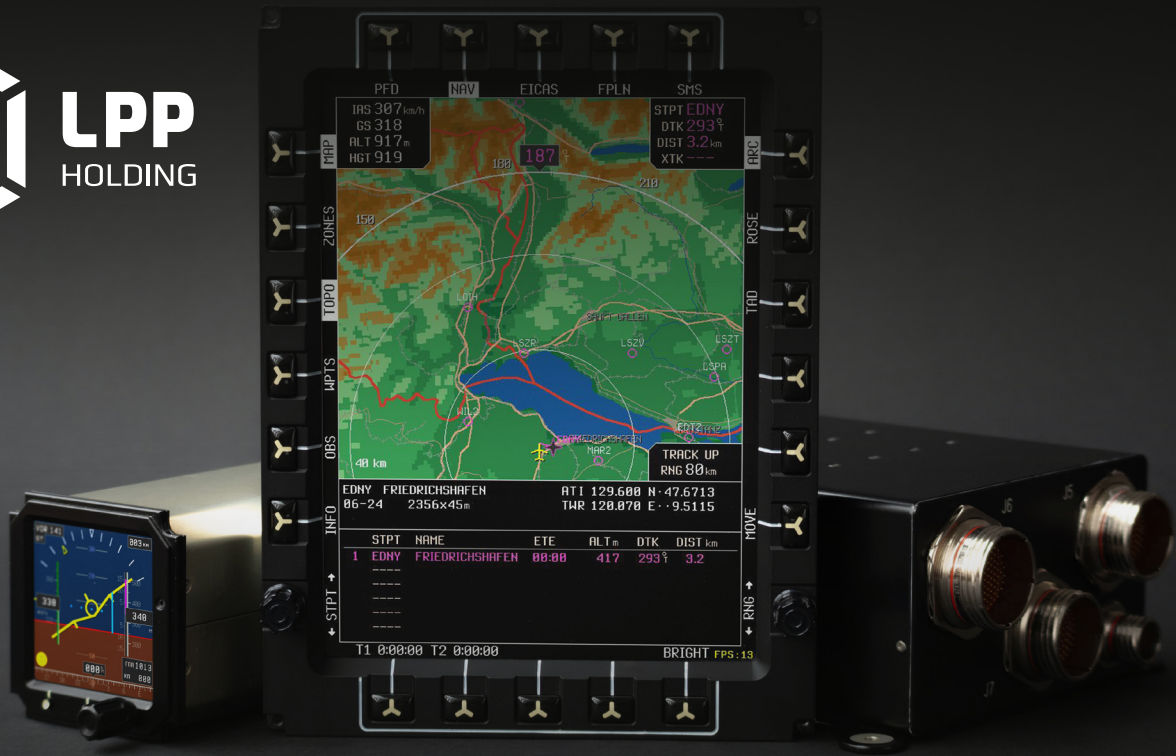




LPP
HOLDING



AVIONICS SUITE

IN-HOUSE AVIONICS
FLIGHT SYSTEMS

LPP's Complete Avionics Suite enhances aircraft performance, navigation, and mission execution through advanced, fully integrated systems. Developed in-house, our solutions support real-time data, predictive maintenance, and seamless system integration. Designed for modern demands, they offer flexibility across both manned and unmanned platforms.

EFIS

Advanced electronic flight instrument system suitable for all aircraft types, featuring 7" or 10" multi-function displays.

- + Displays data from FMS, SMS, VTS, and HUMS, configurable for glass cockpit solutions.
- + Supports mission simulation, debriefing, and VR/AR training applications.
- + Compliant with ARINC 429, RS232, RS422, MIL-STD-704F, MIL-STD-810E, and DO-160G.

ESIS

3ATI standby instrument system for military, turboprop, and transport aircraft, backing up essential flight data.

- + Provides key flight data, including attitude, airspeed, heading, and navigation during failures.
- + Includes an Air Data Computer (ADC) and Attitude and Heading Reference System (AHRS).
- + Compliant with ARINC 429, RS232, MIL-STD-704F, MIL-STD-810E, and DO-160G standards.

MISSION COMPUTER

Controls all types of aircraft, including unmanned systems. It integrates ADC, AHRS, ADS-B, GPS, FMS, SMS, moving maps, and data recording.

- + Includes 10 expansion slots with boards for video output, serial interfaces, and map rendering.
- + Supports Large Area Display (LAD) for EW and EO/IR systems integration.
- + Compliant with ARINC 429, RS-232, RS-422, MIL-STD-1553, and DS standards.



HEALTH AND USAGE MONITORING SYSTEM

Continuous aircraft health monitoring and fleet data management, with the flexibility to be adapted for unmanned systems.

- Functions as a standalone system displayed on EFIS EICAS or integrates into the Mission Computer.
- Uses machine learning for predictive diagnostics, detects anomalies, and estimates component lifespan.
- Compliant with ARINC 429, RS232, RS422, MIL-STD-1553, and CANas standards.

CLOUD SEEDING SYSTEM WX-80

Based on the Stores Management System (SMS) technology, designed for aerial cloud seeding control.

- Supports manual and preprogrammed flare firing via a standardized interface with WX-80 Distribution Boxes.
- Logs flare deployment locations for post-flight analysis by pilots and meteorologists.
- Includes safety mechanisms to prevent accidental flare deployment.



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