



# GENESYS AVIONICS SUITE™

## AERO L-39 ALBATROS AIRCRAFT

### FLIGHT DECK UPGRADE SOLUTION

The Genesys Avionics Suite™ provides renewed operational life and increased mission effectiveness through a complete and comprehensive flight deck system upgrade customized to the unique operational needs of existing L-39 aircraft.

Features of the Genesys L-39 avionics suite include:

- PFD and MFD EFIS digital cockpit display suite
- Synthetic Vision and Highway-In-The-Sky flight navigation symbology
- TAWS terrain warning & alerting
- Full EICAS display capability
- Integrated Genesys GDR digital Nav/Comm radio package
- Optional fixed-wing S-TEC Autopilot
- Mil-Std qualified
- NVG compatible



Precise Performance.  
Proven Experience.  
Personalized Attention.

# FLIGHT DECK MODERNIZATION FOR TODAY'S & TOMORROW'S MISSIONS

## GLASS EFIS UPGRADE - IDU-680 DISPLAYS

Lightest, most comprehensive, integrated Electronic Flight Instrument System enhances safety, reduces pilot workload, and increases mission flexibility.

Features include:

- Redundant ADAHRS attitude source (replaces legacy attitude sensors)
- Redundant GPS/SBAS receivers
- Dual NAV/COM radios
- Integrated radio/audio management
- Mode S ADS-B compliant transponder
- Weather radar control and display
- Built-in support/interfaces for FLIR, Satcom, DF, HF, UHF, TACAN, Datalink, SELCAL, tactical radios, etc.

## AUTOPILOT UPGRADE \*

Optionally, an autopilot can be included. S-TEC fixed-wing autopilots are full-featured, attitude-based digital flight control systems that provide dramatic workload reduction and safety enhancements making flying safer and more enjoyable.

\*this option would require an STC completion before installation

## NAV/COMM RADIO UPGRADE - GDR

The Genesys Digital Radio (GDR) is a family of remote-mount, software-definable radios combining VOR/localizer/glideslope and marker beacon navigation and VHF communication with a UHF communication option in a single box. GDR lowers weight, increases reliability, reduces cost, and increases mission readiness.

## EICAS UPGRADE

Provides customizable full engine indication and crew alerting system, replacing outdated gauges and annunciators.

Features include:

- Color graphical presentation, reducing cockpit workload
- Enhances safety
- Warning and Caution messages are tailored to eliminate incorrect interpretation
- Exceedence log recording



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