

STC SPECIFICATION SHEET

FAA STC: ST12201AT

Master Drawing List: 223174 – MDL

Aircraft: DC-9-15, DC-9-15F, DC-9-32, DC-9-32F, DC-9-81 (MD-81), DC-9-82 (MD-82), DC-9-83 (MD-83), DC-9-87 (MD-87), MD-88

Mod. Order: Dependent on Aircraft Configuration **AFMS:** 223174-FMS

Master Kit List: 223174 - MKL

ICA: 223174 - ICA

Summary: Installation of a FreeFlights Dual RA-6500 Radio Altimeter 5G C-Band (3.7 – 3.98 GHz) tolerant System will serve as the source of radio altitude data in the existing data formats to all avionics which are currently interfaced to the existing radio altimeter system. The FreeFlight Systems Dual RA-6500 Radio Altimeter System is comprised of an adapted receiver/transmitter and transmit and receive antennas connected with inline magnetic coaxial isolators.

Estimated Electrical Installation Time: 16 Man Hours **Installation Kit Lead Time:** 4-6 Weeks

Estimated Structural Installation Time: 8 Man Hours

Equipment:

Items	Qty	Part Number	Source
*RA-6500 Radio Altimeter R/T	2	87990-11	FreeFlight
*RAD-40 Radio Altimeter Indicator	2	84393-00	FreeFlight
*Antenna, Radio Altimeter	4	S67-2002-12	Sensor Systems
		ALT: S67-2002	

* NOTE: All parts marked with the asterisk will be supplied by the operator.

FAA:PMA Installation Kit:

Items	Qty	Part Number
Dual Radio Altimeter System Installation Kit	1	223174D9K-1
RAD-40 Indicators Installation Kit	1	223174D9K-2