

SUPERAWOS®
SU-2000

**OPERATIONS
&
MAINTENANCE
MANUAL**

Aug 1, 2005

For the latest updates, go to:

www.SUPERAWOS.COM

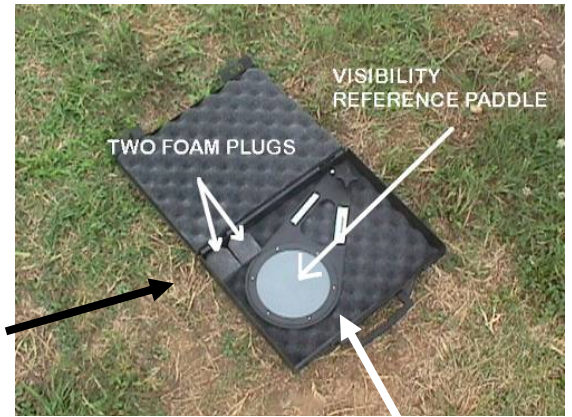
800 207 - 8999

1. SETTING SUPERAWOS VISIBILITY

The *SUPERAWOS*® will initially wake-up with its visibility 'disabled,' requiring initial setting / field calibration as follows.

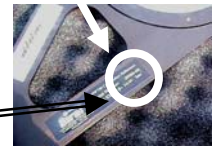
Once set, the calibration is retained and visibility provided to pilots.

Each system is shipped with a complete kit for calibrating and checking / verifying the visibility sensor; which is used during initial setup and subsequent revalidation.



The system speaks to you step-by-step, simple, intuitive instructions, after which you either *CONFIRM* that you've completed the step by pressing the Push-to-Talk (PTT button), or *CANCEL*, either by selecting CANCEL, or by returning both knobs to RUN, as the system will instruct you.

PADDLE REF 'EXCO" ON LABEL



ACCESS TO CALIBRATION KIT – The kit may be found by opening the SuperAWOS MAIN ENCLOSURE access door, and is located within.

SELECT FUNCTION - On the Control Panel, move the upper FUNCTION SELECT knob to its *LIST* position until you hear “*SET VISIBILITY,*” then rotate the knob to its *SELECT* position. If you miss it the first time, relax, the list will repeat.



If visibility is less than 5 miles, the system will tell you to try again later, when the visibility is better than five miles.

CONFIRM VISIBILITY PADDLE - The system asks you to confirm the paddle number, printed on the calibration paddle's label, as shown above.

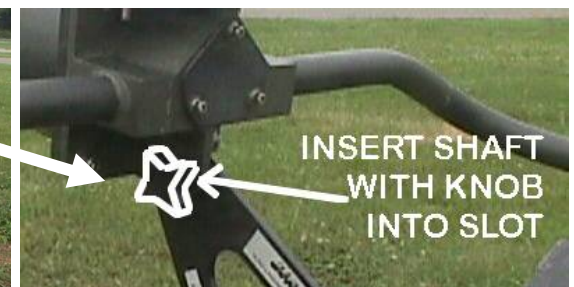


LOWER THE VISIBILITY MAST - The system will then tell you to lower the visibility mast.



Remove the two safety pins securing the visibility mast. Holding the mast, release its safety collar by moving to its unlocked position. Carefully lower the visibility mast until it rests approximately level, with its support arm on the ground.

INSERT VISIBILITY PADDLE – The system will tell you to install the paddle, putting the knobbed-shaft into its slot on the sensor.



AFTER a few minutes, the system will either confirm calibration within tolerance, telling you to return the mast, or it will provide you other instructions to fully re-calibrate the sensor.



THE SUPERAWOS VISIBILITY SENSOR ACCURACY, TOLERANCE AND WINDOW CLEANLINESS ARE THEREAFTER MONITORED CONTINUOUSLY VIA SATELLITE COMMUNICATIONS