

STC SPECIFICATION SHEET

FAA STC: ST04538AT

Master Drawing List: 221234 – MDL

Aircraft: MD-11F

Mod. Order: Dependent on Aircraft Configuration

AFMS: 221234-FMS

Master Kit List: 221234 - MKL

ICA: 221234 - ICA

Summary: This installation will fully integrate the Aviator 200S Compact satellite Data Unit (CSDU) to include dual voice channel and a dedicated data channel to support simultaneous Aircraft Communications Addressing and Reporting (ACARS) and Controller Pilot Datalink Communications (CPDLC) links over the INMARSAT network. The Aviator 200S CSDU is also capable of providing complete Aircraft network segregation for the Aircraft Control Domain (ACD) and Aircraft Information Domain (AISD) to meet the communication requirements of ARINC 781-7.

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
*Compact Satellite Data Unit (CSDU)	1	405045-02000	Cobham
*SDU Configuration Mode (SCM)	1	405055-02000	Cobham
*HLD/Enhanced Low Gain Antenna	1	405005-02000	Cobham
**Assembly, SATCOM Components Support – Modified	1	AAN7235-M	ASG, Inc

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

** NOTE: Assembly: P/N AAN7235-M may substitute sub-kit P/N: 22123411K-1-103

FAA:PMA Installation Kit:

Items	Qty	Part Number
Aviator 200S SATCOM Installation Kit	1	22123411K-1
IGA Antenna Deactivation Kit	1	22123411K-2
HGA Deactivation Kit	1	22123411K-3