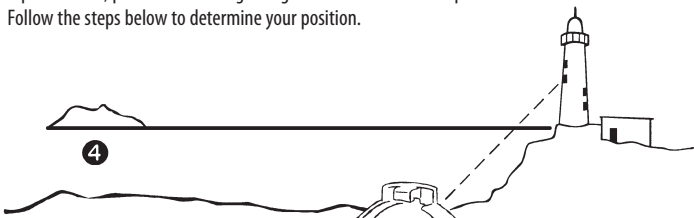


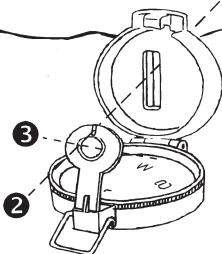
## Position Finding

**Locator** can be used for general direction finding, even without a map or chart. Using a regional topographical map or marine chart, **Locator** will allow you to find your position on land or at sea in coastal waters within sight of charted landmarks and designated aids to navigation.

A parallel rule, protractor or straight edge will also facilitate the process. Follow the steps below to determine your position.



1. Open the cover until it is perpendicular to the compass card. Raise the lensatic magnifier fully to its stop. Bring the sighting slot to your eye, holding the compass level so the compass card is able to rotate freely.

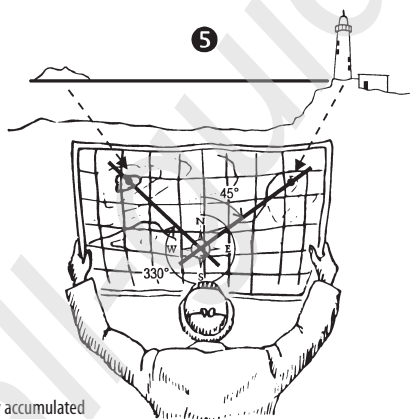


3. Without moving the compass, glance down through the lensatic magnifier and read the bearing from the compass card.

4. Repeat the process for another landmark or aid to navigation. Try to choose one that is at least 30 degrees away from the first.

2. Align a charted landmark or aid to navigation with the sighting hairline and center the object in the sighting slot.

5. Using a protractor or parallel ruler and the compass rose printed on the marine chart or topographical map for the region, draw lines through the landmark or aid to navigation symbols on the chart at the bearing angles read from the compass. The intersection of the lines designates your location.



**Locator** requires little care. Wipe off any accumulated moisture or dust with a soft cloth or tissue. Avoid dropping your **Locator** or subjecting it to shock, which could dislodge the compass card from its pivot. Do not immerse in any liquid, or subject it to heavy spray or prolonged dampness.

## HU-401 Instructions



Ages 7 to Adult



**WARNING:**  
NOT SUITABLE FOR CHILDREN  
UNDER 36 MONTHS DUE TO  
SMALL PARTS.

# AdventurePak

Carson Optical  
35 Gilpin Avenue, Hauppauge, NY 11788-4723  
Customer Service: 1-800-9-OPTICS  
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Hawk 5x30mm Binocular  
Locator Compass  
Signal Whistle  
Pocket Flashlight  
Carry-All Pouch Case

## Welcome

Your new **AdventurePak** is ideal for backpacking, hiking, canoeing and all forms of nature exploration. It includes a compact, lightweight and easy-to-carry **Hawk 5x30mm** binocular, which is particularly well suited for birding and other forms of nature watching; a **Locator** lensatic ranging compass having true hand-bearing triangulation capabilities; a whistle with both Celsius and Fahrenheit temperature scales; a two-cell pocket flashlight; and a soft carry-all pouch case. If you're interested in the outdoors, **AdventurePak** is sure to increase your enjoyment and add to your safety at the same time.

## Robin Binocular

The **5x30mm Hawk** is a compact binocular with fully coated prisms and lenses for crisp, bright images. Focusing is an easy one step process using the common center focus knob. Generous eye relief and roll-down eye cups make viewing easier for those who wear corrective lenses. The **Hawk** is extremely portable and lightweight, fitting easily into a coat pocket or backpack.

The **Hawk's** precision construction ensures performance under the most demanding conditions. With reasonable care, it will give you years of pleasure. This information will help you achieve the most from your **HU-530 Hawk Binocular** by explaining how to use and maintain it.



**EYE SPACING:** The distance between eyes varies from person to person. The **Hawk** can be adjusted to a variety of eye spacings. To set the eye spacing:

1. Hold the **Hawk** in the normal viewing position with the rubber eye cups nearest your eyes.
2. Grasp each barrel firmly and rotate them closer together or further apart until you see a single ocular field. Always reset your binoculars to this position before using.

**FOCUS:** To focus the **Hawk**, simply look through the binocular at a fixed point and turn the center focus knob until the image in both eyes is sharp and in focus. You will need to adjust the focus knob as you view subjects at varying distances.

**EYECUPS:** The **Hawk** is fitted with rubber eyecups designed to minimize extraneous external light. If you wear glasses, roll down the eyecups. This will bring your eyes closer to the binocular lenses, improving the field of view.

### Care

If handled properly, your **Hawk** binocular will provide years of trouble-free service. Like any fine optical instrument, the **Hawk** should be given sensible care.

**LENSES:** Blow briskly on the lenses to remove any dust or debris, or use a soft brush. To remove dirt or fingerprints, breathe on the lenses to form a light mist and rub lightly in a circular motion with photographic lens cleaning tissue. For a more thorough cleaning, dampen a lens cleaning tissue or clean, soft cloth with photographic lens cleaning fluid and rub gently in a circular motion. Never apply the fluid directly to the lens. Avoid excessive rubbing or cleaning with a coarse or dirty cloth as it may scratch the lens and permanently deteriorate optical quality.

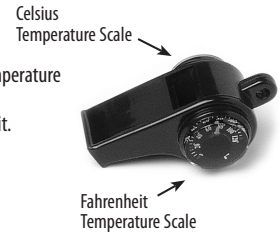
**THINGS TO AVOID:** Never attempt to clean the **Hawk** internally or try to take it apart. To do so will disturb its optical alignment and void your warranty. Do not immerse the **Hawk** in any liquid. Avoid exposure to prolonged dampness. Wipe off any accumulated moisture with a soft cloth or tissue. Avoid dropping your **Hawk** or subjecting it to shock or violent impact, which could jar the optical system into misalignment. Never use the **Hawk** to look at the sun or any bright or concentrated source of light.

- Specifications:
- Magnification:..... 5x
  - Objective lenses:..... 30mm
  - Field of View:..... 312 ft.
  - Min. Focusing Distance:..... 8.0 ft.
  - Prism:..... BK-7
  - Eye Relief:..... 11mm
  - Weight:..... 6.6 oz.
  - Dimensions:..... 4.5 x 4.0 x 1.50"



### Signal Whistle

The **Signal Whistle** comes with two built-in temperature scales. One measures the temperature in Celsius. The other measures the temperature in Fahrenheit.



### Carry-All Soft Pouch

The **AdventurePak** includes a soft, carry-all pouch case and strap designed to securely hold the **Hawk** binocular, **Locator Compass**, **Signal Whistle**, and the **Pocket Flashlight**.\*



\* Uses 2-AA Batteries (not included).  
**Note: Do not leave batteries installed during extended periods of non-use. Do not mix new and old batteries. Do not mix Alkaline, Carbon Zinc, or Rechargeable batteries.**

### Locator Engineer's Compass

The **Locator** is a self-contained engineer's pocket compass capable of providing precise handheld bearings to selected objects. It utilizes a lensatic magnifier and sighting hairline to ensure bearing accuracy. In addition, an adjustable marching line is provided as an aid to maintaining direction in darkness, fog or through rough terrain. The information that follows describes the parts of your **Locator** compass and tells you how to use and care for it.

