



STC Information Sheet

FAA STC: ST02772AT

Master Drawing List: EMTQ-018A-MDL

Aircraft: Lockheed Martin 382G Series

Configuration: 1

Honeywell CAS-81 Traffic Alert and Collision Avoidance System (TCAS) and TRA-67A Mode S Transponder Installation

Mod. Order: EMTQ-018AM-1

AFMS: EMTQ-018A-FMS

Master Kit List: EMTQ-018A-MKL

ICA: EMTQ-018A-CAW

Summary:

The Honeywell CAS-81 Traffic Alert and Collision Avoidance System (TCAS) consists of a TPA-81A (Change 7.0) TCAS Processor, replacement of the existing No. 1 Transponder with a TRA-67A Mode S Transponder, installation of upper and lower TCAS Directional Antennas, installation of upper and lower Mode S Antennas, replacement of the existing Transponder Control Panel with a new CTA-81B ATC/TCAS Control Panel, and replacement of the existing Vertical Speed Indicators (VSI) with new IVA-81A (or IVA-81D) TA/RA/VSI Traffic Displays.

Notes:

N/A

Material List

QTY	Part Number	Description	Source/MFGR
1	066-50000-2220, -2120, -2620 or -2720	Processor, TCAS II (TPA-81A)	Honeywell
1	066-01127-1601, -1101, -1201 -1401 or -1402	Transponder, Mode-S (TRA-67A)	Honeywell
1	071-01480-0001	Panel, ATC/TCAS Control (CTA-81B)	Honeywell
2	066-50001-1001 or 066-01171-1001	Display, TA/RA VSI (IVA-81A or IVA-81D)	Honeywell
2	DMNI70-2 or S65-5366-7L	Antenna, ATC (L-Band)	Dorne & Margolin Sensor Systems
2	071-50001-8102	Antenna, TCAS Directional	Honeywell
1	EMTQ-018AK-1	Kit, L382 TCAS/Mode S	Woven Electronics, LLC