



AIRCRAFT MODERNIZATION

Turkish Aerospace
Subsidiary of TAAF and an affiliate of SSB

Fethiye Mh. Havacılık Blv. No:17
06980 Kahramankazan-Ankara/TURKEY
T +90 (312) 8111800 • F +90 (312) 8111425
marketing@tai.com.tr • www.tusas.com



AIRCRAFT MODERNIZATION

Turkish Aerospace provides turnkey avionic modernization and system integration solutions to increase the technological level of fixed wing platforms, enhance the pilot-vehicle interface and diversify mission capabilities. Transport Aircraft (C-130) and Jet Trainer (T-38) Avionics Suites designed and developed by Turkish Aerospace are advanced platform independent technology solutions with modern and flexible avionics architecture, DO-178B software standards, multiple operating system capability and inherent growth potential in line with the current requirements.

Turkish Aerospace solution for C-130 aircraft incorporates an advanced, state of the art RVSM compatible avionics suite integration to meet the GATM requirements. The developed avionics suite has undergone extensive flight and ground testing in order to receive Airworthiness Certification.

T-38 Avionics Suite incorporates state of the art avionics including digital cockpit with Head-Up-Display and virtual stores management system to meet the demanding training requirements of the future fighter pilots.



COMMON FEATURES

- *Modular Integrated Avionics Architecture*
- *Advanced FDR/VCR*
- *Mission Planning System*
- *Integrated Logistics Support*
- *Full-redundant Glass Cockpit*
- *Optional Tactical Capabilities*
- *Mission Debriefing System*
- *Integrated Logistics Support*

PLATFORM SPECIFIC FEATURES

- *MIDS LINK-16 Integration (C-130)*
- *NVG Compatible Cockpit and Lighting (C-130)*
- *Virtual SMS Capability (T-38)*
- *Head-Up Display (T-38)*
- *FAR 25 compliant design (STC)*
- *IFR Operations*
- *CAT II ILS*
- *ADS-B out*
- *Civil/military advanced FMS with RNP 1.0 & RNAV GNSS Approach*

