



G500 TXi for MD500 N Series

STC SR04194NY

Summit Aviation holds a Supplemental Type Certificate (STC) for the installation of Garmin's G500H TXi Flight Display System on MDHI 500N series aircraft.

The latest in electronic glass cockpit instrumentation, the G500H TXi brings increased levels of reliability, adaptability and affordability to MDHI 500N series helicopter operations. Available in both portrait and landscape options, the system provides bright, crisp touch-screen displays. It allows you to use familiar knobs and/or touch-screen inputs to quickly access the functions, screen views and other flight information the pilot wants to see most prominently.

Mission Readiness

- Five-color Helicopter Terrain Awareness and Warning System (HTAWS)
- WireAware wire-strike avoidance technology
- Garmin HSVT 3-D synthetic vision
- Multiple video input options
- Night vision goggle (NVG) compatibility
- Graphical map overlay within the horizontal situation indicator (HSI) for most display formats

Touchscreen Flight Displays for Your MD500N Series Helicopter

- Bright, crisp 10.6" and 7" LCD touchscreen displays offer industry-leading scalability and flexibility in a wide range of panel configurations, making this STC perfect to fit your panel and budget.
- Engine indication system (EIS) optionally available on 7" displays or 10.6" display with split-screen data strip make engine and fuel monitoring data easy to access.
- HSI mapping enhances situational awareness with MFD-like geographical map detail, weather, traffic display and more — overlaid within HSI portion of the primary flight display (PFD).
- Interfaces with popular avionics and autopilots, offering full touchscreen system continuity with Garmin's GTN™ and GTN Xi series. (Additional hardware may be required and can be purchased separately.)
- Full compatibility with original G500 system sensors for a simplified, cost-effective upgrade path.



Custom Pilot Preferences

- Customize avionics settings and then save them within the system.
- Load customized settings onto a removable SD card and take them with you to another G500 TXi-equipped aircraft.
- Preferred settings for backlighting, map settings and more can all be configured under your individual profile — allowing you to easily restore your system preferences prior to each flight.

Included in the G500H TXi STC (SR04194NY)

- GDU 700 Portrait or Landscape Option
- LRU Kit, G500H TXi, GSU 75H
 - GMU44, Unit Only
 - GSU75, Unit Only
 - Sub-Assy, GTP59
- Install Kit, G500/G600 TXi, GSU 75H
 - Sub-Assy, GMU44, Conn Kit
 - Sub-Assy, Kit GMU44 Universal Mount
 - Sub Assy, Conn Kit, GSU 75
 - Install Rack, Modified, GMU44
 - GSU 75 REMOTE RACK
- Data Card, TXi, Database, Helo
- G500H TXi, Helicopter Enablement - 1 card required per system/aircraft
- Kit, Prod Info, GDU 700/1060
- GCU 485, 1 Button, Unit Only - CDI
- GCU 485 Conn. Kit1
- Antenna, GPS, TNC

STC Software Enablement Options

- GDU 1060 Optional Display
- G500(H) TXi, ChartView Enablement
- G500(H) TXi, Radar Altimeter Enablement (A429)

- G500(H) TXi, Third Party Radar (A708) Enablement
- G500(H) TXi, Metric PFD Enablement
- G500H TXi, HSVT Enablement
- G500H TXi, Video Enablement
- G500(H) TXi, Radar AGCS and TD Enablement
- G500 TXi, NV Enablement (1 GDU)
- G500 TXi, NV Enablement (2 GDUs)

For more information about our STC purchase options or to book your installation, please contact Ken or Matt today.



Matt Tarczynski

800.441.9343
C: 717.557.5602
mtarczynski@summit-aviation.com



Ken Pike

800.441.9343 | P: 302.449.1000
C: 203.895.0276
kpike@summit-aviation.com

About Summit Aviation

Located in Middletown, Delaware, Summit Aviation provides aircraft maintenance, modifications, avionics, engines, mission equipment integration, paint, FBO, field training, flight testing support and OTC part sales and more. Summit is a factory authorized service center for Bell, Blackhawk, Cessna, Mahindra, Quest, Raisbeck, and Sikorsky and it is a DoD approved contractor. Its manufacturing arm has been recognized for its quality, commitment to meeting delivery schedules, sustained high performance and its focus on customer satisfaction.