

## STC SPECIFICATION SHEET

**FAA STC:** ST04457AT

**Master Drawing List:** 217186 – MDL

**Aircraft:** Boeing 737 -300/-400/-500

**Mod. Order:** Dependent on Aircraft Configuration

**AFMS:** 217186 - FMS

**Master Kit List:** 217186 - MKL

**ICA:** 217186 - ICA

### Summary:

The installation consists of TPR-901 Transponders that obtains its own aircraft navigation data and other aircraft data. A GPS receiver that calculates the aircraft position, velocity and time (PVT) data. A GPS antenna approved to TSO C190. A Gables ATC/TCAS Control Panel which complies with DO-160B standards and is approved for manufacture under TSO-C112b and TSO-C119B.

**Estimated Electrical Installation Time:** 48 Man Hours      **Installation Kit Lead Time:** 3-4 weeks for Kits,  
12-16 weeks for Gables Panel

**Estimated Structural Installation Time:** N/A

### Equipment:

		Rockwell Collins	Gables Engineering	Sensor Systems
Items	Qty	Part Number	Part Number	Part Number
ATC Transponder (TPR-901)	2	822-1338-205		
GPS-4000S RCVR*	A/R	822-2189-100		
Control Panel, ATC	1		G7490-2XX	
Antenna, GPS*	A/R			S67-1575-135

\* NOTE: GPS receiver and antenna quantity is equal to number of GPS system to be installed.

### FAA:PMA Installation Kit:

Items	Qty	Part Number
TPR-901 Single GPS 4000S Installation Kit	1	21718673K-1
TPR-901 Dual GPS 4000S Installation Kit	1	21718673K-3