



GENESYS AVIONICS SUITE™

GROB G 120TP TRAINER AIRCRAFT

MODERNIZED PILOT TRAINING COCKPIT SOLUTION



Moog's Genesys Avionics Suite provides the latest state-of-the-art avionics allowing seamless transition to modern training platforms. The primary flight display features tapes display or round dial display unique for this class of trainer aircraft. The aircraft provides for VFR and IFR day and night operations. Available safety features include Traffic Advisory System (TAS), digital Flight Data and Cockpit Voice Recorder (FDR & CVR) and Mission Debriefing System (MDS).

FEATURES OF THE GENESYS G 120TP 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 VHF & UHF Nav/Comm radio package
- Optional fixed-wing S-TEC Autopilot
- Mil-Std qualified
- NVG compatible

MODERNIZED TRAINING COCKPITS FOR SEAMLESS PLATFORM TRANSITION



GLASS EFIS: 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/COMM 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

Delivers safety and workload reduction benefits with fully coupled IFR approved autopilot and stability augmentation in a compact lightweight package.

Features include:

- Lightweight, weighs less than 30 pounds (14 kg)
- Dramatically reduced pilot workload
- Safer, more confident command, even under demanding conditions
- Autopilot fully-coupled to FMS, GPS, and navigation radios
- Designed for three-axis (pitch, roll and yaw) autopilot configuration for IFR use.



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.



SIMULATOR TRAINING SUPPORT

Genesys IDUs are fully integrated within Grob's pilot training simulator for seamless transition from simulator to training aircraft.



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Genesys-Aerosystems.com



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