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CEINUM RA-KB00-001

1 SURVIVAL EQUIPMENT INSPECT

REFERENCES:

MPC [KB0040.0](#)

MPC [KB0096.0](#)

TOOLS/TEST EQUIPMENT:

Stone Assembly, Sharpening, P/N: 614636-85690, CAGE: 079E9, NIIN: 002151881 (Or equivalent)

Stopwatch, P/N: ST083009, CAGE: 80244, NIIN: 011064303 (Or equivalent)

EXPENDABLES:

NONE

CONSUMABLES:

Battery, AA Alkaline, P/N: EVEE91BP8, CAGE: 1WSP1, NIIN: N/A (2) (Or equivalent)

Corrosion Preventative Compound, P/N: WD-40, CAGE: 09137, NIIN: 008387789 (Or equivalent)

Fastener Tape, Hook (2 inch Self-Adhesive), P/N: A-A-55126, CAGE: 58536, NIIN: 010331734
(Or equivalent) (If required)

Light, Chemiluminescent (Personal Marker Light (PML)), P/N: 9-80770PF, CAGE: 0BY83, NIIN: 010868077
(If required)

Mirror, Emergency Signaling, P/N: WG0601, CAGE: 4N5D6, NIIN: 001051252 (If required)

Polish, Metal, P/N: 218-2050, CAGE: 7F287, NIIN: N/A (Or equivalent)

Respirator Cleaning Wipes, P/N: 504, CAGE: 50378, NIIN: 013723078 (Or equivalent)

Strobe Light (selected) (Refer to [Table 1](#))

Survival Knife (selected) (Refer to [Table 2](#))

Whistle, Non-Ball, Multi-Tone, P/N: ASC FOX40-C-IO, CAGE: 01BJ9, NIIN: 219127031 (If required)

A INSPECT SIGNAL WHISTLE

WARNING

**VARIOUS STEPS IN THIS PROCEDURE EMPLOY ITEMS ON
THE HAZARDOUS MATERIALS LIST. BEFORE EXECUTING
THIS MPC, REFER TO THE APPLICABLE MSDS/SDS FOR
FULL SAFETY AND HANDLING PROCEDURES.**

1. Remove split ring from whistle.
 - a. Discard split ring.

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2. Inspect signal whistle for cracks or seam separation.
 - a. Replace signal whistle, P/N: ASC FOX40-C-IO, if it is cracked or has any seam separation.
3. Test whistle by blowing through it normally, then with forced exhalation.
 - a. Replace whistle if it fails to emit a highly audible sound.

WARNING

AVOID EYE CONTACT WITH DISINFECTANT TOWEL. WASH EXPOSED SKIN THOROUGHLY AFTER HANDLING. FAILURE TO COMPLY MAY RESULT IN PERSONAL INJURY.

4. Clean whistle using a disinfectant wipe, P/N: 504.

B INSPECT STROBE LIGHT

NOTE: The ACR Firefly 3 strobe light has been discontinued by the manufacturer. Previously purchased Firefly 3 strobe lights may continue to be used until no longer serviceable.

1. Inspect the strobe light case for cracks or damage.
 - a. Replace strobe light if it is cracked or damaged, (Refer to [Table 1](#)).

WARNING

USE CAUTION WHEN HANDLING AAA, AA, A, C, D, AND 9 VOLT BATTERIES. DO NOT MIX RECHARGEABLE BATTERIES WITH NON-RECHARGEABLE BATTERIES IN THE SAME EQUIPMENT. DO NOT ATTEMPT TO CHARGE NON-RECHARGEABLE BATTERIES. USE ONLY APPROVED BATTERIES AND CHARGER. ALWAYS CHANGE OR CHARGE BATTERIES AWAY FROM EXCESSIVE HEAT, OR OTHER HAZARDOUS CONDITIONS. FAILURE TO COMPLY MAY RESULT IN SERIOUS PERSONAL INJURY.

2. Remove batteries from battery compartment.
 - a. Discard batteries.
3. Check battery compartment for corrosion.
 - a. Remove corrosion, (If required).
 - b. Replace strobe light if severe corrosion is noted.
4. Install two new size AA batteries, P/N: EVEC91BP8, into the battery compartment.
 - a. Tighten battery door retainer hand-tight.
5. Test strobe light.
 - a. Energize strobe light.
 - b. Count the flashes per minute using a stopwatch, P/N: ST083009.
 - (1) Replace strobe light if it fails to emit 50-70 flashes per minute, (Refer to [Table 1](#)).
6. Inspect condition of installed hook fastener tape.

NOTE: Sirius LED strobe lights are furnished with manufacturer installed hook fastener tape. The manufacturer installed hook fastener tape is acceptable for use until no longer serviceable.

- a. Replace hook fastener tape, P/N: A-A-55126, if missing or unserviceable.



NOTE: Self adhesive hook fastener tape shall be cut-to-fit so that it fits on the back of the strobe light case (opposite side as power switch) and does not interfere with the light.

- (1) Trim hook fastener tape to a size that fits on the back of the strobe light without interfering with the strobe light.

C INSPECT PERSONAL MARKER LIGHT (PML)

CAUTION

PFDS THAT WILL BE USED IN TEMPERATURES BELOW 50 DEGREES FAHRENHEIT SHALL HAVE THE STROBE LIGHT INSTALLED IN LIEU OF THE PERSONAL MARKER LIGHT.

NOTE: PFDs not worn in conjunction with the boat crew survival vest shall have a signal whistle and either a strobe light or PML attached.

1. Check expiration date located on the tube seal.
 - a. Replace PML, P/N: 9-80770PF, if expired or if expiration will occur in the next 6 months.
2. Check for broken tube seal.
 - a. Replace PML if the tube seal is broken.

D INSPECT PERSONAL LOCATOR BEACON (PLB)

NOTE: Previously purchased McMurdo 406 MHz PLBs shall remain in service until they are no longer serviceable.

NOTE: Regular PLB maintenance (inspect/test) is already scheduled and performed using MPC [KB0040.0](#). The below inspection is to identify any obvious defects.

1. Inspect PLB for visible signs of damage.
 - a. Perform PLB monthly inspect/test if any damage is noted, (Comply with MPC [KB0040.0](#)).

E INSPECT READY SERVICE PYROTECHNICS

1. Inspect MK-124 smoke and illumination signals, (Comply with [KB0096.0](#)).
2. Inspect MK-79 personnel distress kits, (Comply with [KB0096.0](#)).

F INSPECT SIGNAL MIRROR

1. Inspect mirror for cracks or breaks.
 - a. Replace signal mirror, P/N: WG0601, if it is cracked or broken.
2. Inspect signal mirror for legibility of instructions printed on back of mirror.
 - a. Replace signal mirror if instructions are not legible.

G INSPECT SURVIVAL KNIFE

WARNING

OBSERVE SAFETY PRECAUTIONS WHEN WORKING WITH EQUIPMENT WITH SHARP EDGES. FAILURE TO COMPLY MAY RESULT IN SERIOUS PERSONAL INJURY.

1. Rinse knife and sheath using freshwater.
2. Wipe or air dry.



3. Inspect survival knife for corrosion.

WARNING

AVOID EYE CONTACT, SKIN CONTACT, INHALATION, AND INGESTION WITH POLISH. KEEP AWAY FROM ALL SOURCES OF IGNITION. USE IN A WELL VENTILATED AREA. USE OF SPLASH PROOF GOGGLES AND/OR FACESHEILD REQUIRED DURING USE. WASH EXPOSED SKIN THOROUGHLY AFTER HANDLING. FAILURE TO COMPLY MAY RESULT IN PERSONAL INJURY.

- a. Remove corrosion using metal polish, P/N: 218-050.
4. Inspect survival knife for cracks or breaks.
NOTE: Benchmade knife can be sent in to Benchmade at no charge for sharpening and repairs per Benchmade warranty http://www.benchmade.com/services/lifesharp_services.aspx.
 - a. Send benchmade knife, P/N: 112SBK-CG, to manufacturer for repair, (If required).
 - b. Replace survival knife if cracked or broken, (Refer to [Table 2](#)).
5. Sharpen the following survival knife, (If required):

NOTE: Benchmade knife can be sent in to Benchmade at no charge for sharpening and repairs per Benchmade warranty http://www.benchmade.com/services/lifesharp_services.aspx.

NOTE: Benchmade knife, must be sharpened using a flat sharpening stone.

- a. Benchmade knife.
NOTE: Benchmade butterfly logo is visible on the factory edge.
 - (1) Sharpen only one side of the blade with the factory edge using a knife sharpener, P/N: 614636-85690.
 - (2) Follow the angle of the factory edge when sharpening.
- b. Lifesaving systems corp survival knife.
 - (1) Sharpen both sides of the blade using a knife sharpener.

WARNING

AVOID EYE CONTACT, SKIN CONTACT, INHALATION, AND INGESTION WITH CORROSION PREVENTIVE COMPOUND. KEEP AWAY FROM ALL SOURCES OF IGNITION. FAILURE TO COMPLY MAY RESULT IN PERSONAL INJURY.

6. Apply a light coating of corrosion preventative compound, P/N: WD-40, to the survival knife blade.
7. Wipe away excess corrosion preventative compound using a clean rag.
8. Store, segregate, or dispose of hazardous materials IAW all applicable local, state, and federal regulations.
9. Document any discrepancies.



Strobe Light			
LSC Sirius LED	P/N: 640	CAGE: 64249	NIIN: N/A
LSC Sirius MILTAC (DSF Units only)	P/N: 642	CAGE: 64249	NIIN: N/A
ACR Firefly Pro SOLAS (4 pack)	P/N: 3970.3	CAGE: 18560	NIIN: N/A
ACR Firefly Pro SOLAS (20 pack)	P/N: 3970.4	CAGE: 18560	NIIN: N/A
ACR Firefly 3 (Discontinued)	P/N: 3995.3	CAGE: 18560	NIIN: N/A

STROBE LIGHT
Table 1

Survival Knife			
Knife, Special, Sheath Assembly (Lifesaving Systems)	P/N: 358	CAGE: 64249	NIIN: 012783007
R&S Knife (Benchmade)	P/N: 112SBK-CG	CAGE: 041N2	NIIN: N/A

SURVIVAL KNIFE
Table 2

