

**Dear Customer,**

Thank you for buying a NAVY ONE or APACHE binocular. You can be assured that this product represents the highest performance, material and workmanship standards as the binoculars delivered under contracts to the U.S. Army and U.S. Navy.

**FOCUSING ADJUSTMENT  
INSTRUCTIONS:**

a) Focus on an object at least 50 meters away. Focus each eye separately by closing the other eye. Then remember the diopter setting of the eye pieces for your eyes. It is a good practice to keep your personal binoculars only for yourself so that there is a minimal amount of adjustment. The binocular can be used with eyeglasses by pushing down the eyecups with the palm of your hand or folding back the eyecups. Once set for your eyes, the binoculars require no or minimal focusing while viewing, and should remain sharp from approximately 30 meters to infinity.

b) The interpupillary distance between the left and right side must be correct, otherwise you will see two images, adjust the binoculars at the center axis up and down, until viewing is comfortable for your eyes.

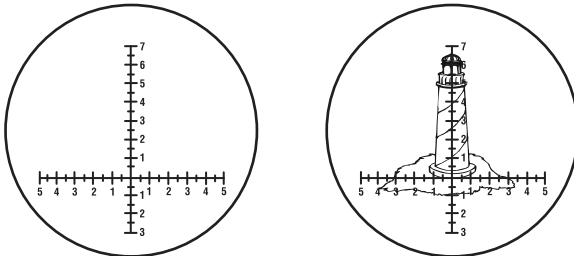
**Weems & Plath®**

*Manufacturer of Fine Nautical & Weather Instruments*

## Please read these very important care guidelines

- Read the instructions and warranty information prior to use.
- Avoid exposing binocular to extreme temperatures. Avoid prolonged exposure of binocular to direct sunlight.
- Always use neck strap to avoid dropping the binocular. Keep lens covers in place or store in case when not using binocular to avoid scratching the lenses.
- To clean lenses, brush away any loose dirt or sand (with a soft brush), use warm water and mild soap solution to wipe the lenses clean, dry with a clean, soft cotton cloth.
- Store binocular at room temperature. Dry and clean binocular before storage.
- After use near salt water, thoroughly clean all exterior parts with damp cloth and dry before storage.
- Never point the binocular at the sun. The sun can cause irreparable damage to the human eye.

The Apache 7x28 has the cross hairs reticle for range finding. Both the horizontal and vertical reticle lines are etched with graduations of 10 blocks. One block is 10 mils and it is divided into 5 mils with the small line at its center. One mil means 1m height or wide at 1000m distance. So, the Apache reticle covers a total range of 100m at 1000m distance. With this formula, you can figure out the distance to the object provided you know the height of the object. If you know the distance to the object, then you can figure out the height of the object. The measuring formulas are as below.



To measure distance when target object height is known:

$$\frac{\text{Object Height (m)}}{\text{Scale Reading}} \times 1000\text{m} = \text{Distance in meters}$$

To measure object height when distance is known:

$$\frac{\text{Distance (m)} \times \text{Scale Reading}}{1000} = \text{Distance in meters}$$