

## **PREFLIGHT PREPARATION FOR NVG USE**

### **A. Battery Installation**

**CAUTION:** Be sure the power module is switched off before installing batteries. Ensure only 1.5 Vdc AA Alkaline batteries are used.

1. Push the battery pack doors up (open)
2. Remove the cartridge containing the two 1.5 Vdc AA batteries.
3. Check to make sure the interior of each battery compartment is clean.
4. The required polarity for the battery is illustrated on the inside of the cartridge module.
5. Insert the battery cartridges into the battery pack and close the battery pack doors.

**NOTE:** Make sure to use a fresh (no-time battery) in the alternate compartment before beginning a mission. Some batteries that have been used still have many hours of life remaining, make sure to install these used or "time" batteries in the primary compartment.

### **B. Low-Battery/Electrical Check**

1. With good batteries installed in both compartments of the low profile battery pack, remove the battery cap on the left compartment.
2. Turn the power switch to the alternate ON position. The low-battery indicator should blink.
3. Return the switch to the OFF position (middle) and replace the battery cap.
4. Remove the battery cap on the right compartment.
5. Turn the power switch to the primary ON position. The low-battery indicator should blink.
6. If the low-battery indicator fails to blink, switch the primary and alternate batteries and repeat this test.

7. With helmet on, select primary power and make sure both tubes are green. Then repeat with secondary power.

**C. Attaching the Binocular Assembly to the Helmet Mount Assembly**

1. Make sure the power switch is turned OFF.
2. Hold the binocular assembly with both hands at approximately a 30 degree angle so the eyepieces face you. Slide the spring loaded ball bearings of the fore-and-aft assembly into the mount channels until they lock in place.
3. Rotate the binocular assembly to the up and lock position.

**D. Preparing the Helicopter for Night Operations**

One hour prior to official sunset, (utilizing the interagency aircraft sunrise/sunset chart) the aircrew shall:

1. Inspect the helicopter(s) to ensure that there are no loose items in the cabin.
2. Install the cargo mirror covers, chin bubble blackout mats.
3. Remove the hover-pump/snorkel system from the fixed-tank.

**NOTE:** Once the aircraft has been configured and inspected, **no** items shall be added or removed from the aircraft without the crew chief and pilot's approval.  
**NO EXCEPTIONS.**