

# 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 & 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
- Full 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 may be quickly connected to the radio altimeter installation via two antenna couplers. RF simulation of radio altitude from -100 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.



### General

The user interface is windows based and provides various pages 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](http://www.aeroflex.com)

P r e l i m i n a r y

**CHINA Beijing**

Tel: [+86] (10) 6539 1166  
Fax: [+86] (10) 6539 1778

**CHINA Shanghai**

Tel: [+86] (21) 5109 5128  
Fax: [+86] (21) 6457 7668

**FINLAND**

Tel: [+358] (9) 2709 5541  
Fax: [+358] (9) 804 2441

**FRANCE**

Tel: [+33] 1 60 79 96 00  
Fax: [+33] 1 60 77 69 22

**GERMANY**

Tel: [+49] 8131 2926-0  
Fax: [+49] 8131 2926-130

**HONG KONG**

Tel: [+852] 2832 7988  
Fax: [+852] 2834 5364

**INDIA**

Tel: [+91] (0) 80 4115 4501  
Fax: [+91] (0) 80 4115 4502

**JAPAN**

Tel: [+81] 3 3500 5591  
Fax: [+81] 3 3500 5592

**KOREA**

Tel: [+82] (2) 3424 2719  
Fax: [+82] (2) 3424 8620

**SCANDINAVIA**

Tel: [+45] 9614 0045  
Fax: [+45] 9614 0047

**SPAIN**

Tel: [+34] (91) 640 11 34  
Fax: [+34] (91) 640 06 40

**UK Cambridge**

Tel: [+44] (0) 1763 262277  
Fax: [+44] (0) 1763 285353

**UK Stevenage**

Tel: [+44] (0) 1438 742200  
Fax: [+44] (0) 1438 727601  
Freephone: 0800 282388

**USA**

Tel: [+1] (316) 522 4981  
Fax: [+1] (316) 522 1360  
Toll Free: 800 835 2352



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[www.aeroflex.com](http://www.aeroflex.com)  
[info-test@aeroflex.com](mailto:info-test@aeroflex.com)



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