BRINGING THE POWER OF GARMIN TO
ACE DECK VL60
The ACE DECK VL60 has one of the most intuitive pilot-vehicle interfaces (PVI) available on the market. The Garmin G5000H provides the next generation of pilots the ability to more efficiently manage and control navigation and communication systems, traffic surveillance systems, augmented reality/street view, flight management systems, electronic entries, and remote audio/intercom systems, as well as optional charting, traffic, weather and custom display options.

**Revolutionary Integrated Flight Deck**
- DO-178B Compliant OFP

**Panoramic View**

**Synthetic Vision Technology™**

**Industry leading PVI**

**Fully Integrated Comprehensive FMS**
- SBAS Navigation/Approaches
- GBAS Approaches
- Baro VNAV, RNP AR Approaches
  - Down to 0.1 RNP
  - Enroute Performance

**Tactical/Strategic Worldwide Weather with Active Radar/Datalink Weather Services**

**3D Scanning**
- Turbulence Detection
- Ground Clutter Suppression
- Predictive Wind Shear
- Sirius XM/SATCOM

**NEXTGEN/Single European Sky Communication and Navigation**
- WAAS Enabled
- CNS/ATM GATM
- Advanced ADS-B Technology

**Day/Night - VFR/IFR Operation**
- NVIS Compatible

**Integrated Maintenance/Management Tools**

**TCAS II Traffic System-Blending Active Interrogation with extended squitter targets**

**Advanced Digital Audio Processor**

**Surface Watch**

**Multiple Options for Global Connectivity/Flight Data Services**

**FAA STC Project STO6365WI-R**

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**GARMIN. G5000H INSTRUMENT PANEL DISPLAY OPTIONS**

- **PFD Normal Full Mode**
- **MFD Normal 20/80 Mode**
- **PFD Normal 60/40 Mode**
- **MFD Normal 20/40/40 Mode**

**CIVIL PEDIGREE**

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TACTICAL AGILITY

SEAMLESS INTEGRATION

- Tactical Communications
- FLIR Imagery
- Survivability Equipment
- Day/Night HUD
- Tactical Map
- Mission Planning System

TACTICAL MAP/SENSOR DISPLAY OPTIONS

MFD Normal Full Mode
MFD Normal 20/80 Mode

PFD Normal 60/40 Mode
MFD Normal 20/40 Mode

Scorpion®

HUD
**ACE DECK VL60**

**Attributes**
- Civil Pedigree
- Tactical Agility
- NEXTGEN/Single European Sky Now Landscape Displays
  - Multi-Pane Capable
- Touchscreen Control
- In-Flight Perf Management
- 12" Ultra HD Displays
- Synthetic Vision Technology™
- Faster Troubleshooting
- 24/7/365 Support
- State-of-the-Art MMI

**Airframe Options**
- All Aircraft Conformed to GAS RCTC #R00005RC
  - With Instructions for Continued Airworthiness
  - Technical Publications provided
- Baseline UH-60A with PMI1&2 + Paint
- OR
- UH-60A-to-L Recapitalization
  - Zero-Hour Airframe
    - New Dynamic Components
    - New Improved Durability Gear Box (IDGB)
    - New T700-GE-701D Engines

**Support Options**
- Full aircraft and avionics depot Maintenance Support
- Pilot and Maintenance New Equipment Training

**Mission Equipment Options**
- FLIR Systems SS 380-HD Family
- Internal or External Hoist
- Interdiction Officer Station
  - 5th Display System
  - Joystick Controller Access
- Police/Marine Band Civil Radio
- Weather Radar
- ELT
- Traffic Surveillance Systems
- Vehicle Health Management System
- Integrated Auto Pilot
- Aux Fuel
- Weapon Systems
- FRIES Capable
- Aircraft Survivability Equipment
- Hostile Fire Detection
- 3rd Party Equipment Integration
ACE AERONAUTICS, LLC PROVIDES THE BEST VALUE, QUICKEST TO MARKET AND LOWEST RISK APPROACH TO UPGRADING EXISTING FLEETS OR INDUCTING NEW AIRCRAFT INTO OPERATION.

Ace Aeronautics, LLC (ACE) provides innovative and long-term avionic and airframe solutions to commercial and government aviation users worldwide. ACE offers commercial and military off-the-shelf (COTS/MOTS) products for fixed and rotary wing aircraft that provide state-of-the-art system solutions to resolve avionics obsolescence and capability gaps.

The new systems will meet future Communications, Navigation, Surveillance / Air Traffic Management (CNS/ATM) requirements (also known as Global Air Traffic Management (GATM) as required by the FAA’s NextGen Initiative) and provide enhanced mission capabilities to achieve mission objectives in today’s complex operating environment.
**CAPABILITIES**

**Aeronautics, LLC**

**DYNAMIC CAPABILITIES AND SOLUTIONS**

**ENGINEERING SERVICES**
- Aerospace, Electrical, Mechanical
- Repair and Process Engineering
- OEM Liaison Engineering

**RAPID PROTOTYPING**
- Flying Technology Demonstrator
- MBE/MBD boost timely Build-to-Print
- Reliability Improvement to modifications

**QUALIFICATION/CERTIFICATION**
- RCTC/STC/PMA
- Component and System Level
- Repair, Replace, Re-manufacture Services

**MANUFACTURING**
- AS 9100, ISO 9001
- In-house Machining/Sheet Metal/Wiring
- CAD Component Design

**EXPERIMENTAL TEST FLIGHT**
- In-house Experimental Test Pilots, FLT Analysts
- In-flight Data Acquisition and Post Processing
- Performance, Flight Characteristics, HFE

**MAINTENANCE, REPAIR, OVERHAUL**
- FAA 14 CFR Part 145 Repair Station
- Air Agency Certificate #7GVR112D
- Type rated Maintenance/Flight Crews
- Comprehensive Supply Chain