

Avionics

ALT-8000

FMCW/ Pulse Radio Altimeter Flightline Test Set

AEROFLEX
A passion for performance.



Versatile time saving portable test set for testing installed FMCW and Pulse Radio Altimeters

- Tests FMCW radio altimeters including CDF types
- Tests pulse radio altimeters (non-pulse compression types)
- Direct-connect to UUTT/R or to installed system via antenna couplers
- Ratio-metric RF loop test allows TX, RX, antenna or feeder faults to be identified
- Multi-channel operation (via additional test sets)
- Programmable multi-leg climb/descend profiles
- Large touch-screen display with simple user interface
- Remote control interface USB/LAN
- Lightweight and compact <10 lbs. (4.5 kg)
- Battery 4 hours plus duration

ALT-8000

The ALT-8000 Radio Altimeter Flightline Test Set may be quickly connected to the radio altimeter installation via two antenna couplers. RF simulation of radio altitude from -15 ft. to 50,000 ft. (± 1.5 ft. accuracy) is provided, and altitude rate may be set to provide a smooth ramping altitude simulation to verify decision heights and altitude trips for auto-land systems and altitude data feed to EGPWS.

The ALT-8000 is designed to be software upgradable.



General

The user interface is windows based and provides various screens for control of the test set and display of parametric measurements including: TX power, TX frequency (center), sweep rate, TX pulse width (pulse systems).

Altitude Path Loss simulation is provided, which ensures that the test environment replicates the actual airborne conditions, allowing antenna bonding issues (TX-RX cross leakage) to be verified.

Simulated static altitude may be set by the user and manually incremented or decremented.

Multi-Channel Operation

Up to three test sets may be linked via an altitude sync line for executing 2 or 3 channel coordinated altitude simulation for auto-land system testing.

For the very latest specifications visit www.aeroflex.com

preliminary

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Our passion for performance is defined by three attributes represented by these three icons: solution-minded, performance-driven and customer-focused.