

## Sight Compass

### SC063

The SC063 is a portable, self-contained calibration device used to check the mounted aircraft compass. Consisting of a modified aircraft compass which has been re-screened to indicate 180 degrees from normal. The SC063 allows the operator to stand facing the aircraft, making it considerably easier to transmit signals to and from the aircraft cockpit. The SC063 is unique in that the compensating magnets have been removed and a combination magnifying lens and collimating sight added. The compensator has been removed so the compass indicates magnetic direction at all times and is not subject to calibration offsets. The magnifying lens increases the readability of the dial and the collimating lens insures precise sighting alignment. Attached to the rear of the compass is an adjustable sight lens. The lens is precisely aligned to insure that the overall accuracy of the dial does not exceed  $\pm 1$  degree.

The sight compass is painted orange and a caution label is attached to prevent inadvertent installation in an aircraft. Each unit is painted orange for clear identification and must not, under any circumstances, be used as an aircraft compass

The compass is mounted on a bracket which can be attached to the monopod assembly. The monopod support provides a stable reading while not requiring long set-up times. The 5-foot 6-inch monopod assembly may be adjusted so the sight compass meets the eye level of the operator.

All external parts of the sight compass such as the mounting bracket, monopod and associated mounting hardware were designed of materials which will not affect the magnetic accuracy of the sight compass.



### Features

- > Calibration device for mounted aircraft compass
- > Indicates magnetic direction at all times
- > Rugged, durable and lightweight
- > Accurate to within  $\pm 1$  degree
- > Hand-held and portable
- > 5-foot 6-inch monopod support included
- > Protective carrying case included

### SC063 Dimensions

|        |      |      |
|--------|------|------|
|        | in.  | cm.  |
| Height | 3.1  | 7.9  |
| Width  | 2.5  | 6.4  |
| Depth  | 3.0  | 7.6  |
|        | lbs. | kg   |
| Weight | 1.2  | 0.54 |