

- (1.) Mount the actuator in the bracket provided and install a 24-foot EFTC cable to the actuator.
- 2. Route the cable through left stanchions 2, 3, and 4. Be sure that the cable does not contact any spring or push rod end in the push rod system.
- (3.) Safety the cable to the flotation device securing brackets whenever possible.

Figure 4-9. EFTC Installed

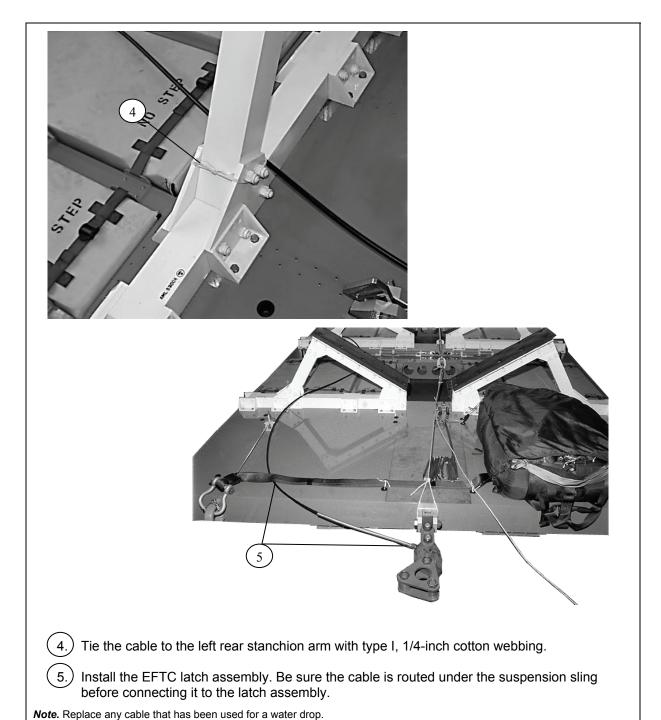


Figure 4-9. EFTC Installed (continued)

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LIFTING AND POSITIONING BOAT

4-5. Use the lift kit provided with the boat (four long slings, three short loops, and clevises, instructions) to place the boat onto the cradles as shown in Figure 4-10. Be sure that the Airdrop Boat Preparation Checklist has been completed and signed before proceeding with the preparation of the boat.

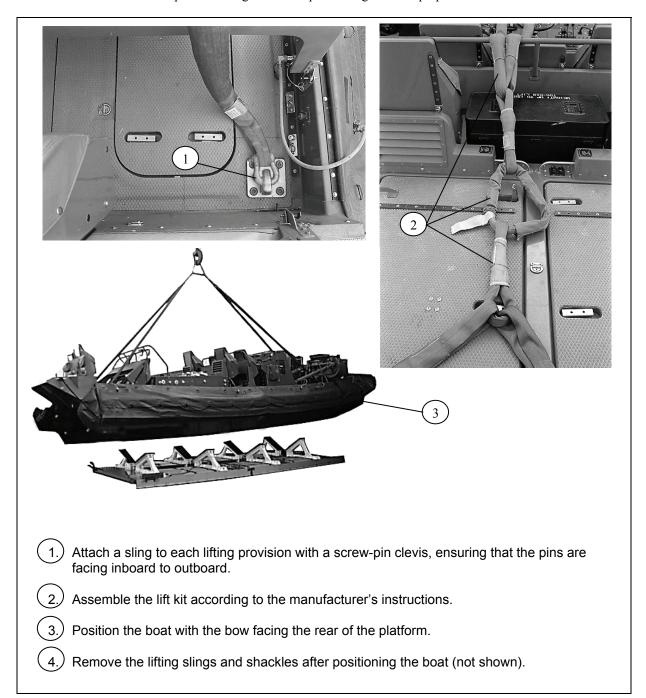


Figure 4-10. Boat Lifted and Placed on Platform



(5.) Align the rear edge of the transom with the front edge of the platform, disregarding the rubber bumpers.

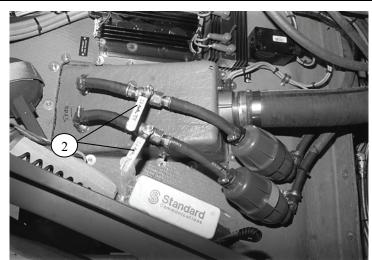
Figure 4-10. Boat Lifted and Placed on Platform (continued)

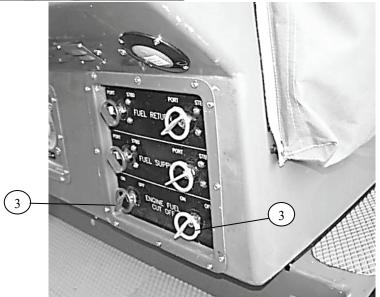
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PREPARING BOAT

4-6. Prepare the boat as shown in Figures 4-11 through 4-16.

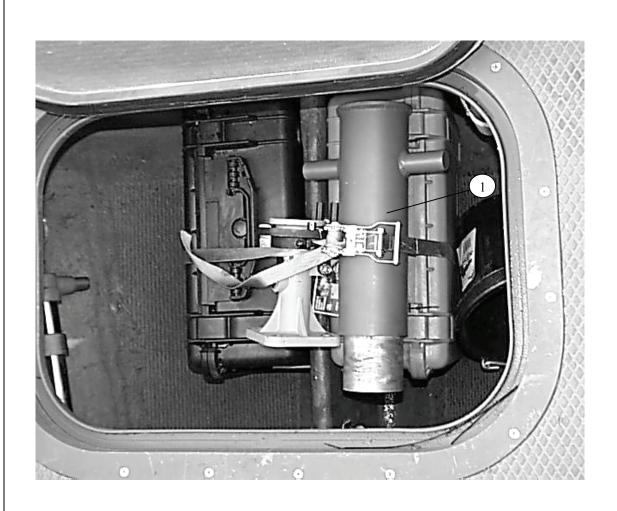




- (1.) Make sure the fuel tanks have no more than 68 gallons (75%) of fuel each (not shown).
- 2. Close the four fuel vent shut-off valves (two port, two starboard) inside the control access hatch.
- 3.) Turn the fuel shut-off valves (the two valves at the bottom) to the "OFF" position.

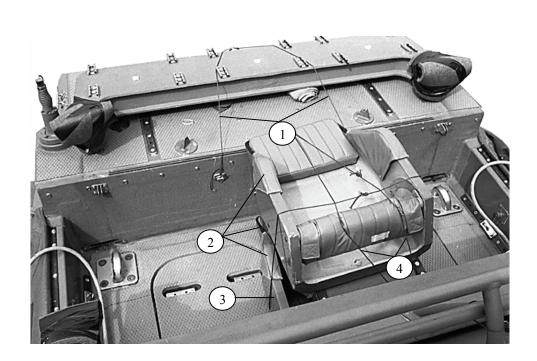
Figure 4-11. Fuel System Prepared

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Remove the forward tow post. Stow and secure it in a convenient location.

Figure 4-12. Boat Equipment Stowed in Hatch

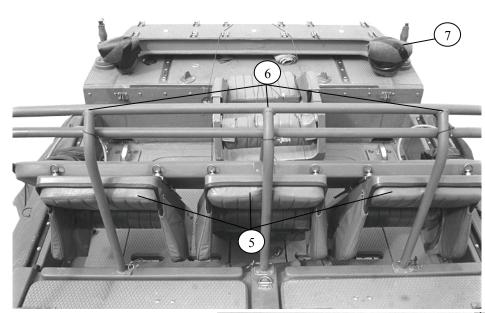


Note. When the fourth row of bolster seats is removed for missions not needing them, steps 1 through 4 may be omitted.

- 1.) Remove the bolster seats from row 4. Remove the life ring and stow it in hold 2. Fold the row 4 bolster frame back on the rolled and tied splash guard. Secure the bolster frame with a length of type III nylon cord through the left and right deck rings on the swimmer deck, and through the center deck ring at the back of the swimmer deck.
- (2.) Center one seat on the floor face up. Place a second seat squarely over the first face down. Place the third seat over the second face up.
- 3.) Tie all three seats together with a length of type III nylon cord.
- 4. Run a length of type III nylon cord through the deck ring under the third bolster seat row, up through the handle of seat two, over the top seat, and to the top center deck ring on the swimmer deck. Tie both running ends on top of the seats.

Figure 4-13. Bolster Seats Stowed

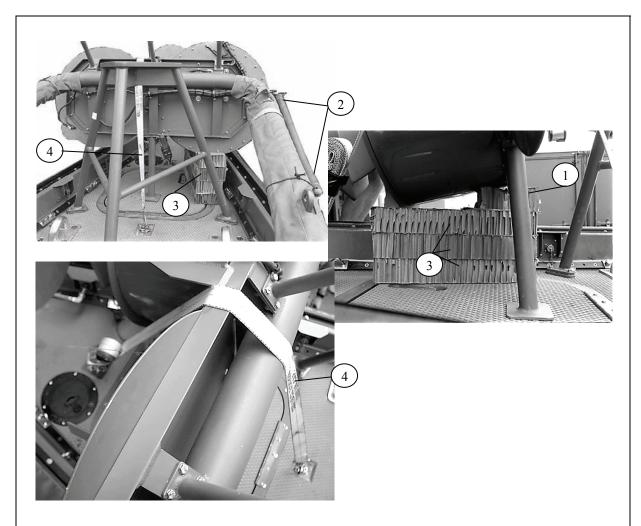
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- Lower all the bolster seats in rows 1, 2, and 3 to their lowest position. Fold row 3 bolster seat frame all the way forward.
- Tie the frame to the handrail in three places with type III nylon cord.
- Pad each corner of row 5 and 4 bolster frames with cellulose wadding and tape in place.

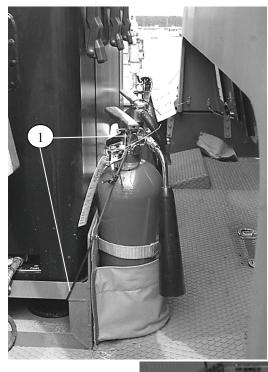
Figure 4-13. Bolster Seats Stowed (continued)

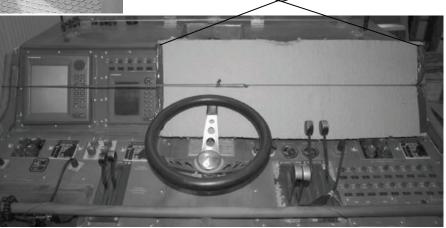


- 1. Unbolt the supports for the radar arch and fold the arch forward so that it rests on its support post.
- 2. Secure the support arms to the radar arch with type III nylon cord tied through the bolt holes of the arms.
- 3. Glue three 20- by 6-inch pieces and one 6- by 6-inch piece of honeycomb together as shown. Center the honeycomb under the radar unit. The radar unit should be supported by both the support post and the honeycomb.
- 4.) Attach a length of 1/2-inch tubular nylon webbing to each of the center deck rings forming a 3/4-inch loop. Secure the radar arch with a CGU-1B tiedown assembly to the 1/2-inch tubular nylon, attaching the ratchet end to the front ring. Route the tiedown assembly over the radar unit as shown.

Figure 4-14. Radar Arch Folded and Secured

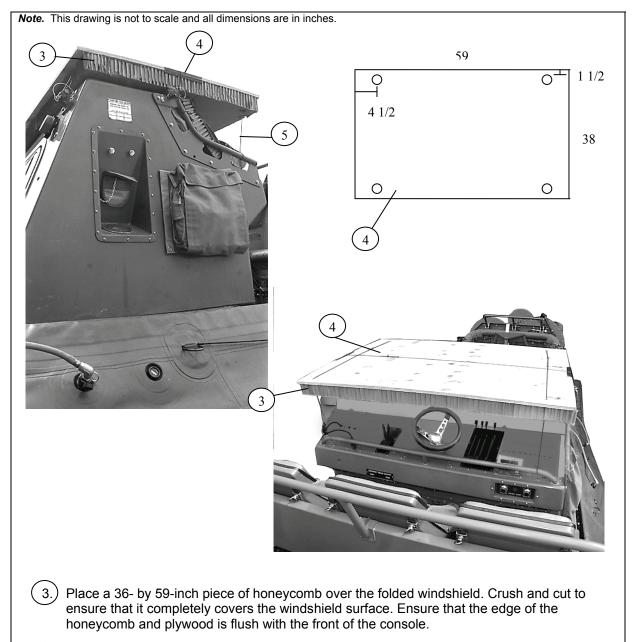
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- 1.) Secure the three fire extinguishers behind the driver's compartment with type III nylon cord. Route the cord under the storage box and through the holes on the necks of the fire extinguishers.
- (2.) Tie two 12- by 36-inch pieces of honeycomb to the instrument panel. Ensure that the honeycomb is flush with the starboard side handrail, making sure the GPS and radar screens are accessible. Tape the edges of the honeycomb and tie it to the handrail with type III nylon cord.

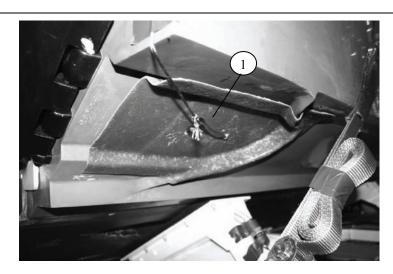
Figure 4-15. Console Prepared

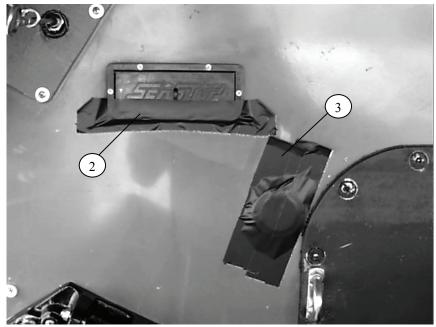


- 4. Drill 1/2-inch holes in a 1/2- by 38- by 59-inch piece of plywood as shown. Center and glue the plywood over the honeycomb placed in step 3 above. Center a type III nylon cord tie over the center of the plywood from the left to the right handrail.
- 5.) Secure the plywood on each side to the console handrails, through the side holes in the plywood and to the push-pull pins.

Figure 4-15. Console Prepared (continued)

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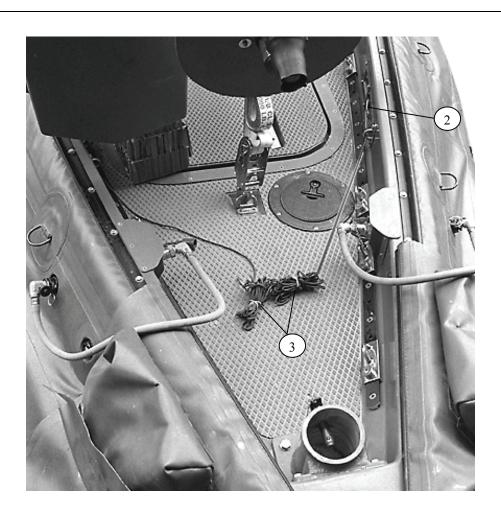
- Make a handle for each exhaust port cover with ½-inch tubular nylon. Tie a length of type III nylon cord to the handle and to the grommet on the aft sponson cover. Attach several pieces of interlocking velcro to the exhaust covers and attach the exhaust port covers in place.
- Tape the bottom edge of the deck drainage flap on each side of the transom.
- Tape the bilge pump overboard discharge holes on each side of the transom.

Figure 4-16. Discharge Holes, Drainage Flaps, and Exhaust Port Covers Secured

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PREPARING THE SPONSON INFLATION SYSTEM

4-7. Prepare the sponson inflation system as shown in Figure 4-17.



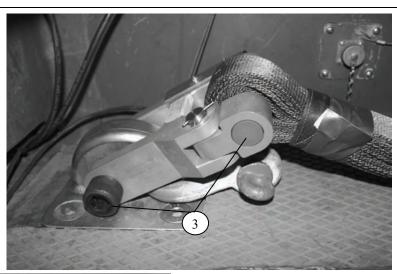
- 1.) Make sure the hose connections for the sponson inflation system are tight (not shown).
- 2.) Remove the core threads from two 6-foot lengths of type III nylon cord. Pass one end of the cord through the tiedown ring and tie it to the sponson activation cable ring. Repeat for the other side of the boat.
- 3.) Fold the excess cord and secure with retainer bands in the middle of the deck.

Figure 4-17. Sponson Inflation System Connected

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INSTALLING THE WATER ACTIVATED PARACHUTE RELEASE

4-8. Install the four water-activated parachute releases as shown in Figure 4-18.





- 1. Place a shackle from the lift kit onto each suspension point, with the pin facing inboard to outboard as shown. These must be used for lifting the load, not for suspension (not shown).
- (2.) Attach a 20-foot, 4-loop, type XXVI nylon sling to the discharge end of each WAPR (not shown).
- 3. Attach the WAPR to the suspension point, with the red dust cap facing inboard. Be sure that the bolt faces inboard to outboard. Tighten the bolt wrench tight.
- (4.) Attach the three remaining suspension slings as in steps 1 through 3 above (not shown).

Figure 4-18. Water-Activated Parachute Releases Installed

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INSTALLING THE BOAT COVER, SPONSON, TIES, AND SPONSON COVERS

4-9. Install the boat cover as shown in Figure 4-19. Make the sponson ties as shown in Figure 4-20. Install the aft sponson covers as shown in Figure 4-21.

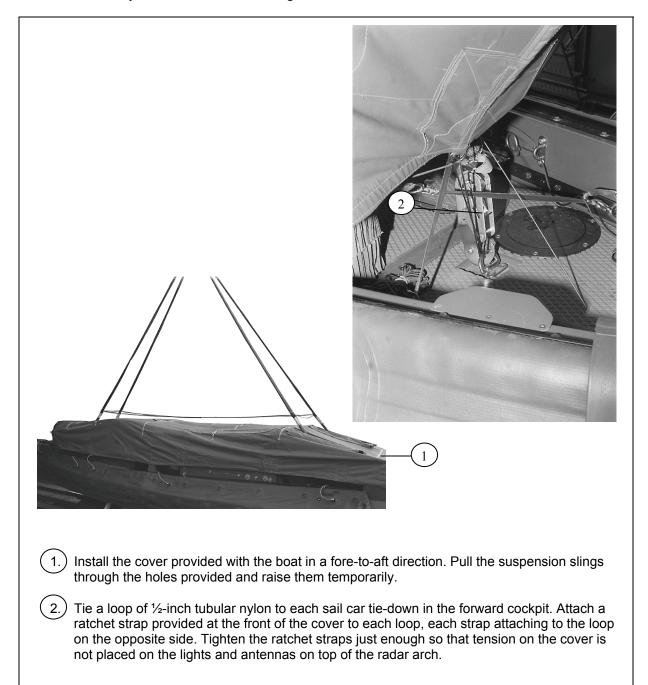


Figure 4-19. Boat Cover Installed

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