

BARFIELD

SC063 SIGHT COMPASS

GENERAL INFORMATION

The SC063 is used to check the mounted aircraft compass. Our sight compass, is a portable, self-contained calibration device consisting of a modified aircraft compass which has been re-screened to indicate 180 degrees from normal. Since the sight compass is 180° away from normal, it permits 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 ± 1 degree.

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

The Barfield compass comes with a short handle, a monopod for support, and a leatherette carrying case for protection when not in use.

The compass is mounted on a bracket which can be attached either to the handle or monopod assembly. The monopod support provides a stable reading while not requiring long set-up times. The 5-foot monopod assembly is furnished in sections consisting of assorted lengths. Combinations of these lengths may be chosen to adjust the sight compass to the eye level of the operator.

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



FEATURES

- Rugged, durable, and lightweight
- Accurate to within $\pm 1^\circ$
- Hand-held and portable.
- 5 Foot Monopod support included
- Protective carrying case included