

## STC SPECIFICATION SHEET

**FAA STC:** ST04180AT

**Master Drawing List:** 213049-MDL

**Aircraft:** Boeing B727-200 Series

**Mod. Order:** N/A

**AFMS:** 213049-FMS

**Master Kit List:** 213049-MKL

**ICA:** 213049-ICA

### Summary:

The installation of a Dual Universal UNS-1Lw Flight Management System (FMS) capable of displaying navigational information on the Captain and First Officer instruments. The UNS-1Lw FMS contains a Wide Area Augmentation System (WAAS) Subsystem. The WAAS FMS is categorized as a Class Gamma 3, which covers navigation functions for all phases of Flight thru Localizer Performance with Vertical Guidance (LPV) approach level service. The FMS also accepts information from up to 5 Long Range Navigation sensors to determine the best computer position and navigational solution.

**Estimated Electrical Installation Time:** 96 Man Hours    **Installation Kit Lead Time:** 12-14 Weeks

**Estimated Structural Installation Time:** 6 Man Hours

### Equipment:

Items	Qty	Part Number	Source
UNS-1Lw FMS NCU	2	3116-42-1116	UASC
UNS-1Lw FMS NCU CONFIG Module	2	31921	UASC
FMS MCDU	2	1025-01-111	UASC
FMS MCDU CONFIG Module	2	10251	UASC
Solid State Data Transfer Unit	1	1408-00-2	UASC
WAAS/GPS Antenna	2	10708	UASC
Relay	1	MD41-248	Mid-Continent Instruments

### FAA:PMA Installation Kit:

Items	Qty	Part Number
Dual FMS Installation Kit	1	21304972K-1