

## P9: Operate PVS-14 Monocular Night Vision Device

Based On:

### 071-706-0001 Operate the AN/PVS-14 Monocular Night Vision Device (MNVD)

**Task:** Prepare, mount, and operate a set of AN/PVS-14 Monocular Night Vision Device. Identify characters in no light/ low light conditions. Correctly Stow AN/PVS-14s.

**Conditions:** You are member of a squad conducting operations in limited visibility and have an AN/PVS-14 monocular night vision device (NVD) that is prepared for operation. You have all your assigned personal equipment. You are conducting operations in a non-CBRN environment.

**Standards:** Place the AN/PVS-14 NVD into operation under normal conditions in one minute while wearing your helmet in no light/ low light conditions. Correctly identify and record 3 alpha/numeric symbols with a 100% accuracy in no light/ low light conditions using correctly adjusted AN/PVS14s in 30 seconds or less. Properly stow the AN/PVS-14 NVD after use **in sequence** in under 1 minute in lighted conditions.

**Station Requirements:** A tent or other light proof structure, which will contain a table to place AN/PVS-14 Nods, carrying case, and all unit issued BII. AN/PVS-14s will be staged with working battery correctly installed. For both the mounting system and Nods **EVERY available point of adjustment** must be maladjusted prior to the candidate's start. Also, candidate will be provided with a grade sheet to record three alpha/numeric combinations. A system to temporarily expose/cover three different letter/number combinations which are only readable from the candidate's position with correctly worn and adjusted NVDs. A light source will be available for the "stow" portion of the task to facilitate steps "3 a" and "3 i."

*Candidate will start in the standing position not touching the equipment.*

### Performance Steps

#### 1. Operate AN/PVS-14 under normal conditions. Use the AN/PVS-14 mounted on a helmet.

- a. Don the helmet (***will maintain helmet on until step 3***). **One minute time starts**.
- b. Place the NVD in the socket of the helmet mount.  
**(STEPS 1-8 may be done in any sequence)**
  1. Depress the side buttons (or press down on side lever on metal mount) to set the eye relief.
  2. Move the NVD fore or aft until the eyecup comfortably seals around the eye.
  3. Turn the NVD ON.
  4. Rotate the diopter adjustment for the clearest view of the image intensifier screen.
  5. Adjust the eye relief distance.
  6. Press the side buttons (or press down on side lever on metal mount).
  7. Slide the NVD fore or aft to obtain a full field-of-view of the image.
  8. Adjust the objective lens focus, while observing an object, until the sharp image is obtained.
- c. Grasp the helmet tilt and flip-up assembly and rotate upward and rearward until the latch is firmly engaged. *Note: The NVD will automatically power off when flipped up.*
- d. Grasp the helmet tilt and flip-up assembly and rotate downward and forward until the latch is firmly engaged.
- e. Turn the power switch to the ON position to resume viewing.

#### 2. Identify 3 alpha/numeric symbols in low light/ no light conditions in under 30 seconds.

- a. **(Grader will expose 3 distinct Letter/Number Combinations) 30 second time starts** candidate records all three exposed letter/number combinations on provided grade sheet then steps back when complete.

#### 3. Stow the AN/PVS-14.

- a. Turn NVD OFF. **One minute time starts**.
- b. Remove the NVD from the headset or helmet mount.
- c. Remove battery or batteries.
- d. Inspect the battery compartment for corrosion or moisture.
- e. Replace battery cap.
- f. Remove eyecup, demist shield, sacrificial window, compass or 3X magnifier. (If items are unit BII)
- g. Replace eyepiece and objective lens cap.
- h. Ensure monocular is clean and dry before placing into carrying case.
- i. Replace all equipment in the carrying case.