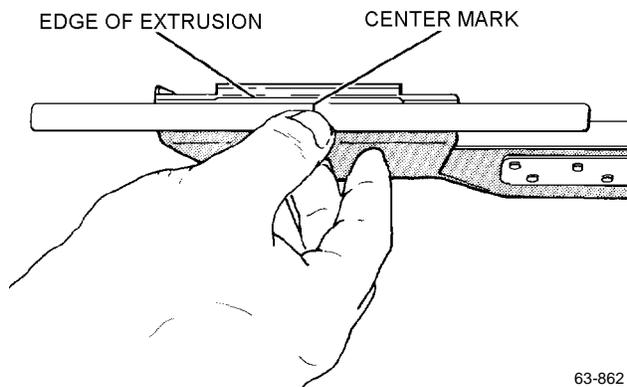
63-861

Step 2f - Para 9-59

NOTE

Ensure stainless steel piece is aligned horizontally along edge of extrusion before holes are marked for drilling.

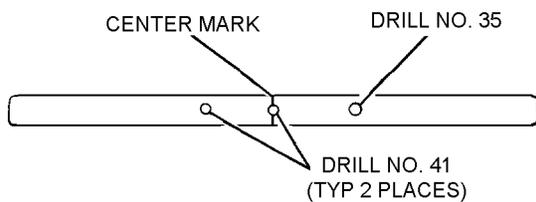
g. Align stainless steel piece along edge of extrusion. Place center mark over center of existing hole in extrusion and mark existing hole locations on stainless steel piece.



63-862

Step 2g - Para 9-59

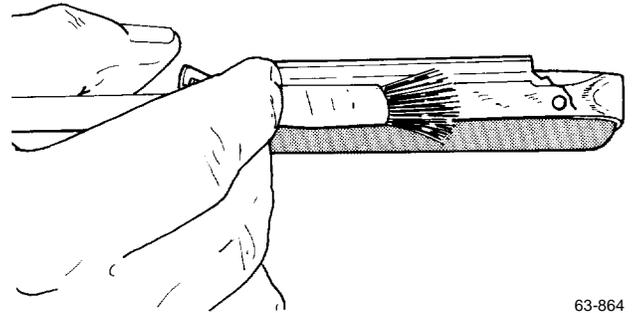
h. Center punch and drill two holes using a No. 41 drill and one hole using a No. 35 drill.



63-863

Step 2h - Para 9-59

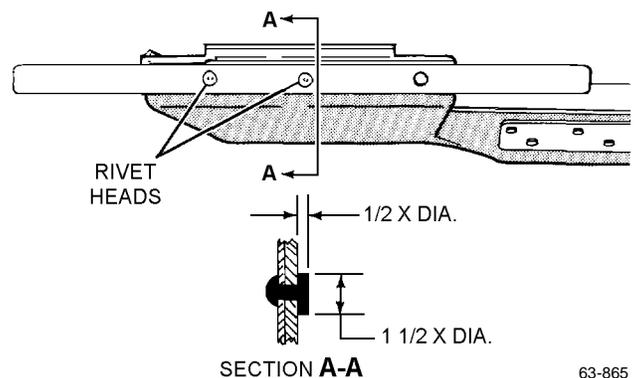
i. Anodize the ground-down area on the extrusion assembly.



63-864

Step 2i - Para 9-59

j. Rivet the stainless steel piece to the extrusion in two places with heads of rivets facing outward.



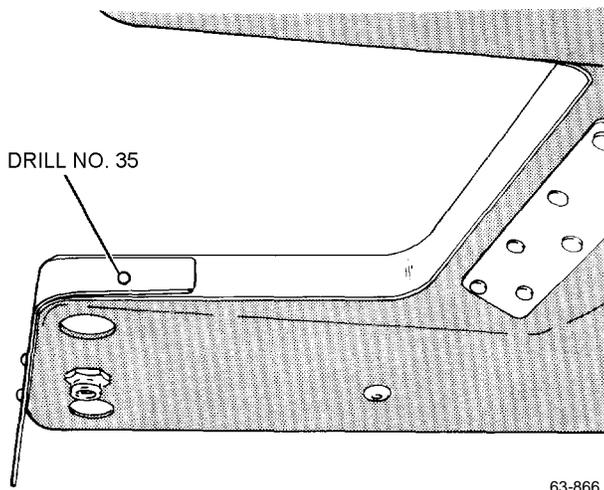
63-865

Step 2j - Para 9-59

CAUTION

Ensure drilled holes in sides of extrusion do not enter lip; a rivet in this area would cause an obstruction and prevent container halves from mating properly.

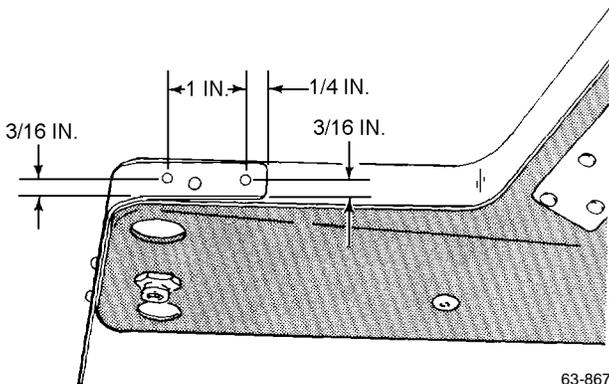
k. Bend the right portion of the stainless steel reinforcement around the extrusion assembly. Mark, center punch and drill hole for emergency oxygen actuator assembly using a No. 35 drill as shown.



63-866

Step 2k - Para 9-59

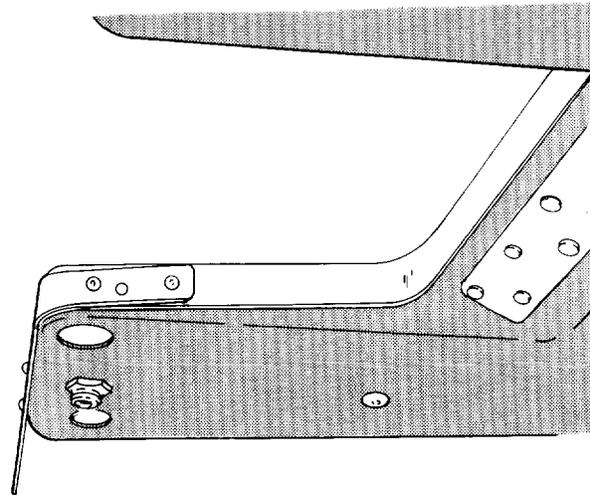
l. Mark, center punch and drill two holes using a No. 41 drill as shown.



63-867

Step 2l - Para 9-59

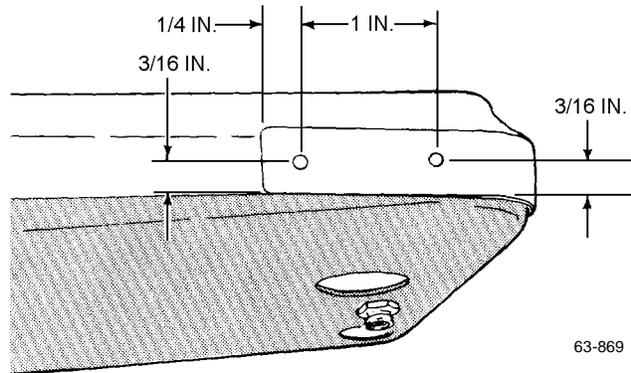
m. Rivet the stainless steel reinforcement to the extrusion assembly with the heads of rivets facing outward.



63-868

Step 2m - Para 9-59

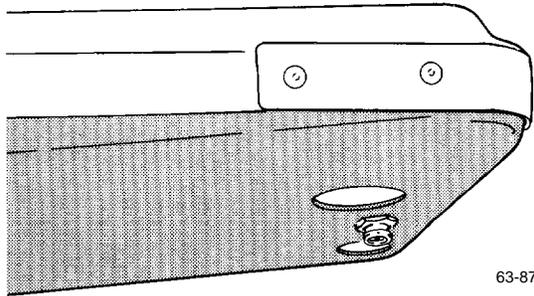
n. Bend the left portion of the stainless steel reinforcement around the extrusion assembly. Mark, center punch and drill two holes using a No. 41 drill as shown.



63-869

Step 2n - Para 9-59

o. Rivet the stainless steel reinforcement to the extrusion assembly with the heads of rivets facing outward.



63-870

Step 2o - Para 9-59

p. Reassemble emergency oxygen actuator assembly (2 or 4, figure 9-21; 78, figure 9-33) to kit.

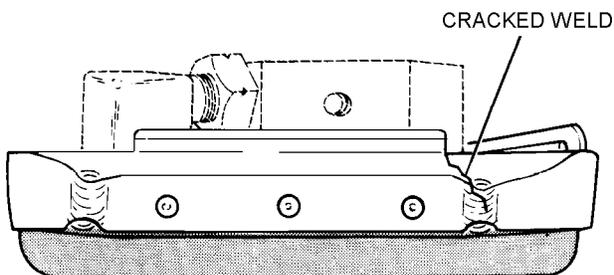
q. Reassemble emergency oxygen U-tube assembly (6, figure 9-21; 13, figure 9-33) to kit.

3. Hinge Welding Method.

NOTE

The following procedures pertain to either right or left hinge configurations.

a. Locate cracked weld and ensure repair is permissible before proceeding.

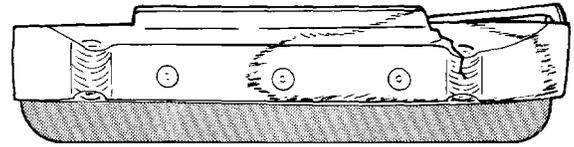


63-846

Step 3a - Para 9-59

b. Remove emergency oxygen U-tube assembly (6, figure 9-21; 13 figure 9-33).

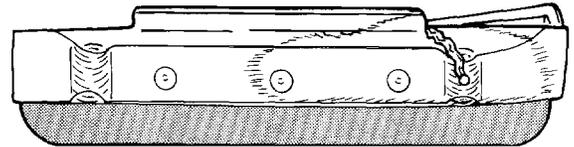
c. Mechanically remove all paint and chemical coating in the area of the cracked cast approximately 1/2 inches on each side.



63-872

Step 3c - Para 9-59

d. Stop-drill and rout out crack as necessary.



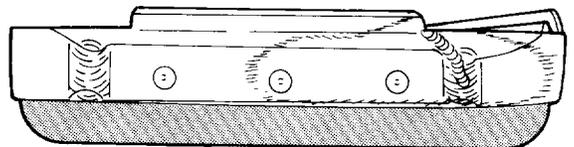
63-873

Step 3d - Para 9-59

NOTE

Take all necessary precautions to eliminate or minimize damage to the fiberglass material. Slight scorching of the fiberglass resin is permissible only on the inside of the container. Scorching shall be held to minimum by protecting the fiberglass during the welding process. Any distortion and damage which goes through the outer resin coating into the fiberglass cloth itself is not acceptable.

e. Weld in accordance with MIL-W-8604 (AER) using the inert gun, shielded-arc process with as low heat as practicable and 6061 aluminum alloy welding rod.



63-874

Step 3e - Para 9-59

NOTE

Remove all weld metal that would interfere with proper fit-up.

f. Inspect the weld repair for soundness, visually and by the penetrant method. Reject parts that fail the inspection criteria.

NAVAIR 13-1-6.3-1

g. Retouch paint as necessary.

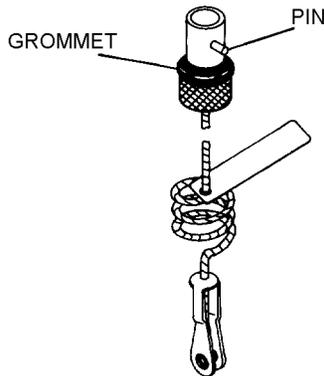
h. Reassemble emergency oxygen U-tube assembly (6, figure 9-21; 13, figure 9-33) (tki)

9-60. Repair of Emergency Oxygen Lanyard Coupling. To repair an emergency oxygen lanyard coupling assembly which contains a loose, broken, or missing spring proceed as follows.

Support Equipment Required

Quantity	Description	Reference Number
1	Grommet	KS 88600-8 (CAGE 09344)

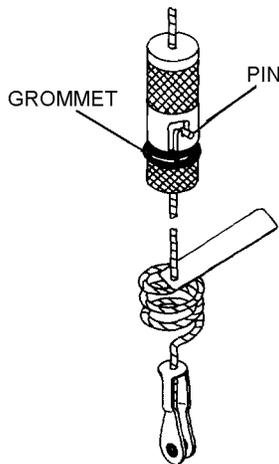
1. Slide grommet over pin and position as shown.



63-503

Step 1 - Para 9-60

2. Connect coupling assembly.



63-504

Step 2 - Para 9-60

9-61. Repair of Cushion Assembly. Repair of the cushion assembly is limited to sewing loose or open seams, broken stitches, and small rips and tears.

9-62. Repair/Replacement of Oxygen Gage Window.

Materials Required

Quantity	Description	Reference Number
1	Window, Observation	308411 NIIN 00-059-6401
As Required	Adhesive, Cyanoacrylate	MIL-A-46050 NIIN 00-142-9193
	or	
	Adhesive, Cellulose Nitrate	MIL-A-388A P/N A-A-529 NIIN 00-270-8150

1. Ensure both surfaces to be bonded are clean and dry.

WARNING

Avoid adhesive contact with skin and eyes.

2. Apply small amount of adhesive around edge of window opening in lid assembly and on rim of window.

3. Bond both surfaces together and hold until adhesive is set.

NOTE

Cure time for adhesive MIL-A-46050 is one hour after parts are mated together

Cure time for adhesive A-A-529 is 24 hours after parts are mated.

9-63. REPLACEMENT. All individual parts that fail to pass inspection shall be replaced except where repair procedure is indicated. Refer to source code listing (SM&R Code) in Number Call Index of the Illustrated Parts Breakdown to aid in determining replaceable components. All adjustable components or assemblies that failed to pass respective tests shall be adjusted to meet required specifications.

9-64. (East/West) Replacement of Lapbelt Adjuster. To replace missing or damaged lapbelt adjuster on the restraint harness, proceed as follows:

Materials Required

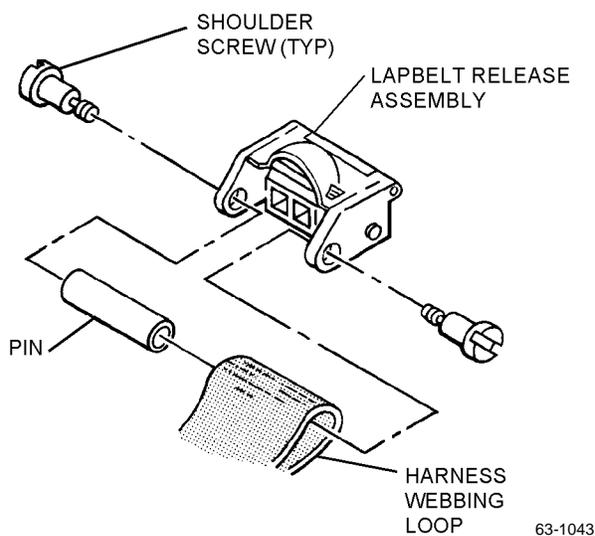
Quantity	Description	Reference Number
As Required	Adjuster, Lapbelt	184C100-1 (CAGE 30941)
As Required	Sealing, Locking, and Retaining Compound Grade A	MIL-S-22473 NIIN 00-952-2205

NOTE

Replacement procedures can be used on both right and left side restraint harness assemblies.

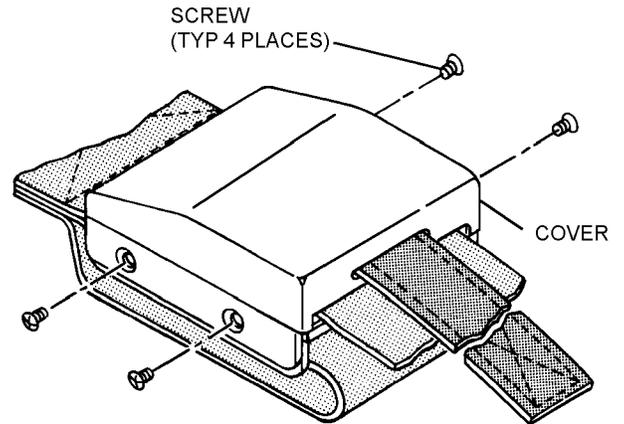
1. Remove existing lapbelt adjuster from restraint harness as follows:

a. Remove lapbelt release assembly by removing two shoulder screws. Pull release assembly away from webbing, and slide pin out of harness webbing loop. Retain all parts.



Step 1a - Para 9-64

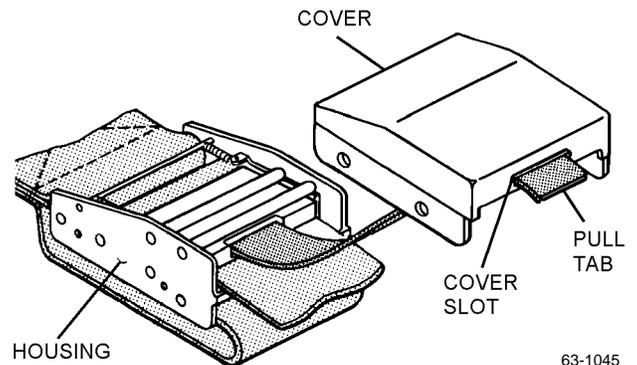
b. Remove four screws (two on each side) from cover of lapbelt adjuster assembly.



63-1044

Step 1b - Para 9-64

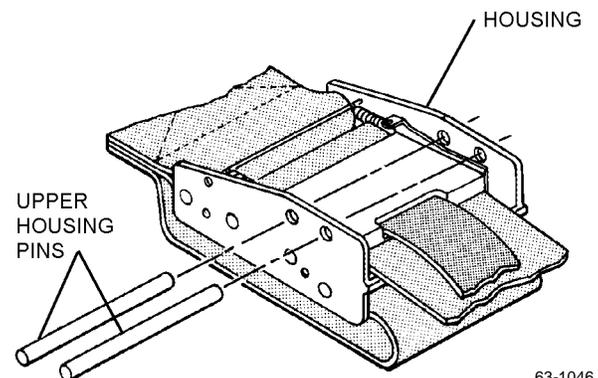
c. Remove cover from lapbelt adjuster housing, and slide pull tab through cover slot.



63-1045

Step 1c - Para 9-64

d. Slide upper housing pins out of housing.



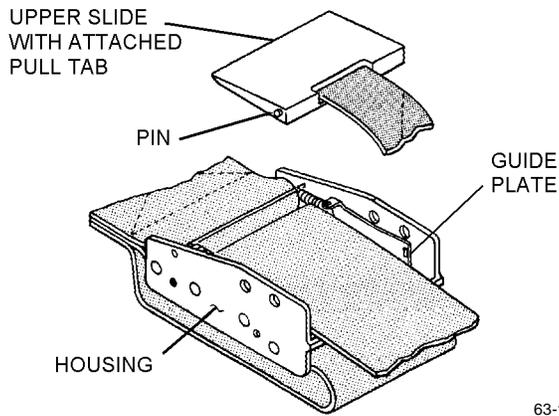
63-1046

Step 1d - Para 9-64

NOTE

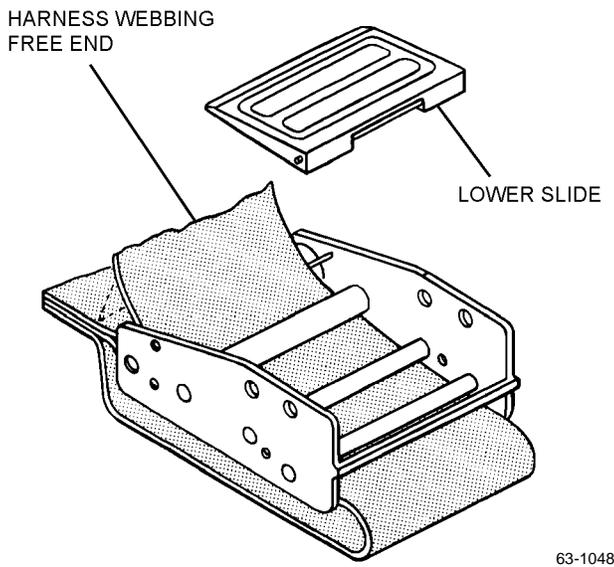
Sliders are held to guide plates by pins. Pull slide up so guide plates are above edge of housing, and rotate slide out of guide plates.

e. Remove upper slide with attached pull tab.



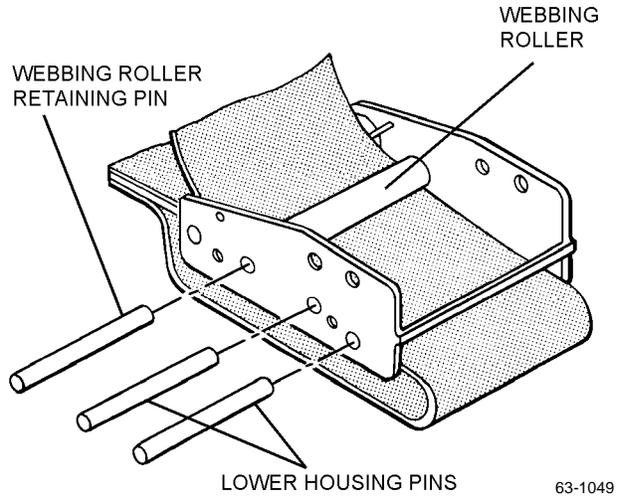
Step 1e - Para 9-64

f. Lift free end of harness webbing, and remove lower slide.



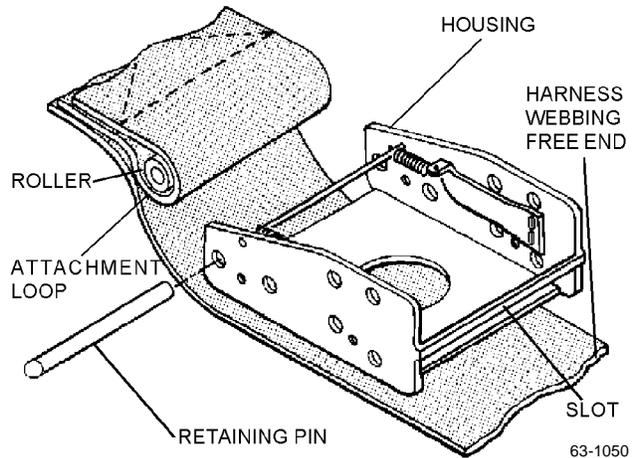
Step 1f - Para 9-64

g. Position guide plates up and out of way. Remove two lower housing pins and webbing roller retaining pin. Webbing roller will fall away.



Step 1g - Para 9-64

h. Pull free end of harness webbing through slot in housing. Remove pin retaining harness webbing attachment loop roller. Housing will fall away.



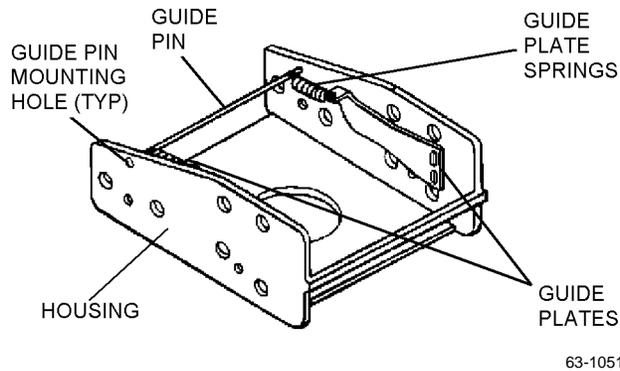
Step 1h - Para 9-64

2. Install new lap belt adjuster as follows:

NOTE

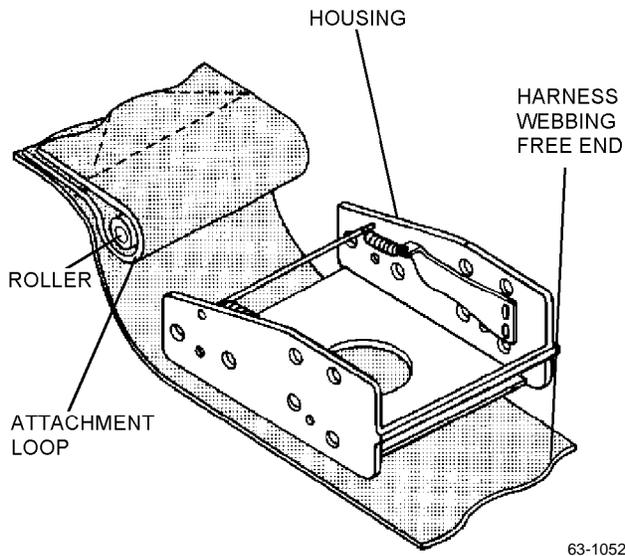
The six pins (two retaining and four housing) are interchangeable. The two rollers are interchangeable.

a. If required, slide guide plate springs onto guide pin; ensure guide plates are positioned correctly. Install assembly into adjuster housing guide pin mounting holes.



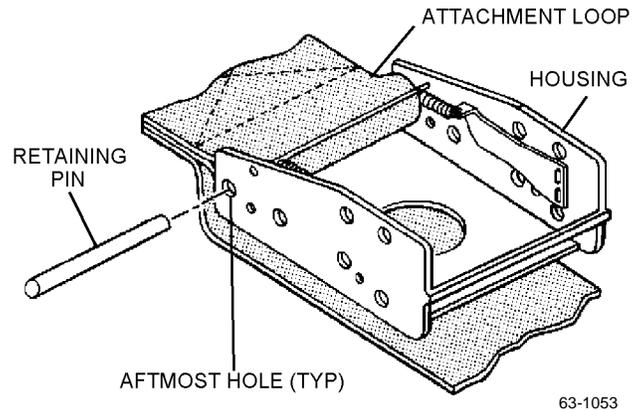
Step 2a - Para 9-64

b. Insert roller into attachment loop of harness webbing. Place adjuster housing on top of free end of harness webbing so that aft end of housing faces attachment loop.



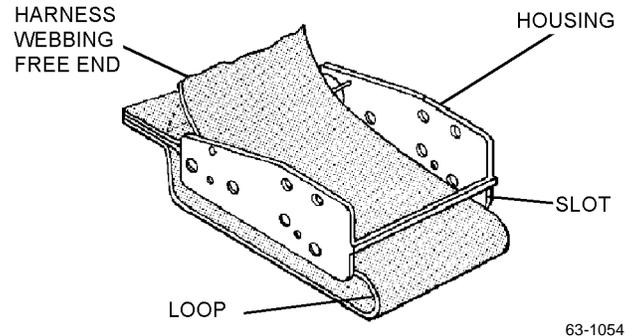
Step 2b - Para 9-64

c. Position housing onto attachment loop and roller. Align hole through roller with aftmost holes in housing, and install retaining pin.



Step 2c - Para 9-64

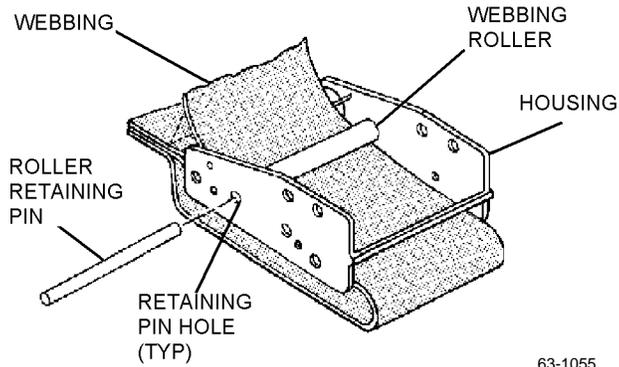
d. Fold free end of webbing back towards housing, and insert end through slot in housing to form loop in webbing forward of adjuster. Guide plates may be positioned up and back to avoid any interference.



Step 2d - Para 9-64

NAVAIR 13-1-6.3-1

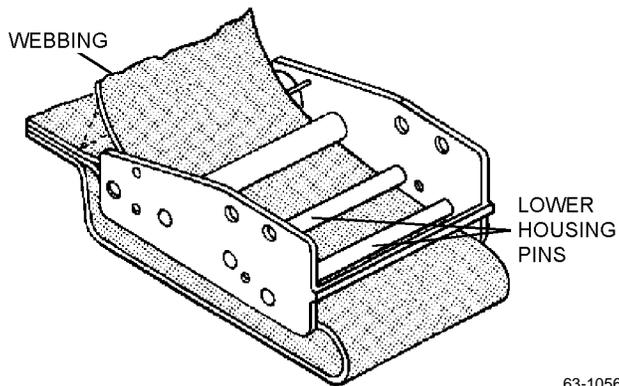
e. Install webbing roller into housing on top of webbing. Position roller to align with proper holes in housing, and insert roller retaining pin.



63-1055

Step 2e - Para 9-64

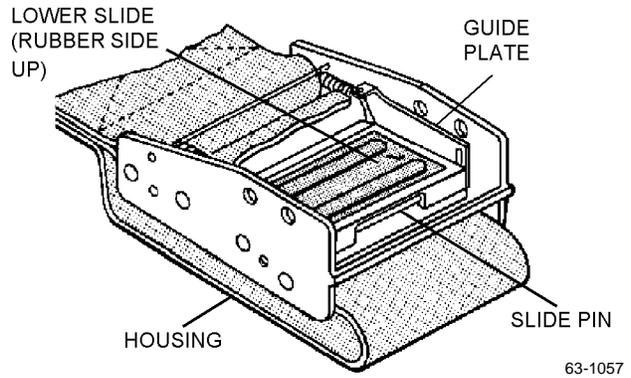
f. Insert lower housing pins; ensure pins are resting on top of webbing.



63-1056

Step 2f - Para 9-64

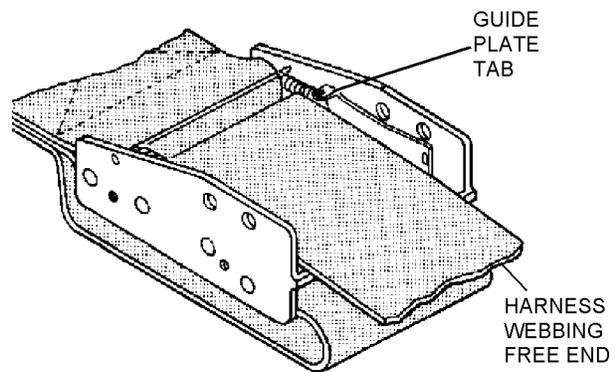
g. Position guide plates into housing on top of lower housing pins, and install lower slide rubber side up. Ensure slide pin is correctly positioned into lower slots of guide plates.



63-1057

Step 2g - Para 9-64

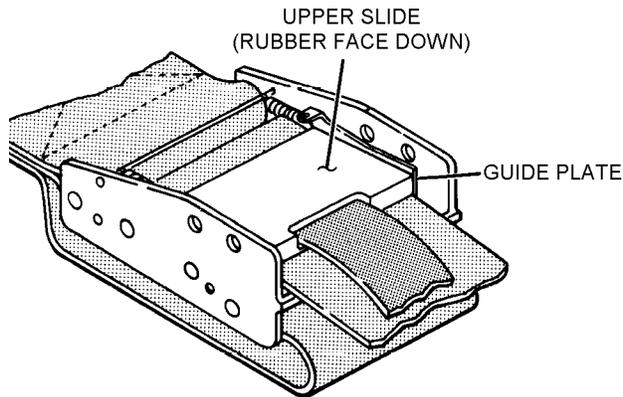
h. Position harness webbing free end under tabs of guide plates, and lay webbing down over lower slide.



63-1058

Step 2h - Para 9-64

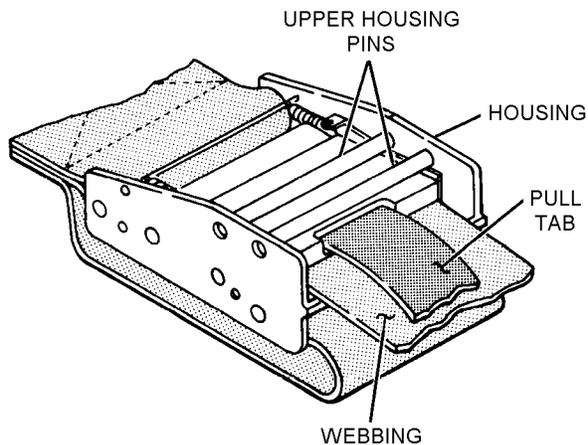
i. Install upper slide, rubber face down, ensuring lower slide does not come out of place. Ensure slide pins sit securely in slots of guide plates.



63-1059

Step 2i - Para 9-64

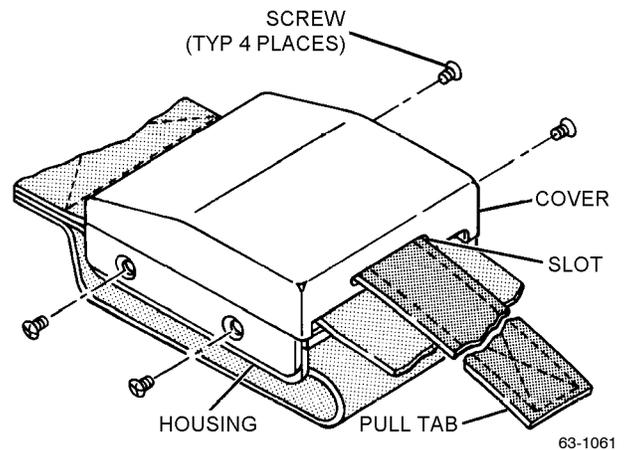
j. Install upper housing pins. Ensure slides operate correctly; pull on pull tab to check simultaneous movement of slides. Webbing shall slide with ease through adjuster in either direction.



63-1060

Step 2j - Para 9-64

k. Insert pull tab from inside out, through slot in cover. Place cover on housing, and align four screw holes. Apply sealing compound to threads of four screws, and secure cover to housing.



63-1061

Step 2k - Para 9-64

3. Apply sealing compound to threads of two shoulder screws, and install lapbelt release assembly removed in [step 1a](#).

4. Make necessary entries on appropriate form in accordance with OPNAVINST 4790.2 Series.

9-65. Deleted.

9-66. ASSEMBLY.

NOTE

The tamper dot on the Oxygen Hose Assembly shall be applied to the fitting in a manner which provides easy identification for inspection purposes when the seat kit is installed in the seat.

9-67. Assemble using index numbers of figure 9-18 through 9-35 as reference. Note and follow instructions enclosed in parentheses in description column. Lubricate the threads (57, figure 9-21) with molykote X106 and lubricate separating type manual oxygen release connections with Type III MIL-G-27617. Apply Grade C or CV sealing compound to approximately 50% of the threads of all applicable parts indicated in the Illustrated Parts Breakdown. Prior to applying sealing compound, clean contaminants from threads using cloth moistened with water. Refer to Appendix B and ensure all nuts and fittings are properly torqued. Torque value for the inlet tubing connector on oxygen hose assembly shall be 80 to 100 in-lb. Torque value for the outlet tubing connector on oxygen hose assembly shall be 100 to 125 in-lb. After all nuts and fillings have been properly torqued, apply tamper dots to all oxygen fittings shown on figures 9-18 through 9-35. Use lacquer MIL-L-7178, Fed. Std. 595. Use any contrasting color when applying tamper dots to oxygen fittings.

Materials Required

Quantity	Description	Reference Number
As Required	Sealing Compound, Grade E/EV	MIL-S-22473
As Required	Sealing Compound, Grade C/CV	MIL-S-22473
As Required	Lacquer	MIL-L-7178 Fed. Std. 595
As Required	Lockwire	MS20995C32
As Required	Leak Detection Compound, Type I	MIL-L-25567
As Required	Lockwire	MS33540
As Required	Tape	MIL-T-27730
As Required	Cleaning Compound, Type II	MIL-C-81302
As Required	Krytox 240AC, Type III	MIL-G-27617 NIIN 00-961-8995
As Required	Bonding Agent	R-313

Support Equipment Required

Quantity	Description	Reference Number
1	Wrench (1)	26251-1-T91-1 (CAGE 53655)
1	Wrench (2)	21051T89-1 (CAGE 53655)
1	Wrench (3)	21051-5-T52-1 (CAGE 53655)

WARNING

Before use, inspect leak detection compound. Compound which is not clear and free from suspended material/sediment is considered contaminated and shall be disposed of. Compound exhibiting peculiar odors, such as acetone or alcohol, is considered contaminated and shall be disposed of.

9-68. REDUCER/MANIFOLD AND TUBE ASSEMBLY. Special instructions are as follows:

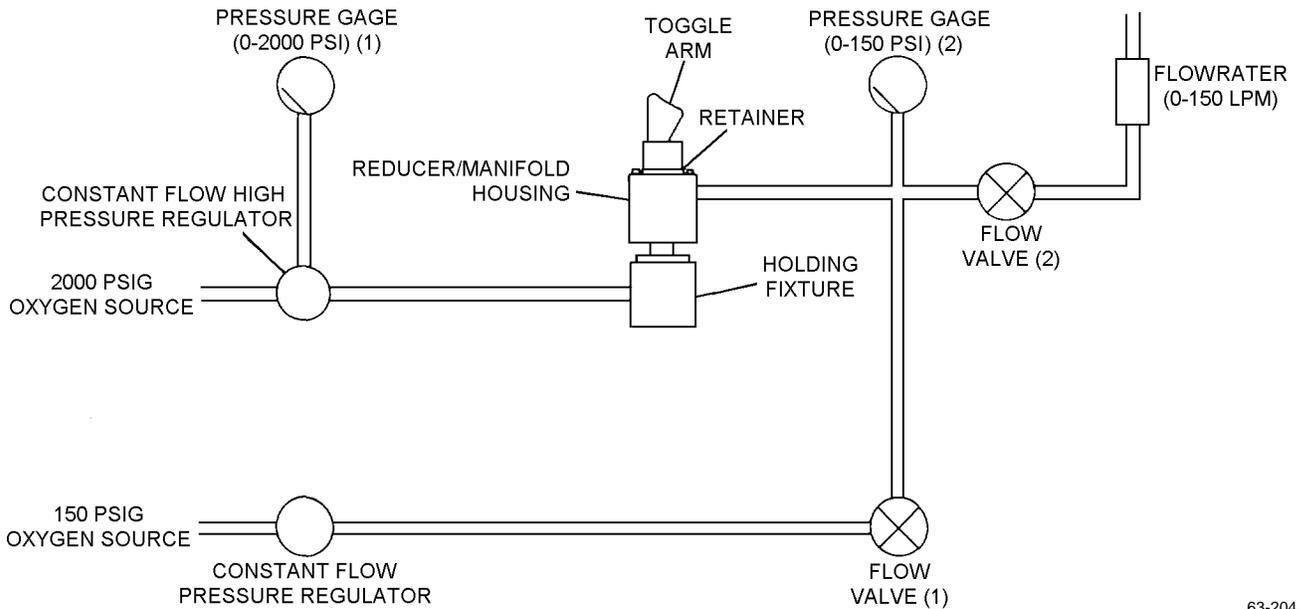
1. Do not assemble toggle arm assembly until partial testing is complete.
2. (Scott Only, [figure 9-35](#)) Install levers (21) in guide (23) with pins (22). Install seat (24) in guide (23) and thread assembly into body (32) with wrench (1).

3. (Scott Only, [figure 9-35](#)) Place plate (13), spring (12), spacer (11), and retainer (10) on pin (14), and thread retainer into sleeve (15) with wrench (2).

WARNING

To prevent possibility of injury, always conduct test while protected by shatter-proof shield of transparent material.

4. Establish test set-up shown in [figure 9-9](#) and connect high pressure and low pressure oxygen sources.
5. Install reducer in holding fixture P/N 68T767000-1. Ensure that reducer is fully screwed into holding fixture.
6. Close low pressure regulator and flow valve (1).
7. Close flow valve (2); open and adjust high pressure regulator until pressure gage (1) indicates source pressure of 250 psi.



63-204

Figure 9-9. Reducer, Manifold and Tube Assembly Test

NAVAIR 13-1-6.3-1

8. Adjust retainer until pressure gage (2) indicates 64 psi.

NOTE

Throughout following steps, reducer output pressure readings within tolerance of 45 to 80 psi will normally be obtained when low-source pressures are used. However, where high pressures and/or flow are involved, output pressure may not fall within 45 to 80 psi range. In these cases, spring in retainer should be replaced and previous steps repeated. Ensure that test source pressure is reduced to zero and test source pressure is removed via flow valve (2) before spring replacement is attempted.

9. Open and adjust flow valve (2) until flowrater indicates 20 LPM, while maintaining inlet pressure of 250 psi. Check that pressure gage (2) indicates 45 to 80 psi; if pressure is outside tolerance, adjust retainer until requirement is obtained.

10. Apply leak test compound around retainer, flange and housing at top of reducer/manifold and check for evidence of leakage. If leakage exists, check that screws securing flange to housing are tight. If leak persists, shut off high pressure oxygen source, bleed system via flow valve (2) and replace diaphragm. Repeat [steps 4 through 6](#), inclusive.

11. Adjust flow valve (2) until flowrater indicates 90 LPM. Check that pressure gage (2) indicates 45 to 80 psi.

12. Increase source pressure until pressure gage (1) indicates 1800 psi. With 90 LPM flow, check that pressure gage (2) indicates 45 to 80 psi. Close flow valve (2) and reduce source pressure to 250 psi.

13. Complete assembly of reducer by assembling toggle arm assembly. On Scott Kits, use wrench (3) to start pin into toggle arm.

14. Using spring scale, actuate reducer toggle arm (pull force shall be applied 90 degrees to toggle arm); pull force to operate toggle arm shall be approximately 16 pounds; pressure gage (2) shall indicate 45 to 80 psi. Reset toggle arm.

NOTE

If pull force of 16 pounds is not obtained, adjust orientation of belleville spring(s) and add or remove spacer(s) until condition is obtained. Removing spacers decreases actuation force; adding spacers increases the force.

15. Increase source pressure to 1800 psig and actuate reducer/manifold toggle arm. Pressure gage (2) shall indicate 45 to 80 psi. Reset reducer toggle arm; open and close flow valve (2) to bleed pressure from system. Repeat procedure between 5 and 10 times.

16. Allow 2-minute wait and check that pressure gage (2) indicates zero. A pressure reading is an indication that an internal leak exists.

17. Eliminate leak by first adding spacer(s) beneath toggle arm. If leak persists, shut off high pressure oxygen source, bleed system and replace internal components behind flange of toggle arm (Rocket Jet) or behind sleeve (Scott).

18. Reduce source pressure reducer to 250 psig and close flow valve (2). Actuate reducer toggle arm and check that pressure gage (2) indicates 45 to 80 psi.

19. Reset reducer toggle arm; open and close flow valve (2) to bleed pressure. Allow 2-minute wait and check that pressure gage (2) indicates zero.

20. With source pressure of 250 psig, open and adjust flow valve (2) until flowrater indicates 20 LPM; pressure gage (2) should indicate 45 to 80 psi. Repeat procedure with flows of between 40 LPM and 90 LPM in 20 LPM increments; pressure gage (2) shall indicate 45 to 80 psi throughout.

21. Repeat [step 18](#) with source pressure of 500 psig, 1000 psig and 1800 psig and flow rate of between 20 LPM and 90 LPM in 20 LPM increments at each pressure; pressure gage (2) shall indicate 45 to 80 psi throughout. Reset reducer toggle arm to off position.

22. Close flow valve (2) and maintain 1800 psig source pressure; open flow valve (1) and open and adjust constant flow pressure regulator until pressure gage (2) indicates 100 psi.

23. Close both pressure regulators and open flow valve (2) to relieve pressure.

24. Remove oxygen sources; then remove reducer from fixture.

9-69. ADJUSTMENT.

9-70. ADJUSTMENT OF LOCK ASSEMBLIES. If locks fail to release simultaneously, adjust as follows:

Materials Required

Quantity	Description	Reference Number
As Required	Lacquer, Fed. Std. 595	MIL-L-7178

1. Close the RSSK-8. Ensure the upper and lower containers are properly mated and the release handle is full down and in the locked position.

2. Visually check for full lid latch engagement with lid lock slides by observing through the inspection slots in lower container (figure 9-10).

NOTE

If lock slide adjustment is necessary, perform steps 6a thru 6c.

3. Slowly pull the release handle and check for simultaneous disengagement of lid latches from lock slides.

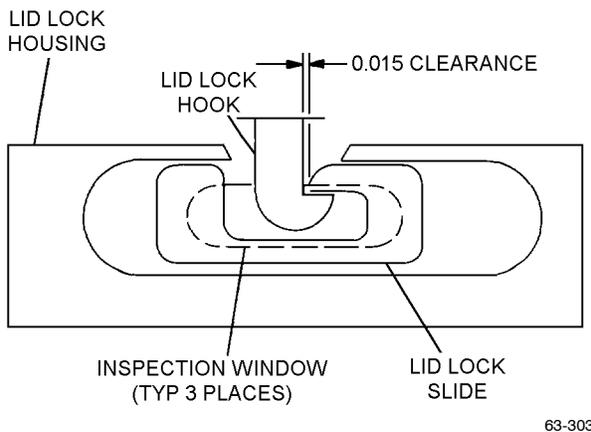


Figure 9-10. Lock Slide and Lid Latch Engagement

4. Remove release handle from multirelease assembly and lift upper container off lower container.

5. Visually inspect lock assemblies for full retraction of lid lock slides.

NOTE

If lock slide adjustment is necessary, perform steps 6a through 6c.

6. To adjust the lock slide engagement, proceed as follows:

a. To decrease lock slide engagement, loosen the locknut at the lock assembly and back the adjusting nut away from the lock assembly the desired amount (figure 9-11).

b. To increase lock slide engagement, loosen the locknut at the lock assembly and turn the adjusting nut towards the lock assembly (figure 9-11).

c. When desired engagement and/or timing is achieved, tighten locknut against adjusting nut.

7. Insert two foam rubber blocks or a folded LR-1 liferaft with survival equipment into lower container.

NOTE

Foam rubber blocks shall be of sufficient height to exert outward pressure when squeezed, thus ensuring that the RSSK-8 upper and lower containers separate on release handle actuation.

8. Repeat steps 1 and 2.

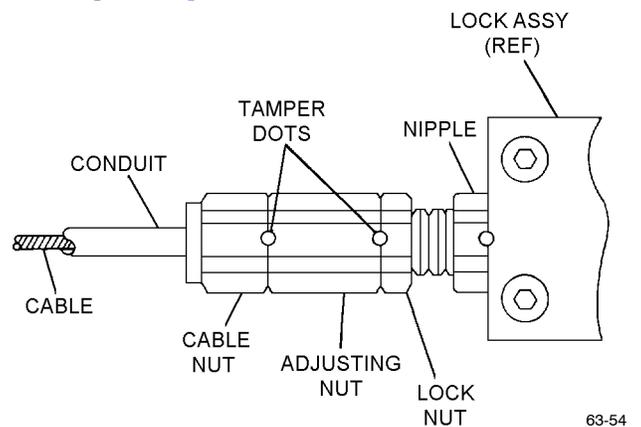
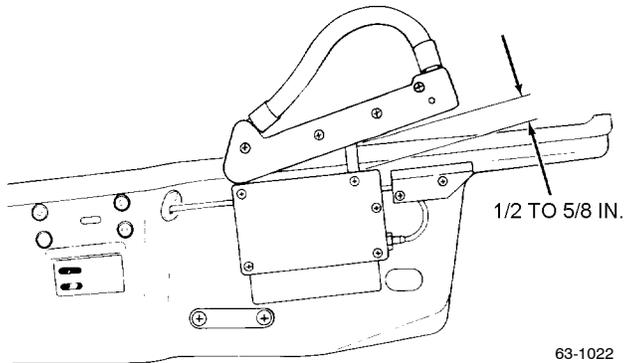


Figure 9-11. Lock Slide Adjustment

NAVAIR 13-1-6.3-1

9. Slowly pull the release handle to a point where simultaneous disengagement of lid latches from lock slides is achieved. Stop further travel of release handle at this point. Using a scale, measure the separation of handle to multi-release housing along the geometric centerline of the actuator link. All lid latches shall disengage and upper and lower containers shall separate when release handle separation is 1/2 to 5/8 inch.



Step 9 - Para 9-70

10. If lock slide adjustment is necessary, perform steps 6a through 6c.

11. Open the RSSK-8. Ensure all release system hardware is properly tightened.

12. Apply tamper dots on locknuts and adjusting nuts (figure 9-11). Use any contrasting color when applying tamper dots to locknuts and adjusting nuts.

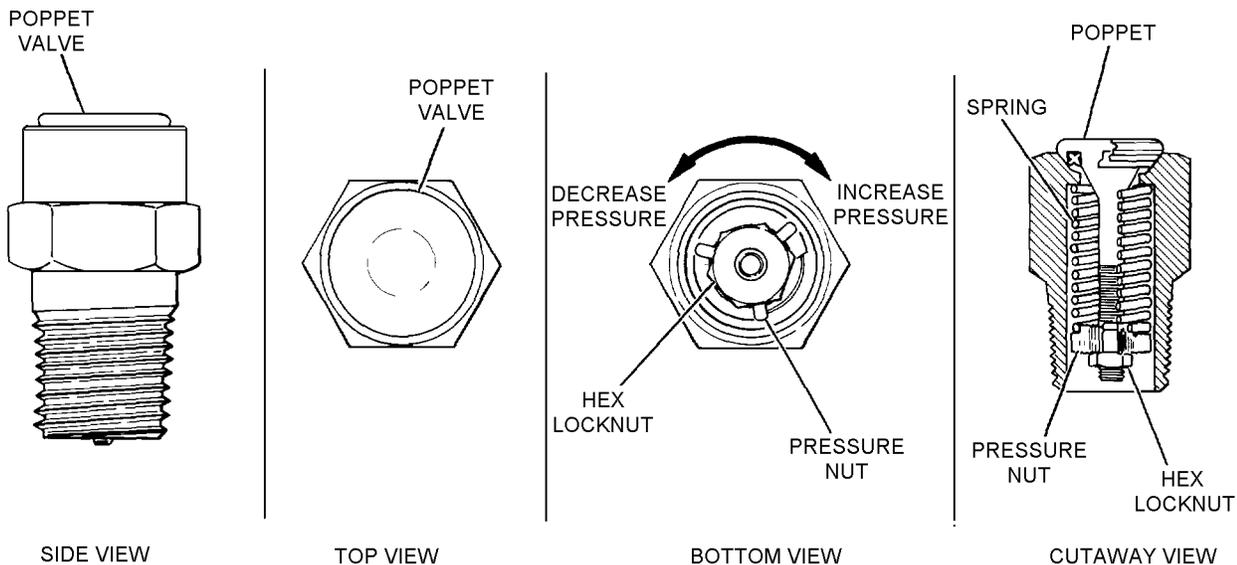


Figure 9-12. Relief Valve (Typical)

13. Apply clear tape around adjusting nuts and locknuts, ensuring tamper dots are covered.

14. Apply clear tape to the inspection slots of the lower container.

9-71. ADJUSTMENT OF OXYGEN RELIEF VALVE PRESSURE. To adjust the RSSK-8 oxygen relief valve, proceed as follows:

1. Perform functional check in accordance with paragraph 9-41, steps 10, 11, 12 and 13.

2. If relief valve does not unseat between 120 to 140 psi, reduce pressure to zero and remove relief valve. See figure 9-21 index item 29 for Rocket Jet Kit and figure 9-33 index item 34 for Scott Kit.

3. Loosen hex locknut (figure 9-12) using the relief valve adjustment tool, (paragraph 9-83).

NOTE

Turn in incremental adjustments of 1/2 ± 1/4.

4. Adjust valve unseating pressure, using relief valve adjustment tool, by turning the three prong pressure nut clockwise to increase relief valve pressure and counterclockwise to decrease (figure 9-12).

5. Tighten hex locknut.

6. Install relief valve and re-check pressures.

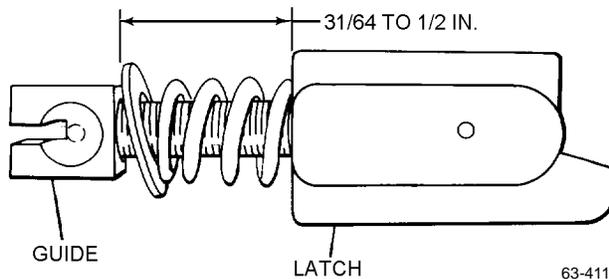
9-72. ADJUSTMENT OF RELEASE HANDLE ASSEMBLY. To adjust the release handle assembly, proceed as follows:

NOTE

Latch mechanism depicted below is a Scott assembly; however, adjustment procedures for Rocket Jet and Scott Assemblies are identical.

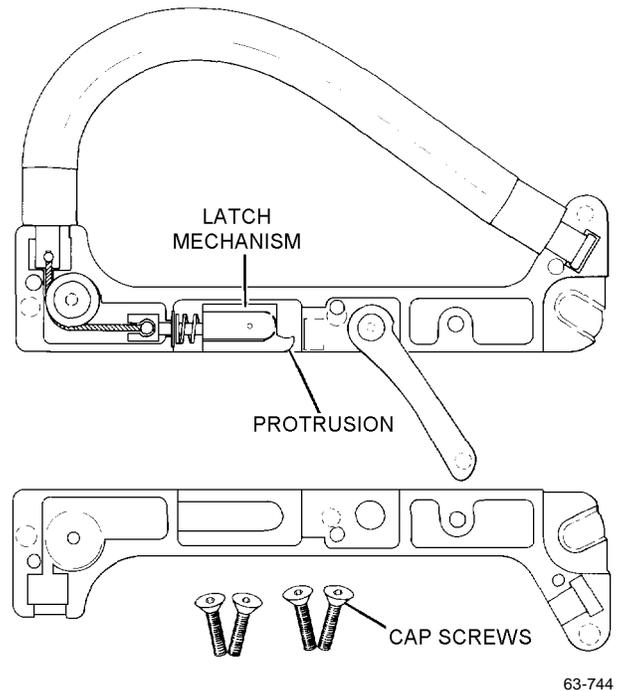
1. Disassemble release handle assembly and remove latch, spring, washer and guide.

2. Adjust position of latch on threaded shaft of guide so that forward face of latch is located between $31/64$ to $1/2$ -inch from aft face of guide head.



Step 2 - Para 9-72

3. Assemble handle assembly ensuring that protrusion on latch mechanism is oriented as shown.



Step 3 - Para 9-72

4. Apply tension to handle and ensure that latch recedes smoothly and returns to extended position when tension is relieved.

5. Rotate link assembly in handle and ensure that it pivots freely.

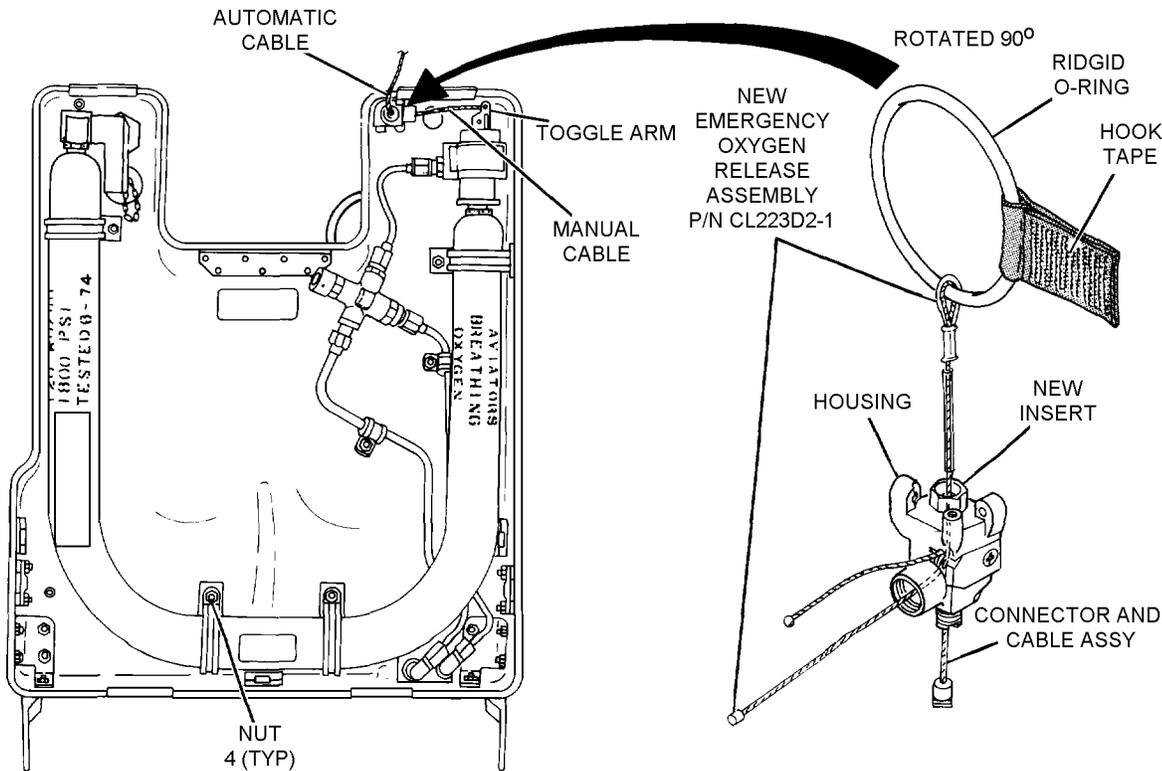
9-73. (SCOTT) ADJUSTMENT OF EMERGENCY OXYGEN ACTUATOR CABLES. To adjust the cables proceed as follows:

1. To adjust the automatic cable, loosen four screws and nuts which hold the oxygen cylinder to the lid (figure 9-13).

2. Position oxygen cylinder so that minimum slack exists in automatic cable and toggle arm is not under cable tension.

3. To adjust manual cable, loosen insert so that minimum slack exists in manual cable and toggle arm is not under cable tension.

4. Alternately operate emergency oxygen actuator via automatic lanyard and manual release. Check that automatic lanyard separates and toggle arm is pulled into actuated position by cables.



63-750

Figure 9-13. Adjustment of Actuator

9-74. (ROCKET JET) ADJUSTMENT OF EMERGENCY OXYGEN ACTUATOR CABLES (figure 9-24 and 9-25). To adjust the actuator cables, proceed as follows:

1. Position upper adjuster (10, figure 9-24; 4, figure 9-25) within housing (12, figure 9-24; 15, figure 9-25) so that adjuster protrudes 10/64 to 1/32 above top of housing at the nut (11, figure 9-24; 3, figure 9-25) has been tightened.
2. Position lower adjuster (10, figure 9-24; 5, figure 9-25) within housing so that minimum slack exists in lower actuator release cable (5, figure 9-24; 12, figure 9-25). Ensure the fit is sufficient slack in cable so that toggle arm (CAM) (4, figure 9-23) is not under cable tension.
3. Ensure that lower actuator release link (4, figure 9-24; 11, figure 9-25) is engaged with link (16,

figure 9-25), inside lower adjuster (10, figure 9-24; 5, figure 9-25).

4. Stake puller release pin (9, figure 9-24; 6, figure 9-25) in position.

5. Alternately operate emergency oxygen actuator via automatic and manual release (1, figure 9-21) and manual release (1, figure 9-25). Check that link (4, figure 9-24; 11, figure 9-25) withdraws from respective adjuster and toggle arm is pulled into actuated position by cables.

NOTE

On those kits having separate manual releases, check that link (8, figure 9-25) withdraws from respective adjuster and toggle arm is pulled into actuated position by cables.

Section 9-7. Fabrication

9-75. GENERAL.

9-76. This section contains instructions for fabrication of tools and components that can be manufactured by local maintenance activities.

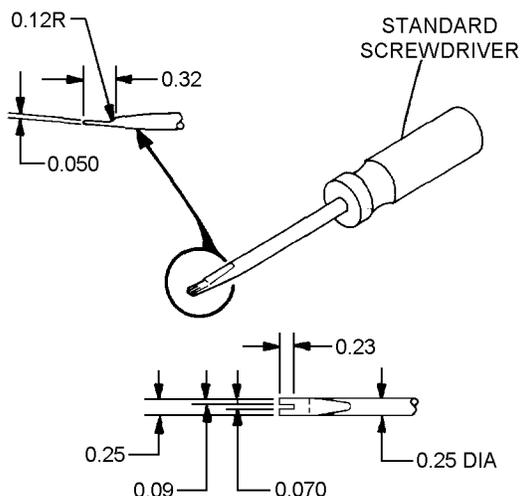
9-77. TOGGLE RESET TOOL. To fabricate a toggle reset tool, proceed as follows:

1. Modify a standard slot screwdriver in accordance with [figure 9-14](#).

9-78. DROPLINE. To fabricate a dropline, proceed as follows:

Materials Required		
Quantity	Description	Reference Number
As Required	Webbing, 3/4-Inch Yellow	MIL-W-5625 NIIN 00-753-6951
As Required	Thread, Nylon, Type I, Class A, Size FF, Color: White	V-T-295 NIIN 00-267-3024

1. Lay out webbing and position identification yarn on top before proceeding.



NOTE: ALL CORNER AND FILLET RADII 0.015

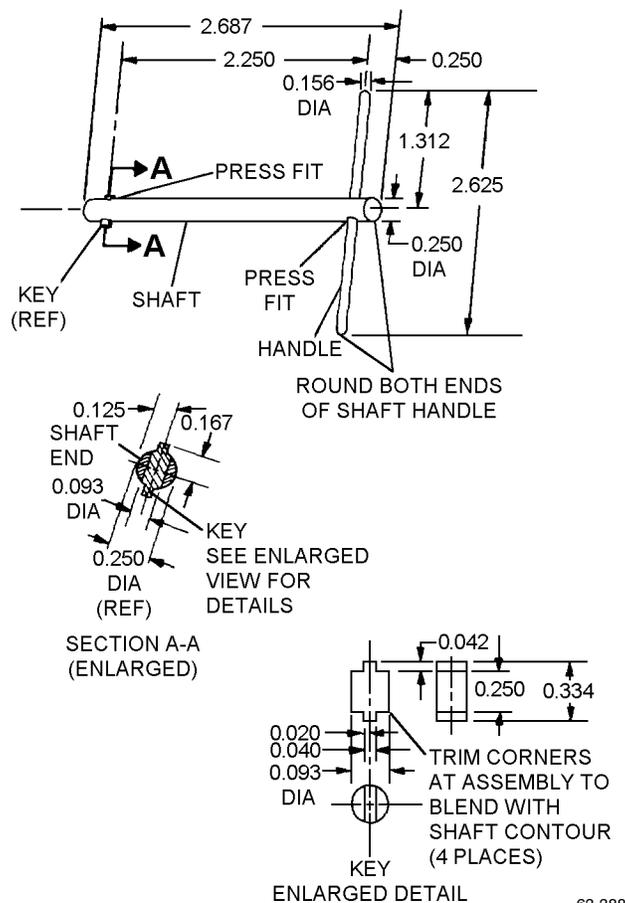
Figure 9-14. Toggle Reset Tool

2. Construct a dropline in accordance with [figure 9-15](#).

3. Sear exposed ends of webbing.

4. All stitching shall be Type 301, ASTM-D-6193, 8 to 10 stitches per inch, and backstitch 1/2-inch minimum.

9-79. T-WRENCH. To fabricate a T-wrench, proceed as follows:



63-388

Step 1 - Para 9-79

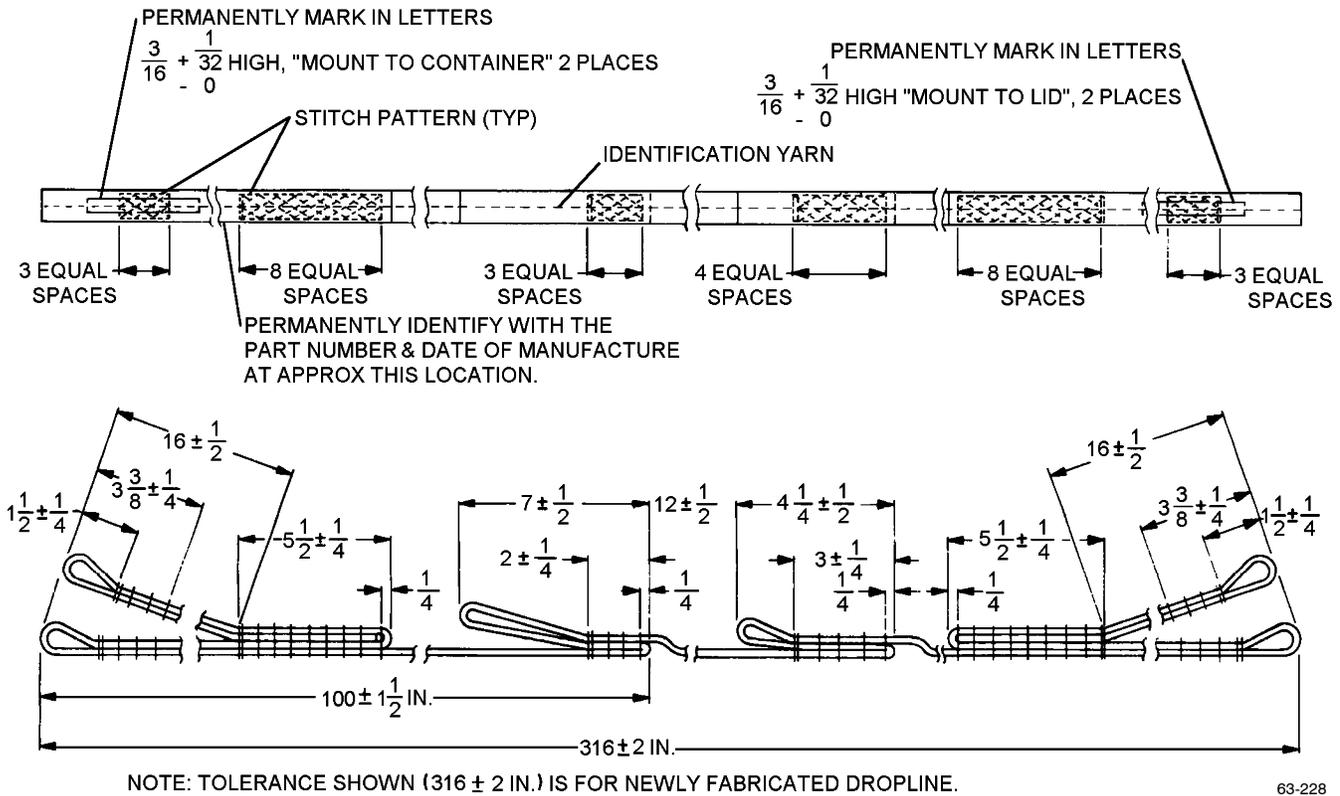


Figure 9-15. Dropline

1. Fabricate wrench from steel as shown.

2. Sear exposed ends of nylon and avoid sharp edges.

9-80. BOOT. To fabricate a boot, proceed as follows:

3. All stitching shall be Type 301, ASTM-D-6193, 8 to 10 stitches per inch, and backstitch 1/2 inch minimum.

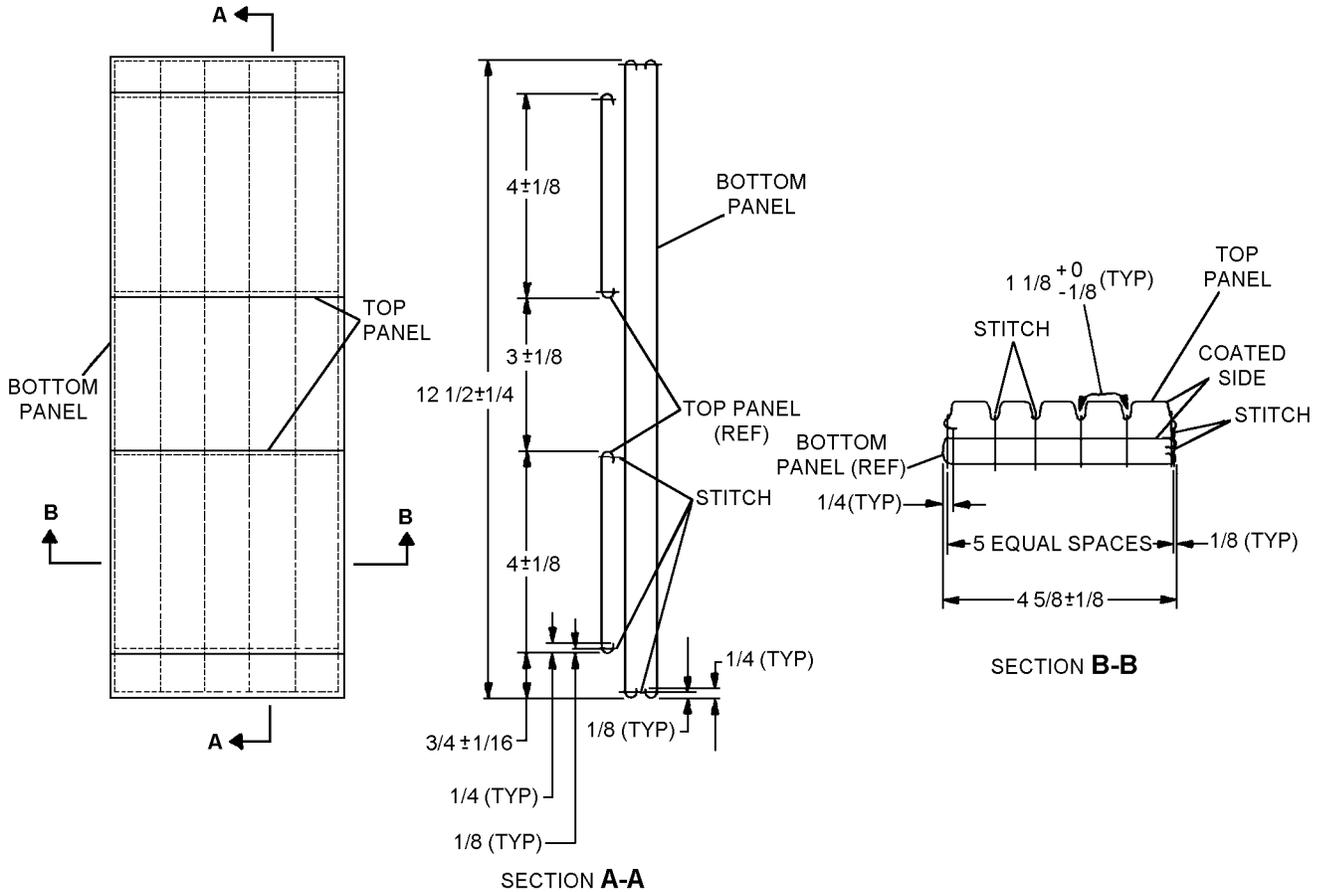
Materials Required

Quantity	Description	Reference Number
As Required	Nylon	MIL-C-8135 or MIL-C-18395
As Required	Thread, Nylon, Type I, Class A, Size FF, Color: White	V-T-295 NIIN 00-267-3024

9-81. GUIDE BRACKET GAGE. To fabricate a guide bracket gage, proceed as follows:

Materials Required		
Quantity	Description	Reference Number
As Required	Drill or Steel Rod (.377-Inch Dia or Greater) (4.75 ± 0.75 Inch Length)	—

1. Construct a boot in accordance with figure 9-16.

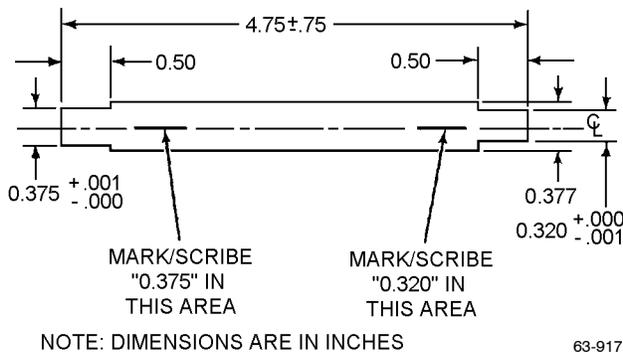


63-230

Figure 9-16. Boot

1. Turn down one end of rod to 0.375 +0.001, -0.000 inch diameter for 0.50-inch length. Mark/Scribe 0.375 on unworked rod surface adjacent to turn down (figure 9-17).

2. Turn down opposite end of rod to 0.320 +0.000, -0.001 inch diameter for 0.50-inch length. Mark/Scribe 0.320 on unworked rod surface adjacent to turn down (figure 9-17).



63-917

Figure 9-17. Guide Bracket Gage

9-82. BRAKE RIDER'S STRAP. To fabricate a brake rider's strap proceed as follows:

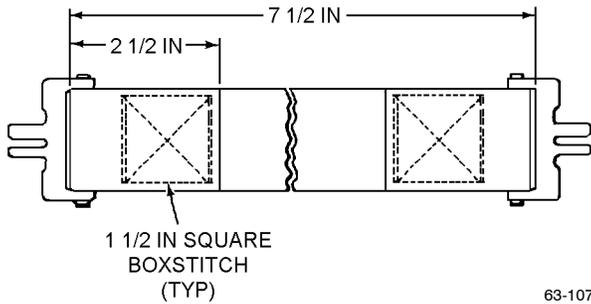
Materials Required		
Quantity	Description	Reference Number
2	Release Assembly Lapbelt Fitting	015-11366-1 (CAGE 99449)
24 Inches	Webbing, Nylon, Type XXVII, 1 23/32 Inches Wide	MIL-W-4088, NIIN 00-530-1489
As Required	Thread, Nylon, Type II, Class A, Size 6	V-T-295, NIIN 00-559-5211

NAVAIR 13-1-6.3-1

1. Cut a piece of nylon webbing 24 inches in length.

2. Sear exposed ends of webbing.

3. Secure fittings with 1 1/2-inch square box stitch. All stitching shall be Type 301, ASTM-D-6193, 4 to 6 stitches per inch, and backstitch 1/2 inch minimum.



63-1077

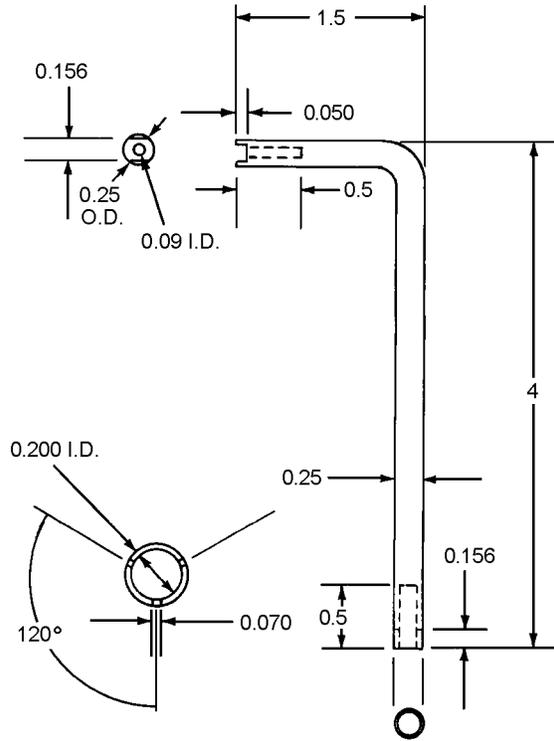
Step 3 - Para 9-82

9-83. RELIEF VALVE ADJUSTMENT TOOL. To fabricate a relief valve adjustment tool, proceed as follows:

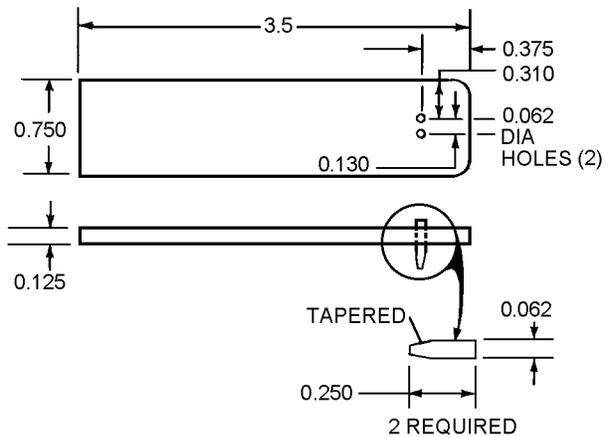
Materials Required

Quantity	Description	Reference Number
As Required	Mild Steel or Brass	—

1. Fabricate relief valve adjustment tool from mild steel or brass as shown.



THREE PRONG PRESSURE NUT ADJUSTABLE TYPE



CAP ADJUSTABLE TYPE

63-3053

Step 1 - Para 9-83

9-84. ALTERNATE SEAT CUSHION FOAM. To fabricate a replacement foam cushion for the Seat Survival Kit, proceed as follows:

Materials Required

Quantity	Description	Reference Number
1	Disposable Razor Knife	—
As Required	CONFOR Foam 1 inch thick, Green	CF-47100 NIIN 01-370-6616
	Blue	CF-45100 NIIN 01-449-1789

1. Remove old foam from seat cushion cover.
2. Use the old foam as a template, place old foam on top of CONFOR foam.

NOTE

Ensure bulk CONFOR foam is large enough to make the new foam cushion one solid piece.

3. Trace around old foam onto the CONFOR foam, including hole for observing the emergency oxygen gage.
4. Cut CONFOR foam along the traced line.
5. Install new foam cushion into seat cushion cover. Ensure seat cushion cover fits cushion foam snugly, but does not cause bowing or excessively loose condition.
6. Write date installed on foam with permanent marker so it can be easily seen.

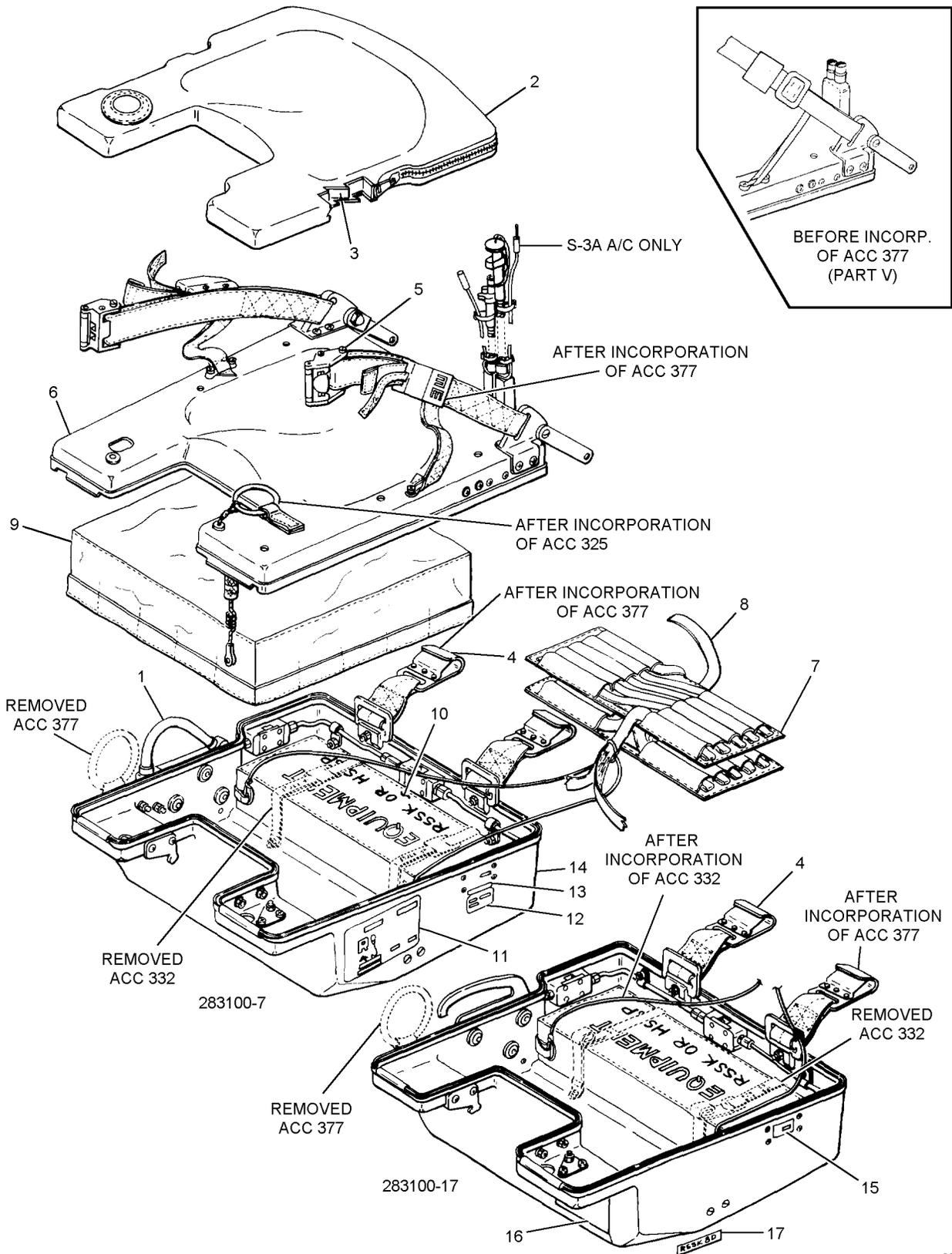
Section 9-8. Illustrated Parts Breakdown

9-85. GENERAL.

9-86. This section lists and illustrates the assemblies and detail parts of the RSSK-8 survival kit assembly

as manufactured by Rocket Jet Engineering Corp. and Scott Aviation Corp.

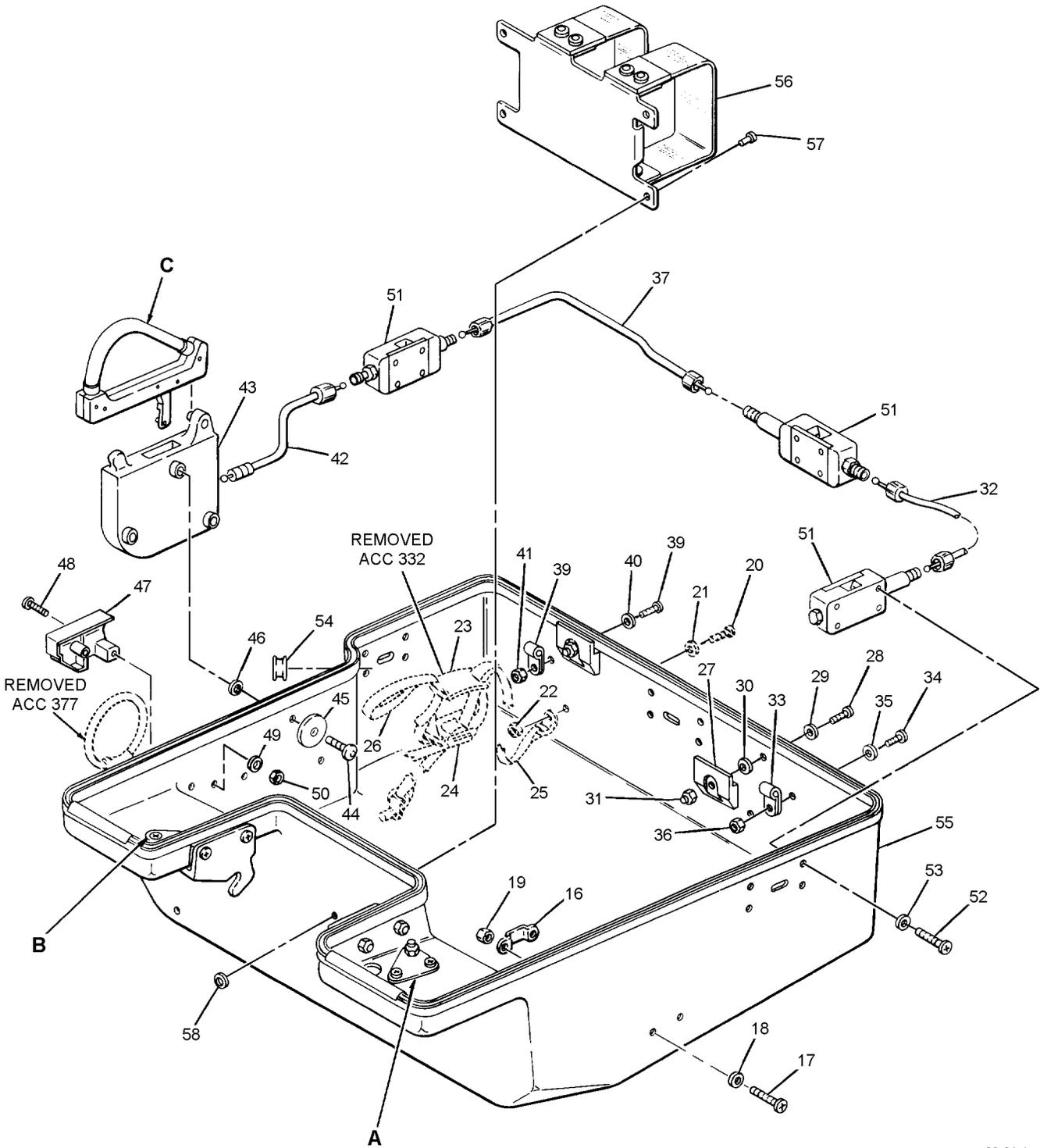
9-87. The Illustrated Parts Breakdown should be used during maintenance when requisitioning and identifying parts.



63-90

Figure 9-18. Rigid Seat Survival Kit-8A (Rocket Jet P/N CL223D999-1 and CL223D999-2)

Figure and Index Number	Part Number	Description 1 2 3 4 5 6 7	Units Per Assembly	Usable On Code
9-18	CL223D999-1	SURVIVAL KIT ASSEMBLY	1	A
	CL223D999-2	SURVIVAL KIT ASSEMBLY	1	B
-1	347170-1	. HANDLE ASSEMBLY	1	A
		(See Figure 9-19 for BKDN)		
	7110015	. HANDLE ASSEMBLY	1	B
		(See Figure 9-20 for BKDN)		
	283300-7	. CUSHION ASSEMBLY	1	
-2	283310-7	. . COVER ASSEMBLY	1	
-3	283320-7	. . CUSHION FILLER ASSEMBLY	1	
		(Not E1)		
-4	1195AS106-1	. PARACHUTE RETENTION STRAP (KD)	2	
	224C300-1	. PARACHUTE RETENTION STRAP (30941)	2	
		(After ACC 377)		
-5	015-11365-1	. RELEASE ASSEMBLY, Lapbelt (99449)	2	
		(Not E2)		
-6	283200-7	. CONTAINER ASSEMBLY, Upper	1	A
		(See Figure 9-21 for BKDN)		
	283200-17	. CONTAINER ASSEMBLY, Upper	1	B
		(See Figure 9-21 for BKDN)		
	283490	. DROPLINE ASSEMBLY	1	
-7	283492	. . BOOT ASSEMBLY	2	
-8	283491	. . DROPLINE ASSEMBLY	1	
-9	36D1321	. COVER, Protective raft (80206)	1	
-10	68A77D4-1	. EQUIPMENT BAG (80206)	1	
-11	283470-7	. NAMEPLATE	1	A
-12	283472	. DECAL, Visual lock	3	A
-13	99112	. DECAL, Manual lid unlock	3	A
-14	283100-7	. CONTAINER ASSEMBLY, Lower	1	A
		(See Figure 9-19 for BKDN)		
	283100-17	. CONTAINER ASSEMBLY, Lower	1	B
		(See Figure 9-20 for BKDN)		
-15	850	. MYLAR TAPE, Clear	3	B
-16	6999002-1	. NAMEPLATE	1	B
-17	1195AS116-1	. DECAL RSSK-8D (KD)	1	
	234C500-1	. DECAL RSSK-8D (30941) (After ACC 377)	1	
	234A100-1	KIT, Retrofit ACC 377 (KD) (30941)	1	
<p>Notes: 1. Alternate cushion CONFOR foam has been authorized. See Fabrication, Section 9-7.</p> <p>2. When replacing lapbelt assembly, apply sealing, locking, and retaining compound, MIL-S-22473, to shoulder screws.</p>				



63-91-1

Figure 9-19. Lower Container Assembly (Rocket Jet P/N 283100-7) and Handle Assembly (Rocket Jet P/N 347170-1) (Sheet 1 of 2)

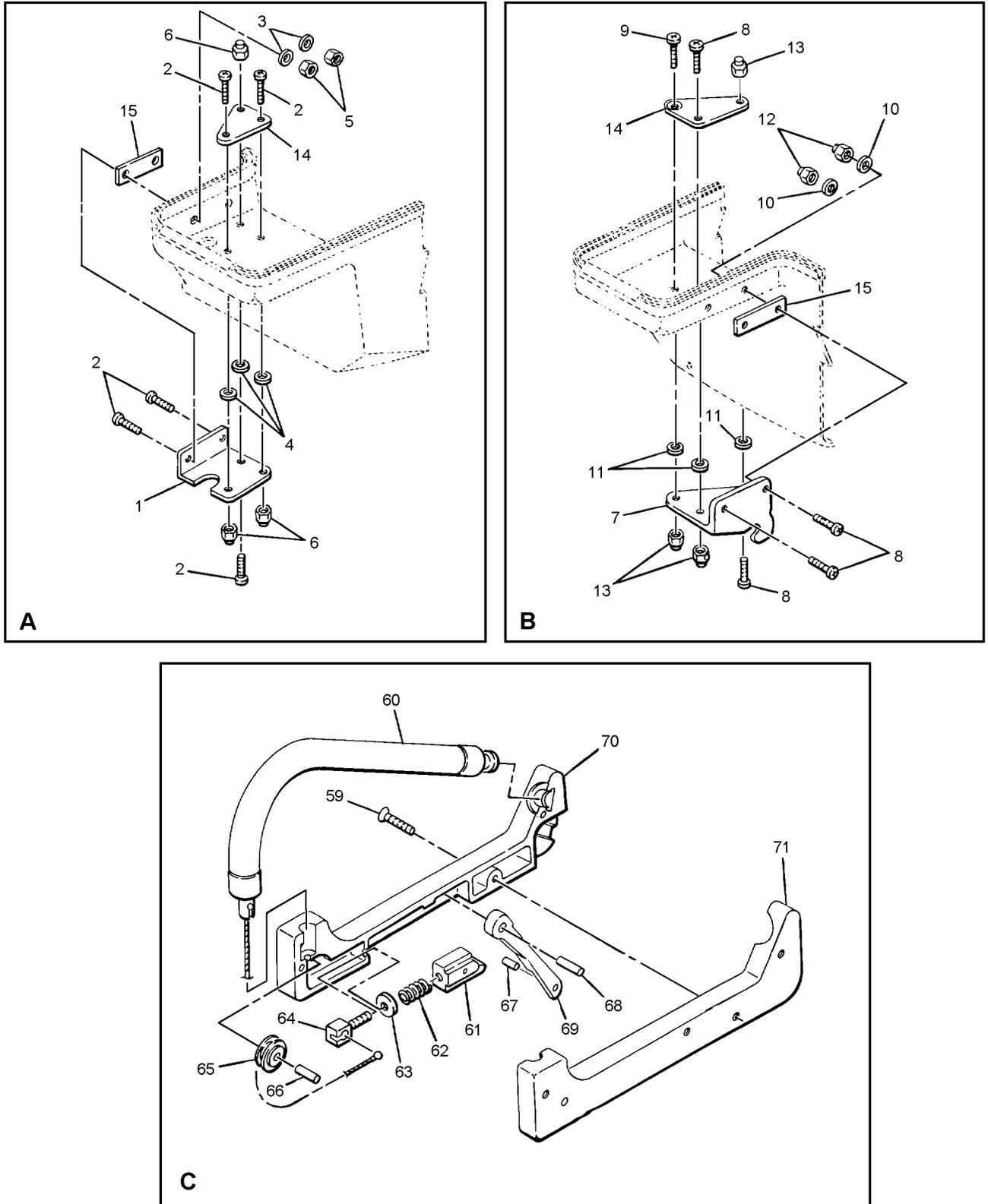


Figure 9-19. Lower Container Assembly (Rocket Jet P/N 283100-7) and Handle Assembly (Rocket Jet P/N 347170-1) (Sheet 2 of 2)

63-91-2

NAVAIR 13-1-6.3-1

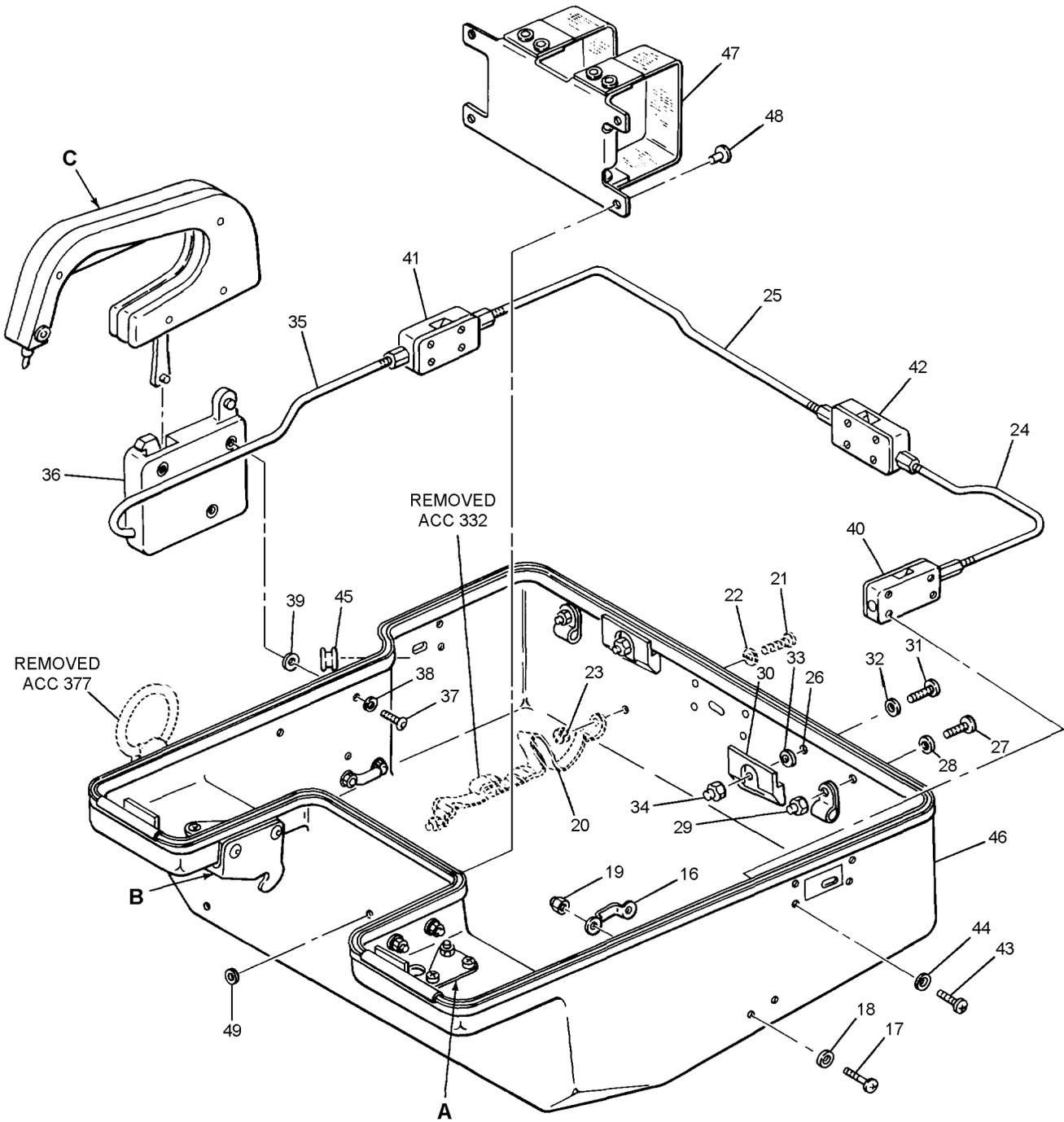
Figure and Index Number	Part Number	Description	Units Per Assembly	Usable On Code
		1 2 3 4 5 6 7		
9-19	283100-7	LOWER CONTAINER ASSEMBLY	REF	
		(See figure 9-18 for NHA)		
-1	1195AS102-1	. BRACKET GUIDE, Left (KD)	1	
	234D410-11	. BRACKET GUIDE, Left (30941)	1	
		(After ACC 377)		
		(ATTACHING PARTS)		
-2	S51958-64	. SCREW (10-32 x 0.62) (KD)	5	
-3	AN960PD10L	. WASHER (KD)	2	
-4	1195AS105-1	. WASHER SHIM, Laminated (KD)	3	
	234C412-13	. WASHER SHIM, Laminated (30941)	3	
-5	MS21042-3	. NUT, Self-locking (KD)	2	
-6	22K1-02	. NUT, Cap self-locking (KD)	3	
		---*---		
-7	1195AS103-1	. BRACKET GUIDE, Right (KD)	1	
	234D410-13	. BRACKET GUIDE, Right (30941)	1	
		(After ACC 377)		
		(ATTACHING PARTS)		
-8	MS51958-64	. SCREW (10-32 x 0.62) (KD)	4	
-9	MS24693C272	. SCREW, Flat head (KD)	1	
		(100° Csk 10-32 x 0.50)		
-10	AN960PD10L	. WASHER (KD)	2	
-11	1195AS105-1	. WASHER SHIM, Laminated (KD)	3	
	234C412-13	. WASHER SHIM, Laminated (30941)	3	
-12	MS21042-3	. NUT, Self-locking (KD)	2	
-13	22K1-02	. NUT, Cap self-locking (KD)	3	
		---*---		
-14	1195AS101-1	. BACKPLATE, Guide bracket (KD)	2	
	102C401-15	. BACKPLATE, Guide bracket (30941)	2	
		(After ACC 377)		
-15	1195AS104-1	. SHIM PLATE, Laminated (KD)	2	
	234C412-11	. SHIM PLATE, Laminated (30941)	2	
		(After ACC 377)		
-16	365700-1	. BRACKET, Footman	2	
		(ATTACHING PARTS)		
-17	COML	. SCREW, Cap Button head	4	
		(6-32 UNC-3A x 0.38)		
-18	AN960C6L	. WASHER	4	
-19	22K2-62	. NUT, Hex (72962)	4	
		---*---		

Figure and Index Number	Part Number	Description 1 2 3 4 5 6 7	Units Per Assembly	Usable On Code
9-19	365718	. STRAP ASSEMBLY, Tiedown rucksack (Before ACC 332) (ATTACHING PARTS)	2	
-20	COML	. SCREW, Cap button head (6-32 UNC-3A x 0.38)	2	
-21	AN960C10L	. WASHER	2	
-22	22K2-62	. NUT, Hex (72962) ---*---	2	
-23	308188	. . PROTECTOR, Leather (Note 1)	1	
-24	308187	. . BUCKLE ASSEMBLY (Note 1)	2	
-25	COML	. . WEBBING (MIL-W-5625E, WN 133, Cond. U) (Note 1)	2	
-26	COML	. . WEBBING (MIL-W-4088, Type I, Cond. U, . . . Aviation Yellow) (33538) (Note 1)	1	
-27	1195AS107-1	. CLIP (KD)	2	
	234C431-11	. CLIP (30941) (After ACC 377)	2	
-28	MS35206-246	. SCREW (8-32 x 0.62) (KD)	2	
-29	AN960PD8L	. WASHER (KD)	4	
-30	1195AS108-1	. SPACER (KD)	2	
	224B432-11	. SPACER (30941)	2	
-31	22K1-82	. NUT, Cap self-locking (KD) ---*---	2	
-32	283116	. CABLE ASSEMBLY, LH (ATTACHING PARTS)	1	
-33	MS25281-F2	. CLAMP	1	
-34	COML	. SCREW, Cap button head (10-32 UNC-3A x 0.50)	1	
-35	AN960C6L	. WASHER	1	
-36	22K2-62	. NUT, Hex (72962) ---*---	1	
-37	283117	. CABLE ASSEMBLY, Center (ATTACHING PARTS)	1	
-38	MS25281-F2	. CLAMP	1	
-39	COML	. SCREW, Cap button head (6-32 UNC-3A x 0.50)	1	
-40	AN960C6L	. WASHER	1	
-41	22K2-62	. NUT, Hex (72962) ---*---	1	
-42	283118	. CABLE ASSEMBLY, RH	1	

NAVAIR 13-1-6.3-1

Figure and Index Number	Part Number	Description 1 2 3 4 5 6 7	Units Per Assembly	Usable On Code
9-19-43	283500	. MULTI-RELEASE ASSEMBLY (See figure 9-26 for BKDN) (ATTACHING PARTS)	1	
-44	COML	. SCREW, Cap button head (10-32 UNF-3A x 0.50)	2	
-45	AN970-3	. WASHER	3	
-46	AN960C10	. WASHER ---*---	3	
-47	1195AS113-1	. HANDLE PROTECTOR BRACKET (KD)	1	
	234C450-11	. HANDLE PROTECTOR BRACKET (30941) (After ACC 377) (ATTACHING PARTS)	1	
-48	MS35206-232	. SCREW (6-32 x 0.75) (KD)	2	
-49	AN960PD6L	. WASHER (KD)	2	
-50	22K1-62	. NUT, Cap (KD) ---*---	2	
-51	283130	. LOCK ASSEMBLY, Lid LH (See figure 9-28 for BKDN)	1	
	283140	. LOCK ASSEMBLY, Lid RH (See figure 9-28 for BKDN)	1	
	283150	. LOCK ASSEMBLY, Lid center (See figure 9-28 for BKDN) (ATTACHING PARTS)	1	
-52	COML	. SCREW, Cap button head (10-32 UNF-3A x 0.50)	4	
-53	AN960C10L	. WASHER ---*---	4	
-54	MS35490-25	. GROMMET	1	
-55	283101-7	. CONTAINER ASSEMBLY	1	
-56	CL204D2-1	. BRACKET ASSEMBLY (80206) (ATTACHING PARTS)	1	
-57	MS204704A-7	. RIVET	4	
-58	AN960PD-4	. WASHER ---*---	4	
	347170-1	HANDLE ASSEMBLY (See figure 9-18 for NHA)	REF	
-59	AN507C632-RIO	. SCREW	4	
-60	283557	. HANDLE ASSEMBLY, Molded	1	
-61	327554	. LATCH	1	
-62	327553	. SPRING	1	
-63	AN960C3	. WASHER	1	
-64	327555	. GUIDE	1	
-65	327556	. PULLEY, Guide	1	
-66	99003-6	. PIN	1	

Figure and Index Number	Part Number	Description	Units Per Assembly	Usable On Code
		1 2 3 4 5 6 7		
9-19	195018	. LINK ASSEMBLY, Disc actuator	1	
-67	99007-1	. . PIN (Press fit)	1	
-68	99002-6	. . PIN (Press fit)	1	
-69	195019	. . LINK, Disc actuator	1	
-70	347171-1	. HANDLE HALF, LH	1	
-71	347171-2	. HANDLE HALF, RH	1	
		Notes: 1. Removed by ACC 332.		



63484-1A

Figure 9-20. Lower Container Assembly (Rocket Jet P/N 283100-17) and Handle Assembly (Rocket Jet P/N 7110015) (Sheet 1 of 2)

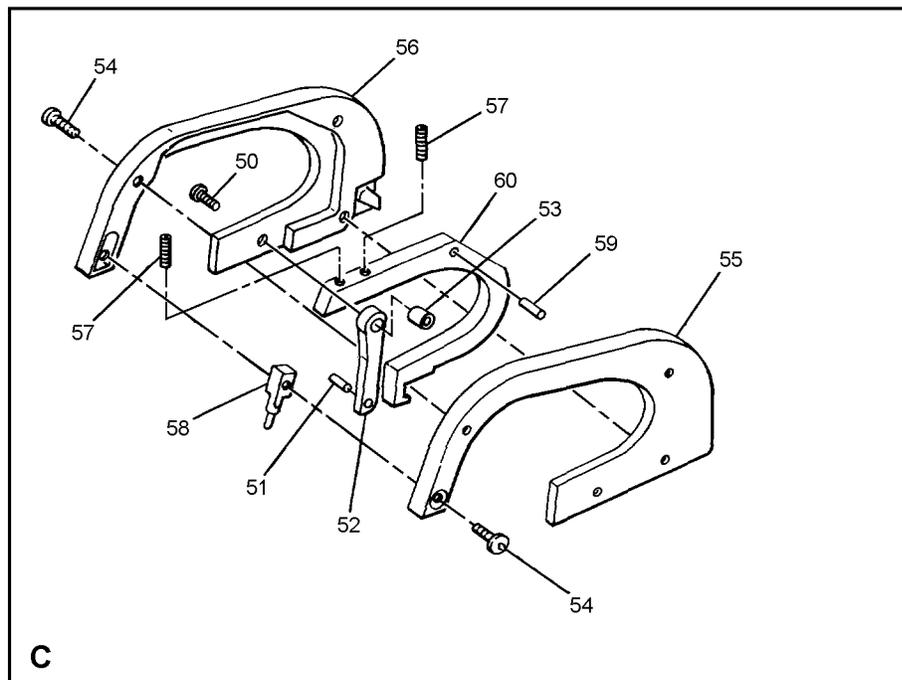
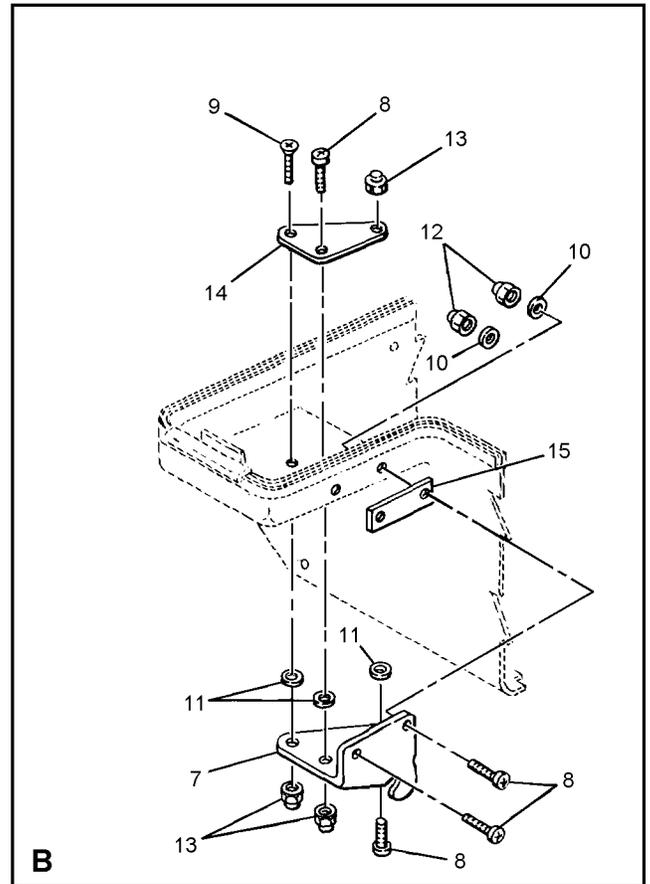
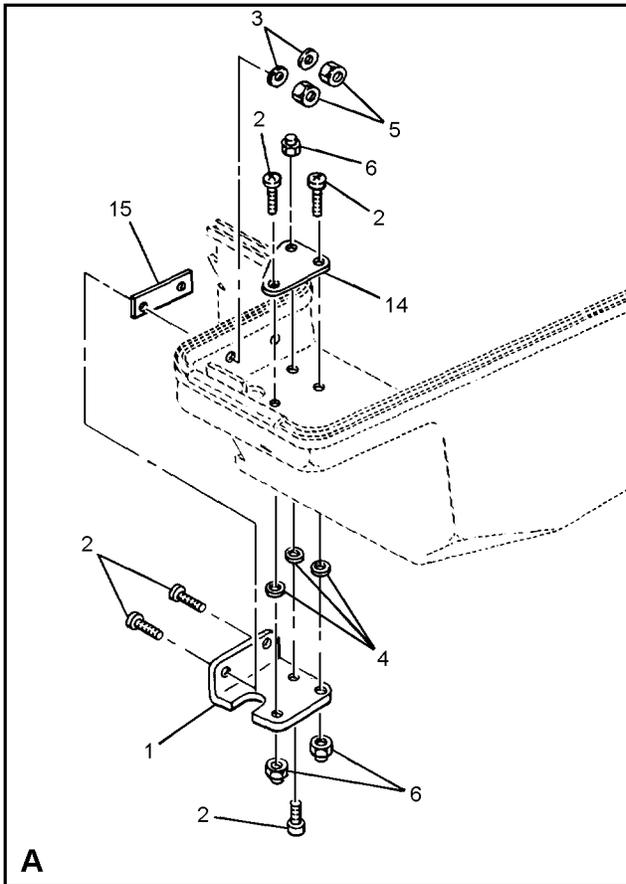


Figure 9-20. Lower Container Assembly (Rocket Jet P/N 283100-17) and Handle Assembly (Rocket Jet P/N 7110015) (Sheet 2 of 2)

63484-2A

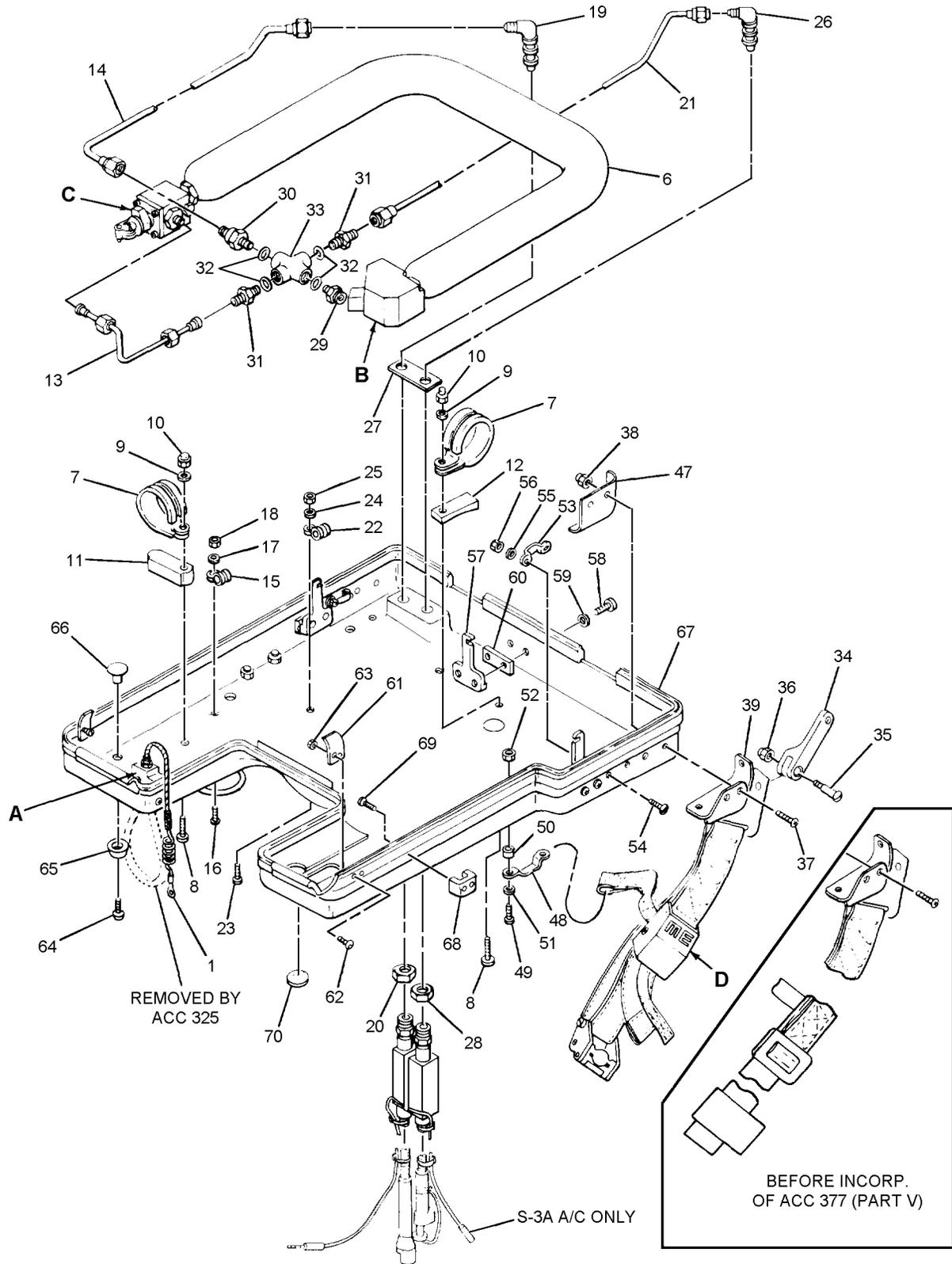
NAVAIR 13-1-6.3-1

Figure and Index Number	Part Number	Description	Units Per Assembly	Usable On Code
		1 2 3 4 5 6 7		
9-20	283100-17	LOWER CONTAINER ASSEMBLY (See figure 9-18 for NHA)	REF	
-1	1195AS102-1 234D410-11	. BRACKET GUIDE, Left (KD) BRACKET GUIDE, Left (30941) (After ACC 377) (ATTACHING PARTS)	1 1	
-2	MS51958-64	. SCREW (10-32 x 0.62) (KD)	5	
-3	AN960PD10L	. WASHER (KD)	2	
-4	1195AS105-1 234C412-13	. WASHER SHIM, Laminated (KD) WASHER SHIM, Laminated (30941)	3 3	
-5	MS21042-3	. NUT, Self-locking (KD)	2	
-6	22K1-02	. NUT, Cap self-locking (KD) ---*---	3	
-7	1195AS103-1 234D410-13	. BRACKET GUIDE, Right (KD) BRACKET GUIDE, Right (30941) (After ACC 377) (ATTACHING PARTS)	1 1	
-8	MS51958-64	. SCREW (10-32 x 0.62) (KD)	4	
-9	MS24693C272	. SCREW, Flat head (KD) (100° Csk 10-32 x 0.50)	1	
-10	AN960PD10L	. WASHER (KD)	2	
-11	1195AS105-1 234D412-13	. WASHER SHIM, Laminated (KD) WASHER SHIM, Laminated (30941)	3 3	
-12	MS21042-3	. NUT, Self-locking (KD)	2	
-13	22K1-02	. NUT, Cap self-locking (KD)	3	
-14	1195AS101-1 102C401-15	. BACK PLATE, Guide bracket BACK PLATE, Guide bracket (30941) (After ACC 377)	2 2	
-15	1195AS104-1 234C412-11	. SHIM PLATE Laminated SHIM PLATE, Laminated (30941) (After ACC 377) ---*---	2 2	
-16	365700-1	. BRACKET, Footman (ATTACHING PARTS)	2	
-17	COML	. SCREW, Cap button head (6-32 UNC-3A x 0.38)	4	
-18	AN960C6L	. WASHER	4	
-19	22K2-62	. NUT, Hex (72962) ---*---	4	
-20	741130	. STRAP ASSEMBLY, Tiedown rucksack (Before ACC 332) (ATTACHING PARTS)	2	
-21	COML	. SCREW, Cap button head (6-32 UNC-3A x 0.38) (Before ACC 332)	2	

Figure and Index Number	Part Number	Description 1 2 3 4 5 6 7	Units Per Assembly	Usable On Code
9-20-22	AN960C6L	. WASHER (Before ACC 332)	2	
-23	22K2-62	. NUT, Hex (72962) (Before ACC 332)	2	
-24	7110027	. CABLE ASSEMBLY, LH	1	
-25	7110028	. CABLE ASSEMBLY, Center	1	
		(ATTACHING PARTS FOR INDEX NOS. 24 AND 25)		
-26	MS25281-F2	. CLAMP (Note 1)	2	
	MS25281-F3	. CLAMP (Note 1)	2	
-27	MS35207-262	. SCREW (Note 1)	2	
-28	AN960PD10L	. WASHER (Note 1)	2	
-29	22K1-02	. NUT (Note 1)	2	
		---*---		
-30	1195AS107-1	. CLIP (KD)	2	
	234C431-11	. CLIP (30941) (After ACC 377)	2	
		(ATTACHING PARTS)		
-31	MS35206-246	. SCREW (8-32 x 0.62) (KD)	2	
-32	AN960PD8L	. WASHER (KD)	4	
-33	1195AS108-1	. SPACER (KD)	2	
	224B432-11	. SPACER (30941)	2	
-34	22K1-82	. NUT, Cap self-locking (KD)	2	
		---*---		
-35	7110030	. CABLE ASSEMBLY, RH	1	
-36	365705-1	. MULTI-RELEASE ASSEMBLY	1	
		(See figure 9-27 for BKDN)		
		(ATTACHING PARTS)		
-37	COML	. SCREW, Cap button head	3	
		(10-32 UNF-3A x 0.50)		
-38	AN970-3	. WASHER	3	
-39	AN960C10	. WASHER	3	
		---*---		
-40	NO NUMBER	. LOCK ASSEMBLY, Lid LH	1	
		(See figure 9-29 for BKDN)		
-41	NO NUMBER	. LOCK ASSEMBLY, Lid RH	1	
		(See figure 9-29 for BKDN)		
-42	NO NUMBER	. LOCK ASSEMBLY, Lid center	1	
		(See figure 9-29 for BKDN)		
		(ATTACHING PARTS)		
-43	COML	. SCREW, Cap button head	4	
		(10-32 UNF-3A x 0.58)		
-44	AN960C10L	. WASHER	4	
		---*---		
-45	MS35490-25	. GROMMET	1	
-46	283101-17	. CONTAINER ASSEMBLY	1	

NAVAIR 13-1-6.3-1

Figure and Index Number	Part Number	Description	Units Per Assembly	Usable On Code
		1 2 3 4 5 6 7		
9-20-47	CL204D2-1	. BRACKET ASSEMBLY (80206) (ATTACHING PARTS)	1	
-48	MS204704A-7	. RIVET	4	
-49	AN960PD-4	. WASHER	4	
		---*---		
	7110015	HANDLE ASSEMBLY (See figure 9-18 for NHA)	REF	
-50	7110016	. SCREW	1	
	255455	. LINK ASSEMBLY	1	
-51	255464-1	. . PIN (Press fit)	1	
-52	255456	. . LINK	1	
-53	655418	. BUSHING	1	
-54	COML	. SCREW, Cap hex sock fit (6-32-3A x 0.50 CDPL)	4	
-55	7110017-1	. HANDLE HALF, LH	1	
-56	7110017-2	. HANDLE HALF, RH	1	
-57	255457	. SPRING	2	
-58	255463	. PIN ANCHOR	1	
	255453	. TRIGGER ASSEMBLY	1	
-59	99002-7	. . PIN (Press fit)	1	
-60	255454	. . TRIGGER	1	
		Notes: 1. If original bracket P/N 7110014 was previously discarded re-order clamp MS25281-F2 or F3 and attaching hardware as shown.		



63-92-1A

Figure 9-21. Upper Container Assembly (Rocket Jet P/N 283200-7 and 283200-17)
(Sheet 1 of 2)

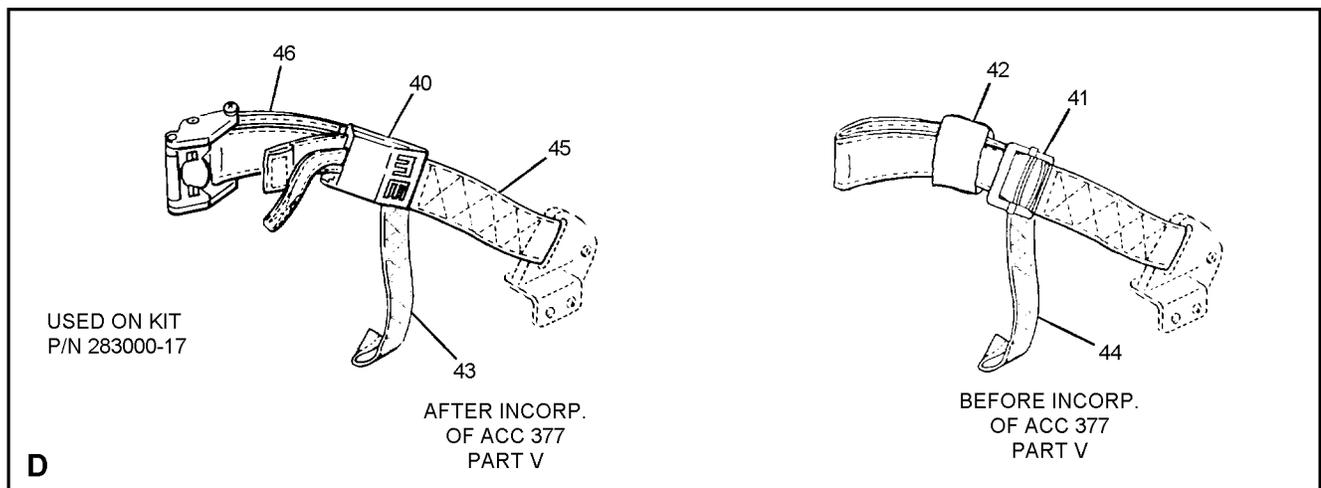
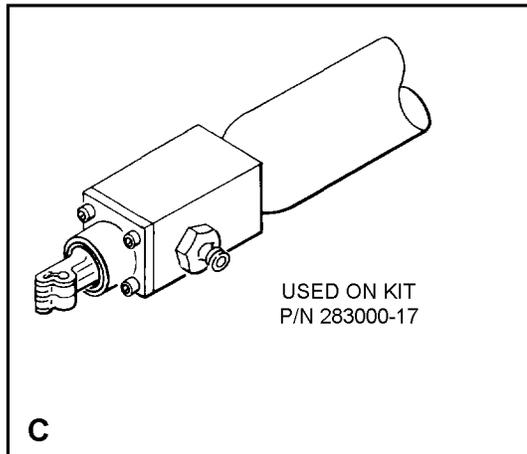
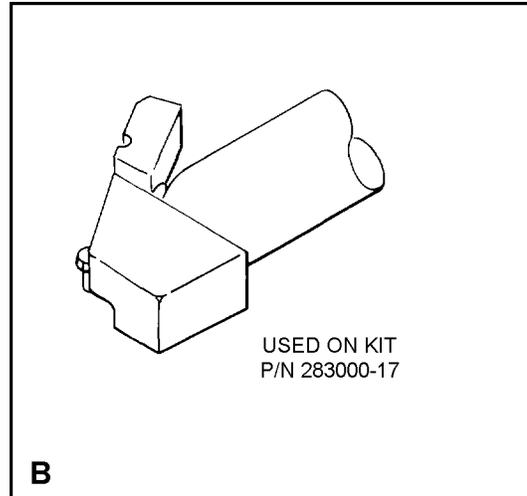
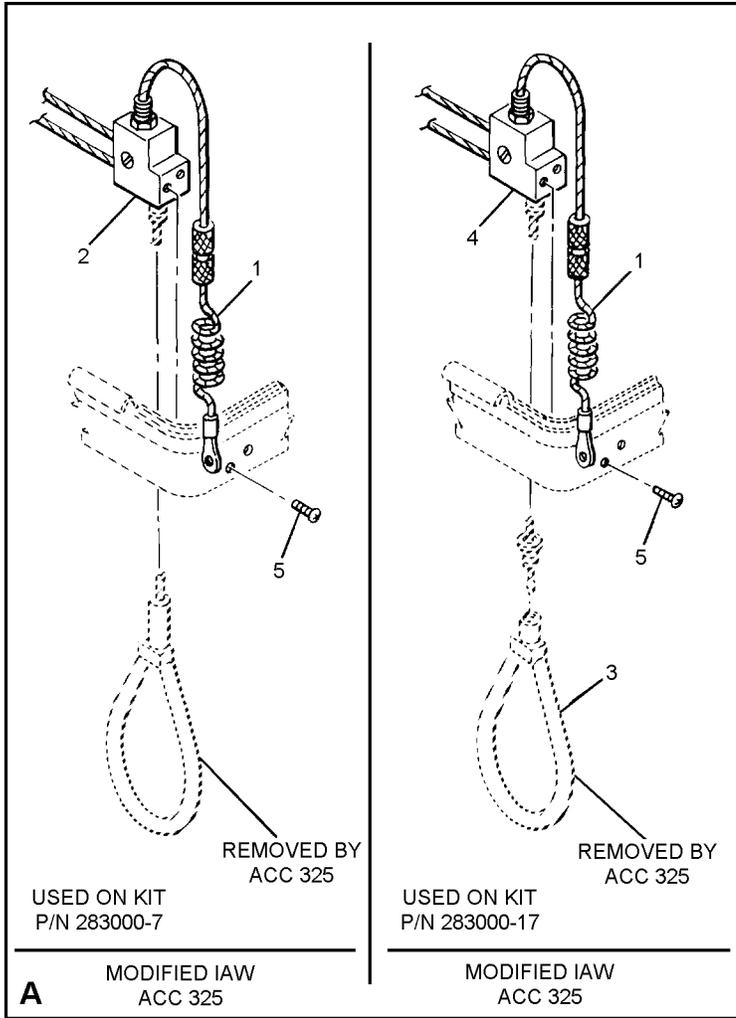


Figure 9-21. Upper Container Assembly (Rocket Jet P/N 283200-7 and 283200-17)
(Sheet 2 of 2)

Figure and Index Number	Part Number	Description 1 2 3 4 5 6 7	Units Per Assembly	Usable On Code
9-21	283200-7	UPPER CONTAINER ASSEMBLY (See figure 9-18 for NHA)	REF	A
	283200-17	UPPER CONTAINER ASSEMBLY (See figure 9-18 for NHA)	REF	B
-1	283168	. LANYARD ASSEMBLY (See figure 9-25 for BKDN)	1	
-2	283480	. GRIP AND RELEASE ASSEMBLY (See figure 9-24 for BKDN) (Interchangeable with 7010009 and 7010032 after ACC 325)	1	A
-3	7010009	. GRIP ASSEMBLY (Before ACC 325)	1	B
-4	7010032	. RELEASE ASSEMBLY, OXYGEN (See figure 9-24 for BKDN) (After ACC 325) (ATTACHING PARTS)	1	B
-5	COML	. SCREW, Hex socket button head (6-32 UNF-3A x 0.50) (Note 1) ---*---	2	
-6	283650-7	. REDUCER AND TUBE ASSEMBLY (See figure 9-22 for BKDN)	1	A
	283650-9	. REDUCER AND TUBE ASSEMBLY (See figure 9-23 for BKDN) (ATTACHING PARTS)	1	B
-7	MS21919-DG24	. CLAMP	4	
-8	COML	. SCREW, Hex socket button head (10-32 UNF-3A x 0.62)	4	
-9	AN960C10L	. WASHER	4	
-10	22K2-02	. NUT, Hex (72962) ---*---	4	
-11	283206-1	. SPACER, Front bottle	2	
-12	283207-1	. SPACER, Rear bottle	2	
-13	283685	. TUBE ASSEMBLY, Reducer-to-manifold	1	
-14	283686	. TUBE ASSEMBLY, Ship-to-manifold (ATTACHING PARTS)	1	
-15	MS21919-DG4	. CLAMP	1	
-16	COML	. SCREW, Hex socket button head (10-32 UNF-3A x 0.38)	1	
-17	AN960C10L	. WASHER	1	
-18	22K2-02	. NUT, Hex (72962) ---*---	1	
-19	AN833-4D	. ELBOW	1	
-20	AN6289D4	. NUT	1	
-21	283687	. TUBE ASSEMBLY, Kit-to-manifold (ATTACHING PARTS)	1	
-22	MS21919-DG4	. CLAMP	1	

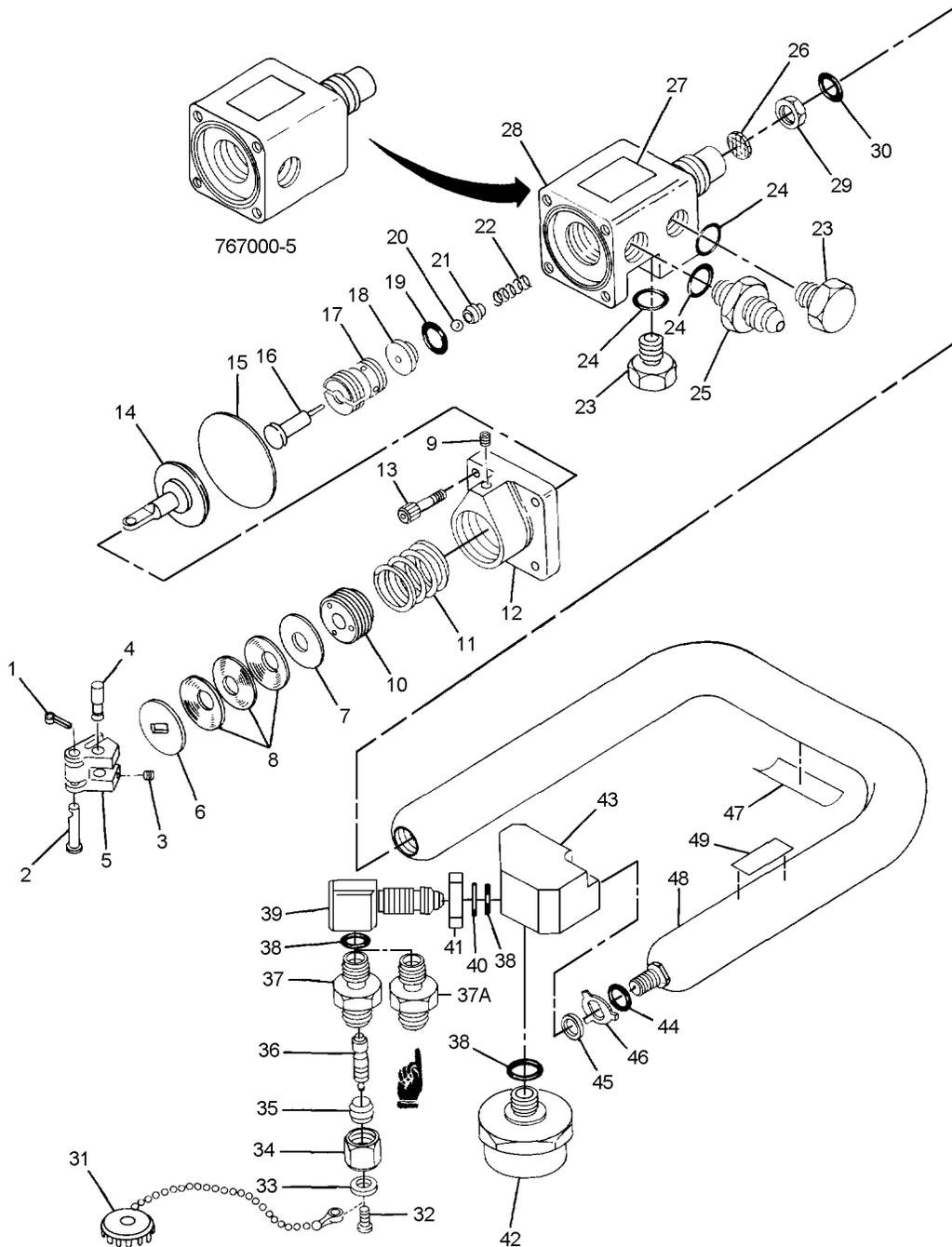
NAVAIR 13-1-6.3-1

Figure and Index Number	Part Number	Description 1 2 3 4 5 6 7	Units Per Assembly	Usable On Code
9-21-23	COML	. SCREW, Hex socket button head (10-32 UNF-3A x 0.38)	1	
-24	AN960C10L	. WASHER	1	
-25	22K2-02	. NUT, Hex (72962)	1	
		---*---		
-26	283222	. ELBOW, Bulkhead	1	
-27	283235	. PLATE, Hose	1	
-28	AN6289D5	. NUT	1	
	283280	. MANIFOLD ASSEMBLY	1	
-29	524A-4D-120	. . VALVE ASSEMBLY, Relief (91816)..... (Replaced by 524A-4D-130 or D524A-4D-130)	1	
	524A-4D-130	. . VALVE ASSEMBLY, Relief (91816)..... (Replaces 524A-4D-120)	1	
	D524A-4D-130	. . VALVE ASSEMBLY, Relief (91816)..... (Replaces 524A-4D-120)	1	
-30	2624A-4TT	. . VALVE, Check (91816)	1	
-31	AN815-4D	. . UNION	2	
-32	99136-53-5	. . PACKING	4	
-33	AN937-4D	. . CROSS	1	
-34	283275	. LUG, Side release	2	
		(ATTACHING PARTS)		
-35	283216	. PIN, Lug	1	
-36	22K2-048	. NUT, Hex (72962)	1	
		---*---		
	283274-1	. HARNESS ASSEMBLY LH	1	A
		(Use until exhausted, then use 7110008-1)		
	7110008-1	. HARNESS ASSEMBLY LH	1	B
		(Replaces 283274-1)		
	283274-2	. HARNESS ASSEMBLY RH	1	A
		(Use until exhausted, then use 7110008-2)		
	7110008-2	. HARNESS ASSEMBLY RH	1	B
		(Replaces 283274-2)		
		(ATTACHING PARTS)		
-37	COML	. SCREW, Hex socket button head (10-32 UNF-3A x 0.38)	5	
-38	22K2-02	. NUT, Hex (72962)	5	
		---*---		
-39	283273-1	. . BRACKET ASSEMBLY, Harness LH	1	A
		(Use until exhausted, then use 7110007-1)		
	7110007-1	. . BRACKET ASSEMBLY, Harness LH	1	B
		(Replaces 283273-1)		
	283273-2	. . BRACKET ASSEMBLY, Harness RH	1	A
		(Use until exhausted, then use 7110007-2)		

Figure and Index Number	Part Number	Description 1 2 3 4 5 6 7	Units Per Assembly	Usable On Code
9-21	7110007-2	. . BRACKET ASSEMBLY, Harness RH (Replaces 283273-2)	1	B
-40	1195AS114-1	. . ADJUSTER, Restraint harness (30003) (KD) (After ACC 377, interchangeable with 184C100-1 in pairs only) (Note 2)	2	
	184C100-1	. . ADJUSTER, Restraint harness (30941) (KD) (Interchangeable with 1195AS114-1 in pairs only) (Note 2)	2	
-41	MS22040-1	. . ADAPTER	1	
-42	283278	. . STRAP LOOP	1	
-43	1195AS115-1	. . ANTI-ROTATION STRAP, LH (KD)	1	
	234C600-1	. . ANTI-ROTATION STRAP, LH (30941) (KD) (After ACC 377)	1	
	1195AS115-2	. . ANTI-ROTATION STRAP, RH (KD)	1	
	234C600-2	. . ANTI-ROTATION STRAP, RH (30941) (KD) (After ACC 377)	1	
-44	COML	. . WEBBING (Type XVII, Cond. U, MIL-W-4088D)	A/R	
-45	COML	. . WEBBING (Type III, Cond. U, MIL-W-4088D)	A/R	
-46	COML	. . WEBBING (Type III, Cond. U, MIL-W-4088D)	A/R	
-47	283254-1	. PLATE, Interior LH	1	
	283254-2	. PLATE, Interior RH	1	
-48	255211-1	. BRACKET, Footman (Use until exhausted, then use 7110012)	2	A
	7110012	. BRACKET, Footman (Replaces 255211-1) (ATTACHING PARTS)	2	B
-49	COML	. SCREW, Hex socket button head (10-32 UNF-3A x 0.62)	4	
-50	255212-1	. SPACER	4	A
-51	AN960C10L	. WASHER	4	
-52	22K2-02	. NUT, Hex (72962) ---*---	4	
-53	365700-1	. BRACKET, Footman (ATTACHING PARTS)	2	
-54	COML	. SCREW, Hex socket button head (6-32 UNF-3A x 0.31)	4	
-55	AN960C6L	. WASHER	4	
-56	22K2-62	. NUT, Hex (72962) ---*---	4	

NAVAIR 13-1-6.3-1

Figure and Index Number	Part Number	Description 1 2 3 4 5 6 7	Units Per Assembly	Usable On Code
9-21-57	1195AS109-1	. LATCH, Lid universal (KD)	3	
	230C535-1	. LATCH, Lid universal (30941) (KD) (After ACC 377) (ATTACHING PARTS)	3	
-58	MS51958-63	. SCREW (10-32 x 0.50) (KD)	6	
-59	AN960PD10L	. WASHER (KD)	6	
-60	1195AS110-1	. SHIM, Tapered (1°-30°) (KD)	3	
	230C536-11	. SHIM, Tapered (1°-30°)	3	
	1195AS111-1	. SHIM, Tapered (3°) (KD)	3	
	230C536-13	. SHIM, Tapered (3°) (KD)	3	
	1195AS112-1	. SHIM, Tapered (6°) (KD)	3	
	230C536-15	. SHIM, Tapered (6°) ---*---	3	
-61	283277-1	. CLIP, Guide LH	1	A
	283277-2	. CLIP, Guide LH	1	B
	283277-3	. CLIP, Guide RH	1	A
	283277-4	. CLIP, Guide RH (ATTACHING PARTS)	1	B
-62	COML	. SCREW, Hex socket button head (6-32 UNF-3A x 0.50)	4	
-63	22K2-02	. NUT, Hex (72962) ---*---	4	
-64	COML	. SCREW, Binding head (3-56 UNF-3A x 0.25) (Not E3)	6	
-65	MS27983-3	. SNAP	6	
-66	MS27983-2	. STUD	6	
-67	283201-7	. LID ASSEMBLY, Bonded	1	A
	283201-17	. LID ASSEMBLY, Bonded and riveted	1	B
-68	7110009	. HANDLE, Support (ATTACHING PARTS)	1	B
-69	COML	. SCREW (6-32 x 0.50) ---*---	2	B
-70	308411	. WINDOW	1	
Notes: 1. Apply sealing compound Grade C or CV. 2. Adjuster part numbers are all listed under the same NSN 1660-01-094-3359. 3. For S-3A A/C only.				



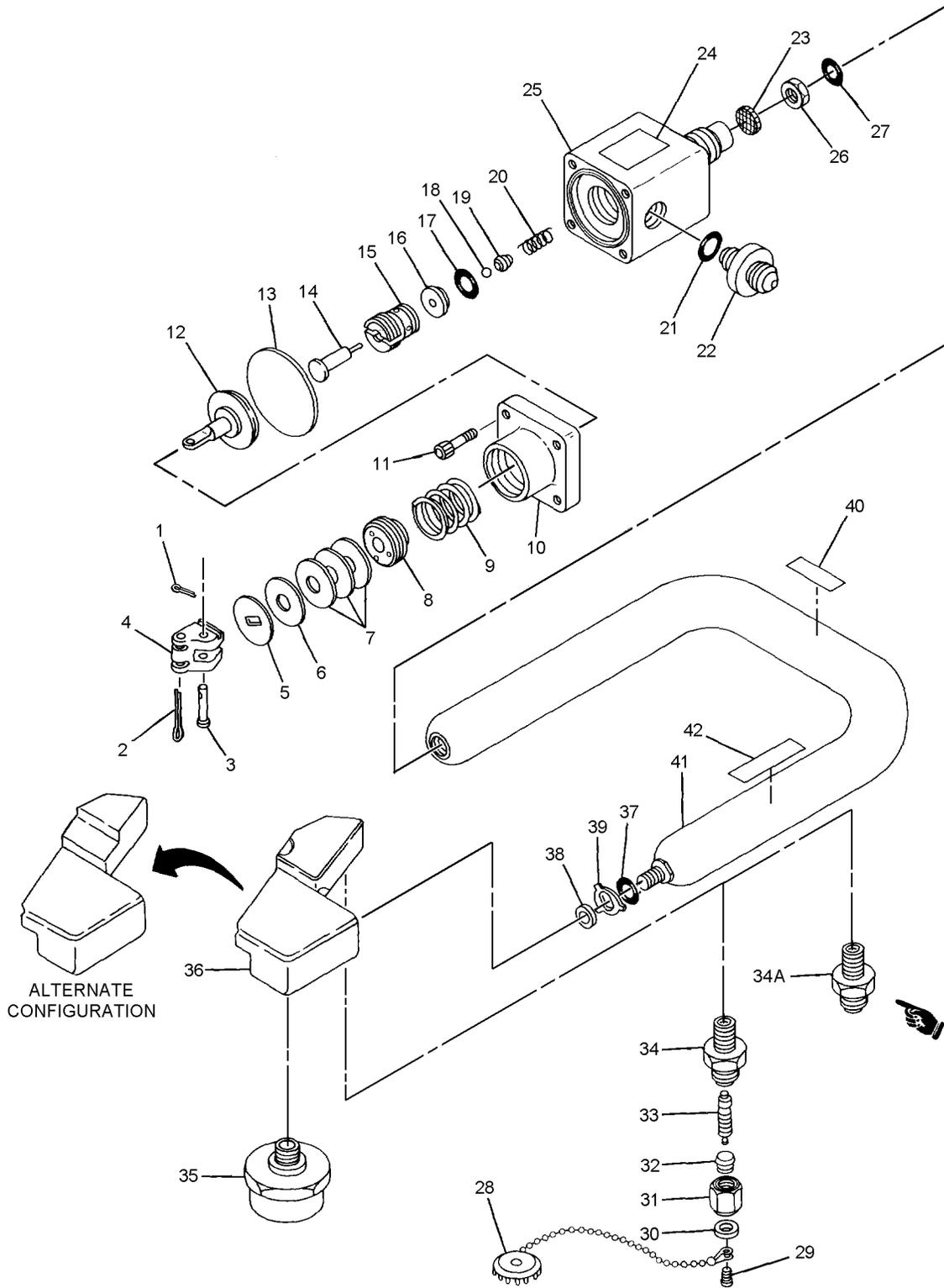
009022

Figure 9-22. Reducer and Tube Assembly (Rocket Jet P/N 283650-7)

NAVAIR 13-1-6.3-1

Figure and Index Number	Part Number	Description 1 2 3 4 5 6 7	Units Per Assembly	Usable On Code
9-22	283650-7	REDUCER AND TUBE ASSEMBLY (See figure 9-21 for NHA)	REF	
	767000-1	. REDUCER ASSEMBLY, Oxygen pressure (Use until exhausted, then use 767000-5)	1	A
	767000-5	. REDUCER ASSEMBLY, Oxygen pressure (Replaces 767000-1)	1	B
-1	MS24665-151	. . PIN, Cotter	1	
-2	MS20392-1C17	. . PIN	1	
-3	AN565DC6H2	. . SETSCREW (Apply sealing compound, grade C or CV)	1	
-4	767900	. . PIN	1	
-5	767100	. . CAM	1	
-6	767901-11	. . SPACER	1	
-7	767901	. . SPACER (Select dash number as required for thickness)	A/R	
-8	BS18-6.2-0.5	. . SPRING, Belleville (05341)	3	
-9	CS-10	. . SETSCREW, Socket head (12139)	1	
-10	723112	. . RETAINER	1	
-11	723111	. . SPRING	1	
-12	767400	. . FLANGE	1	
-13	MS24677-8	. . SCREW (Lockwire with 0.020 wire)	4	
-14	767902	. . PISTON	1	
-15	723134	. . DIAPHRAGM (KC)	1	
-16	723106	. . PLUNGER	1	
-17	723107	. . RETAINER (Apply sealing compound, Grade C or CV)	1	
-18	723104	. . SEAT (KC)	1	
-19	99136-12-11	. . PACKING (KC)	1	
-20	MS134352	. . BALL	1	
-21	723103	. . RETAINER	1	
-22	767106	. . SPRING	1	
-23	AN814-3D	. . PLUG	2	A
-24	99136-52-15	. . PACKING (KC)	3	A
	99136-52-15	. . PACKING (KC)	1	B
-25	767600	. . FITTING, Reducer	1	
-26	40-3594-12380-060	. . FILTER (90005)	1	
-27	99050-2	. . DECAL, Nameplate	1	
-28	767300	. . HOUSING	1	A
	767300-1	. . HOUSING	1	B
-29	723133	. NUT, Lock (Torque 18 ft./lbs. and lockwire with 0.032 wire)	1	
-30	99136-111-11	. PACKING (Use until exhausted, then use 99136-111-15)	1	
	99136-111-15	. PACKING (Replaces 99136-111-11)	1	

Figure and Index Number	Part Number	Description	Units Per Assembly	Usable On Code
		1 2 3 4 5 6 7		
9-22	767800	. VALVE ASSEMBLY, Fill	1	
-31	365695	. . PLUG ASSEMBLY	1	
	767860	. . CAP ASSEMBLY	1	
-32	AN515C4-4	. . . SCREW	1	
-33	AN960C4	. . . WASHER	1	
-34	767861	. . . CAP	1	
-35	767862	. . . PLUG	1	
	767850	. . BODY ASSEMBLY	1	
-36	AN809-1	. . . CORE (Short stem)	1	
-37	767851	. . . BODY	1	
-37A	9120097-27	. . FILL VALVE (Note 1)	1	
-38	99136-52-15	. PACKING Preformed (31441)	3	
	3-903E515-80	. PACKING (02697)	3	
		(Alternate for 99136-52-15)		
-39	365680	. FITTING, Valve	1	
-40	MS28773-03	. RETAINER, Packing	1	
-41	AN6289D-3	. NUT	1	
-42	767700	. GAGE	1	
-43	283606	. MANIFOLD INDICATOR AND FILL	1	
		VALVE ASSEMBLY		
-44	99136-12-11	. PACKING	1	
		(Use until exhausted, then use 99136-111-15)		
	99136-111-15	. PACKING (Replaces 99136-12-11)	1	
-45	283608	. WASHER, Manifold	1	
-46	283607	. WASHER, Lock	1	
-47	99050-1	. DECAL, Nameplate	1	
-48	365600-3	. TUBE ASSEMBLY	1	
-49	365605	. . NAMEPLATE	1	
		Notes: 1. Fill Valve can be used as an alternate to replace Charging Valve Body Assembly P/N F2641-1 or Valve Core P/N F3635241-1 and Body P/N F1374-1.		



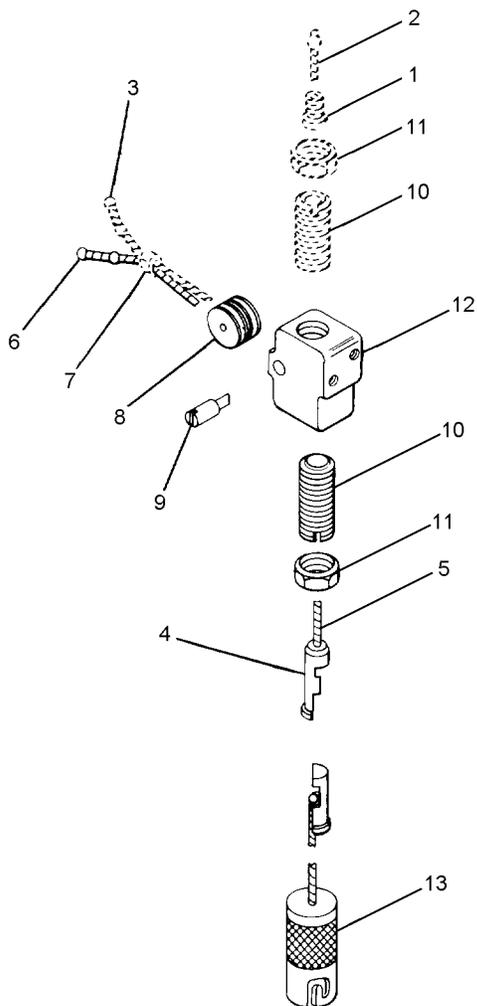
009023

Figure 9-23. Reducer and Tube Assembly (Rocket Jet P/N 283650-9)

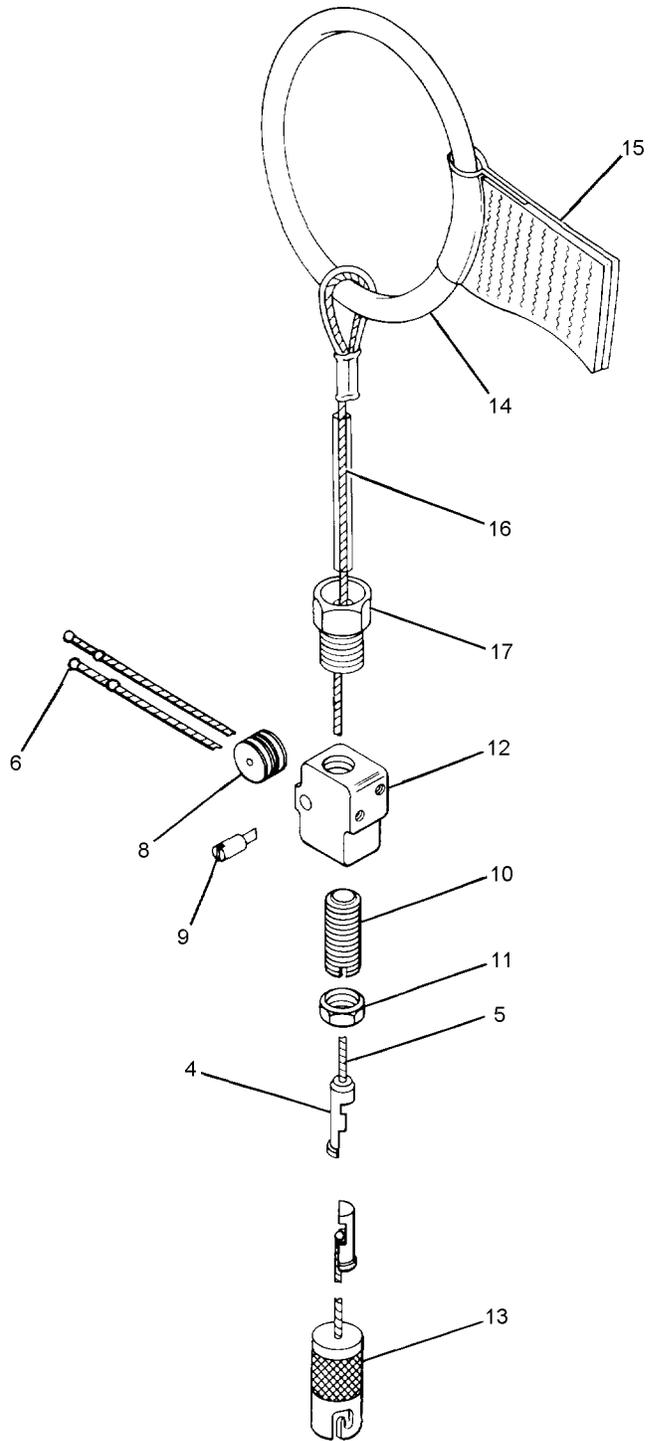
Figure and Index Number	Part Number	Description	Units Per Assembly	Usable On Code
		1 2 3 4 5 6 7		
9-23	283650-9	REDUCER AND TUBE ASSEMBLY (See figure 9-21 for NHA)	REF	
	767000-7	. REDUCER ASSEMBLY, Oxygen pressure	1	
-1	MS24665-151	. . PIN, Cotter	1	
-2	MS24665-229	. . PIN, Cotter	1	
-3	MS20392-1C17	. . PIN	1	
-4	767100-3	. . CAM	1	
-5	767901-11	. . SPACER	1	
-6	767901	. . SPACER (Select dash number as required for thickness)	A/R	
-7	BS18-6.2-0.5	. . SPRING, Belleville (05341)	3	
-8	7110010	. . RETAINER	1	
-9	741374	. . SPRING	1	
-10	767400-1	. . FLANGE	1	
-11	P60FS6-32-8CR	. . SCREW (Socket hand cap) (lock)	4	
-12	767902-3	. . PISTON	1	
-13	723134	. . DIAPHRAGM (KC)	1	
-14	723106	. . PLUNGER	1	
-15	723107	. . RETAINER (Apply sealing compound, Grade C or CV)	1	
-16	723104	. . SEAT (KC)	1	
-17	99136-12-15	. . PACKING, Preformed	1	
-18	MS134352	. . BALL	1	
-19	723103	. . RETAINER	1	
-20	767106	. . SPRING	1	
-21	99136-52-15	. . PACKING, Preformed	1	
	3-903E515-80	. . PACKING, Preformed (02697) (Alternate for 99136-52-15)	1	
-22	767600	. . FITTING, Reducer	1	
-23	40-3594-12380-060	. . FILTER (90005)	1	
-24	6999002-5	. . NAMEPLATE	1	
-25	767300-3	. . HOUSING	1	
-26	723133	. NUT, Lock (Torque 18 ft/lbs and lockwire with 0.032 wire)	1	
-27	99136-111-15	. PACKING, Preformed	1	
	741800	. FILL VALVE ASSEMBLY	1	
-28	365695	. . PLUG ASSEMBLY	1	
	767860	. . CAP ASSEMBLY	1	
-29	AN515C4-4	. . . SCREW	1	
-30	AN960C4	. . . WASHER	1	
-31	767861	. . . CAP	1	
-32	767962	. . . PLUG	1	
	741810	. . BODY ASSEMBLY, Filler valve	1	

NAVAIR 13-1-6.3-1

Figure and Index Number	Part Number	Description	Units Per Assembly	Usable On Code
		1 2 3 4 5 6 7		
9-23-33	767852	. . . VALVE CORE, High pressure	1	
-34	741811	. . . BODY	1	
-34A	9120097-27	. . FILL VALVE (Note 2)	1	
-35	741376	. GAGE	1	
-36	7110004	. MANIFOLD (Note 1)	1	
-37	99136-12-15	. PACKING	1	
-38	283608	. WASHER, Manifold	1	
-39	283607	. WASHER, Lock	1	
-40	6999002-3	. NAMEPLATE	1	
-41	365600-3	. TUBE ASSEMBLY	1	
-42	365605	. . NAMEPLATE	1	
Notes:		1. Alternate configuration found on parts manufactured after 12-8-71. 2. Fill Valve can be used as an alternate to replace Filler Valve Body Assembly P/N 741810 or Valve Core P/N 767852 and Body P/N 741811.		



 REMOVED BY ACC 325



AFTER INCORPORATION OF ACC 325

Figure 9-24. Release Assembly (Rocket Jet)

NAVAIR 13-1-6.3-1

Figure and Index Number	Part Number	Description	Units Per Assembly	Usable On Code
		1 2 3 4 5 6 7		
9-24	7010032	RELEASE ASSEMBLY (See figure 9-21 for NHA)	REF	
	7010012-1	. CABLE ASSEMBLY, Upper (Before ACC 325)	1	
-1	7010013	. . SCREW (Before ACC 325)	1	
-2	RA6170	. . CABLE 4.06 inches maximum (Before ACC 325)	A/R	
-3	RAL2487-041-125	. . BALL TERMINAL (Before ACC 325)	3	
	283185	. LINK ASSEMBLY, Lower	1	
-4	283164	. . LINK, Lower	1	
-5	RA6170	. . CABLE 3.60 inches maximum	A/R	
-6	RAL2487-041-125	. . BALL TERMINAL	3	
-7	24410-1	. SLEEVE (Before ACC 325)	1	
-8	283170	. PULLEY RELEASE	2	
-9	365623	. PIN, Pulley release	1	
-10	283182	. ADJUSTER (Before ACC 325)	2	
-11	142010	. NUT (Before ACC 325)	2	
-12	283181	. HOUSING	1	
-13	283168	LANYARD ASSEMBLY (See figure 9-25 for BKDN)	1	
-14	CL223D2-1	. RIGID O-RING GRIP ASSEMBLY (After ACC 325)	1	
-15	CL223D2-9	. . HOOK TAPE (After ACC 325)	1	
-16	CL223D2-3	. . CABLE ASSEMBLY (After ACC 325)	1	
-17	CL223D2-4	. . INSERT (After ACC 325)	1	

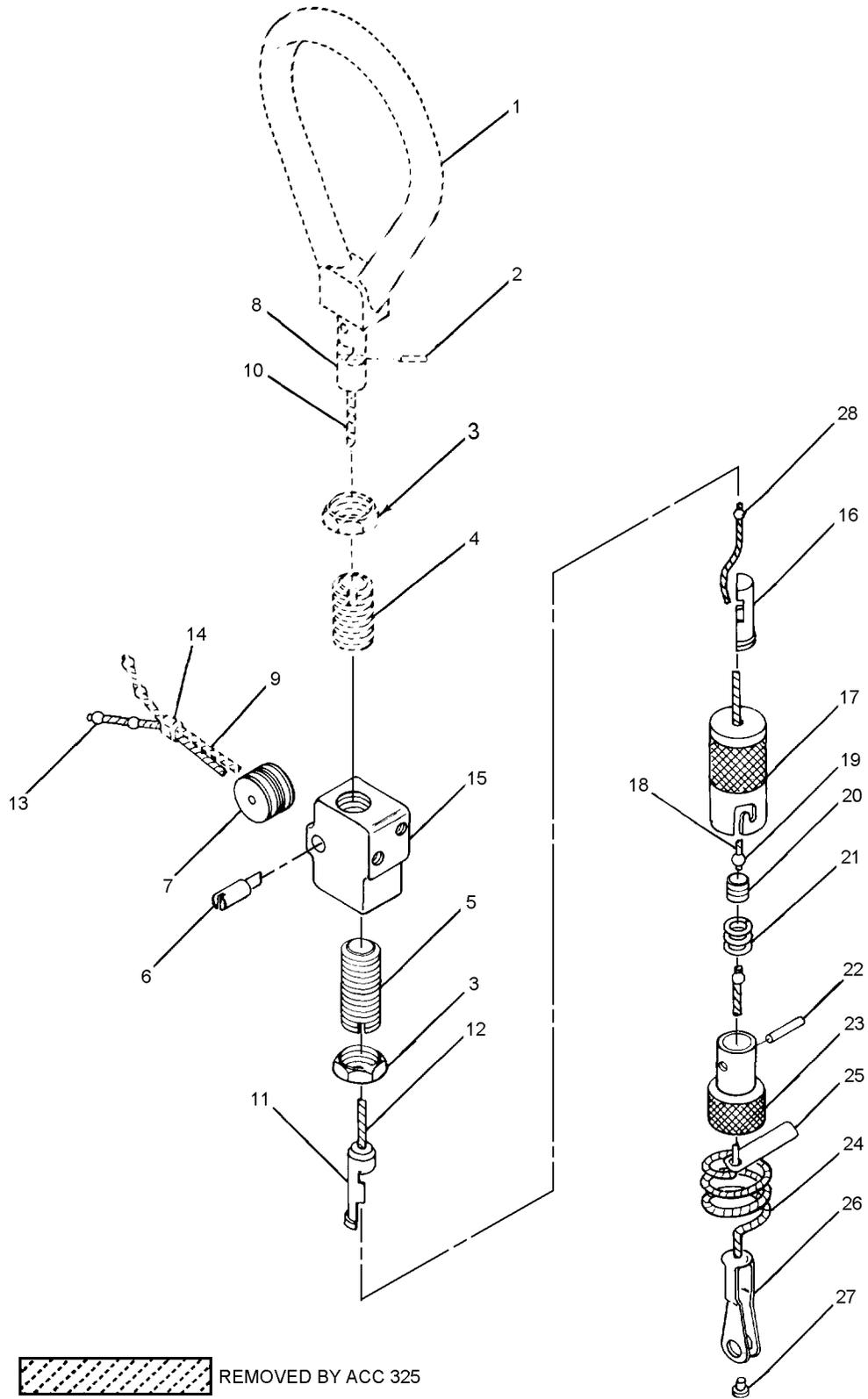
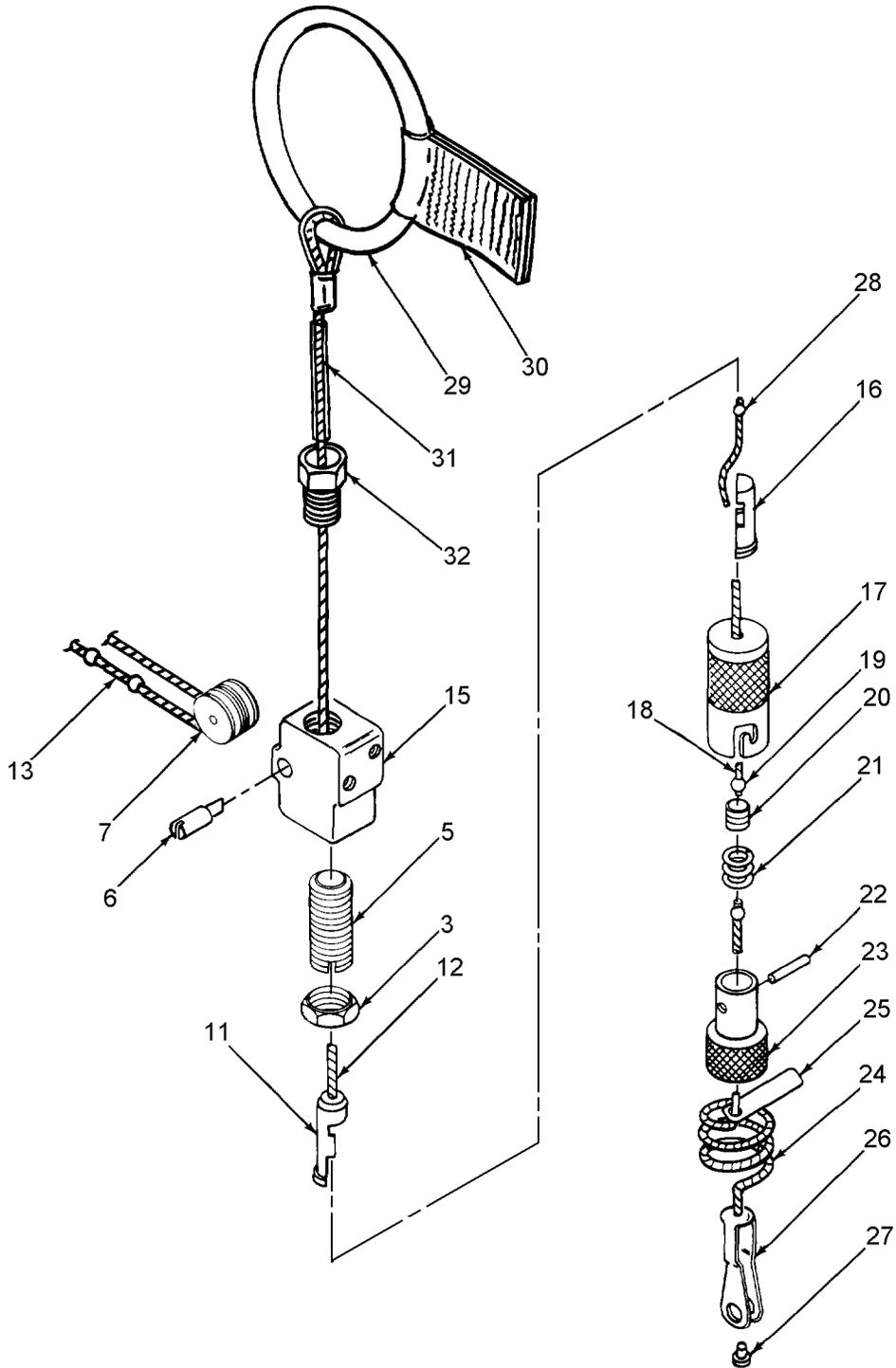


Figure 9-25. Grip and Release Assembly and Lanyard Assembly (Rocket Jet) (Sheet 1 of 2)



AFTER INCORPORATION OF ACC 325

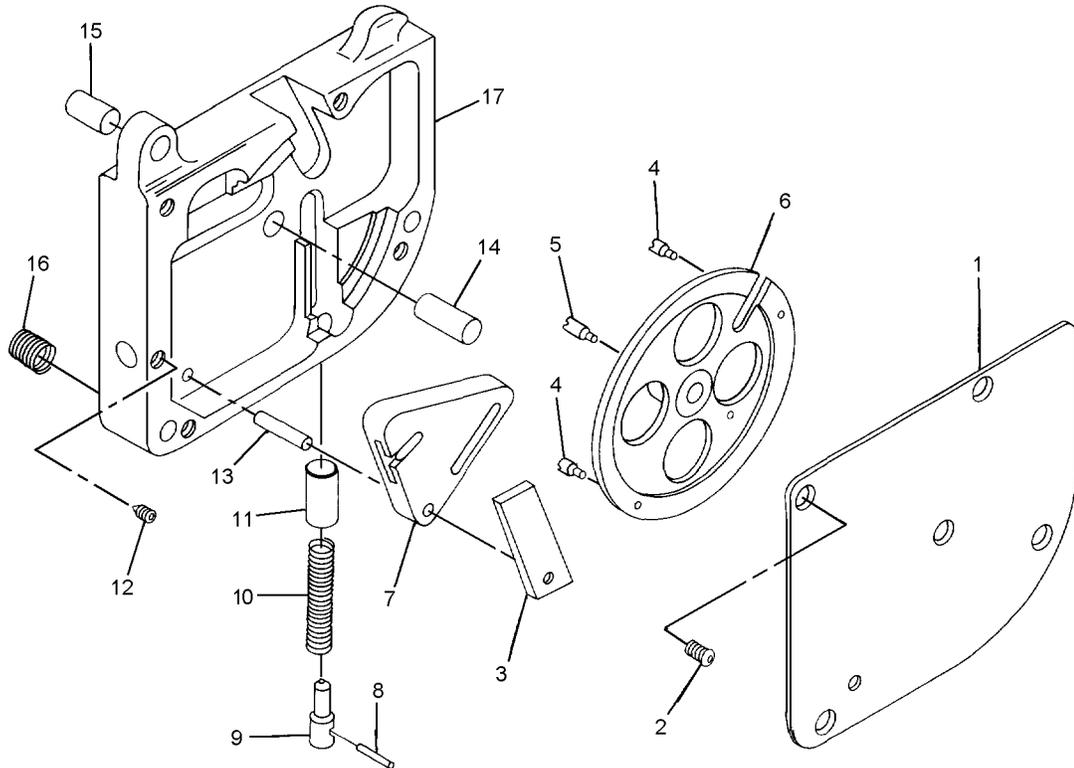
63-3066

Figure 9-25. Grip and Release Assembly and Lanyard Assembly (Rocket Jet) (Sheet 2 of 2)

Figure and Index Number	Part Number	Description 1 2 3 4 5 6 7	Units Per Assembly	Usable On Code
9-25	283480	GRIP AND RELEASE ASSEMBLY (See figure 9-21 for NHA)	REF	
-1	283190	. GRIP ASSEMBLY (Mod IAW ACC 250) (Before ACC 325)	1	
-2	283193	. PIN (Before ACC 325)	1	
	283180-1	. RELEASE ASSEMBLY	1	
-3	142010	. . NUT (Before ACC 325)	2	
-4	365624-3	. . ADJUSTER, Upper release (Before ACC 325)	1	
-5	283182	. . ADJUSTER, Lower release	1	
-6	365623	. . PIN, Pulley release	1	
-7	283170	. . PULLEY, Release	2	
1	283184-1	. . LINK ASSEMBLY, Upper manual release (Before ACC 325)	1	
-8	283171	. . . LINK, Manual release upper (Before ACC 325)	1	
-9	RAL2487	. . . BALL TERMINAL (93284) (Before ACC 325)	3	
-10	RA6170	. . . CABLE 3.50 inches maximum (Before ACC 325)	A/R	
	283185	. . LINK ASSEMBLY, Lower	1	
-11	283164	. . LINK, Lower	1	
-12	RA6170	. . . CABLE 3.50 inches maximum	A/R	
-13	RAL2487	. . . BALL TERMINAL (93284)	3	
-14	24410-1	. . SLEEVE	1	
-15	283181	. . HOUSING	1	
	283168	LANYARD ASSEMBLY (See figure 9-21 for NHA)	REF	
	283166	. COUPLING ASSEMBLY, Lanyard	1	
-16	283165	. . LINK	1	
-17	283690	. . COUPLING, Sleeve	1	
-18	RA6170	. . CABLE (93284)	1	
-19	RAL2487	. . BALL TERMINAL (93284)	2	
-20	MS51965-52	. . SETSCREW, Flat point	1	
-21	0300-022-0500M	. . SPRING (92380)	1	
-22	99003-7	. . PIN	1	
	283169	. COUPLING ASSEMBLY, Lower	1	
-23	365682	. . COUPLING LOCK	1	
-24	RA6170-2	. . CABLE 18.75 inches maximum	A/R	
-25	22414	. . TAG	1	
-26	RA2500-2	. . FITTING, Fork end	1	
-27	MS2066-4C2	. . BALL, End	1	
-28	RAL2487-2	. . BALL, Terminal	1	

NAVAIR 13-1-6.3-1

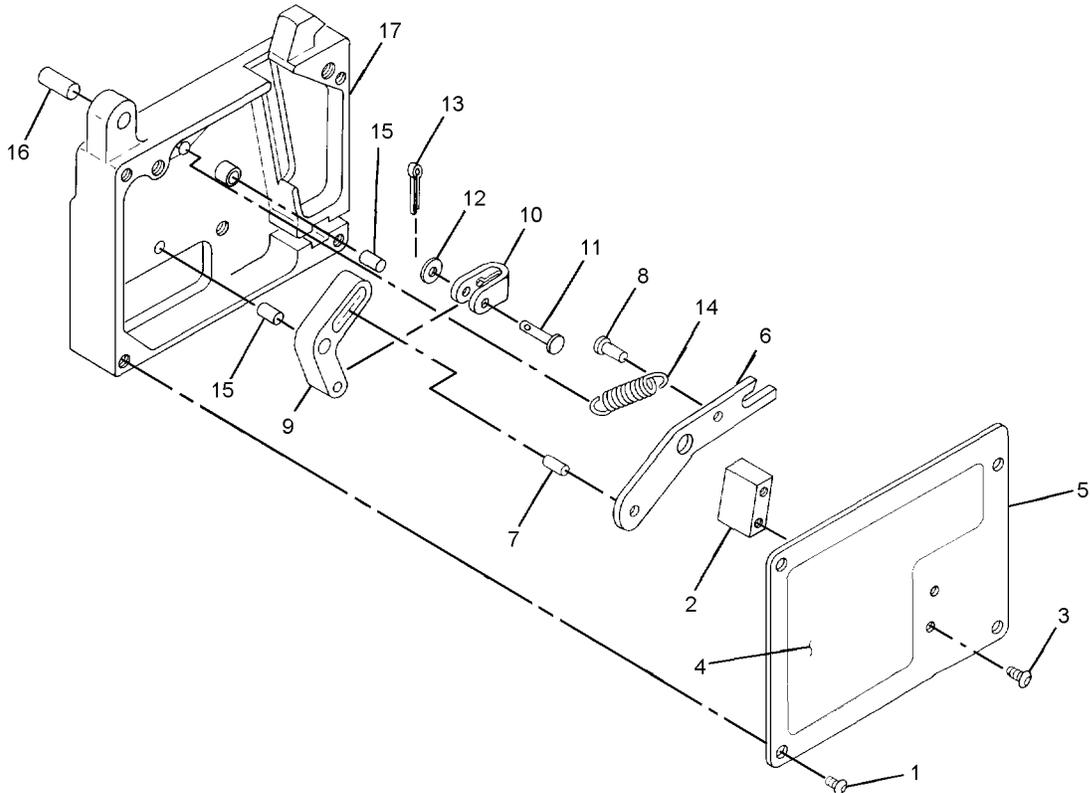
Figure and Index Number	Part Number	Description	Units Per Assembly	Usable On Code
		1 2 3 4 5 6 7		
9-25-29	CL223D2-1	. RIGID O-RING GRIP ASSEMBLY (After ACC 325)	1	
-30	CL223D2-9	. . HOOK TAPE (After ACC 325)	1	
-31	CL223D2-3	. . CABLE ASSEMBLY (After ACC 325)	1	
-32	CL223D2-4	. . INSERT (After ACC 325)	1	



63-311A

Figure 9-26. Multi-Release Assembly (Rocket Jet P/N 283500)

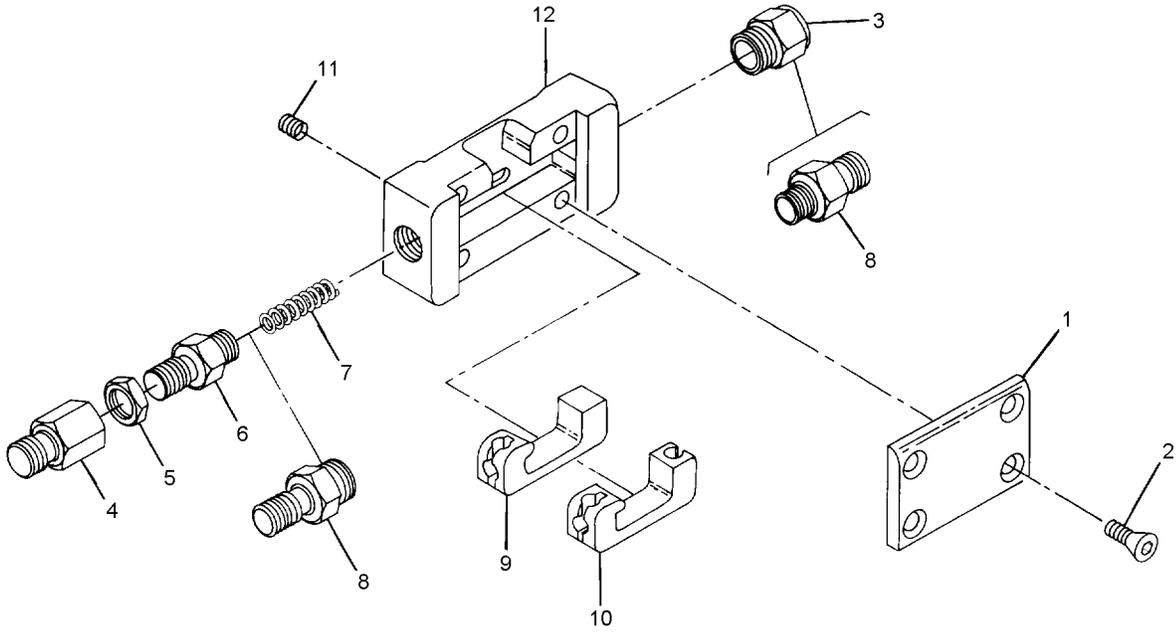
Figure and Index Number	Part Number	Description							Units Per Assembly	Usable On Code
		1	2	3	4	5	6	7		
9-26	283500	MULTI-RELEASE ASSEMBLY							REF	
		(See figure 9-19 for NHA)								
-1	283504	. COVER							1	
-2	99071	. SCREW, Flat head sock (4-40 x 1/4)							4	
-3	195015	. RETAINER, Cable							1	
	195047	. DISK ASSEMBLY							1	
-4	195016-1	. . PIN (Staked)							2	
-5	195016-3	. . PIN (Staked)							1	
-6	195048	. . DISK							1	
-7	283505	. LEVER, Lid lock cable							1	
-8	99003-7	. PIN							1	
-9	195012	. PIN, Guide, return spring							1	
-10	195011	. SPRING							1	
-11	195010	. PLUNGER							1	
-12	99008-1	. SETSCREW							1	
	283501	. HOUSING ASSEMBLY							1	
-13	99002-2	. . PIN (Press fit)							1	
-14	99004-2	. . PIN (Press fit)							1	
-15	99004-1	. . PIN (Press fit)							1	
-16	3591-3CN-0.190	. . INSERT, Helical coil (91767)							3	
-17	283502	. . HOUSING							1	



63-486A

Figure 9-27. Multi-Release Assembly (Rocket Jet P/N 365705-1)

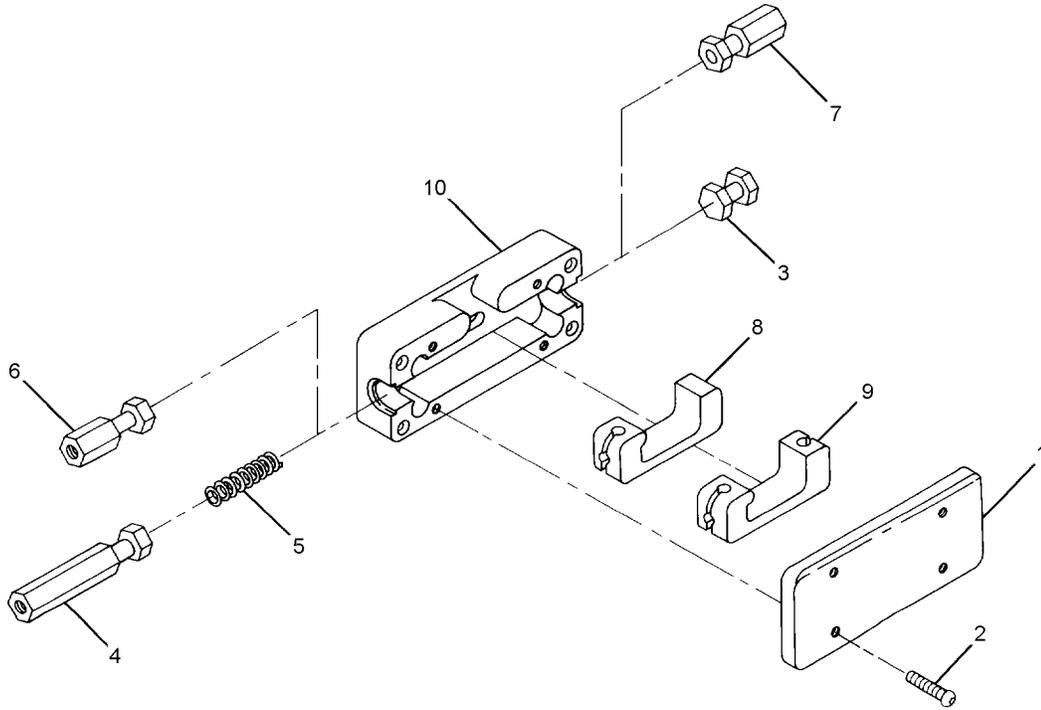
Figure and Index Number	Part Number	Description	Units Per Assembly	Usable On Code
		1 2 3 4 5 6 7		
9-27	365705-1	MULTI-RELEASE ASSEMBLY	REF	
		(See figure 9-20 for NHA)		
	365736-1	. COVER ASSEMBLY	1	
		(ATTACHING PARTS)		
-1	COML	. SCREW Button head sock CD PL	4	
		(4-40NC-3A x 0.25)		
		---*---		
-2	365735	. . LUG, Lever stop	1	
		(ATTACHING PARTS)		
-3	COML	. . SCREW, Button head sock CD PL	2	
		(4-40NC-3A x 3/8)		
		---*---		
-4	365734	. . DECAL, Release cover	1	
-5	365709-1	. . COVER, Release cable	1	
	365712	. LEVER ASSEMBLY, Actuating	1	
-6	365706	. . LEVER	1	
-7	99002-10	. . PIN	1	
-8	MS20613-4C4	. . RIVET	1	
	365713	. LINK ASSEMBLY, Release	1	
-9	365703	. . LINK, Intermediate	1	
-10	365707	. . LINK, Connecting	1	
-11	AN121603	. . PIN, Flat head	1	
-12	AN960C4L	. . WASHER, Flat	1	
-13	MS24665-151	. . PIN, Cotter	1	
-14	365714	. SPRING	1	
	365733-1	. HOUSING ASSEMBLY	1	
-15	99007-4	. . PIN	2	
-16	99004-1	. . PIN	1	
-17	365704-1	. . HOUSING, Machined	1	



63-312A

Figure 9-28. Lid Lock Assemblies (Rocket Jet) (For 283000-7)

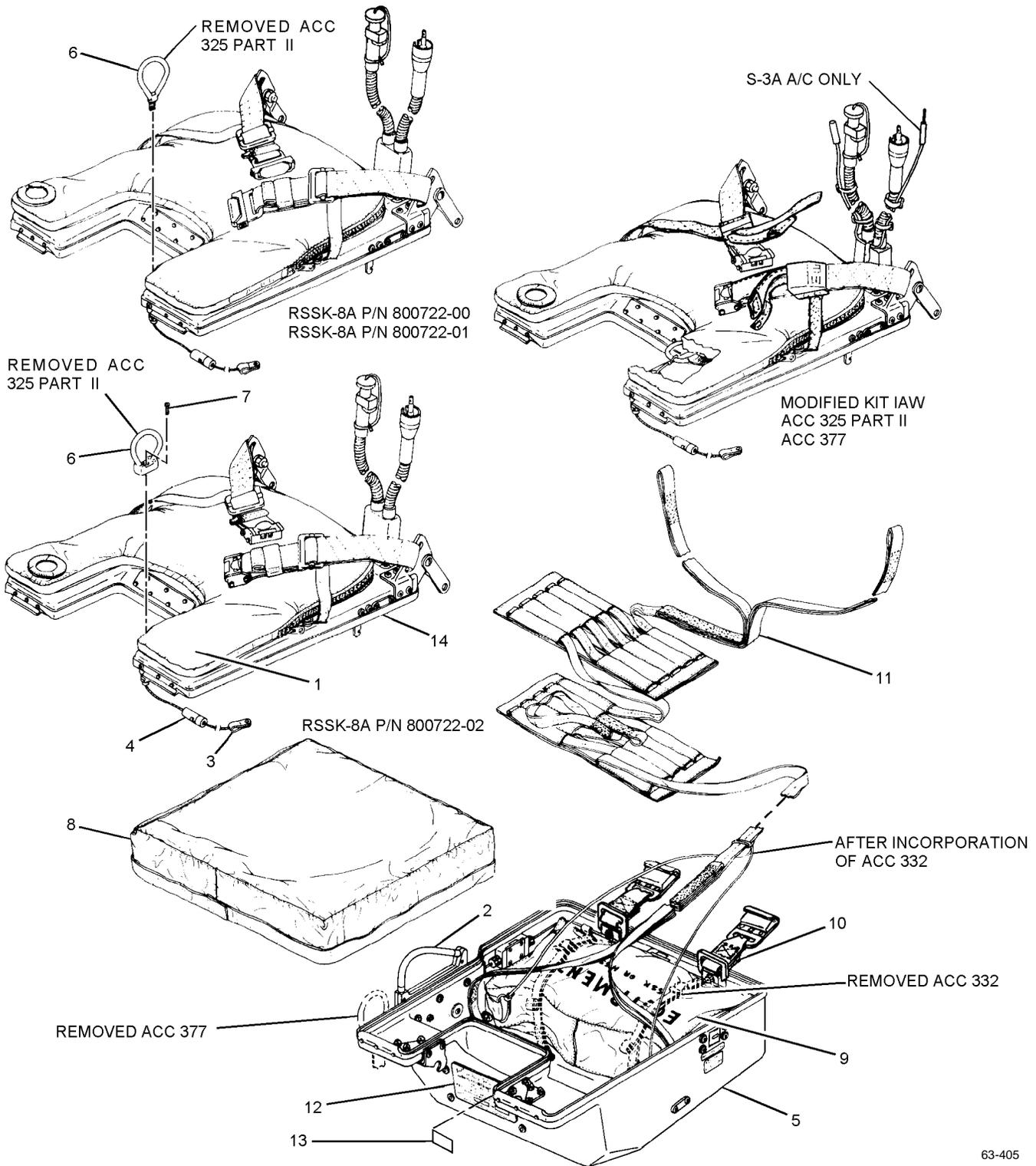
Figure and Index Number	Part Number	Description	1 2 3 4 5 6 7							Units Per Assembly	Usable On Code
9-28	283130	LOCK ASSEMBLY LH								REF	D
		(See figure 9-19 for NHA)									
	283140	LOCK ASSEMBLY RH								REF	E
		(See figure 9-19 for NHA)									
	283150	LOCK ASSEMBLY Center								REF	F
		(See figure 9-19 for NHA)									
-1	283133	. COVER								1	
-2	COML	. SCREW, Flat head sock cap								4	
-3	255511	. PLUG								1	D
-4	142066-2	. NUT, Adjustment, cable								1	D,F
-5	142007	. LOCKNUT, Adjustment, cable								1	D,F
-6	142001-7	. NIPPLE, Cable assembly								1	D,F
-7	119016	. SPRING								1	D
-8	142001-1	. NIPPLE, Cable assembly								1	F
	142001-1	. NIPPLE, Cable assembly								2	E
-9	264003	. SLIDE, Lid lock								1	D
-10	378313	. SLIDE, Lid lock								1	E,F
-11	3591-3CN-0.0285	. INSERT, Helical coil (91767)								4	
-12	283131-2	. HOUSING								1	D,E
	283131-1	. HOUSING								1	F



63-485A

Figure 9-29. Lid Lock Assemblies (Rocket Jet) (For 283000-17)

Figure and Index Number	Part Number	Description	Units Per Assembly							Usable On Code
			1	2	3	4	5	6	7	
9-29	No Number	LOCK ASSEMBLY Lid LH (See figure 9-20 for NHA)							REF	G
	No Number	LOCK ASSEMBLY Lid RH (See figure 9-20 for NHA)							REF	H
	No Number	LOCK ASSEMBLY Lid Center (See figure 9-20 for NHA)							REF	I
-1	7110023	. COVER							1	
-2	COML	. SCREW Button head, sock cap CD PL (4-40 UNC-34 x 3/8)							4	
-3	7110021	. PLUG							1	G
-4	7110024	. ADJUSTER CONDUIT AND CABLE							1	G
-5	7110056	. SPRING 119016							1	G
-6	7110022	. ADJUSTER							2	I
-7	7110022	. ADJUSTER							1	H
-8	264003	. SLIDE							1	G
-9	378313	. SLIDE							1	H,I
-10	7110019-3	. HOUSING							2	G,H
	7110019-1	. HOUSING							1	I



63-405

Figure 9-30. Rigid Seat Survival Kit-8A/8A-1 (Scott)

Figure and Index Number	Part Number	Description 1 2 3 4 5 6 7	Units Per Assembly	Usable On Code
9-30	CL223D999-3	SURVIVAL KIT CONTAINER, Oxygen, RSSK-8A	1	A
	CL223D999-4	SURVIVAL KIT CONTAINER, Oxygen, RSSK-8A	1	B
	CL223D999-5	SURVIVAL KIT CONTAINER, Oxygen, RSSK-8A-1	1	C
-1	800746-00	. CUSHION ASSEMBLY (Note 2)	1	A,B
	800746-01	. CUSHION ASSEMBLY (Note 2)	1	C
-2	800676-03	. HANDLE ASSEMBLY	1	
-3	800720-00	. LANYARD ASSEMBLY	1	
-4	800758-00	. CONNECTOR ASSEMBLY	1	
-5	800729-00	. CONTAINER ASSEMBLY, Lower (See figure 9-31 for BKDN)	1	A
	800729-01	. CONTAINER ASSEMBLY, Lower (See figure 9-31 for BKDN)	1	B,C
-6	800759-00	. RELEASE ASSEMBLY, Manual oxygen (Before ACC 325)	1	A
	801215-00	. RELEASE ASSEMBLY, Manual oxygen (Before ACC 325)	1	B
	801215-01	. RELEASE ASSEMBLY, Manual oxygen (Before ACC 325) (ATTACHING PARTS)	1	C
-7	COML	. SCREW, Self locking, panhead, recessed	1	B,C
	59675-00	. SCREW, Self locking, panhead, recessed	1	B,C
		(53655) ---*---		
-8	36D1321	. COVER, Raft protective (80206)	1	
	58971-00	. COVER, Raft protective (53655)	1	
-9	63A94H7-2	. EQUIPMENT CONTAINER ASSEMBLY	1	A/B
		(Use until exhausted, then use 68A77D4-1)		
	68A77D4-1	. EQUIPMENT CONTAINER ASSEMBLY	1	C
	42262-00	. EQUIPMENT CONTAINER ASSEMBLY	1	C
		(53655)		
-10	1195AS106-1	. STRAP, Retention, parachute	2	
		(Before ACC 377)		
	224C300-1	. STRAP, Retention, parachute (30941)	2	
		(After ACC 377)		
-11	36H1323-31	. DROPLINE	1	
	41781-00	. DROPLINE (53655)	1	
-12	10001444	. PLATE, Identification	1	A,B
	10005108	. PLATE, Identification	1	C
-13	1195AS116-1	. DECAL RSSK-8D (After ACC 377) (KD)	1	
	234C500-1	. DECAL RSSK-8D (30941)	1	

NAVAIR 13-1-6.3-1

Figure and Index Number	Part Number	Description 1 2 3 4 5 6 7	Units Per Assembly	Usable On Code
9-30-14	800723-00	. CONTAINER ASSEMBLY, Upper (See figure 9-33 for BKDN)	1	A,B
	800723-01	. CONTAINER ASSEMBLY, Upper (See figure 9-33 for BKDN)	1	C
	234A100-1	. KIT, Retrofit ACC 377 (30941) (KD)	1	
	Notes: 1. For S-3A A/C only. 2. Alternate cushion foam P/N CF-47100, CONFOR foam (1M331) NIIN 01-370-6116, has been authorized. See Fabrication Section 9-7 .			

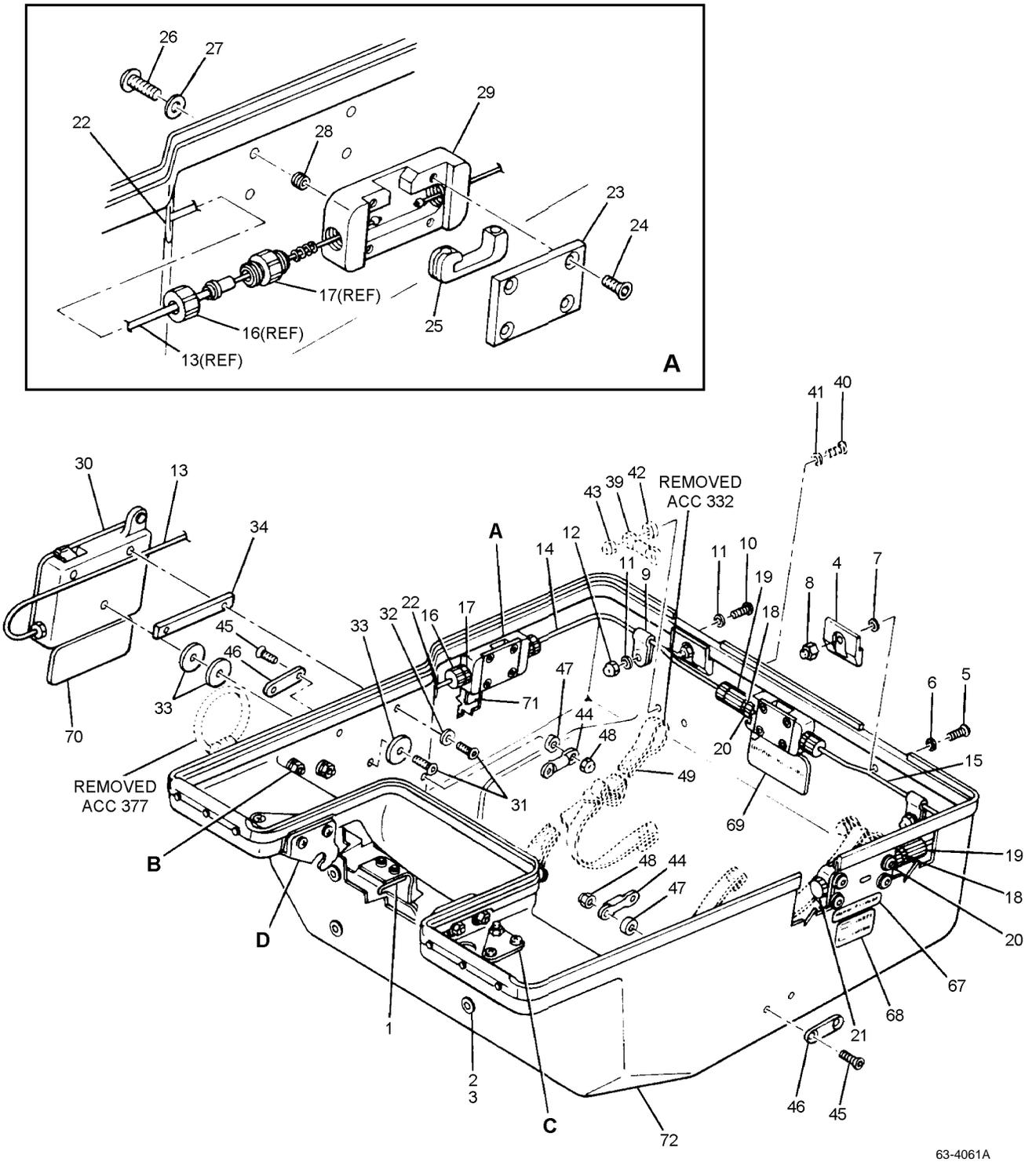


Figure 9-31. Lower Container Assembly (Scott) (Sheet 1 of 2)

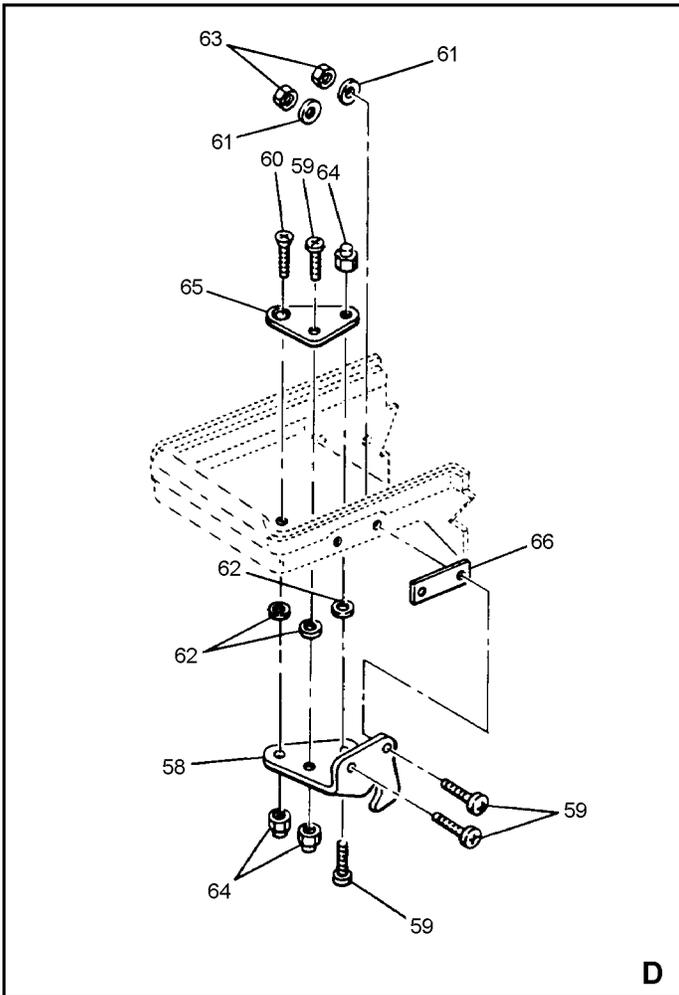
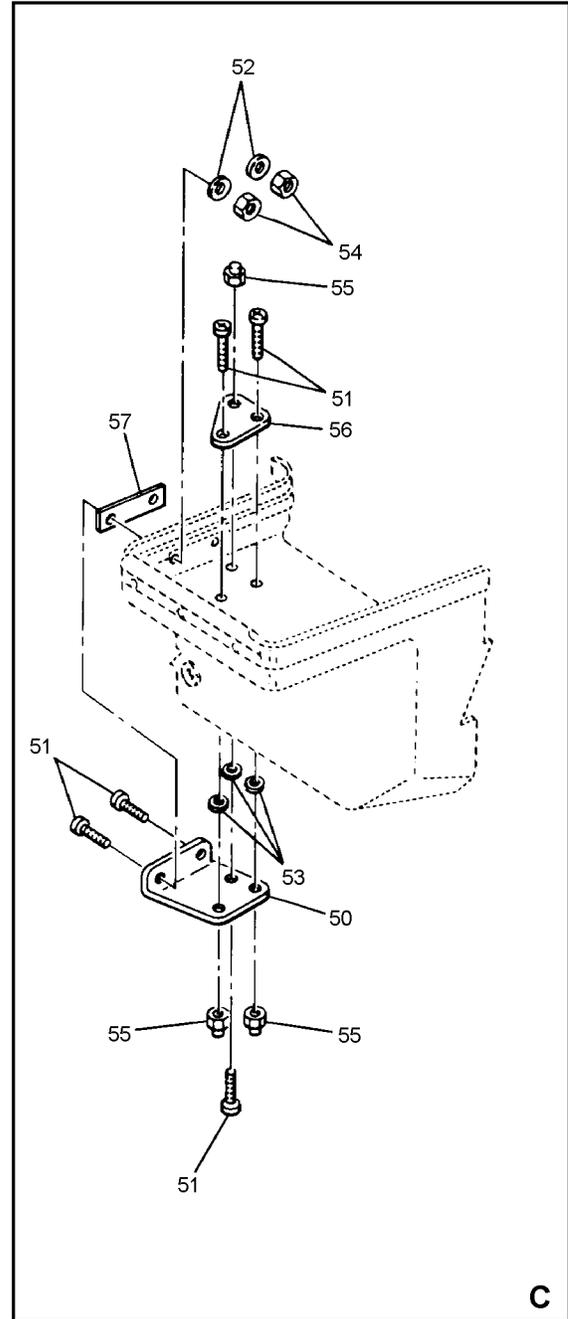
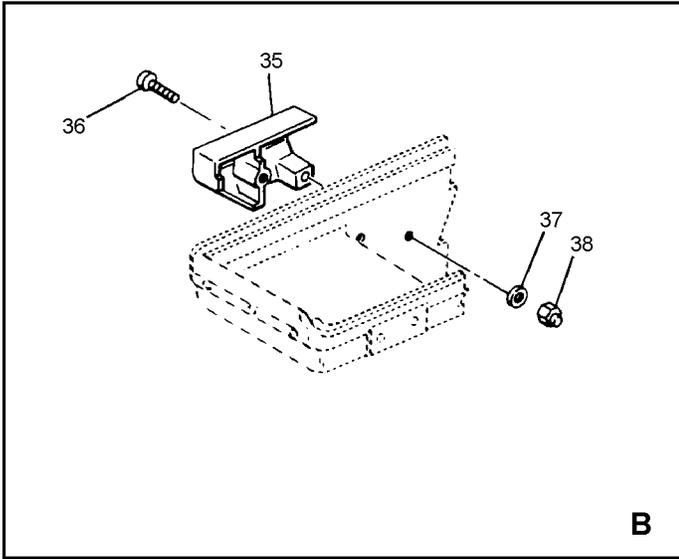


Figure 9-31. Lower Container Assembly (Scott) (Sheet 2 of 2)

Figure and Index Number	Part Number	Description 1 2 3 4 5 6 7	Units Per Assembly	Usable On Code
9-31	800729-00	CONTAINER ASSEMBLY, Lower (See figure 9-30 for NHA)	REF	A
	800729-01	CONTAINER ASSEMBLY, Lower (See figure 9-30 for NHA)	REF	B,C
-1	801494-00	. BRACKET ASSEMBLY (ATTACHING PARTS)	1	B,C
-2	MS20470A4-6	. RIVET	4	B,C
-3	AN960C6L	. WASHER ---*---	4	B,C
-4	1195AS107-1	. CLIP (KD)	2	
	234C431P11	. CLIP (30941) (After ACC 377) (ATTACHING PARTS)	2	
-5	MS35206-246	. SCREW (8-32 x 0.62) (KD)	2	
-6	AN960PD8L	. WASHER (KD)	4	
-7	1195AS108-1	. SPACER (KD)	2	
	224B432-11	. SPACER (30941)	2	
-8	22K1-82	. NUT, Cap self-locking (KD) ---*---	2	
-9	MS25281-F2	. CLAMP, Tube (ATTACHING PARTS)	2	
-10	59004	. SCREW, Button head socket	2	
-11	AN960C6L	. WASHER, Flat	4	
-12	19474	. NUT, Hex metal cap ---*---	2	
-13	800733-00	. CONDUIT ASSEMBLY, Release to RH lock	1	
-14	800734-00	. CONDUIT ASSEMBLY, RH lid lock to rear	1	
-15	800735-00	. CONDUIT ASSEMBLY, Rear to LH lid lock	1	
-16	56300	. NUT, Conduit coupling	1	
-17	19974-1	. NIPPLE, Cable assembly	3	
-18	19560	. NUT, Cable adjust lock	2	
-19	19561	. NUT, Adjustment	2	
-20	19974	. NIPPLE, Cable assembly	2	
-21	10001427	. PLUG	1	
-22	MS35489-31S	. GROMMET	1	
-23	10001426	. COVER, Lid lock (ATTACHING PARTS)	3	
-24	55032	. SCREW, Flat head hex socket 82° ---*---	12	
-25	10001452	. SLIDE, Lid lock	3	

NAVAIR 13-1-6.3-1

Figure and Index Number	Part Number	Description 1 2 3 4 5 6 7	Units Per Assembly	Usable On Code
9-31	800732-00	. BODY ASSEMBLY, Lid lock (ATTACHING PARTS)	3	
-26	55037	. SCREW, Button head socket	12	
-27	AN960C10L	. WASHER, Flat	12	
		---*---		
-28	15351	. . INSERT	12	
-29	10001425	. . HOUSING, Lid lock	1	
-30	800101-01	. ACTUATOR ASSEMBLY, (See figure 9-32 for BKDN) (ATTACHING PARTS)	1	
-31	56192	. SCREW, Button head socket	3	
-32	AN960C10L	. WASHER, Flat	2	
-33	AN970-3	. WASHER	3	
-34	1001439	. SPACER	1	
		---*---		
-35	1195AS113-1	. HANDLE PROTECTOR BRACKET (KD)	1	
	234C450-11	. HANDLE PROTECTOR BRACKET (30941) (After ACC 377) (ATTACHING PARTS)	1	
-36	MS35206-232	. SCREW (6-32 x 0.75) (KD)	2	
-37	AN960PD6L	. WASHER (KD)	2	
-38	22K1-62	. NUT, Cap (KD)	2	
		---*---		
-39	55457	. FOOTMAN BRACKET (Before ACC 332) (ATTACHING PARTS)	4	
-40	56260	. SCREW, Button head socket	8	
		(Before ACC 332)		
-41	AN960C6L	. WASHER, Flat (Before ACC 332)	8	
-42	55422	. SPACER (Before ACC 332)	8	
-43	19474	. NUT, Hex metal cap (Before ACC 332)	8	
		---*---		
-44	55457	. FOOTMAN BRACKET	2	
		(ATTACHING PARTS)		
-45	56288	. SCREW, Flathead socket	4	
-46	10001424	. FOOTMAN BRACKET, Reinforcement	2	
-47	55422	. SPACER	4	
-48	19474	. NUT, Hex metal cap	4	
		---*---		
-49	36C1326-1	. STRAP, Retaining	2	
	41783	. STRAP, Retaining (53655) (Before ACC 332)	2	
-50	1195AS102-1	. BRACKET GUIDE, Left (KD)	1	

Figure and Index Number	Part Number	Description	Units Per Assembly	Usable On Code
9-31	234D410-11	. BRACKET GUIDE, Left (30941) (After ACC 377) (ATTACHING PARTS)	1	
-51	MS51958-64	. SCREW (10-32 x 0.62) (KD)	5	
-52	AN960PD10L	. WASHER (KD)	2	
-53	1195AS105-1	. WASHER SHIM, Laminated (KD)	3	
	234C412-13	. WASHER SHIM, Laminated (30941)	3	
-54	MS21042-3	. NUT, (Self-locking) (KD)	2	
-55	22K1-02	. NUT, (Cap self-locking) (KD) ---*---	3	
-56	1195AS101-1	. BACKPLATE, Guide bracket (KD)	1	
	102C401-15	. BACKPLATE, Guide bracket (30941) (After ACC 377)	1	
-57	1195AS104-1	. SHIM PLATE, Laminated (KD)	1	
	234C412-11	. SHIM PLATE, Laminated (30941) (After ACC 377)	1	
-58	1195AS103-1	. BRACKET GUIDE, Right (KD)	1	
	234D410-13	. BRACKET GUIDE, Right (30941) (After ACC 377) (ATTACHING PARTS)	1	
-59	MS51958-64	. SCREW (10-32 x 0.62) (KD)	4	
-60	MS24693C272	. SCREW, Flat head (KD) (100° Csk 10-32 x 0.50)	1	
-61	AN960PD10L	. WASHER (KD)	2	
-62	1195AS105-1	. WASHER SHIM, Laminated (KD)	3	
	234C412-13	. WASHER SHIM, Laminated (30941)	3	
-63	MS21042-3	. NUT, (Self-locking) (KD)	2	
-64	22K1-02	. NUT, (Cap self-locking) (KD) ---*---	3	
-65	1195AS101-1	. BACKPLATE, Guide bracket (KD)	1	
	102C401-15	. BACKPLATE, Guide bracket (30941) (After ACC 377)	1	
-66	1195AS104-1	. SHIM PLATE, Laminated (KD)	1	
	234C412-11	. SHIM PLATE, Laminated (30941) (After ACC 377)	1	
-67	56098	. DECAL, Manual lid unlock	3	
-68	10001443	. PLATE, Identification, lid lock	3	
-69	10001407	. PLATE, Identification	1	
-70	10001524	. PLATE, Warning	1	
-71	10001614	. PLATE, Instruction	1	
-72	800730-00	. BOTTOM ASSEMBLY, Container	1	A
	800730-01	. BOTTOM ASSEMBLY, Container	1	B,C

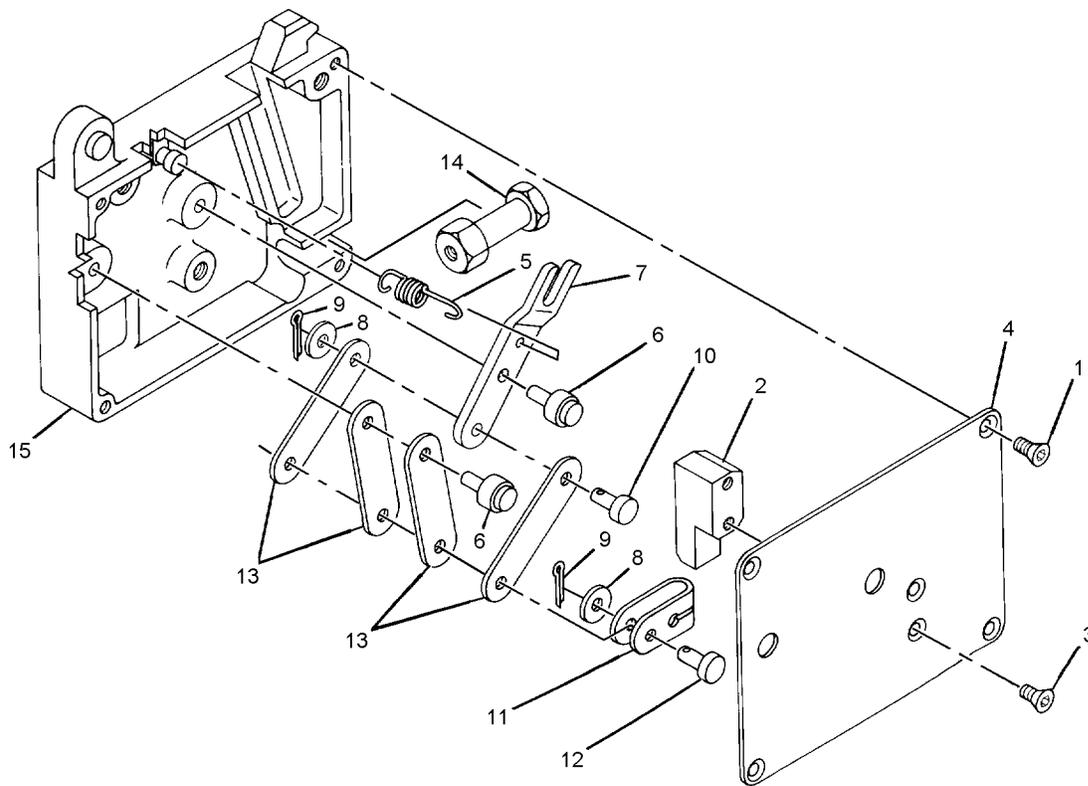
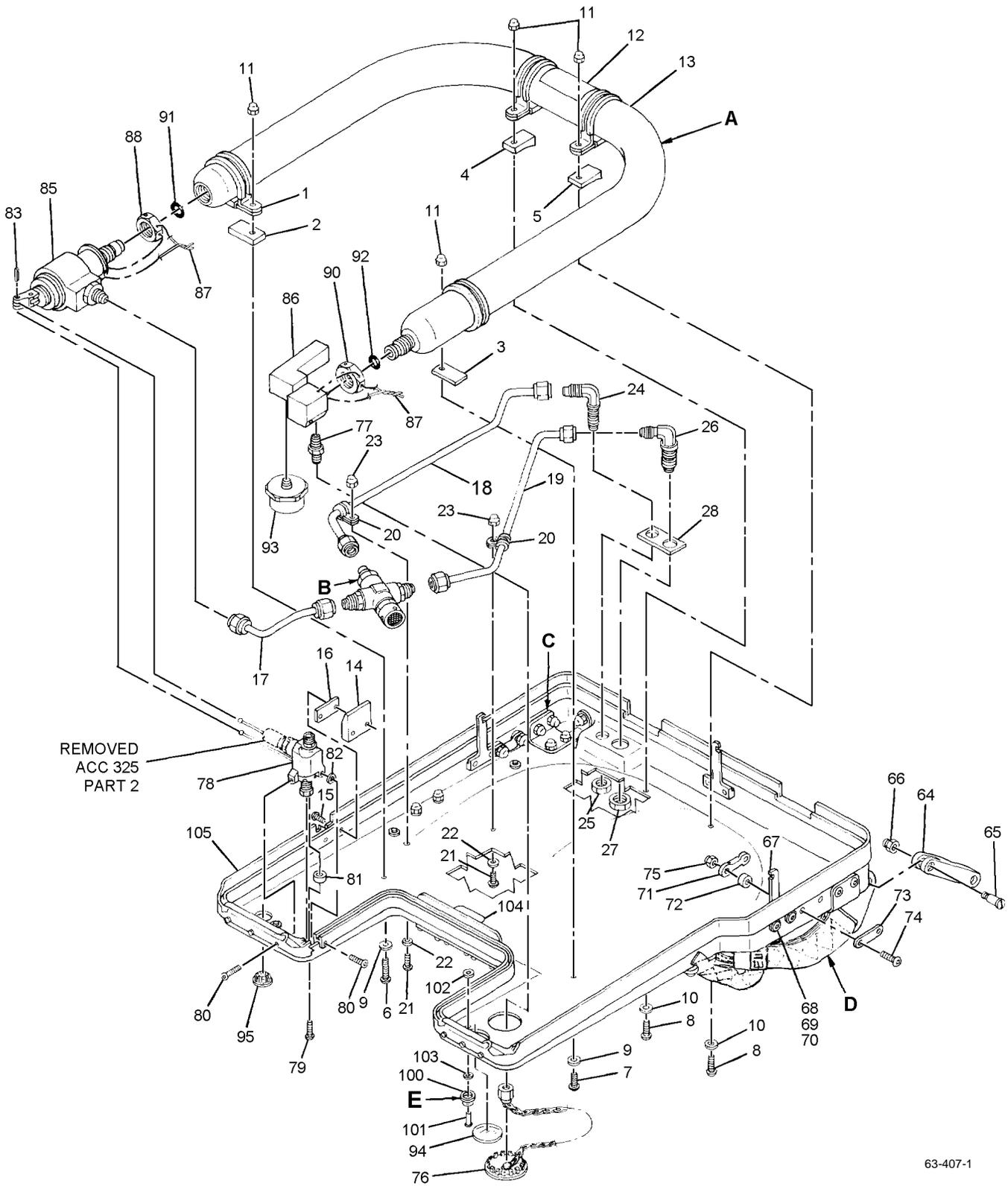


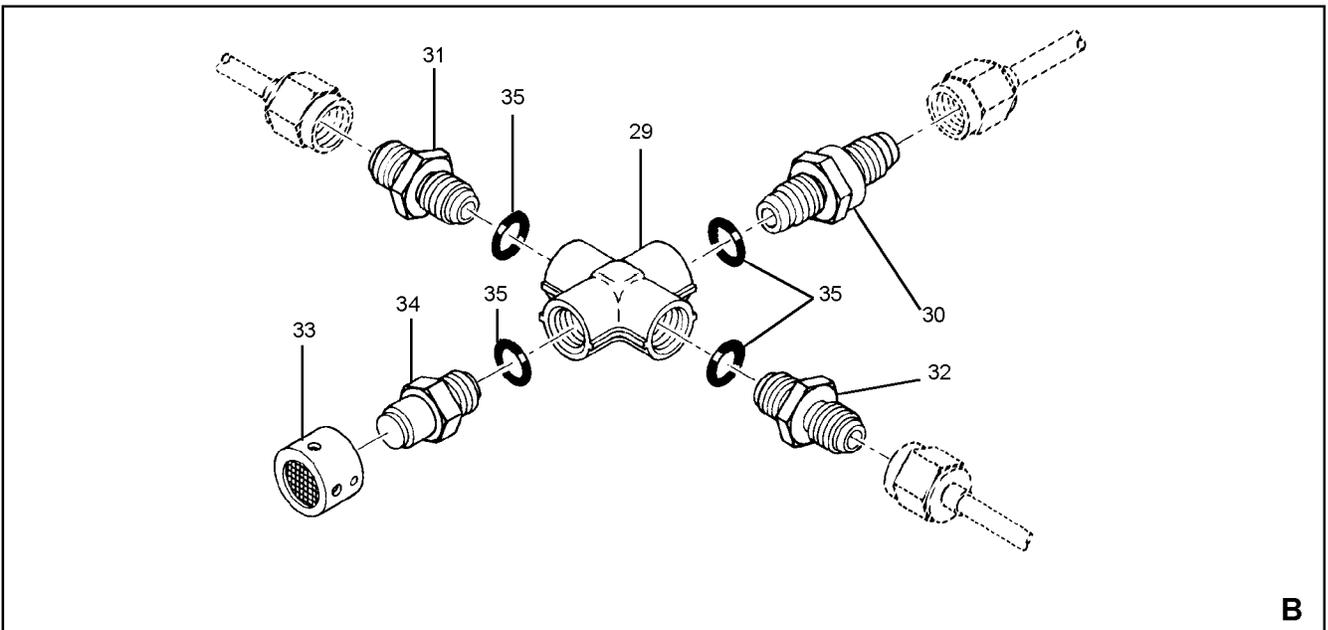
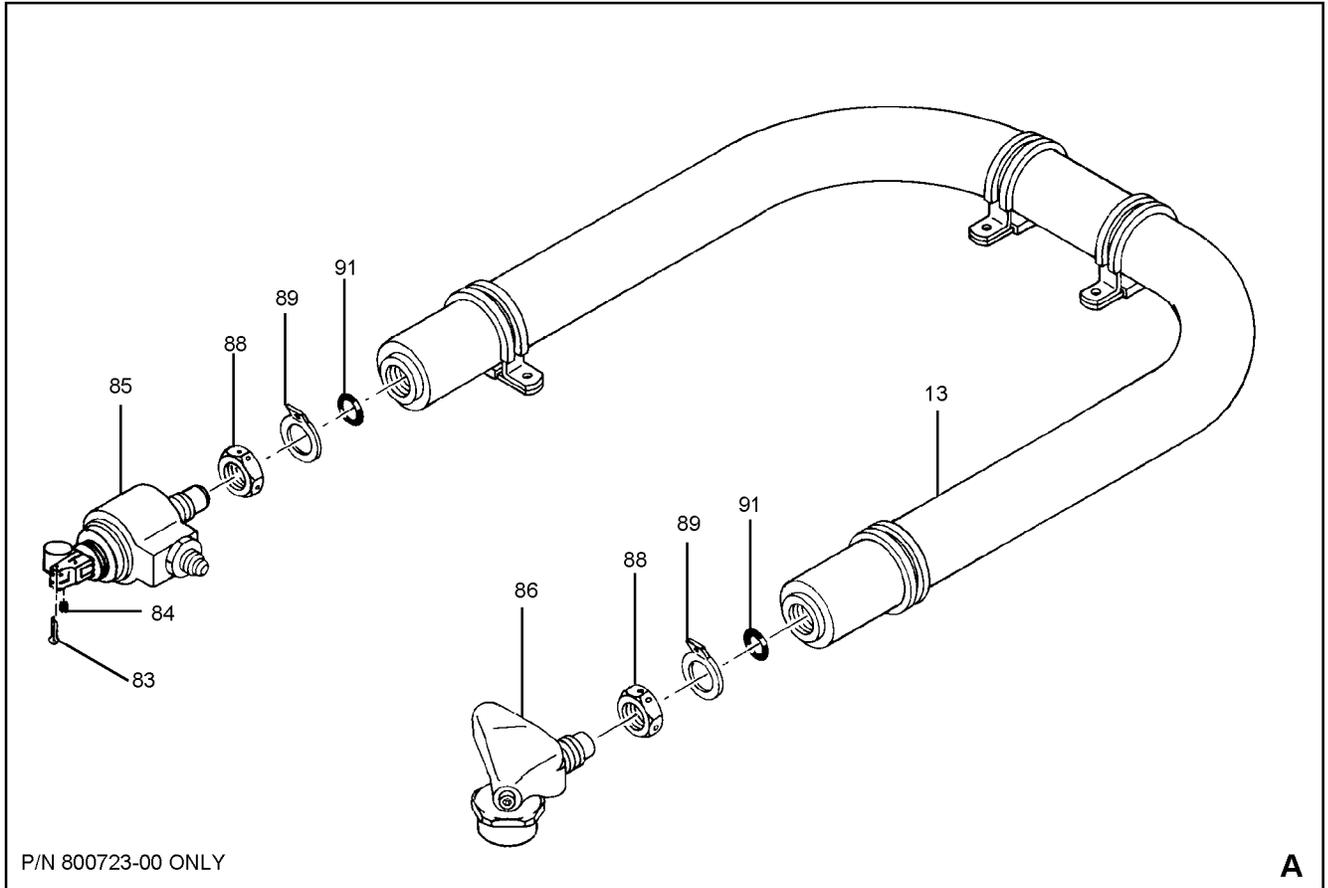
Figure 9-32. Lid Lock Multi-Release Actuator Assembly (Scott)

Figure and Index Number	Part Number	Description	Units Per Assembly	Usable On Code
		1 2 3 4 5 6 7		
9-32	800101-01	ACTUATOR ASSEMBLY, (See figure 9-31 for NHA)	REF	
	800783-00	. COVER ASSEMBLY (ATTACHING PARTS)	1	
-1	55032	. SCREW ---*---	4	
-2	10001522	. . STOP (ATTACHING PARTS)	1	
-3	55032	. . SCREW ---*---	2	
-4	10000508	. . COVER	1	
-5	10000543	. SPRING	1	
-6	10000499	. PIN, Spacer	2	
-7	10000504	. LEVER	1	
-8	AN960C6L	. WASHER	2	
-9	MS24665-132	. PIN, Cotter	2	
-10	MS20392-1C7	. PIN	1	
-11	10000502	. CLEVIS	1	
-12	MS20392-1C9	. PIN	1	
-13	10000503	. LINK	4	
-14	10001517	. SLEEVE, Adjusting	1	
-15	800269-01	. BODY ASSEMBLY	1	



63-407-1

Figure 9-33. Upper Container Assembly (Scott) (Sheet 1 of 3)



63-407-2

Figure 9-33. Upper Container Assembly (Scott) (Sheet 2 of 3)

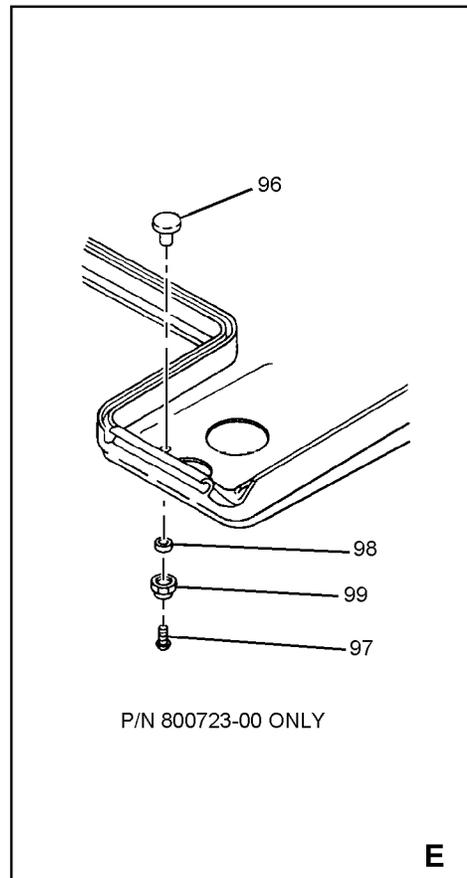
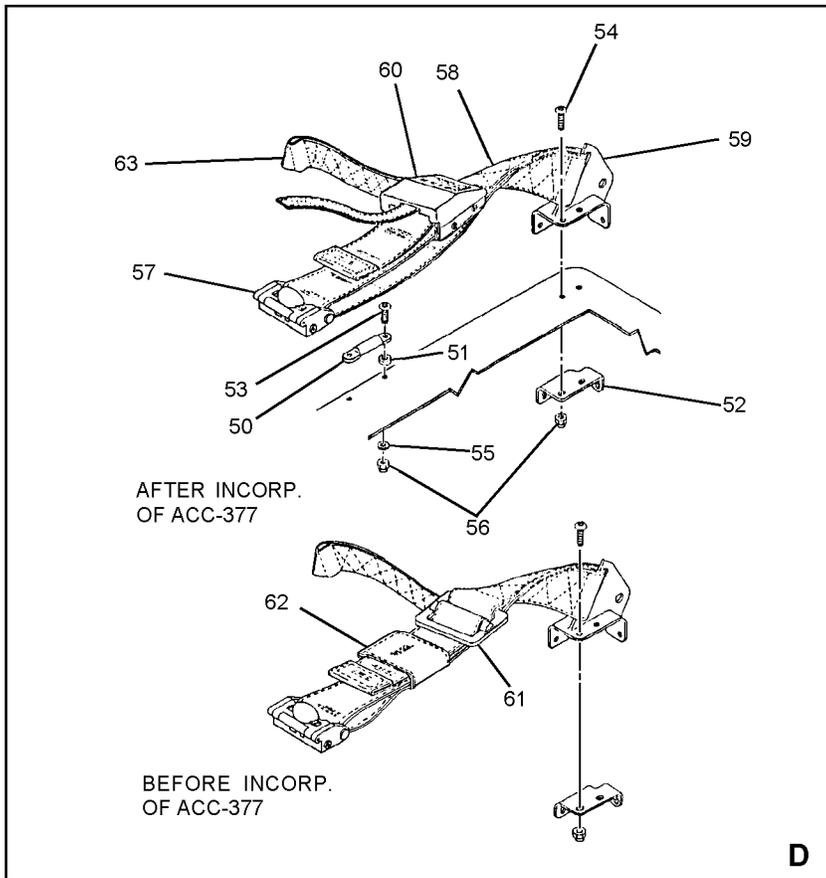
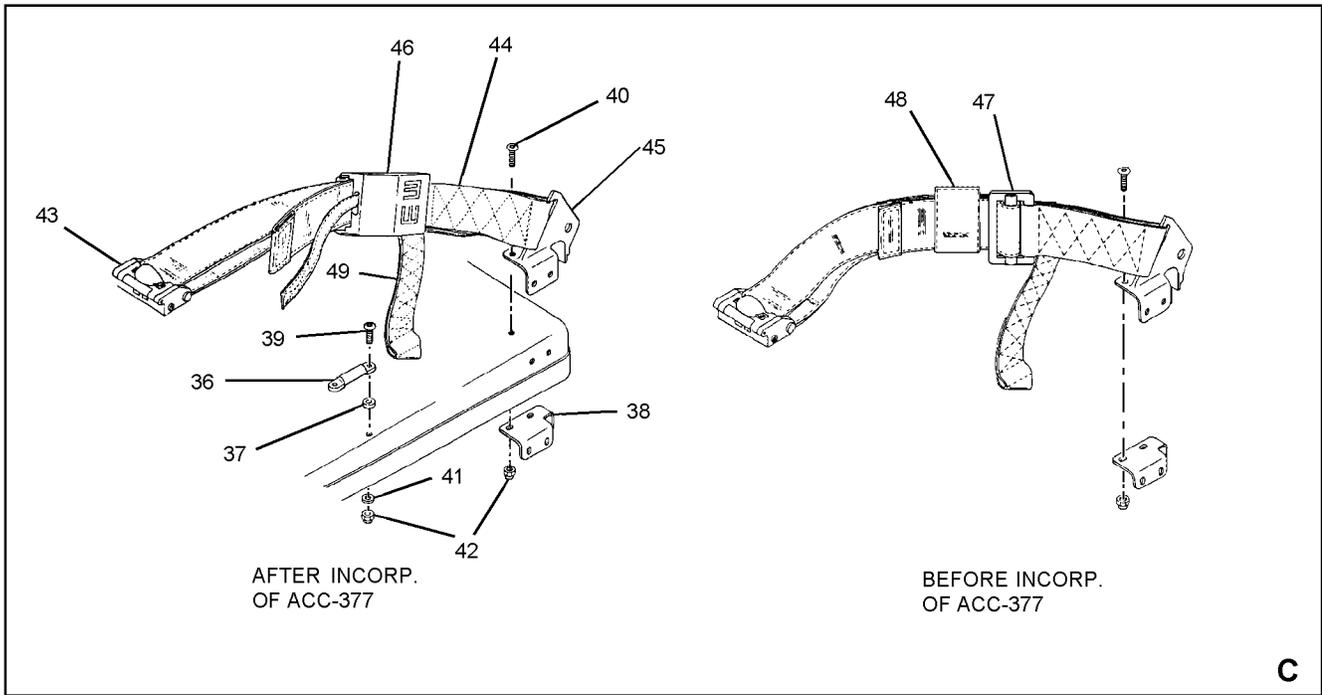


Figure 9-33. Upper Container Assembly (Scott) (Sheet 3 of 3)

Figure and Index Number	Part Number	Description 1 2 3 4 5 6 7	Units Per Assembly	Usable On Code
9-33	800723-00	CONTAINER ASSEMBLY, Upper (See figure 9-30 for NHA)	REF	A,B
	800723-01	CONTAINER ASSEMBLY, Upper (See figure 9-30 for NHA)	REF	C
	800740-01	. CYLINDER ASSEMBLY, Oxygen (Replaces 800740-00)	1	A,B
	802175-01	. CYLINDER ASSEMBLY, Oxygen (ATTACHING PARTS)	1	C
-1	MS21919DG-24	. CLAMP, Tube	4	
-2	10001569	. SPACER, 1/8 in. thick	1	
-3	10001733	. SPACER, 1/16 in. thick	1	
-4	10001462	. PAD, Mounting	1	
-5	10001578	. PAD, Mounting	1	
-6	59150-00	. SCREW, Button head	1	
-7	56192	. SCREW, Button head	1	
-8	56202	. SCREW, Button head	2	
-9	AN960C10L	. WASHER, Flat	2	
-10	2832-19	. WASHER	2	
-11	22K2-02	. NUT, Hex	4	
		---*---		
-12	10001434	. . PLATE, Identification	1	A,B
	10005056	. . PLATE, Identification	1	C
-13	800727-04	. . CYLINDER	1	A,B
	MS90389-8	. . CYLINDER	1	C
-14	10001697	. RESTRAINER	1	
		(ATTACHING PARTS)		
-15	COML	. SCREW, Button head hex socket	2	A,B
		(6-32 NC-3A x 7/16 lg) (Note 5)		
	55039	. SCREW, Button head (Note 5)	2	C
-16	10001818	. SHIM, Strip	A/R	
		---*---		
-17	800744-00	. TUBE ASSEMBLY, Reducer to cross	1	A,B
	800744-01	. TUBE ASSEMBLY, Reducer to cross	1	C
-18	800742-00	. TUBE ASSEMBLY, Inlet	1	
-19	800743-00	. TUBE ASSEMBLY, Outlet	1	
		(ATTACHING PARTS FOR INDEX NOS. 18 AND 19)		
-20	MS21919DG-4	. CLAMP, Tube	2	
-21	55030	. SCREW, Button head	2	
-22	AN960C10L	. WASHER, Flat	2	
-23	22K2-02	. NUT, Hex	2	
		---*---		

NAVAIR 13-1-6.3-1

Figure and Index Number	Part Number	Description 1 2 3 4 5 6 7	Units Per Assembly	Usable On Code
9-33-24	AN833-4D	. ELBOW (ATTACHING PARTS)	1	
-25	AN924-4D	. NUT ---*---	1	
-26	58989	. ELBOW (ATTACHING PARTS)	1	
-27	AN924-5D	. NUT ---*---	1	
-28	10001433	. STIFFENER	1	
-29	AN937-4D	. CROSS	1	
-30	59011-00	. CHECK VALVE	1	
-31	800905-00	. CHECK VALVE ASSEMBLY (Replaced by AN815-4D) (Note 2)	1	A,B
	AN815-4D	. UNION (Replaces 800905-00)	1	
-32	AN815-4D	. UNION	1	
-33	800772-00	. CAP ASSEMBLY, Relief valve	1	
-34	524A-4D-130	. RELIEF VALVE (91816) (Supersedes 524A-4D-120)	1	
	D524A-4D-130	. RELIEF VALVE (91816) (Supersedes 524A-4D-120)	1	
-35	2800B4A	. PACKING, Preformed (Replaced by MS28778-4) (Note 3)	4	A,B
	MS28778-4	. PACKING, Preformed (Replaces 2800B4A)	4	
	800739-01	. HARNESS ASSEMBLY, LH	1	A,B
	802196-11	. HARNESS ASSEMBLY, LH (ATTACHING PARTS)	1	C
-36	10001409	. FOOTMAN BRACKET	1	
-37	55422-01	. SPACER	2	
-38	10001445	. STIFFENER, LH	1	
-39	59150-00	. SCREW, Button head	2	
-40	55035	. SCREW, Button head	5	
-41	AN960C10L	. WASHER, Flat	2	
-42	22K2-02	. NUT, Hex ---*---	7	
-43	58874-00	. . RELEASE ASSEMBLY, Lapbelt	1	A,B
	015-11365-1	. . RELEASE ASSEMBLY, Lapbelt (99449) (Note 1)	1	C
-44	800739-01	. . HARNESS	1	A,B
	802196-11	. . HARNESS	1	C
-45	800738-01	. . . BRACKET ASSEMBLY, LH	1	
-46	1195AS114-1	. ADJUSTER, Restraint harness (KD)	1	
	184C100-1	. ADJUSTER, Restraint harness (30941) (After ACC 377) (Interchangeable with 1195AS114-1 in pairs only)	1	

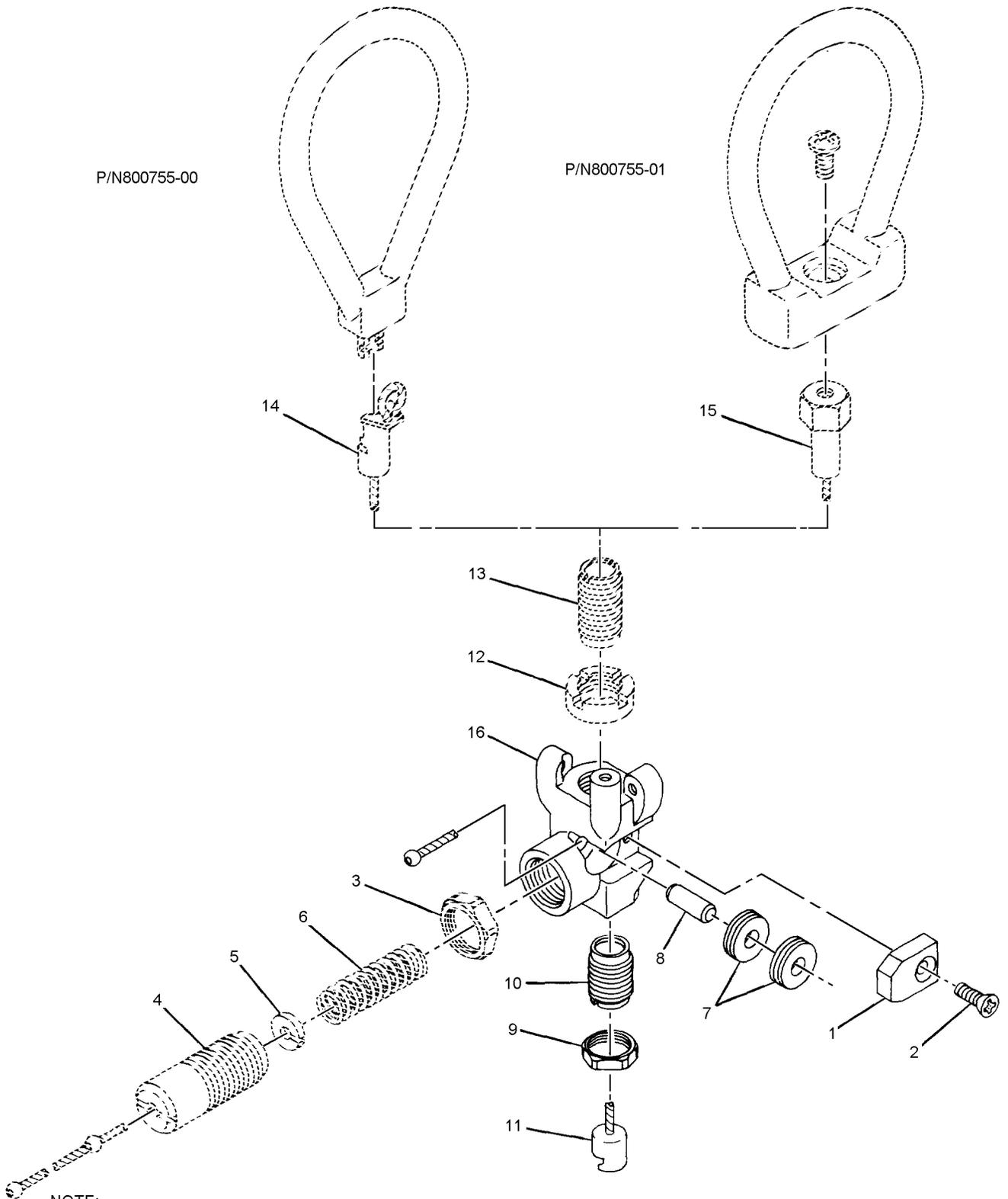
Figure and Index Number	Part Number	Description 1 2 3 4 5 6 7	Units Per Assembly	Usable On Code
9-33-47	MS22040-1	. . ADAPTER	1	
-48	800737-02	. . STRAP LOOP	1	A,B
	802196-17	. . STRAP LOOP	1	C
-49	1195AS115-1	. ANTI-ROTATION STRAP, LH (KD)	1	
	234C600-1	. ANTI-ROTATION STRAP, LH (30941)	1	
		(After ACC 377)		
	800737-01	. HARNESS ASSEMBLY, RH	1	A,B
	802196-12	. HARNESS ASSEMBLY, RH	1	C
		(ATTACHING PARTS)		
-50	10001409	. FOOTMAN BRACKET	1	
-51	55422-01	. SPACER	2	
-52	10001446	. STIFFENER, RH	1	
-53	59150-00	. SCREW, Button head	2	
-54	55030	. SCREW, Button head	5	
-55	AN960C10L	. WASHER, Flat	2	
-56	22K2-02	. NUT, Hex	7	
		---*---		
-57	58874-00	. . RELEASE ASSEMBLY, Lapbelt	1	A,B
	015-11365-1	. . RELEASE ASSEMBLY, Lapbelt (99449)	1	C
		(Note 1)		
-58	800737-01	. . HARNESS	1	A,B
	802196-12	. . HARNESS	1	C
-59	800738-00	. . . BRACKET ASSEMBLY, RH	1	
-60	1195AS114-1	. ADJUSTER, Restraint harness (KD)	1	
	184C100-1	. ADJUSTER, Restraint harness (30941)	1	
		(After ACC 377) (Interchangeable with 1195AS114-1 in pairs only)		
-61	MS22040-1	. . ADAPTER	1	
-62	800737-02	. . STRAP LOOP	1	A,B
	802196-17	. . STRAP LOOP	1	C
-63	1195AS115-2	. ANTI-ROTATION STRAP, RH (KD)	1	
	234C600-2	. ANTI-ROTATION STRAP, RH (30941)	1	
		(After ACC 377)		
-64	10001422	. LUG, Locking-rear	2	
		(ATTACHING PARTS)		
-65	10001423	. SCREW, Shoulder	2	
-66	574373	. NUT, Hex	2	
		---*---		

NAVAIR 13-1-6.3-1

Figure and Index Number	Part Number	Description 1 2 3 4 5 6 7	Units Per Assembly	Usable On Code
9-33-67	1195AS109-1	. LATCH, Lid universal (KD)	3	
	230C535-13	. LATCH, Lid, universal (30941) (After ACC 377) (ATTACHING PARTS)	3	
-68	MS51958-63	. SCREW (10-32 x 0.50) (KD)	6	
-69	AN960PD10L	. WASHER (KD)	6	
-70	1195AS110-1	. SHIM, Tapered (1°-30') (KD)	3	
	230C536-11	. SHIM, Tapered (1°-30') (30941)	3	
	1195AS111-1	. SHIM, Tapered (3°) (KD)	3	
	230C536-13	. SHIM, Tapered (3°) (30941)	3	
	1195AS112-1	. SHIM, Tapered (6°) (KD)	3	
	230C536-15	. SHIM, Tapered (6°) (30941) ---*---	3	
-71	55457	. FOOTMAN BRACKET (ATTACHING PARTS)	2	
-72	55422	. SPACER	4	
-73	55483	. FOOTMAN BRACKET, Reinforcement	2	
-74	59151-00	. SCREW, Button head	4	
-75	19474	. NUT, Hex ---*---	4	
-76	20072-3	. PLUG BUTTON ASSEMBLY	1	
-77	800668-00	. FILLER VALVE ASSEMBLY	1	A,B
	9120097-27	. FILL VALVE (Note 9)	1	
-78	800755-00	. ACTUATOR ASSEMBLY, Emergency O ₂ (See figure 9-34 for BKDN)	1	A,B
	800755-01	. ACTUATOR ASSEMBLY, Emergency O ₂ (See figure 9-34 for BKDN) (ATTACHING PARTS)	1	C
-79	59036-00	. SCREW, Button head (Note 4)	1	
-80	COML	. SCREW, Button head, hex socket (4-40 UNC x 3/8 lg) (Note 4)	2	A,B
	56213	. SCREW, Button head (Note 5)	2	C
-81	20526-2	. SPACER, Laminated	1	
-82	AN960C4	. WASHER, Flat ---*---	1	
-83	MS24665-87	. PIN, Cotter	1	A,B
	MS171433	. PIN, Spring	1	C
-84	AN515-2-4	. SCREW, Round head (Note 5)	1	A,B
-85	800726-10	. PRESSURE REDUCER ASSEMBLY (See figure 9-35 for BKDN) (Replaces 800726-00) (Note 6)	1	AB
	800726-11	. PRESSURE REDUCER ASSEMBLY (See figure 9-35 for BKDN) (Replaces 800726-01) (Note 7)	1	AB

NAVAIR 13-1-6.3-1

Figure and Index Number	Part Number	Description 1 2 3 4 5 6 7	Units Per Assembly	Usable On Code
		Notes (cont): 5. Seal with Loctite, Grade C per MIL-S-22473. 6. Pressure reducer 800726-10 is used on kits serial numbers 101 through 451. 7. Pressure reducer 800726-11 is used on kits serial numbers 452 through 521. 8. When ordering this replacement part, REVISION L must directly follow the P/N. Example (800724-00 REV. L) 9. Fill Valve can be used as an alternate to replace Filler Valve Body Assembly P/N 800668-00.		



63-409-1

Figure 9-34. Emergency O₂ Actuator Assembly (Scott) (Sheet 1 of 2)

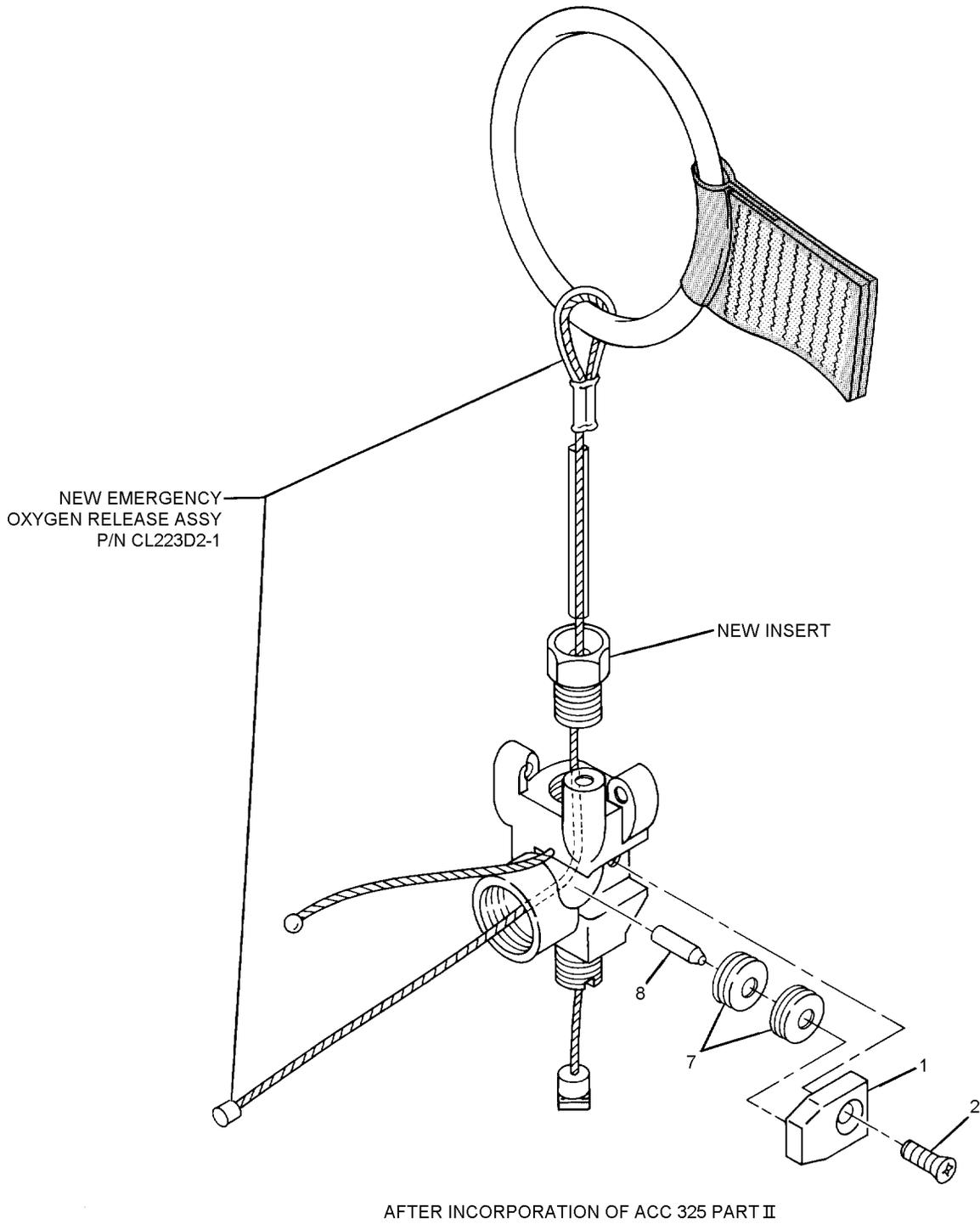
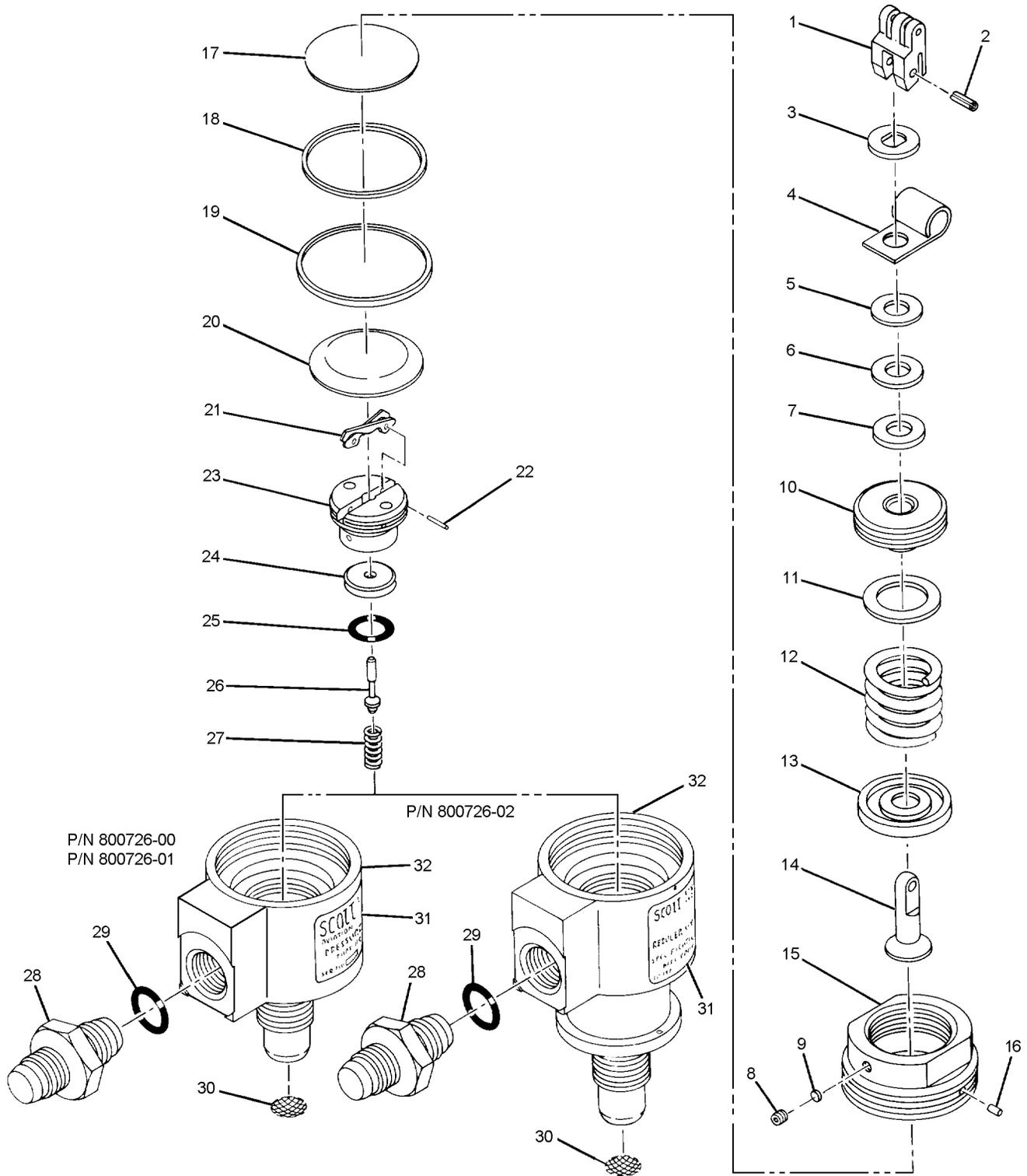


Figure 9-34. Emergency O₂ Actuator Assembly (Scott) (Sheet 2 of 2)

Figure and Index Number	Part Number	Description	Units Per Assembly	Usable On Code
		1 2 3 4 5 6 7		
9-34	800755-00	ACTUATOR ASSEMBLY, Emergency O ₂ (See figure 9-33 for NHA)	REF	A,B
	800755-01	ACTUATOR ASSEMBLY, Emergency O ₂ (See figure 9-33 for NHA)	REF	C
-1	10001466	. COVER	1	
-2	AN505C4R6	. SCREW, (Note 1)	1	
-3	10001472	. NUT (Note 2)	1	
-4	10001491	. HOUSING, Spring (Note 2)	1	
-5	10001492	. RETAINER, Spring (Note 2)	1	
-6	10001476	. SPRING (Note 2)	1	
-7	10001465	. PULLEY	2	
-8	59023	. PIN	1	
-9	56182	. NUT	1	
-10	10001470	. SLEEVE	1	
-11	800757-00	. CONNECTOR AND CABLE ASSEMBLY	1	
-12	10001610	. NUT, Lock (Note 2)	1	
-13	10001469	. SLEEVE (Note 2)	1	
-14	800756-00	. CABLE ASSEMBLY (Note 2)	1	A,B
-15	801214-00	. CONNECTOR AND CABLE ASSEMBLY	1	C
-16	10001464	. BODY	1	
Notes:		1. Apply Loctite Grade E, per MIL-S-22473. 2. Removed ACC 325 Part II.		



63-408A

Figure 9-35. Pressure Reducer Assembly (Scott)

Figure and Index Number	Part Number	Description 1 2 3 4 5 6 7	Units Per Assembly	Usable On Code
	800726-01	PRESSURE REDUCER ASSEMBLY, (See figure 9-33 for NHA)	REF	B
	800726-02	PRESSURE REDUCER ASSEMBLY, (See figure 9-33 for NHA)	REF	C
	800726-10	PRESSURE REDUCER ASSEMBLY, (See figure 9-33 for NHA)	REF	D
	800726-11	PRESSURE REDUCER ASSEMBLY, (See figure 9-33 for NHA)	REF	E
	800726-12	PRESSURE REDUCER ASSEMBLY, (See figure 9-33 for NHA)	REF	F
-1	10001414	. ARM, Toggle	1	A,B
	10005195	. ARM, Toggle	1	C,D,E,F
-2	MS171494	. PIN, Spring	1	
-3	22021	. SPACER	A/R	A,D
	22021-01	. SPACER	1	B,C,E,F
-4	10001809	. SPRING	1	A,D
-5	20364	. SPACER	A/R	
-6	20364-1	. SPACER	A/R	
-7	20364-2	. SPACER	A/R	
-8	AN565D6H2	. SETSCREW	1	
-9	20082	. INSERT, Nylon	1	
-10	20042-3	. RETAINER	1	
-11	10005311	. SPACER	1	B,C,E,F
-12	10000947	. SPRING	1	
-13	22293-1	. PLATE, Thrust	1	
-14	10001417	. PIN, Thrust	1	
-15	20041	. SLEEVE	1	
-16	11622-04	. PLUG	1	
-17	10002468	. PLATE, Thrust	1	A,D
	10005310	. PLATE, Thrust	1	B,C,E,F
-18	11597	. RING, Slip (Note 1)	1	
-19	11594	. DIAPHRAGM	1	
-20	20057	. PLATE, Thrust	1	
-21	26183	. LEVER, Actuating	2	
-22	2836-2	. PIN	2	
-23	10000945	. GUIDE	1	
-24	22199-1	. SEAT, Valve	1	A,B,C
	22199-02	. SEAT, Valve	1	D,E,F
-25	2800A6A	. PACKING, Preformed	1	
-26	10001148	. STEM, Valve	1	
-27	10000948	. SPRING	1	
-28	AN815-4D	. UNION	1	

NAVAIR 13-1-6.3-1

Figure and Index Number	Part Number	Description	Units Per Assembly	Usable On Code
		1 2 3 4 5 6 7		
9-35-29	MS28778-4	. PACKING, Preformed	1	
-30	8820-2	. FILTER	1	
-31	10001410	. PLATE, Identification	1	A
	10003772	. PLATE, Identification	1	B
	10005162	. PLATE, Identification	1	C
	27494-00	. PLATE, Identification	1	D
	27494-01	. PLATE, Identification	1	E
	27494-02	. PLATE, Identification	1	F
-32	10001408	. BODY	1	A,B,D,E
	10005055	. BODY	1	C,F
Notes:		1. Apply Rulon Spray to both sides, Dixon Corp., Bristol, Rhode Island.		

NUMERICAL INDEX (RSSK-8 ROCKET JET)

Part Number	Figure and Index Number	SM&R Code	Part Number	Figure and Index Number	SM&R Code
AN121603	9-27-11			9-25-29	
AN507C632-R10	9-19-59	XBGZZ	CL223D2-3	9-24-16	
AN515C4-4	9-22-32	XAGZZ		9-25-31	
	9-23-29		CL223D2-4	9-24-17	
AN565DC6H2	9-22-3			9-25-32	
AN6289D-3	9-22-41		CL223D2-9	9-24-15	
AN6289D4	9-21-20			9-25-30	
AN6289D5	9-21-28		CL223D999-1	9-18	
AN809-1	9-22-36		CL223D999-2	9-18	
AN814-3D	9-22-23		COML	9-19-17	
AN815-4D	9-21-31			9-19-20	
AN833-4D	9-21-19			9-19-25	
AN937-4D	9-21-33	XBGZZ		9-19-26	
AN960C10	9-19-46			9-19-34	
	9-20-39			9-19-39	
AN960C10L	9-19-19			9-19-44	
	9-19-53			9-19-52	
	9-21-9			9-19-17	
	9-21-17			9-20-21	
	9-21-24			9-20-37	
	9-21-51			9-20-43	
AN960C3	9-19-63	XBGZZ		9-20-54	
AN960C4	9-22-33	XAGZZ		9-21-5	
	9-23-30			9-21-8	
AN960C4L	9-27-12			9-21-16	
AN960C6L	9-19-18			9-21-23	
	9-19-35			9-21-37	
	9-19-40			9-21-44	
	9-20-18			9-21-45	
	9-20-22			9-21-46	
	9-21-55			9-21-49	
AN960PD-4	9-19-58			9-21-54	
	9-20-49			9-21-62	
AN960PD10L	9-19-3			9-21-64	
	9-19-10			9-21-69	
	9-20-3			9-27-1	
	9-20-10			9-27-3	
	9-20-28			9-28-2	
	9-21-59			9-29-2	
AN960PD6L	9-19-49		CS-10	9-22-9	XBGZZ
AN960PD8L	9-19-29		D524A-4D-130	9-21-29	
	9-20-32		MS134352	9-22-20	
AN970-3	9-19-45			9-23-18	
	9-20-38		MS20392-1C17	9-22-2	
BS18-6.2-0.5	9-22-8			9-23-3	
	9-23-7		MS204704A-7	9-19-57	
CL204D2-1	9-19-56			9-20-48	
	9-20-47		MS20613-4C4	9-27-8	
CL223D2-1	9-24-14		MS2066-4C2	9-25-27	XAGZZ

NUMERICAL INDEX (RSSK-8 ROCKET JET) (Cont)

Part Number	Figure and Index Number	SM&R Code	Part Number	Figure and Index Number	SM&R Code
MS21042-3	9-19-5			9-25-10	
	9-19-12			9-25-12	
	9-20-5			9-25-18	
	9-20-12		RA6170-2	9-25-24	
MS21919-DG24	9-21-7		015-11365-1	9-18-5	PAOZZ
MS21919-DG4	9-21-15		0300-022-0500M	9-25-21	
	9-21-22		102C401-15	9-19-14	
MS22040-1	9-21-41			9-20-14	
MS24665-151	9-22-1		119016	9-28-7	
	9-23-1		1195AS101-1	9-19-14	PAGZZ
	9-27-13			9-20-14	
MS24665-229	9-23-2		1195AS102-1	9-19-1	PAGZZ
MS24677-8	9-22-13			9-20-1	
MS24693C272	9-19-9		1195AS103-1	9-19-7	PAGZZ
	9-20-9			9-20-7	
MS25281-F2	9-19-33		1195AS104-1	9-19-15	
	9-19-38			9-20-15	
	9-20-26		1195AS105-1	9-19-4	
MS25281-F3	9-20-26			9-19-11	
MS27983-2	9-21-66			9-20-4	
	9-33-99			9-20-11	
	9-33-100		1195AS106-1	9-18-4	PAGZZ
MS27983-3	9-21-65		1195AS107-1	9-19-27	PAGZZ
	9-33-96			9-20-30	
MS28773-03	9-22-40		1195AS108-1	9-19-30	PAGZZ
MS35206-232	9-19-48			9-20-33	
MS35206-246	9-19-28		1195AS109-1	9-21-57	PAGZZ
	9-20-31		1195AS110-1	9-21-60	
MS35207-262	9-20-27		1195AS111-1	9-21-60	
MS35490-25	9-19-54		1195AS112-1	9-21-60	
	9-20-45		1195AS113-1	9-19-47	PAGZZ
MS51958-63	9-21-58		1195AS114-1	9-21-40	PAGZZ
MS51958-64	9-19-2		1195AS115-1	9-21-43	
	9-19-8		1195AS115-2	9-21-43	
	9-20-2		1195AS116-1	9-18-17	
	9-20-8		142001-1	9-28-8	
MS51965-52	9-25-20	XBGZZ	142001-7	9-28-6	PAOZZ
P60FS6-32-8CR	9-23-11		142007	9-28-5	
RAL2487	9-25-9	XAGZZ	142010	9-24-11	
	9-25-13			9-25-3	
	9-25-19		142066-2	9-28-4	
RAL2487-041-125	9-24-3		184C100-1	9-21-40	
	9-24-6		195010	9-26-11	XAGZZ
RAL2487-2	9-25-28	XAGZZ	195011	9-26-10	
RA2500-2	9-25-26	XAGZZ	195012	9-26-9	
RA6170	9-24-2	XAGZZ	195015	9-26-3	
	9-24-5		195016-1	9-26-4	

NUMERICAL INDEX (RSSK-8 ROCKET JET) (Cont)

Part Number	Figure and Index Number	SM&R Code	Part Number	Figure and Index Number	SM&R Code
195016-3	9-26-5		234C600-2	9-21-43	
195018	9-19		234D410-11	9-19-1	
195019	9-19-69	XAGZZ		9-20-1	
195047	9-26	XAGZZ	234D410-13	9-19-7	
195048	9-26-6		195016-3	9-20-7	
22K1-02	9-19-6		234D412-13	9-20-11	
	9-19-13		24410-1	9-24-7	
	9-20-6			9-25-14	
	9-20-13		255211-1	9-21-48	PAGZZ
	9-20-29		255212-1	9-21-50	
22K1-62	9-19-50		255453	9-20	
22K1-82	9-19-31		255454	9-20-60	
	9-20-34		255455	9-20	
22K2-02	9-21-10	XAGZZ	255456	9-20-52	
	9-21-18		255457	9-20-57	
	9-21-25		255463	9-20-58	
	9-21-38		255464-1	9-20-51	
	9-21-52		255511	9-28-3	
	9-21-63		2624A-4TT	9-21-30	XAGZZ
22K2-048	9-21-36		264003	9-28-9	
22K2-62	9-19-19			9-29-8	
	9-19-22		283100-17	9-18-14	
	9-19-36			9-20	
	9-19-41		283100-7	9-18-14	XAGGG
	9-20-19			9-19	
	9-20-23		283101-17	9-20-46	
	9-21-56		283101-7	9-19-55	XAGGG
224B432-11	9-19-30		283116	9-19-32	PAOZZ
	9-20-33		283117	9-19-37	PAOZZ
224C300-1	9-18-4		283118	9-19-42	PAOZZ
22414	9-25-25		283130	9-19-51	PAOZZ
230C535-1	9-21-57			9-28	
230C536-11	9-21-60		283131-1	9-28-12	XAGZZ
230C536-13	9-21-60		283131-2	9-28-12	XAGZZ
230C536-15	9-21-60		283133	9-28-1	XAGZZ
234A100-1	9-18		283140	9-19-51	PAOZZ
	9-30			9-28	
234C412-11	9-19-15		283150	9-19-51	PAOZZ
	9-20-15			9-28	
234C412-13	9-19-4		283164	9-24-4	
	9-20-4			9-25-11	
	9-19-11		283165	9-25-16	XAGZZ
234C431-11	9-19-27		283166	9-25	XAGZZ
	9-20-30		283168	9-21-1	
234C450-11	9-19-47			9-24-13	
234C600-1	9-21-43			9-25	

NUMERICAL INDEX (RSSK-8 ROCKET JET) (Cont)

Part Number	Figure and Index Number	SM&R Code	Part Number	Figure and Index Number	SM&R Code
283169	9-25	XAGZZ	283492	9-18-7	
283170	9-24-8	XAGZZ	283500	9-19-43	PAOGG
	9-25-7			9-26	
283171	9-25-8	XAGZZ	283501	9-26	XAGZZ
283180-1	9-25	PAOZZ	283502	9-26-17	XAGZZ
283181	9-24-12	XAGZZ	283504	9-26-1	
	9-25-15		283505	9-26-7	PAOZZ
283182	9-24-10	XAGZZ	283557	9-19-60	XAGZZ
	9-25-5		283606	9-22-43	PAOZZ
283184-1	9-25	XAGZZ	283607	9-22-46	
283185	9-24	XAGZZ		9-23-39	
	9-25		283608	9-22-45	
283190	9-25-1	PAOZZ		9-23-38	
283193	9-25-2		283650-7	9-21-6	
283200-17	9-18-6			9-22	
	9-21		283650-9	9-21-6	
283200-7	9-18-6	XAGGG		9-23	
	9-21		283685	9-21-13	PAOZZ
283201-17	9-21-67		283686	9-21-14	PAOZZ
283201-7	9-21-67	XAGGG	283687	9-21-21	PAOZZ
283206-1	9-21-11	PAOZZ	283690	9-25-17	XAGZZ
283207-1	9-21-12	PAOZZ	3-903E515-80	9-22-28	
283216	9-21-35			9-23-21	
283222	9-21-26		308187	9-19-24	XAGZZ
283235	9-21-27		308188	9-19-23	XAGZZ
283254-1	9-21-47		308411	9-21-70	
283254-2	9-21-47		327553	9-19-62	XAGZZ
283273-1	9-21-39	XAGZZ	327554	9-19-61	XAGZZ
283273-2	9-21-39	XAGZZ	327555	9-19-64	XAGZZ
283274-1	9-21	PAOZZ	327556	9-19-65	XAGZZ
283274-2	9-21	PAOZZ	347170	9-18-1	PAOZZ
283275	9-21-34			9-19	
283277-1	9-21-61		347171-1	9-19-70	XAGZZ
283277-2	9-21-61		347171-2	9-19-71	XAGZZ
283277-3	9-21-61		3591-3CN-0.0285	9-28-11	
283277-4	9-21-61		3591-3CN-0.190	9-26-16	
283278	9-21-42		36D1321	9-18-9	
283280	9-21	PAOZZ	365600-3	9-22-48	PAOGG
283300-7	9-18	PAOZZ		9-23-41	
283310-7	9-18-2	XAGGG	365605	9-22-49	
283320-7	9-18-3	XAGGG		9-23-42	
283470-7	9-18-11		365623	9-24-9	XAGZZ
283472	9-18-12			9-25-6	
283480	9-21-2		365624-3	9-25-4	
	9-25		365680	9-22-39	
283490	9-18		365682	9-25-23	XAGZZ
283491	9-18-8		365695	9-22-31	PAOZZ

NUMERICAL INDEX (RSSK-8 ROCKET JET) (Cont)

Part Number	Figure and Index Number	SM&R Code	Part Number	Figure and Index Number	SM&R Code
365695	9-23-28		7110017-2	9-20-56	
365700-1	9-19-16	PAOZZ	7110019-1	9-29-10	PAOZO
	9-20-16		7110019-3	9-29-10	PAOZO
	9-21-53		7110021	9-29-3	
365703	9-27-9		7110022	9-29-6	PAOZO
365704-1	9-27-17			9-29-7	
365705-1	9-20-36		7110023	9-29-1	PAOZO
	9-27		7110024	9-29-4	PAOZO
365706	9-27-6		7110027	9-20-24	
365707	9-27-10		7110028	9-20-25	PAOZO
365709-1	9-27-5		7110030	9-20-35	PAOZO
365712	9-27	PAOZZ	7110056	9-29-5	
365713	9-27	PAOZZ	723103	9-22-21	PAOZZ
365714	9-27-14			9-23-19	
365718	9-19		723104	9-22-18	PADZZ
365733-1	9-27			9-23-16	
365734	9-27-4		723106	9-22-16	XAGZZ
365735	9-27-2			9-23-14	
365736-1	9-27	PAOZZ	723107	9-22-17	XBGZZ
378313	9-28-10			9-23-15	
	9-29-9		723111	9-22-11	
40-3594-	9-22-26		723112	9-22-10	
12380-060	9-23-23		723133	9-22-29	
524A-4D-120	9-21-29			9-23-26	
524A-4D-130	9-21-29		723134	9-22-15	PADZZ
655418	9-20-53			9-23-13	
68A77D4-1	9-18-10		741130	9-20-20	PAOZZ
6999002-1	9-18-16		741374	9-23-9	PAOZZ
6999002-3	9-23-40		741376	9-23-35	
6999002-5	9-23-24		741800	9-23	PAOZZ
7010009	9-21-3	PAGZG	741810	9-23	
7010012-1	9-24		741811	9-23-34	
7010013	9-24-1		767000-1	9-22	
7010032	9-21-4	PAOZO	767000-5	9-22	
	9-24		767000-7	9-23	
7110004	9-23-36	PAOZO	767100	9-22-5	
7110007-1	9-21-39		767100-3	9-23-4	PAOZO
7110007-2	9-21-39		767106	9-22-22	
7110008-1	9-21	PAOZO		9-23-20	
7110008-2	9-21	PAOZO	767300	9-22-28	XAGZZ
7110009	9-21-68		767300-1	9-22-28	XAGZZ
7110010	9-23-8	PAGZO	767300-3	9-23-25	
7110012	9-21-48	PAOZO	767400	9-22-12	XAGZZ
7110015	9-18-1		767400-1	9-23-10	
	9-20		767600	9-22-25	
7110016	9-20-50			9-23-22	
7110017-1	9-20-55		767700	9-22-42	PAOZZ

NUMERICAL INDEX (RSSK-8 ROCKET JET) (Cont)

Part Number	Figure and Index Number	SM&R Code	Part Number	Figure and Index Number	SM&R Code
767800	9-22	PAOZZ	99003-7	9-25-22	
767850	9-22	XAGZZ		9-26-8	
767851	9-22-37	XAGZZ	99004-1	9-26-15	XAGZZ
767852	9-23-33			9-27-16	
767860	9-22	XAGZZ	99004-2	9-26-14	XAGZZ
	9-23		99007-1	9-19-67	XAGZZ
767861	9-22-34	XAGZZ	99007-4	9-27-15	
	9-23-31		99008-1	9-26-12	
767862	9-22-35	XAGZZ	99050-1	9-22-47	
	9-23-32		99050-2	9-22-27	
767900	9-22-4		99071	9-26-2	
767901	9-22-7	XAGZZ	99112	9-18-13	
767901	9-23-6		99136-111-11	9-22-30	
767901-11	9-22-6	XAGZZ	99136-111-15	9-22-30	
	9-23-5			9-23-27	
767902	9-22-14	XBGZZ	99136-12-11	9-22-19	
767902-3	9-23-12			9-22-44	
850	9-18-15		99136-12-15	9-22-44	
9120097-27	9-22-37A	PAGZZ		9-23-17	
	9-23-34A	PAGZZ		9-23-37	
99002-10	9-27-7		99136-52-15	9-22-24	
99002-2	9-26-13		99136-52-15	9-22-38	
99002-6	9-19-68	XAGZZ		9-23-21	
99002-7	9-20-59		99136-53-5	9-21-32	
99003-6	9-19-66	XAGZZ			

NUMERICAL INDEX (RSSK-8 SCOTT)

Part Number	Figure and Index Number	SM&R Code	Part Number	Figure and Index Number	SM&R Code
AN227-61	9-33-96		MS21919DG-4	9-33-20	PAGZZ
AN227-68	9-33-99	PAGZZ	MS22040-1	9-33-47	
	9-33-100			9-33-61	
AN505C4R6	9-34-2	PAGZZ	MS24665-132	9-32-9	PAGZZ
AN515-2-4	9-33-84	PAGZZ	MS24665-87	9-33-83	PAGZZ
AN565D6H2	9-35-8	PAGZZ	MS24693C272	9-31-60	
AN815-4D	9-33-31	PAGZZ	MS25281-F2	9-31-9	PAGZZ
	9-33-32		MS28775-012	9-33-92	PAGZZ
	9-35-28		MS28775-111	9-33-91	PAGZZ
AN833-4D	9-33-24	PAGZZ	MS28778-4	9-33-35	PAGZZ
AN924-4D	9-33-25	PAGZZ		9-35-29	
AN924-5D	9-33-27	PAGZZ	MS35206-232	9-31-36	
AN937-4D	9-33-29	PAGZZ	MS35206-246	9-31-5	
AN960C10L	9-31-27	PAGZZ	MS35489-31S	9-31-22	PAGZZ
	9-31-32		MS51958-63	9-33-68	
	9-33-9		MS51958-64	9-31-51	
	9-33-22			9-31-59	
	9-33-41		MS90389-8	9-33-13	PAGZZ
	9-33-55		NAS42DD4-7	9-33-103	PAGZZ
AN960C4	9-33-82	PAGZZ	015-11365-1	9-33-43	PAOZZ
AN960C6L	9-31-3	PAGZZ		9-33-57	PAGZZ
	9-31-11		100-1435	9-33-104	MDGZZ
	9-31-41		10000499	9-32-6	PAGZZ
	9-32-8		10000502	9-32-11	PAGZZ
AN960PD-4	9-33-102	XBGZZ	10000503	9-32-13	PAGZZ
AN960PD10L	9-31-52		10000504	9-32-7	PAGZZ
	9-31-61		10000508	9-32-4	MDGZZ
	9-33-69		10000543	9-32-5	PAGZZ
AN960PD6L	9-31-37		10000945	9-35-23	PAGZZ
AN960PD8L	9-31-6		10000947	9-35-12	PAGZZ
AN970-3	9-31-33	PAGZZ	10000948	9-35-27	PAGZZ
CL223D999-3	9-30		10001148	9-35-26	PAGZZ
CL223D999-4	9-30		10001407	9-31-69	MDGZZ
CL223D999-5	9-30		10001408	9-35-32	XAGZZ
COML	9-30-7		10001409	9-33-36	PAGZZ
	9-33-15			9-33-50	
	9-33-80		10001410	9-35-31	MDGZZ
D524A-4D-130	9-33-34		10001414	9-35-1	PAGZZ
MS171433	9-33-83	PAGZZ	10001417	9-35-14	PAGZZ
MS171494	9-35-2	PAGZZ	10001422	9-33-64	PAGZZ
MS20392-1C7	9-32-10	PAGZZ	10001423	9-33-65	PAGZZ
MS20392-1C9	9-32-12	PAGZZ	10001424	9-31-46	PAGZZ
MS20470A4-6	9-31-2	PAGZZ	10001425	9-31-29	XAGZZ
MS20613-4P8	9-33-101	PAGZZ	10001426	9-31-23	PAGZZ
MS20995C20	9-33-87		10001427	9-31-2	1PAGZZ
MS21042-3	9-31-54		10001433	9-33-28	MDGZZ
	9-31-63		10001434	9-33-12	MDGZZ
MS21919DG-24	9-33-1	PAGZZ			

NUMERICAL INDEX (RSSK-8 SCOTT) (Cont)

Part Number	Figure and Index Number	SM&R Code	Part Number	Figure and Index Number	SM&R Code
10001439	9-31-34	PAGZZ	1195AS102-1	9-31-50	PAGZZ
10001443	9-31-68	MDGZZ	1195AS103-1	9-31-58	PAGZZ
10001444	9-30-12	MDGZZ	1195AS104-1	9-31-57	
10001445	9-33-38	MDGZZ		9-31-66	
10001446	9-33-52	MDGZZ	1195AS105-1	9-31-53	
10001452	9-31-25	PAGZZ		9-31-62	
10001454	9-33-88	PAGZZ	1195AS106-1	9-30-10	PAGZZ
10001462	9-33-4	MDOZZ	1195AS107-1	9-31-4	PAGZZ
10001464	9-34-16	XAGZZ	1195AS108-1	9-31-7	PAGZZ
10001465	9-34-7	PAGZZ	1195AS109-1	9-33-67	
10001466	9-34-1	XAGZZ	1195AS110-1	9-33-70	
10001469	9-34-13	XAGZZ	1195AS111-1	9-33-70	
10001470	9-34-10	XAGZZ	1195AS112-1	9-33-70	
10001472	9-34-3	XAGZZ	1195AS113-1	9-31-35	PAGZZ
10001476	9-34-6	PAGZZ	1195AS114-1	9-33-46	PAGZZ
10001491	9-34-4	XAGZZ		9-33-60	
10001492	9-34-5	PAGZZ	1195AS115-1	9-33-49	
10001517	9-32-14	PAGZZ	1195AS115-2	9-33-63	
10001522	9-32-2	MDGZZ	1195AS116-1	9-30-13	
10001524	9-31-70	MDGZZ	15351	9-31-28	XAGZZ
10001569	9-33-2	MDGZZ	184C100-1	9-33-46	
10001578	9-34-5	PAGZZ		9-33-60	
10001610	9-34-12	PAGZZ	19474	9-31-12	PAGZZ
10001614	9-31-71	MDGZZ		9-31-43	
10001696	9-33-89	PAGZZ		9-31-48	
10001697	9-33-14	MDGZZ		9-33-75	
10001733	9-33-3	PAGZZ	19560	9-31-18	
10001809	9-35-4	XBGZZ	19561	9-31-19	PAGZZ
10001818	9-33-16	MGGZZ	19974	9-31-20	PAGZZ
10001844	9-33-98	MDGZZ	19974-1	9-31-17	PAGZZ
10002468	9-35-17	PAGZZ	20041	9-35-15	PAGZZ
10003772	9-35-31		20042-3	9-35-10	PAGZZ
10005055	9-35-32	XAGZZ	20057	9-35-20	PAGZZ
10005056	9-33-12	MDGZZ	20072-3	9-33-76	PAGZZ
10005057	9-33-90	PAGZZ	20082	9-35-9	PAGZZ
10005108	9-30-12	MDGZZ	20364	9-35-5	XAGZZ
10005162	9-35-31	MDGZZ	20364-1	9-35-6	XAGZZ
10005195	9-35-1	PAGZZ	20364-2	9-35-7	PAGZZ
10005310	9-35-17		20430	9-33-93	PAGZZ
10005311	9-35-11		20526-2	9-33-81	MDGZZ
102C401-15	9-31-56		22K1-02	9-31-55	
	9-31-65			9-31-64	
11594	9-35-19	PAGZZ	22K1-62	9-31-38	
11597	9-35-18	PAGZZ	22K1-82	9-31-8	
11622-04	9-35-16	PAGZZ	22K2-02	9-33-11	
1195AS101-1	9-31-56	PAGZZ		9-33-23	
	9-31-65			9-33-42	

NUMERICAL INDEX (RSSK-8 SCOTT) (Cont)

Part Number	Figure and Index Number	SM&R Code	Part Number	Figure and Index Number	SM&R Code
22K2-02	9-33-56		55039	9-33-15	PAGZZ
22021	9-35-3	PAGZZ	55422	9-31-42	PAGZZ
22021-01	9-35-3	PAGZZ		9-31-47	
22199-1	9-35-24	PAGZZ		9-33-72	
22199-02	9-35-24	PAGZZ	55422-01	9-33-37	PAGZZ
22293-1	9-35-13	PAGZZ	55422-01	9-33-51	
224B432-11	9-31-7		55457	9-31-39	PAGZZ
224C300-1	9-30-10			9-31-44	
230C535-13	9-33-67			9-33-71	
230C536-11	9-33-70		55483	9-33-73	MDGZZ
230C536-13	9-33-70		56098	9-31-67	MDGZZ
230C536-15	9-33-70		56182	9-34-9	PAGZZ
234A100-1	9-30		56192	9-31-31	PAGZZ
234C412-11	9-31-57			9-33-7	
	9-31-66		56202	9-33-8	PAGZZ
234C412-13	9-31-53		56213	9-33-80	PAGZZ
	9-31-62		56260	9-31-40	PAGZZ
234C431-11	9-31-4		56288	9-31-45	PAGZZ
234C450-11	9-31-35		56300	9-31-16	PAGZZ
234C500-1	9-30-13		56593	9-33-94	MDGZZ
234C600-1	9-33-49		57373	9-33-66	PAGZZ
234C600-2	9-33-63		57827	9-33-95	
234D410-11	9-31-50		58874-00	9-33-43	
234D410-13	9-31-58			9-33-57	
26183	9-35-21	PAGZZ	58971-00	9-30-8	
27494-00	9-35-31		58989	9-33-26	PAGZZ
27494-01	9-35-31		59004	9-31-10	PAGZZ
27494-02	9-35-31		59011-00	9-33-30	PAGZZ
2800A6A	9-35-25	PAGZZ	59023	9-34-8	PAGZZ
2800B4A	9-33-35		59036-00	9-33-79	PAGZZ
2832-19	9-33-10	MDGZZ	59150-00	9-33-6	PAGZZ
2836-2	9-35-22	PAGZZ		9-33-39	
36C1326-1	9-31-49			9-33-53	
36D1321	9-30-8	PAGZZ	59151-00	9-33-74	PAGZZ
36H1323-31	9-30-11	PAGZZ	59152-00	9-33-97	PAGZZ
41781-00	9-30-11		59675-00	9-30-7	
41783	9-31-49		63A94H7-2	9-30-9	PAGZZ
42262-00	9-30-9		68A77D4-1	9-30-9	PAGZZ
524A-4D-130	9-33-34		800101-01	9-31-30	PAGZZ
55030	9-33-21			9-32	
	9-33-54		800269-01	9-32-15	XAGZZ
55032	9-31-24	PAGZZ	800668-00	9-33-77	AGGGG
	9-32-1		800676-03	9-30-2	PAGZZ
	9-32-3		800720-00	9-30-3	PAGZZ
55035	9-33-40		800723-00	9-30-14	XAGZZ
55037	9-31-26	PAGZZ			

NUMERICAL INDEX (RSSK-8 SCOTT) (Cont)

Part Number	Figure and Index Number	SM&R Code	Part Number	Figure and Index Number	SM&R Code
800723-00	9-33		800742-00	9-33-18	PAGZZ
800723-01	9-30-14	XAGZZ	800743-00	9-33-19	PAGZZ
	9-33		800744-00	9-33-17	PAGZZ
800724-00	9-33-105	XAGGG	800744-01	9-33-17	PAGZZ
800726-00	9-35	PAGGG	800745-00	9-33-86	PAGZZ
800726-01	9-35	PAGGG	800746-00	9-30-1	PAGZZ
800726-02	9-35	PAGGG	800746-01	9-30-1	PAOZZ
800726-10	9-33-85	PAGGG	800755-00	9-33-78	PAGGG
	9-35			9-34	
800726-11	9-33-85	PAGGG	800755-01	9-33-78	PAGZZ
	9-35			9-34	
800726-12	9-33-85	PAGGG	800756-00	9-34-14	PAGZZ
	9-35		800757-00	9-34-11	PAGZZ
800727-04	9-33-13		800758-00	9-30-4	PAGZZ
800729-00	9-30-5	XAGGG	800759-00	9-30-6	PAGZZ
	9-31		800772-00	9-33-33	PAGZZ
800729-01	9-30-5	XAGGG	800783-00	9-32	AGGZZ
	9-31		800905-00	9-33-31	PAGZZ
800730-00	9-31-72	XAGGG	801214-00	9-34-15	XAGZZ
800730-01	9-31-72	XBGZZ	801215-00	9-30-6	PAGZZ
800732-00	9-31	PAGZZ	801215-01	9-30-6	PAGZZ
800733-00	9-31-13	PAGZZ	801494-00	9-31-1	PAGZZ
800734-00	9-31-14	PAGZZ	802174-01	9-33-86	PAGZZ
800735-00	9-31-15	AGGGG	802175-01	9-33	AGGGG
800737-01	9-33	PAGZZ	802196-01	9-33	AGGGG
	9-33-58			9-33-44	PAGZZ
800737-02	9-33-48		802196-12	9-33	PAGZZ
	9-33-62			9-33-58	
800738-00	9-33-59	XAGZZ	802196-17	9-33-48	
800738-01	9-33-45	XAGZZ		9-33-62	
800739-01	9-33	AGGGG	8820-2	9-35-30	PAGZZ
800739-01	9-33-44	AGGGG	9120097-27	9-33	PAGZZ
800740-01	9-33				