The Radar Altimeter With The Popular Price

Part of the panel-mounted Bendix/King Silver Crown product line, the KRA 10A Radar Altimeter offers a combination of capability and reliability at an affordable price. Now, owners of single-engine and light twin aircraft can enjoy the advantages of having AGL (above-ground level) altitude information, with all the confidence associated with the Bendix/King name.

The system features an easy-to-read, 3-inch KI 250 indicator which displays AGL altitude from 20 ft. to 2,500 ft. (Displayed AGL altitude meets published accuracy specifications between 50 ft. and 2,000 ft.) The KI 250 also offers continuous selection of Decision Height and annunciation of arrival at Decision Height by both a DH light and an aural warning.

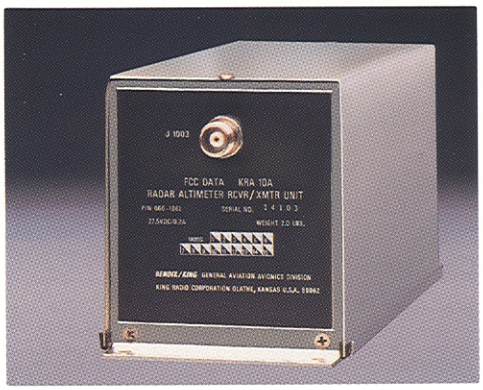
The indicator is white-lighted and can be manually dimmed; DH lamp dimming is handled automatically by a photocell. The KI 250 can also drive an auxiliary DH light, such as that found on the KI 256 Flight Command Indicator for KFC 200 and KFC 150 Flight Director systems. An auxiliary analog output, typically used by flight directors and autopilots, is included. Complete self-test capacity is built in, and is available both during preflight and flight.

The heart of the system is the solid-state KRA 10A Remote Receiver/Transmitter Unit. Typically operating on 28 volts primary power, it can run on 14 volts with the optional KA 133 14V-28V Converter. Its modular, plug-in-board construction facilitates service.

The KRA 10A's antenna is the KA 131 model, available in two configurations: 1. Standard, for mounting surfaces parallel to the ground; and 2. Skewed, for mounting surfaces sloped at between 6° and 20°. These options provide additional flexibility for antenna location.

While the Receiver/Transmitter must be located within 2 ft. of the antenna, the indicator can be placed in virtually any position, with or without shock mounts. The complete system weighs just 3.8 lbs. (1.7 kg), including mounting hardware. The receiver/transmitter's compact size—just 3.1 x 3.5 x 8 in. (7.9 x 8.9 x 20.3 cm)—makes it practical for use in aircraft with limited space for remote installations.

Unlike some radar altimeters, KRA 10A system components do not have to be calibrated as a matched set. This helps reduce maintenance costs and limits the amount of time required for service, since off-the-shelf components can be interchanged with each system. The attached operator's guide notes the system's key performance features.



Featuring rugged, die-cast construction and a digital altitude processor for extended drift-free operation, the KRA 10A Receiver/Transmitter offers reliable AGL information.