

ASB Avionics

Bringing C-130s Up To Date

ASB Avionics, LLC can bring your aging C-130 into the 21st century with their AMP (Avionics Modernization Program) Solution. According to ASB Avionics President Duane McNutt, "Operators are looking for a way to extend the life of their existing aircraft as well as meet the current and future GATM (Global Air Traffic Management) requirements. Our program can do both."

The ASB Avionics AMP includes the following systems: Five 8-by-10-inch displays, including the soon to be FAA-certified engine instrument display system, dual FMS, ESIS, Comm/Nav, Radio Altimeter, and Air Data. Also included is Laseref V IRS (Triple), EG-PWS, Weather Radar, Digital Audio, TCAS, Transponders, and a Digital Autopilot. Some options include Satcom, HUD and EVS. Certification of the Autopilot, HUD and EVS will be 3rd quarter 2007. ASB is replacing existing avionics mounting provisions with modular avionics shelves which allow engineering, fabrication and testing of many of the systems



ASB Avionics L-382/C-130 HF Shunt Antenna installed on aircraft's dorsal section.

before the aircraft is input for modification. ASB Avionics has installed their AMP solution on 10 L382/C130 aircraft to date. Average aircraft down time was 45 days.

ASB Avionics has also developed a C-130/L-382 HF shunt antenna modification. The

modification includes the removal of the existing inefficient long wire antenna and replacing it with a dorsal-mounted shunt antenna, plus installation of two shunt HF antenna couplers inside the pressure vessel below the dorsal fin. The design of the HF dorsal shunt antenna reduces aircraft drag which translates into better fuel economy and cruise performance.

ASB is integrating the antenna into the existing C-130 dorsal fin in a way that maintains the structural integrity of the fuselage. ASB Avionics has installed the dorsal fin HF shunt antenna on 11 aircraft to date.

ASB Avionics has been in business since 1991. Their main facility is located in Mojave, Calif. The facility is a fully functional FAA Repair station, which includes 39,000 square feet of hangar space. Services offered include engineering, state-of-the-art fabrication, bench repair, and sheet metal. The facility is equipped to service commercial and military aircraft. They have a sales office in Granada Hills, Calif., and a sales/engineering office in Singapore.



Five-panel display system included in the ASB Avionics L-382/C-130 AMP solution.

Contact Information

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