Honeywell’s Single Antenna Radar Altimeter (SARA) sets the new industry standard for increased accuracy, ease of installation, and improved reliability.

**PARTS COUNT**
1 Line Replaceable Unit (LRU) vs. 6 components of traditional altimeter systems: 1 altimeter, 2 antennas, 2 cables and 1 optional tray

**EASE OF INSTALLATION/REPLACEMENT**
8 screws and 1 connector; Approximately 15 minutes external removal and replacement

**IMPROVED RELIABILITY**
>51,000 hours predicted Mean Time Between Failures (MTBF). Common failure mode of traditional systems is corrosion of RF cable to antenna interface. Interface in SARA is environmentally sealed

**COMPACT DESIGN**
6.1 x 2.8 x 6.2 inches - excluding antenna assembly length and width (155 x 72 x 158 mm)

**SIGNIFICANT WEIGHT REDUCTION**
Estimated 60% weight savings when compared to traditional altimeter systems: 4.2 lbs vs 7.73 lbs (1.90 kg vs 3.50 kg)

**IMPROVED SAFETY**
Honeywell’s Single Antenna Radar Altimeter doesn’t lock onto heavy rain or bright spots

**INDUSTRY STANDARDS**
FAA TSO-C87a, EUROCAE ED-30, DO-178C Level A, DO-254, DO-160G, ARINC 707-7b

**INTEGRATED MODULE CONTAINS:**
Antenna, digital transmitter & receiver, dual path signal processor and power supply

Dual processing enables a single SARA to meet both CAT I and II landing requirements; dual SARA install will meet CAT III A, B and C landing requirements

**ALTITUDE RANGE:**
0-2,500 ft. (installation height of 3 feet minimum)
Accuracy below 75 ft.: ±1.5 ft.
Accuracy above 75 ft.: ±2.0% of altitude

**ROLL & PITCH:**
±40° & ±30°

**LOW ELECTRICAL POWER DEMAND:**
<15 watts

ITAR Free