



STC Information Sheet

FAA STC: ST02120AT

Master Drawing List: 99MILC011-MDL

Aircraft: Fokker F27 Mark 050

Configuration: 1

Honeywell CAS 67A TCAS II and Single Mode S Transponder System Installation

Mod. Order: 99MILC011M-1

AFMS: 99MILC011-FMS

Master Kit List: 99MILC011-MKL

ICA: 99MILC011-CAW

Summary:

The Honeywell Traffic Alert and Collision Avoidance System (TCAS II) and Single Mode S Transponder System installation consists of a TPU 67A TCAS Computer, and one MST 67A Mode S Transponder replacing the existing No. 1 ATRBS Transponder installed in the avionics compartment, two IVA 81D TA/RA/VSI Displays replacing the existing Vertical Speed Indicators (VSI), a CTA 81A Mode S/TCAS Control Panel replacing the existing Air Traffic Control (ATC) Control Panel, upper and lower directional TCAS Antennas, and upper (new) and lower (existing) Mode S Antennas installed on the upper and lower fuselage, respectively.

The No. 2 ATRBS Transponder and its existing ATC Control Panel is retained to provide a second source for Mode A and C transponding.

Notes:

N/A

Material List

QTY	Part Number	Description	Source/MFGR
1	066-01146-1211	TPU 67A TCAS Computer	Honeywell
2	071-01548-0100	ANT 67A TCAS Directional Antenna	Honeywell
1	066-01143-1602	MST 67A Mode-S Transponder	Honeywell
1	071-01503-5901	CTA 81A Mode S/TCAS Control Panel	Honeywell
2	066-01171-3604	IVA 81D TA/VSI Display	Honeywell
1	047-50357-0002	TCAS Antenna Adapter	Honeywell
1	047-50357-0004	TCAS Antenna Adapter	Honeywell