

UNIVERSAL AIRSPEED INDICATOR

Item # UASI

Last updated: August 15 2020



The Radiant Universal Air Speed Indicator (RUASI) provides users with digital and graph trending airspeed in a 2.25", daylight readable package.

FEATURES:

- Digital numeric display is huge, for easy cockpit visibility
- Trending graph form air speed is also displayed
- All speeds are colored according to green, yellow, redline, and flap speeds as set by the user.
- Range may be 100, 160, or 200, in either knots or MPH.
- The sensor is medical grade and highly temperature stable.
- The display is very responsive to airspeed changes, and very smooth as well.
- The display has a "Flaps" indication when the airspeed is within the white range.
- The display indicates "Overspeed" when the redline is reached or exceeded.
- The screen is dimmable, and the potentiometer is included.



INSTALLATION:

Install in any standard 2.25" instrument cut out. Do NOT overtighten the corner screws. Install the potentiometer for the dimmer in a hole of your choice. Cut the 9 volt power connector off and wire to ship avionics power (9 to 32 volts) through a 1 amp fuse or breaker.

OPERATION:

1) When you turn the unit the first several times, it will show a green range, a yellow range, a red range and a white range. Touch the up or down buttons to change these values to match your aircraft. When you are satisfied, it will advance to the next range after a few seconds.

Green: Start of your green range;

Yellow: Start of your yellow range:

Red: Your redline

White: Top of your flap range

The unit will show you these values at boot time for about 8 power cycles. Thereafter, it will boot directly to the main screen.

2) If you hold the LEFT button down, BEFORE and WHILE powering up, the unit will do a factory reset, allowing you to set your speed ranges again.



3) If you wish to recalibrate the unit zero speed, turn the unit on and let it sit for a few minutes. (Keep the pitot tube out of the wind.) Hold BOTH buttons in for ten seconds, then release. The unit will reboot, and the zero point is now recalibrated.

4) While in operation, you can hold the units or the scale button in for 10 seconds, and the unit will reboot. Scale is either 100, 160, or 200. Units is either MPH or Knots. You pick what you want. 200 Knots is not supported at this time.

DISCLAIMERS:

Products from Radiant Technology are not designed to be used in applications where their failure would endanger safe flight or human life in any way.

They are intended solely for use in VFR conditions. They are not certified to meet any Technical Standard Order, and are not produced under a Parts Manufacturing Authority (TSO / PMA). As a result, they are suitable only for use in experimental and ultralight aircraft, and in Light Sport Aircraft, if meeting the requirements of the respective manufacturer.

WARRANTY:

Your new Radiant Technology instrument carries a one-year warranty, from the invoice date. Please contact us at support@beliteaircraft.com should your product need warranty service. There is an additional charge for international warranty service.

RETURN / REFUND INFORMATION:

Must be returned in new, uninstalled, resalable condition within 14 days after receipt. Ship to Radiant Technology, PO Box 20690, Wichita KS 67208.

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