

CHAPTER 12

MULTI-PLACE LIFERAFTS (MPLR) LRU-30/A (8-MAN), LRU-31/A (12-MAN), AND LRU-32/A (20-MAN)

Section 12-1. Description

12-1. GENERAL.

12-2. The MPLR are multi-place liferafts intended for use by aircrewmembers and passengers forced down at sea (figure 12-1). The liferafts come in three sizes: 8-man, 12-man, and 20-man. These liferafts will replace the current LRU-13/A (7-man), LRU-14/A and LRU-14A/A (12-man), and LRU-15/A (20-man) liferafts on an attrition basis. The liferaft is stowed in a readily accessible area inside the fuselage on all applicable aircraft. MPLR are currently not available for C-130 aircraft.

12-3. CONFIGURATION.

NOTE

ACB 992 required all vacuum bags to be opened for inspection of the actuation line. Additionally, a production ECP was ap-

proved by NAVAIR that will remove the vacuum bag and place the rafts in polymer tubs. All reference to vacuum packaging shall be understood to mean sealed bags. Refer to Chapter 13 for the polymer tub configuration.

12-4. The MPLR include the LRU-30/A (8-man liferaft), LRU-31/A (12-man liferaft), and LRU-32/A (20-man liferaft). The liferafts consist of a vacuum-packed liferaft (brick), an accessory container, and a carrying case (figure 12-2 and 12-3). The liferafts are constructed of urethane-coated nylon with thermo-bonded seams. The liferaft is packaged in a clear, vacuum-sealed, flame-retardant, PVC bag. All three size liferafts share the same design differing only in their dimensions. The liferaft design incorporates a self-erecting canopy, an inflation system with a non-shatterable gas vessel, an insulated floor, self-inflating boarding ramps, and two water-activated lights. Other

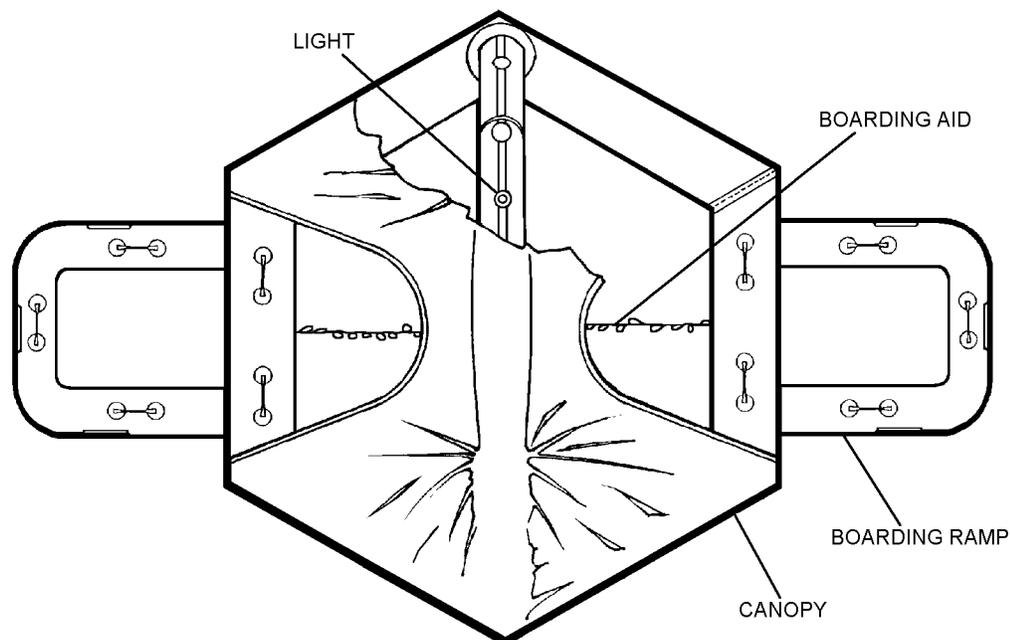
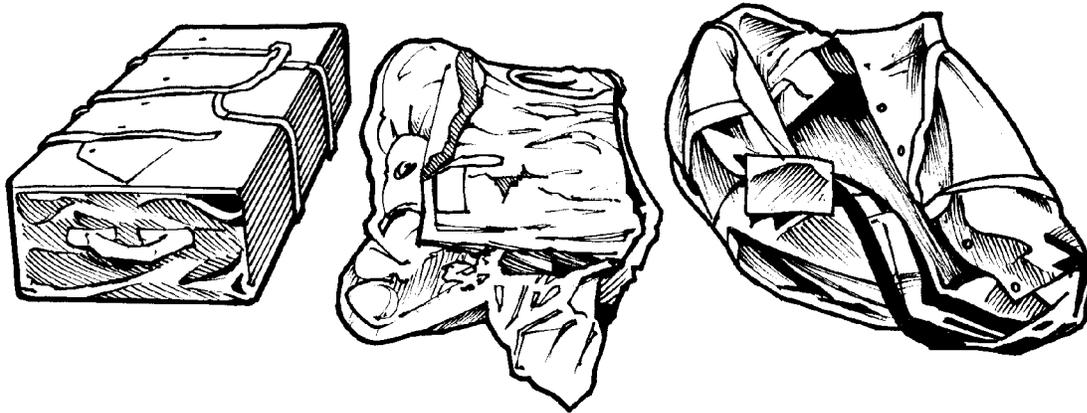


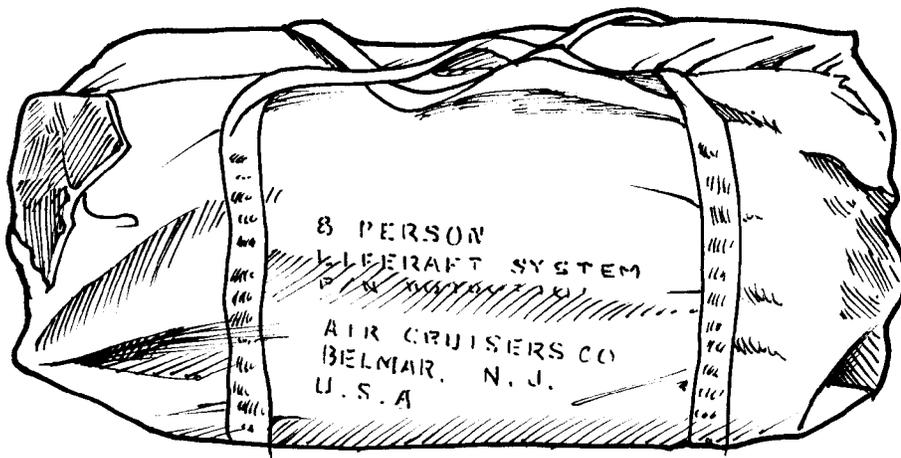
Figure 12-1. MPLR Liferaft Assembly (Inflated)

12-1



012002

Figure 12-2. MPLR Liferaft Assembly Brick, Accessory Container, and Carrying Case



012003

Figure 12-3. MPLR Liferaft Assembly Carrying Case, Packed

features include attached ballast bags and sea anchor, rain water collector, reflective strips, righting aid, hand-pump and top-off valves, lifeline, grasp line, and mooring line.

12-5. The accessory container does not include survival items when received from the manufacturer. It will be packed at the Place-In-Service/Acceptance Inspection (paragraph 12-21). The accessory container is not included inside the vacuum packaging so that life-limited accessories such as bagged water and batteries can be inspected and/or replaced without disturbing the vacuum packaging. The accessory container is tied to the vacuum-packed liferaft and must be pulled into the liferaft after actuation by the survivors.

12-6. The carrying case protects both the vacuum-packed liferaft and the accessory container. The vacuum-packed liferaft rests on top of the accessory container inside the carrying case.

12-7. APPLICATION.

12-8. Multi-place liferafts are authorized for all rotary and fixed wing transport aircraft. Selection shall be

based on mission, available storage space, and total number of crew and passengers carried. Additional consideration shall be made for the liferaft inspection cycle. C-130 series (except the C-130J) wing storage is limited to the LRU-15/A in the wing installation configuration. The C-130J wing storage is limited to the LRU-33/A and the Air Cruisers 46-man P/N 63880-103/104. The V-22 is limited to the LRU-34/A and liferafts listed in the current V-22 flight clearance.

NOTE

The LRU-32/A twenty-man liferaft currently cannot be stowed in the wings of C-130 aircraft. A release device is being tested and will be available in the future.

12-9. FUNCTION.

12-10. The MPLR are inflated by pulling the inflation assembly actuating line located on the end of the carrying case. The inflation assembly inflates the entire liferaft including canopy and boarding ramps.

Section 12-2. Modifications

12-11. GENERAL.

12-12. ACB 992 required all MPLR vacuum bags to be opened for inspection of the actuation line connec-

tion to the actuation valve. The vacuum bags were taped shut and will remain in this configuration until recalled for retrofit into the new polymer tub configuration.

Section 12-3. Maintenance

12-13. GENERAL.

12-14. This section contains information on inspection, packing, and repair/replacement of the MPLR.

12-15. INSPECTION.

12-16. All MPLR assemblies shall be subjected to Place-In-Service, Daily/Pre-Flight, Acceptance, and 448-Day Inspections. The 448-Day Inspection may be performed to coincide with the periodic maintenance requirements of the aircraft on which they are installed.

12-17. The Place-In-Service Inspection shall be performed on all new assemblies, or assemblies being returned from vendor repair or overhaul. The Aircraft Intermediate Maintenance Department performs this inspection. Acceptance Inspection shall be performed in conjunction with aircraft transfer only.

12-18. The Daily/Preflight Inspection shall be performed on fuselage-installed MPLR prior to the first flight of the day. This inspection shall be performed by line personnel (plane captain, etc.) or delegated aircrewmember who have been designated by the line division officer, instructed and found qualified by the Aviator's Equipment Branch.

12-19. The MPLR inspection cycle is 448 days. MPLR are repacked at a designated vendor site every five years. The 448-Day Inspection is for the installed survival equipment and visual inspection of the liferaft assembly. MPLR shall be inducted to the aircraft intermediate maintenance department for the 448-Day Inspection. MPLR may be inducted coinciding with the periodic maintenance requirements of the aircraft on which it is installed, not to exceed 448 days. In no case shall the inspection cycle go beyond the service life of installed radios. MPLR can be inducted during the aircraft inspection (Special/Phase/ISIS) or deferred to its 448-Day Inspection at the discretion of the assigned maintenance department.

12-20. QUALITY ASSURANCE. The procedures detailed present a logical sequence for proper inspection. Quality assurance steps are provided for critical operations. When a step is underlined, the Aircrew Survival Equipmentmen shall perform the operation, then have performance verified by a Quality Assurance Representative (CDI, CDQAR, or QAR) prior to proceeding to the next operation. Work center supervisors are primarily responsible for quality assurance and in accordance with OPNAVINST 4790.2 Series may nominate experienced personnel in their work center to be screened and examined by the Quality Assurance Officer prior to their designation by the Commanding Officer as a Collateral Duty Inspector. In no case shall an Aircrew Survival Equipmentman perform his own quality assurance inspection. Procedures for quality assurance are listed following major operations.

12-21. PLACE-IN-SERVICE/ACCEPTANCE INSPECTION. To perform a Place-In-Service/Acceptance Inspection, proceed as follows:

Quantity	Materials Required	
	Description	Reference Number
As Required	Thread, Nylon, Size E	V-T-295 NIIN 00-204-3384
As Required	Cloth, Lint Free, Type II	MIL-C-85043 NIIN 01-044-9281

1. Inspect carrying case for cuts, tears, defects, and abrasions.

2. Inspect straps and handles for security and defects.

NOTE

Do not untie any lanyards unless directed.

3. Open carrying case by removing ripcord pin and unlacing daisy chain. Carefully remove vacuum-packed liferaft and place on lint free cloth.

NAVAIR 13-1-6.1-1

4. Deleted.

5. Inspect vacuum-pack bag for cuts, tears, defects, and/or abrasions.

6. Untie accessory container lanyard at the accessory container.

7. Remove accessory container. Inspect for cuts, tears, defects, and/or abrasions.

8. Inspect straps and handles for security and defects.

9. Check any other parts for wear, damage, and security.

NOTE

Since the MPLR are being phased in, survival items should be used from the liferaft the MPLR is replacing. If not replacing a BCM'd liferaft, survival items must be ordered.

10. Pack survival items in accessory container in accordance with paragraph 12-22.

11. Repack brick and accessory container into carrying case in accordance with paragraph 12-24.

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

13. Ensure manufacturer's history record is enclosed in pocket provided on liferaft container.

12-22. PACKING OF SURVIVAL ITEMS IN ACCESSORY CONTAINER.

The survival items

shall be packed into the accessory container at the Place-In-Service Inspection by the intermediate level of maintenance. The procedures shall be as follows:

Materials Required		
Quantity	Description	Reference Number
As Required	Cord, Nylon, Type III	NIIN 00-240-2146
As Required	Wrap, Cushioning	NIIN 00-142-9008
As Required	Tape, Pressure-sensitive	NIIN 00-266-5016

1. Inspect survival items in accordance with paragraph 12-23. Refer to table 12-1 for items used and quantity for liferaft size.

NOTE

NAVAIR 13-1-6.5 contains information on inspection/replacement and modifications to the survival items.

2. Wrap breakable survival items with either rubber-coated cloth or cushioning wrap (NIIN 00-142-9008) and secure with rubber bands.

3. Stow accessories and survival items in accessory container in accordance with Figure 12-4.

4. Tie MROD and radios to accessory container tie down loops with 48-inch length of Type III nylon cord. Ensure that a bowline knot is applied.

WATER STORAGE BAGS	BLANKET, SPONGE	CORD, KNIFE, CODE CARD	CHEM. LIGHTS, WHISTLE, MIRROR	FIRST AID CREAM
FOOD PACKETS	FLASHLIGHT			SUN LOTION
	FLARES		STROBE LIGHT	RADIOS, BATTERIES
	SEA DYE MARKER		COMPASS	
FIRST AID KIT	MROD			DESALTER KITS, BAGGED WATER

Figure 12-4. Required Survival Item Stowage

Table 12-1. MPLR Survival Items

Description	Quantity Required			Reference Number	NIIN	SM&R Code
	8-man	12-man	20-man			
Desalter Kit, Sea Water, MK2, Type II (Not 7)	5	6	10	MIL-D-5531	00-372-0592	PAOZZ
Sea Dye Marker	4	5	8	MIL-S-17980	00-270-9986	PAOZZ
Distress Signal MK-124 MOD 0 or Signal Kit, MK-189 MOD 0 (Not 9)	7 1	8 1	10 1	DL 313734 —	01-030-8330 L564-1370-01-418-2657	— —
Water Storage Bag	3	4	7	MIL-B-8571	00-485-3034	PAOZZ
Water, Drinking, Bagged, Emergency (Not 8)				—	01-124-4543	PAOZZ
w/ MROD	8	12	20			
w/o MROD	20	30	50			
First Aid Kit	1	1	2	SC-C-6545-IL	00-922-1200	—
Desalinator, Manual Reverse Osmosis	1	1	1	—	01-313-6086	—
Sunburn Preventative Preparation	1	2	3	MIL-S-37800	01-121-2336	PAOZZ
Food Packet, Liferaft	8	12	20	MIL-F-15281	01-028-9406	PAOZZ
Bailing Sponge	1	4	6	L-S-626	00-240-2555	PAOZZ
Combat Casualty Blanket Type I	1	2	3	MIL-B-36964	00-935-6665	PAOZZ
Hand Generated Flashlight A-9 (Not 2)	1	1	1	MIL-F-8209	00-283-9806	PAOZZ
Flare Gun MK-79 MOD 0 (Note 9)	1	1	2	—	00-866-9788	PAOZZ
Signal Light (Strobe) SDU-5/E or SDU-39/N	1	1	1	MIL-L-38217	00-067-5209 00-411-8535	PAOZZ PAOZZ
Light, Chemical	2	2	2	95277-80	01-334-4274	PAOZZ
Signal Mirror, Type I (Not 3) or Signal Mirror, Type II	1	1	1	MIL-M-18371	00-105-1252 01-455-6695 01-455-6671	PAOZZ PAOZZ PAOZZ
Survival Radio (Notes 4 and 6) and/or Radio Beacon AN/URT-33A (Not 4)	1	1	1	MIL-B-38401	00-160-2136	PAOGG
Code Card (Not 5)	1	1	1	—	—	—
Whistle Type II	1	1	1	MIL-W-1053	00-254-8803	PAOZZ
Compass, Pocket, Type MC-1 (Note 1) or Compass, Wrist	1	1	1	MIL-C-17850 WCC-100	00-515-5637 00-809-5252	PAOZZ PAOZZ
Pocket Knife	1	1	1	MIL-K-818	00-162-2205	PAOZZ
Cord, Nylon, Utility, 50 feet	1	1	1	MIL-C-5040	00-240-2154	PAOZZ

Table 12-1. MPLR Survival Items (Cont)

Description	Quantity Required			Reference Number	NIIN	SM&R Code
	8-man	12-man	20-man			
<p>Notes:</p> <ol style="list-style-type: none"> 1. Use MIL-C-17850 until stock is depleted, then use WCC-100. 2. Required for Arctic missions; optional otherwise. 3. The Type II mirror (large) shall be utilized in lieu of the Type I mirror (small) until stock of the Type II mirror is depleted. 4. Survival Radio or Radio Beacon requirements shall be in accordance with OPNAVINST 3710.7 Series. Following radios apply: Voice-Beacon: AN/PRC-90, AN/PRC-90-2, and AN/PRC-149, Beacon only: AN/URT-33, AN/PRT-5, and AN/PRC-140. The AN/PRC-149 will become the preferred radio when available. 5. Refer to NAVAIR 13-1-6.5. 6. Ensure battery service life does not expire prior to the next scheduled special inspection. Refer to applicable radio maintenance publication for battery service life. 7. Authorized for use in Arctic/Antarctic environments. 8. MROD shall be installed if available. MPLR is considered RFI without MROD provided bagged water is increased. MROD should not be used where water temperatures are below 36°F. 9. MK-189 MOD 0 Signal Kit contains 6 MK-124 Day/Night flares and 2 MK-79 MOD 0 flare guns. If used, it fills flare requirements. 						

5. Secure latches on first aid kit with several layers of pressure-sensitive tape (NIIN 00-266-5016). Using an 8-foot length of Type III nylon cord, tie an overhand knot in both ends. Wrap one end of cord two turns twice around the first aid kit on the inside of the kit latches and tie with a surgeon's knot. Route opposite end of cord to accessory container tie down loop and secure with a bowline knot. Stow first aid kit in accessory container.

until the next inspection cycle of the completed assembly.

1. Inventory all accessory and survival items by checking items against [table 12-1](#). Replace missing or unsatisfactory items.

NOTE

12-23. SURVIVAL ITEMS AND ACCESSORIES INSPECTION. To inspect survival items and accessories, proceed as follows:

Ensure radio battery service life does not expire prior to the next scheduled calendar inspection. Refer to applicable radio maintenance publication for battery service life. Batteries which do not meet service life requirements must be discarded regardless of their condition.

NOTE

Refer to NAVAIR 13-1-6.5 for information on inspection/replacement and modification of survival items.

2. Inspect all items for damage, spent contents, and expired service life. Replace as necessary.

With the exception of batteries, items reaching over-age while packed in survival kits and liferafts shall remain in service

3. Operate all items which are not expended in use. Replace as necessary.

12-24. ACCESSORY CONTAINER AND LIFERAFT PACKING PROCEDURES. To pack the accessory container and the vacuum-packed liferaft into the carrying case proceed as follows:



Do not place accessory container in carrying case with snap side up. Snap side of container may damage vacuum-packed liferaft.

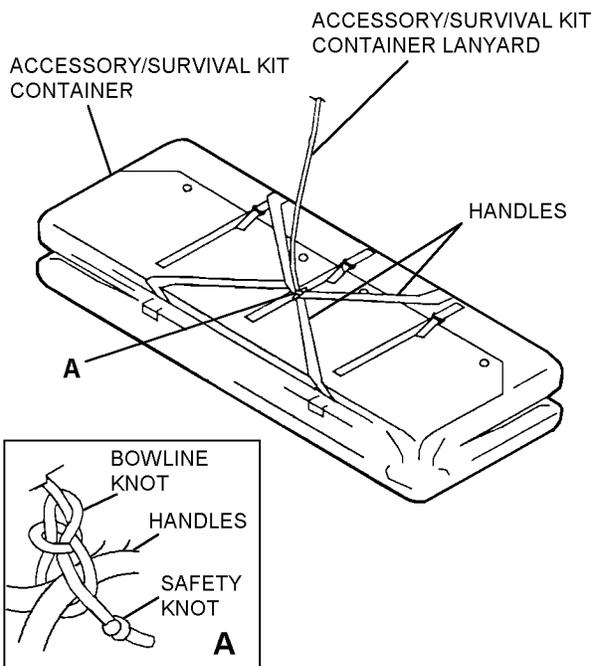
Quantity	Materials Required Description	Reference Number
As Required	Thread, Nylon, Size E	V-T-295 NIIN 00-204-3384



If survival kit retaining line is not properly secured to survival kit handles and liferaft, the survival kit will be lost upon deployment of the liferaft, leaving survivors without emergency supplies and communication equipment.

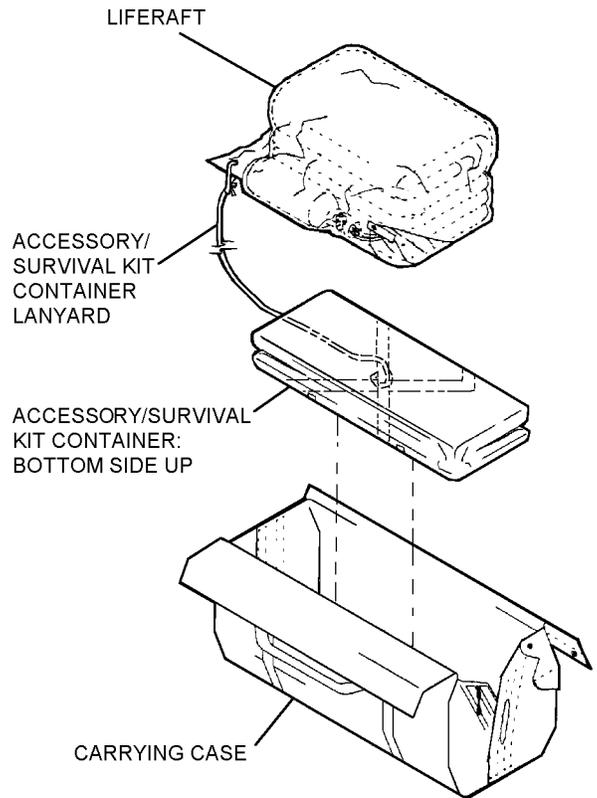
2. Place accessory container into carrying case by rotating accessory container upside down (snaps down) ensuring MROD side will be opposite CO₂ cylinder for even weight distribution. The accessory/survival kit container lanyard shall be routed to the end of the carrying case.

1. Re-tie accessory/survival kit container to liferaft bag using retaining line removed in step 6., paragraph 12-21. Using bowline knot, secure around center handles of survival kit container. Tack bowline knot with size E thread, one turn, secure with surgeon's and square knot. Ensure opposite end of retaining line is secured to liferaft bag, near base of carbon dioxide bottle, with a bowline knot.



Step 1 - Para 12-24

12p24s1

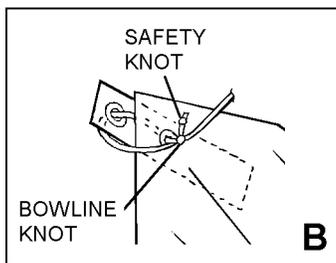
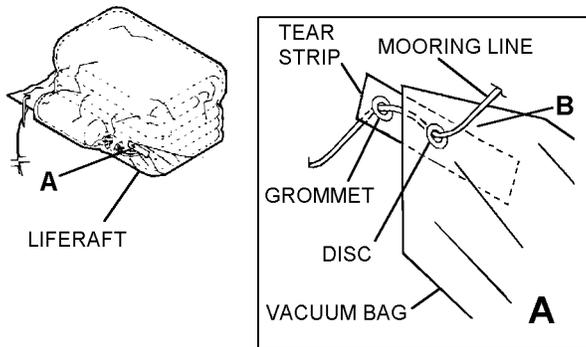


Step 2 - Para 12-24

12p24s2

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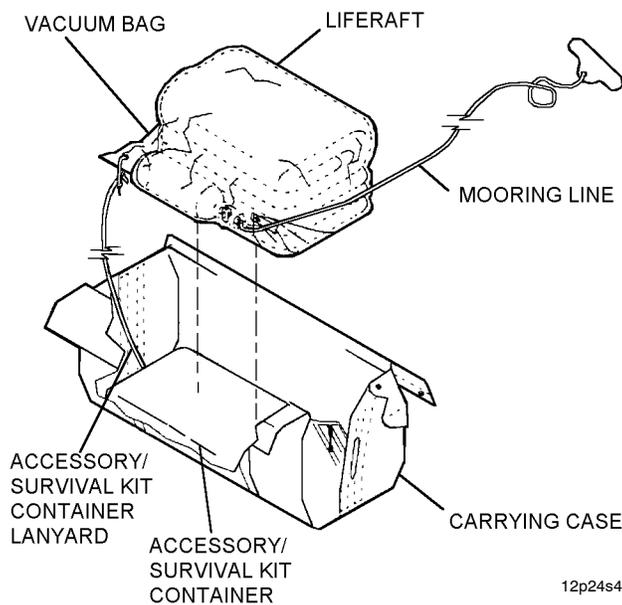
3. Ensure inflation lanyard is routed through tear strip and mooring line disc on brick.



Step 3 - Para 12-24

12p24s3

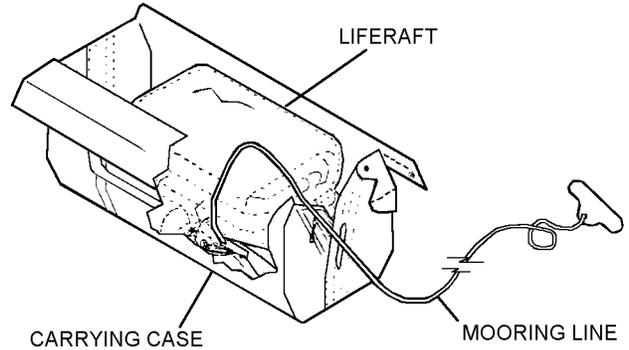
4. Place brick in carrying case so base of CO₂ cylinder is opposite ripcord end.



Step 4 - Para 12-24

12p24s4

5. Ensure inflation lanyard (mooring line) is routed on top center of brick to exit at ripcord end.

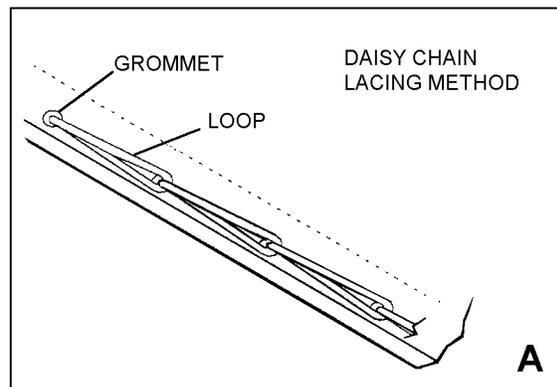
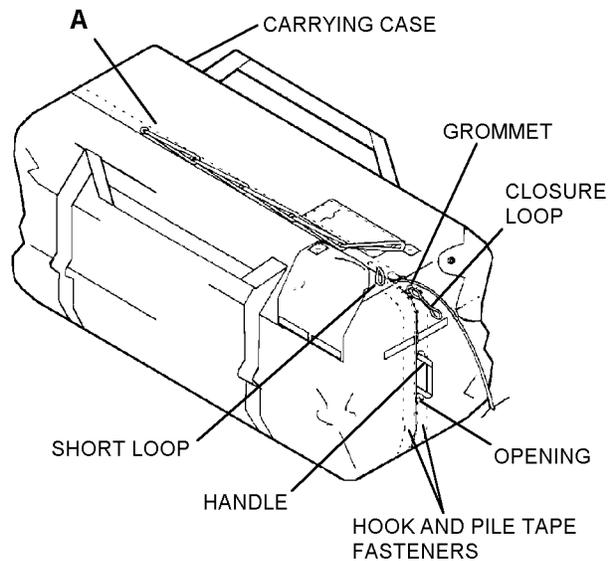


12p24s5

Step 5 - Para 12-24

6. Close carrying case ends. Ensure handles are routed through opening and hook and pile tape is secure.

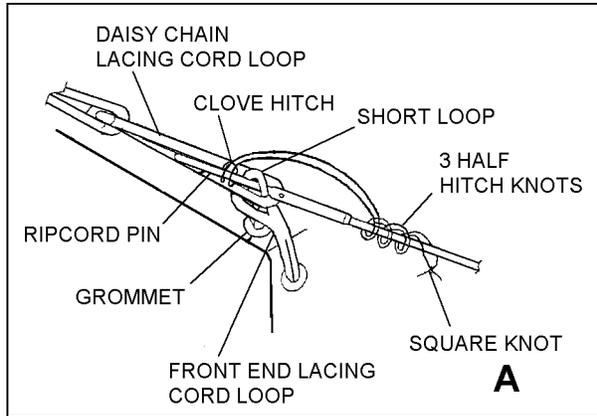
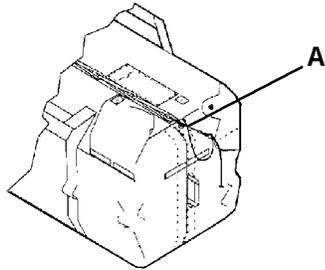
7. Close carrying case using Daisy Chain Lacing Method.



Step 7 - Para 12-24

12p24s7

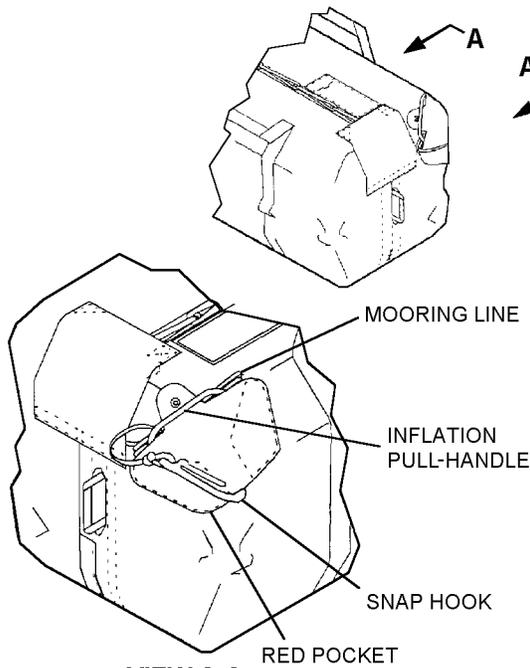
8. Install inflation lanyard (mooring line) ripcord pin and safety tie using size E nylon thread.



12p24s8

Step 8 - Para 12-24

9. Accordion fold excess inflation lanyard (mooring line) into ripcord cover pocket. Place inflation pull handle in pocket.



VIEW A-A

Step 9 - Para 12-24

12p24s9

10. Secure protective flaps over daisy chain and ripcord.

11. Ensure inflation lanyard (mooring line) is routed through case opening after securing protective flap with hook and pile tape.

12-25. DAILY/PREFLIGHT/30-DAY SPECIAL INSPECTION. To perform a Daily/Preflight/30-day Special Inspection, complete the following procedures.

1. Inspect carrying case for cuts, tears, deterioration, and abrasion.

2. Inspect straps and handles for security and deterioration.

3. Inspect carrying case for stains, dirt, and general condition.

4. If necessary, clean in accordance with paragraph 12-B11.

5. Check any other visible parts for wear, damage, and security.

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

12-26. DELETED.

12-27. 448-DAY INSPECTION. The 448-Day Inspection is performed at the intermediate maintenance department and may be accomplished to coincide with the periodic maintenance requirements of the aircraft on which the liferaft is installed, but shall not exceed 448 days. To perform the 448-Day Inspection, proceed as follows:

CAUTION

Ensure liferaft is placed on lint free cloth to avoid damage.

NOTE

NAVAIR 13-1-6.5 contains information on inspection/replacement and modifications to the survival items.

Materials Required		
Quantity	Description	Reference Number
As Required	Thread, Nylon, Size E	V-T-295 NIIN 00-204-3384
As Required	Cloth, Lint Free, Type II	MIL-C-85043 NIIN 01-044-9281

NAVAIR 13-1-6.1-1

1. Inspect carrying case for cuts, tears, defects, and abrasions.
2. Inspect straps and handles for security and defects.
3. Carrying case for stains, dirt, and general condition.
4. If necessary, clean in accordance with paragraph 12-31.
5. Open carrying case and carefully remove vacuum-packed liferaft and place on lint free cloth.
6. Check integrity of liferaft, check for holes in storage bag that may have penetrated/damaged raft.
7. If liferaft storage bag has holes that have penetrated/damaged raft, remove from service and process liferaft in accordance with paragraph 12-40.
8. Deleted
9. Untie and remove accessory container and inspect for cuts, tears, defects, and/or abrasions.
10. Inspect straps and handles for security and defects.
11. Check any other parts for wear, damage, and security.
12. Inspect survival items for expiration and damage (paragraph 12-23). Ensure installed radio has been inspected in accordance with applicable maintenance manual and will remain RFI until the next

scheduled 448-Day Inspection. Refer to 12-1 for items used.

- 12A. Re-stow survival items in accessory container in accordance with paragraph 12-22.
13. Re-stow accessory/survival kit and liferaft in carrying case and close in accordance with paragraph 12-24.
14. Deleted.
15. Make necessary entries on appropriate form in accordance with OPNAVINST 4790.2 Series.
16. Ensure manufacturer's history record is enclosed in pocket provided on liferaft container.

12-28. 5-YEAR REPLACEMENT. After 5 years of service, the MPLR shall be removed from the aircraft and forwarded to the contractor for re-certification. See paragraph 12-40 for procurement and contractor information. To perform the 5-year inspection, proceed as follows:

NOTE

Re-certification requires 10-day turnaround.

1. Remove liferaft assembly from aircraft.
2. Open carrying case and remove vacuum-packed liferaft.
3. Untie inflation lanyard and accessory container lanyard. Maintain lanyards with carrying case.

4. Process liferaft in accordance with [paragraph 12-40](#) for re-certification. Ensure manufacturer's history record is returned with raft for proper documentation during service of unit.

5. Remove accessory container and inspect for cuts, tears, defects, and/or abrasions.

6. Inspect straps and handles for security and defects.

7. Inspect carrying case for cuts, tears, defects, and abrasions.

8. Inspect straps and handles for security and defects.

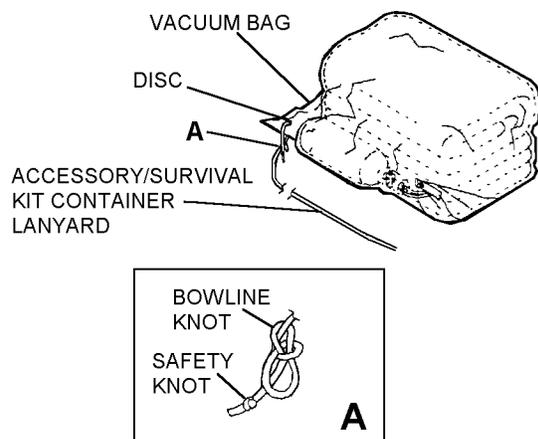
9. Check any other parts for wear, damage, and security.

10. Inspect survival items for expiration and damage ([paragraph 12-23](#)). Refer to [table 12-1](#) for items used.

11. Repack re-certified or replacement liferaft in accordance with [paragraph 12-29](#).

12-29. REPACK OF RE-CERTIFIED OR REPLACEMENT LIFERAFT. To repack a re-certified or replacement liferaft, proceed as follows:

1. Obtain replacement or re-certified liferaft.
2. Tie accessory container lanyard to brick. Secure with bowline knot.



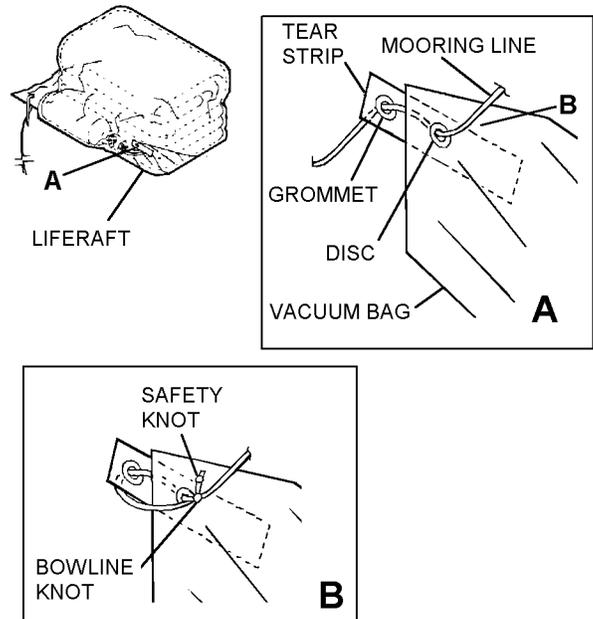
12p29s2

Step 2 - Para 12-29



Use extreme care when handling tear strip as excessive pulling may break vacuum.

3. Tie inflation lanyard (mooring line) to the brick by routing through tear strip grommet and brick disc. Secure with bowline knot.



12p29s3

Step 3 - Para 12-29

4. Pack accessory container and brick in carrying case in accordance with [paragraph 12-24](#).

12-30. CLEANING AND SERVICING.

12-31. CLEANING OF MPLR. To clean, proceed as follows:

Materials Required		
Quantity	Description	Reference Number
As Required	Detergent, General Purpose	MIL-D-16791 NIIN 00-282-9699
As Required	Cloth, Lint Free, Type II	MIL-C-85043 NIIN 01-044-9281



Solvents are not to be used in the cleaning of MPLR.

Use extreme care when cleaning around the area surrounding tear strip.

1. Dab or blot excess oil, fluid or dirt off of area being cleaned. Do not rub into material.

NAVAIR 13-1-6.1-1

2. Prepare solution of detergent (MIL-D-16791) consisting of 1/4 to 1/2 ounce of detergent per gallon of water.

3. Clean affected area with lint free cloth or sponge.

4. Dry with a lint-free cloth.

12-32. REPAIR/REPLACEMENT.

12-33. This section contains instruction for the repair and replacement of the MPLR and its components to ensure that the MPLR remains in Ready-For-Issue (RFI) status. Only minor repairs to the carrying case or accessory container are authorized. Any defects to the vacuum-packed liferaft (e.g. rips, tears, abrasions, etc.) are to be repaired by the contractor. See paragraph 12-40 for information on liferaft processing.

12-34. Repair/replacement of minor rips, tears, abrasions, and other defects to the carrying case and/or accessory container are authorized. All repairs shall be documented by making necessary entries on appropriate forms in accordance with OPNAVINST 4790.2 Series.

12-35. WARRANTY.

12-36. NEW LIFERAFTS AND LIFERAFT ASSEMBLIES. For a period of sixty (60) months after initial shipment to USN, the manufacturer warrants the following:

1. The liferaft shall conform to the applicable specification (MIL-PRF-18494).

2. Deleted.

3. The liferaft shall be free from defects in material and workmanship.

12-37. AFTER INSPECTION, REPAIR, AND REPACKAGING OF RETURNED LIFERAFTS. For a period of sixty (60) months after inspection, repair, and repackaging of returned liferafts, the manufacturer warrants the following with regard to the vacuum bag and vacuum-packed liferaft:

1. The liferaft shall conform to the applicable specification (MIL-PRF-18494).

2. Deleted.

3. The liferaft shall be free from defects in material and workmanship.

12-38. FURTHER WARRANTIES. The manufacturer further warrants any repaired or replaced items for a period of thirty-six (36) months from date of shipping to the USN.

12-39. With respect to any liferaft that does not conform with the foregoing warranties, USN shall return the liferaft to the manufacturer within the warranty period. See paragraph 12-40 for information on liferaft processing.

12-40. PROCESSING/RETURNING VACUUM-PACKED LIFERAFT BRICKS TO MANUFACTURER.

NOTE

MPLR that were opened IAW ACB 992 should not be returned to vendor for loss of vacuum. Only rafts that have damage or suspected damage that would render them non-RFI shall be returned to the vendor. All rafts opened in accordance with ACB 992 will be recalled for reconfiguration packaging on a scheduled basis through notification by TYCOM.

Ensure manufacturer's history record is returned with raft for proper documentation during service of unit.

1. Damaged liferafts.

a. If there is no visible damage, process liferaft under warranty provisions of OPNAVINST 4790.2 series.

b. Liferafts that have visible damage that will not meet warranty specifications shall be returned for repair and repack.

12-41. MPLR ORDERING INFORMATION.

NOTE

The LRU-30/A, LRU-31/A, and LRU-32/A MPLR are no longer available. They have been replaced by the LRU-30A/A, LRU-31A/A, and LRU-32A/A.

1. The following multiplace liferafts (MPLR) (table 12-2) are authorized for use on NaVAiF-

craft. They are obtained from the GSA Schedule via open purchase using normal supply procedures. MPLR are replacement rafts for LRU-13/, -14/, and -15/ series rafts and are not a new capability.

2. GSA contract number GS-07F-0133K, is established for Air Cruisers Company, P.O. Box 180, Highway 34 South and Allaire Airport, Belmar, NJ, 07719-0180. Phone (732) 681-3527. Additional information may be obtained from the GSA Advantage Website at: www.gsaadvantage.gov.

Table 12-2. MPLR Ordering Information

Item Description	Designation	Part Number	NIIN
Liferaft Assembly, 8 Person, Vacuum Packed (Note 1)	LRU-30/A	64490-101	01-484-6113
Carrying Case, 8 Person Raft (Note 2)	N/A	64607-101	01-484-6116
Accessory Bag, 8 Person Raft (Survival Equipment Container) (Note 2)	N/A	64610-101	01-484-6120
Liferaft, 8 Person, Vacuum packed (Note 3)	Brick	64616-101	01-484-6123
Liferaft Assembly, 12 Person, Vacuum Packed (Note 1)	LRU-31/A	64500-101	01-484-6124
Carrying Case, 12 Person Raft (Note 2)	N/A	64608-101	01-484-6125
Accessory Bag, 12 Person Raft (Survival Equipment Container) (Note 2)	N/A	64611-101	01-484-6126
Liferaft, 12 Person Vacuum Packed (Note 3)	Brick	64617-101	01-484-6128
Liferaft Assembly, 20 Person, Vacuum Packed (Note 1)(Note 4)	LRU-32/A	64510-101	01-484-6130
Carrying Case, 20 Person Raft (Note 2)	N/A	64609-101	01-484-6138
Accessory Bag, 20 Person Raft (Survival Equipment Container) (Note 2)	N/A	64612-101	01-484-6140
Liferaft, 20 Person Vacuum packed (Note 3)	Brick	64618-101	01-484-6146
Notes: 1. Assembly includes vacuum packed life raft, carrying case, and equipment container. 2. Single item by part number only. 3. Vacuum packed raft (brick) only. 4. Not authorized for C-130 wing nacelle installation.			

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