

SALES SHEET
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Wilcox's Parachutist Navigation Board (Heated Version)

BACKGROUND

High Altitude High Opening (HAHO) parachute operations require the use of navigational tools to assist the parachutist with navigating from the predetermined "Opening Point" to the "Point of Impact". Oftentimes, tactical parachute operations are conducted at extreme high altitude in order to maximize the parachutist standoff distance. Extreme high altitude operations place a higher reliance on Global Positioning Systems (GPS) for navigating from the "Opening Point" to the intended "Point of Impact". Temperatures at these extreme high altitudes have an adverse affect on the electronic and LED screen of the attached GPS unit and require additional thermal protection.

FEATURES

Wilcox is an industry leader in the design, test, manufacture and fielding of equipment to meet the demanding needs of the U. S. military and Special Operations community. To meet the needs of the HAHO Parachutist when conducting operations at extreme high altitude or in extreme cold conditions, Wilcox has developed the *Parachutist Navigation Board (Heated Version)*. This lightweight articulating platform features a heated GPS containment vessel with a hinged top cover assembly, backlit Ball Compass and a backlit MA-230 military altimeter. Additionally, the Navigation Board features a multi-angle articulating back plate and hinge system that allows the parachutist to deploy the Navigation Board once safely under parachute canopy. The back plate is designed to allow the unit to be worn with a Rhodesian Vest or secured with the waist band of the parachute harness.

THIS SYSTEM

In order to keep the GPS unit from being adversely affected by the extreme cold temperatures routinely associated with HAHO parachute operations, the heater element of the GPS containment vessel is activated prior to jumping from the aircraft. Once safely under parachute canopy, the *Parachutist Navigation Board (Heated Version)* is easily deployed by unscrewing the articulating hinge locking pin and rotating the navigation board to the desired angle. Once in the desired location, the articulating hinge locking pin is tightened to secure the desired position. For covert night time operations, the red LED integrated into the Ball Compass can be illuminated. If needed, the heated GPS containment vessel can easily be accessed while under canopy by simply depressing the release lever and raising the hinged top cover.



**The Parachutist Navigation Board
(Heated Version Shown)**

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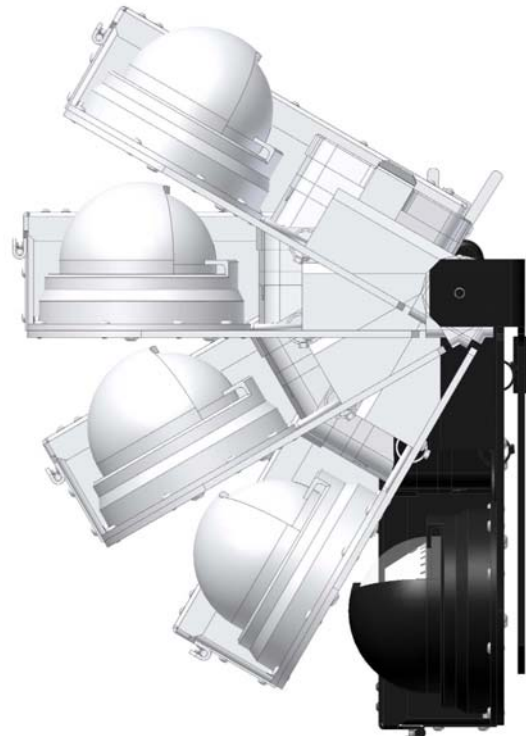
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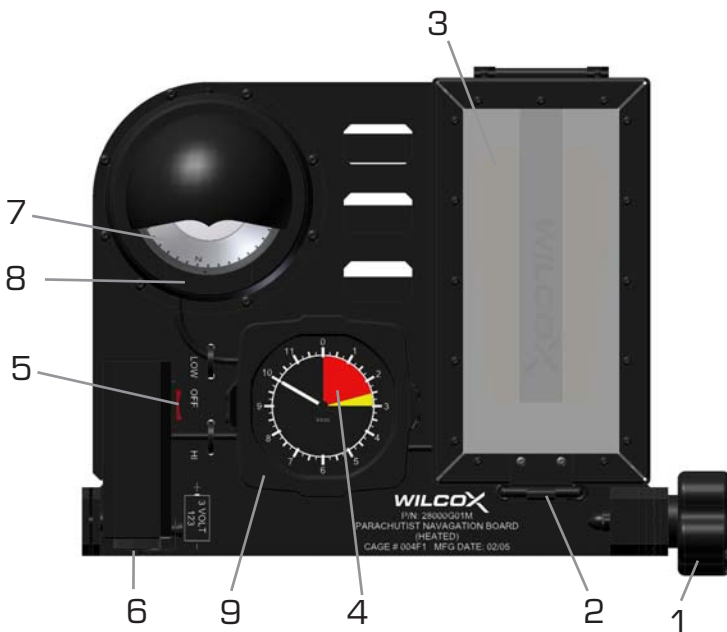
SPECIFICATIONS

Distinct Features of the *Parachutist Navigation Board (Heated Version)* are as follows:

- 1) Features a multi-adjustable, articulating front plate for mounting the Board to the operator by means of a variety of harnesses. A velcro adhesive assists in securing the front plate to the harness.
- 2) A Release Lever allows for easy access to the GPS unit by means of a hinged Cover.
- 3) A heated GPS storage box protects the GPS unit from freezing at extreme cold temperatures and is capable of accommodating handheld GPS units up to 3.25" W x 6.25" H.
- 4) A MA-230 standard Military Altimeter, included with the *Navigation Board (Heated Version)*, features a red backlight for night operations.
- 5) A three position Power Switch provides three modes of operation: Low, Off, and High.
- 6) The Battery Compartment houses a 123 3-Volt Lithium Battery.
- 7) A standard Ball Compass features a white face and bold black lettering for ease of viewing during night operations. The Ball Compass features a red LED back light that can be operated at high or low power and can accommodate a Backup Chem Light.
- 8) A MA-230 housing adapter provides a means for storing and using a back-up mini Chem Light for the Ball Compass in an emergency situation.
- 9) Up to four mini Chem Lights can be housed at 3 o'clock, 6 o'clock, 9 o'clock, and 12 o'clock, to provide a means of illuminating the Altimeter in an emergency situation.
- 10) The Red LED backlight serves as a visual indicator of heater function. When the LED backlight turns off, the heater will also turn off shortly thereafter.
- 11) All components can be easily manipulated with gloved hands.



**Parachutist Navigation Board (Heated Version)
Depicting Front Plate Articulation**



ORDER NUMBER:

- 28000601** Parachutist Navigation Board (Heated Version with MA-230 Military Altimeter)
- 28000602** Parachutist Navigation Board (Heated Version without MA-230 Military Altimeter)

To obtain pricing information on this product, contact the Wilcox Industries Corp. Marketing Department.

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