

## Honeywell

### KRA 405B RADAR ALTIMETER INSTALLATION MANUAL

#### C. KRA 405B RECEIVER/TRANSMITTER (cont.)

ALTITUDE OUTPUT: Slope: Precision Equipment:	-20 to 2,500 feet (-6.1 to 762.0 m) -10 mV/ft (32.81 mV/m); Zero ft = 0.000 volts
Auxiliary Out #1:	-20 to 500 feet (-6.1 to 152.4 m) +20 mV/ft (+65.62 mV/m); 500 to 2,500 feet (152.4 to 762 m) +3 mV/ft (9.84 mV/m); Zero ft = +0.400 volts
Auxiliary Out #2: (-0101, -2001)  Auxiliary Out #2: (-0202)	-20 to 2,500 feet (-6.1 to 762.0 m) -4 mV/ft (13.12 mV/m); Zero feet = 0.000 volts  -20 to 480 feet (-6.1 to 146.3 m) +20 mV/ft (+65.62 mV/m); 480 to 2,500 feet (146.3 to 762 m) $10 \times \log_{10} [e^{(h+20)/500}] (10 \times \log_{10} [e^{(h+6.1/152.4)}]m)$ ; Zero ft = +0.400 volts
Analog Altitude:	-20 to 500 feet (-6.1 to 152.4 m) +20 mV/ft (+65.62 mV/m); 500 to 2,500 feet (152.4 to 762 m) +3 mV/ft (9.84 mV/m); Zero ft = +0.400 volts
Arinc 429 Out:	Shall meet all ARINC 429 electrical specifications.

The following are serial digital outputs from the KRA 405B:			
LABEL	INFORMATION CONTAINED IN LABEL	FORMAT	SPEED
164	Radio Height	BNR	Low Speed
165	Radio Height	BCD	Low Speed
371	GA Equipment Code	BCD	Low Speed
377	Equipment Identifier Word	BCD	Low Speed