



# Maintenance Procedure Card

## Anti-Exposure Coverall

### ITEM 1. ANTI-EXPOSURE COVERALL PERSONAL ISSUE BUILD UP PROCEDURE

#### PARTS REQUIRED

Anti-exposure coverall	Open Purchase
Personal Marker Light	6260-01-086-8077
Strobe Light	ACR Firefly 3
Whistle	Fox 40

#### TOOLS REQUIRED

1/2 Inch Stencils (marking pens with black indelible ink may be used in lieu of stenciling)

#### CONSUMABLES

Black Stencil Ink	7510 00 469 7910
Paraffin	9160 00 285 2044
Disinfectant/detergent	7930 01 346 4289
Leak Detection Compound	6850 00 621 1820
Type I Nylon Cord	4020-00-240-2154
Hook Tape, 2"	Commercial Purchase
Size AA Alkaline Batteries	6135-00-985-7845

1. Stencil a locally generated serial number on the top; inside of the slide fastener cover (marking pens with black indelible ink may be used in lieu of stenciling).

#### NOTE

Steps 2 and 3 only apply to PFDs that will be worn without the boat crew survival vest.

2. With the specified length of Type I nylon cord, (sear the ends to prevent fraying), attach using a bowline followed by an overhand knot.
  - a. Attach the whistle to the PFD with a 24-inch piece of cord.

#### NOTE

PFDs that will be used in temperatures below 50 degrees Fahrenheit shall use the strobe light in lieu of the personal marker light.

- b. Clip the personal marker light to the PFD or attach the strobe light with a 36-inch piece of cord.
  - c. Trim to fit a 2 x 3 (1 ¼ x 3) inch piece of hook tape and attach to the Strobe light
3. Perform steps 2 through 5 from Item 2 below.
  4. Document personal issue by recording serial number and user information on AF Form 538.
  5. Record serial number and date placed in service on anti-exposure coverall maintenance log



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#### ITEM 2. ANTI-EXPOSURE COVERALL SEMI-ANNUAL INSPECTION

##### TOOLS REQUIRED and CONSUMABLES

See lists in ITEM 1 above.

1. Restore serial number marking as required.
2. Inspect the anti-exposure coverall over its entire surface for obvious signs of damage. Repair minor damage within unit capabilities; otherwise contact the manufacturer for repair facilities.
3. Inspect the entry and leg slide fasteners for ease of operation over their entire length. Lubricate slide fasteners with paraffin.
4. Inflate the head pillow with low-pressure air. Inspect entire surface for leaks using leak detection compound. Leaks shall be repaired by the manufacturer. However, do not exceed the cost of replacing the suit. Deflate and stow head pillow.
5. Inspect the oral inflation tube over the entire length. Damaged tubes shall be repaired by the manufacturer, however do not exceed the cost of replacing the suit.
6. Inspect personal marker light.
  - a. Inspect tube seal and expiration date. If the seal is broken or 3 years from date of manufacture will elapse within the next 180 days, replace the PML.
7. Inspect strobe light.
  - a. Obvious defects.
  - b. Check the security of the hook tape. Repair/Replace as required.
  - c. Remove and discard old batteries IAW local procedures.
  - d. Install new batteries. Do not over compress the gasket.
  - e. Activate the light and measure the flash rate. It shall be between 50 to 70 flashes per minute.
  - f. Replace lights that are broken or that do not flash at the desired rate
  - g. Check lanyard security and install in equipment pocket
2. Inspect whistle.
  - a. Inspect whistle for seam separation and cracks. Damaged or defective whistles shall be replaced.
  - b. Blow whistle normally (regular exhalation); then with forced exhalation. If whistle fails to emit a highly audible sound, replace it
  - c. Wipe whistle
8. Check lanyard security and install in equipment pocket.

##### CAUTION !

DO NOT DRY THIS SUIT IN A MACHINE DRYER. HEAT WILL DAMAGE THE SUIT.



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9. Hand-wash the suit as required in a solution of water and disinfectant/detergent. Rinse completely and hang dry.
10. Record date and inspection complied with on the anti-exposure suit maintenance log.