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# SERVICE INFORMATION LETTER

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SIL T-072  
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DATE: December 2, 2019

SUBJECT: G1000H System Loader Card Software Version 1852.05 Release

MODEL: 480B

EFFECTIVITY: S/N Equipped with Garmin G1000H Integrated Flight Deck System

## 1. BACKGROUND:

The Enstrom Model 480B equipped with the G1000H Integrated Flight Deck System is eligible for an update to System Loader Card Software Version 1852.05.

1.1. An update from v1852.02 to v1852.05 includes the following changes:

- 1.1.1. Updates the Garmin Display Unit (GDU) software from version 13.05 to 13.08.
- 1.1.2. N2 speed avoid range marking (yellow arc) changes from 75% through 88% to 71% through 88% in accordance with Rolls-Royce CEB A-1400.
- 1.1.3. Enables the SYS\_FTR\_AUTO\_ILS\_CDI function, which allows the G1000H to automatically switch from a GPS to LOC navigation source and changes the CDI scaling accordingly during a LOC or ILS approach.
- 1.1.4. Enables audio alerts and selected audio to be heard from the GMA 350H passenger audio positions.
- 1.1.5. Adds “Voice Command Disabled” and “KN 63 DME” optional selections to the system loader card options drop down menu group.
- 1.1.6. Adds support to include Volts, Amps, XMSN Oil Temp, NR, and TOT to the Flight Data Logging feature.
- 1.1.7. Adds support to correct the 5 minute Torque Exceedance to the Maintenance Log feature.

1.2. An update from v1852.04 to v1852.05 only includes the changes described in paragraphs 1.1.6 and 1.1.7 as the changes described in 1.1.1 through 1.1.5 have already been included in v1852.04.

## 2. COMPLIANCE:

- 2.1. At owner/operator option, update to v1852.05 in accordance with paragraph 3.
- 2.2. Upon updating from v1852.02 to v1852.05 and if the helicopter is not equipped with a Mid-Continent MD302 Standby Attitude Module (MD302 SAM):
  - 2.2.1.1. Terminate the placard requirement stated in Table 1-6 of Enstrom Rotorcraft Flight Manual Supplement 28-AC-060.
  - 2.2.1.2. Terminate the placard requirement stated in Table 1-5 of Enstrom Rotorcraft Flight Manual Supplement 28-AC-072.
- 2.3. Upon updating from v1852.02 to v1852.05 and if the helicopter is equipped with a Mid-Continent MD302 Standby Attitude Module (MD302 SAM):
  - 2.3.1. Replace Enstrom Rotorcraft Flight Manual Supplement 28-AC-060 or 28-AC-072, as applicable, with 28-AC-075.
  - 2.3.2. Cancel SIL T-068.
    - 2.3.2.1. If equipped with GMA 350H audio panel and if the helicopter is registered in countries that recognize approvals granted by EASA, continue operation in accordance with SIL T-069, latest revision.
- 2.4. Upon updating from v1852.04 to v1852.05:
  - 2.4.1. No additional action is required.

## 3. INSTRUCTIONS:

- 3.1. Acquire the 480B G1000H System Loader Card P/N 010-12170-05 from Enstrom Helicopter.
- 3.2. In configuration mode, load the 006-B1852-05 (Version 1852.05) System Loader Card Software and Configuration Files using the 480B G1000H System Software Loader Card P/N 010-12170-05 per Section 8 of the 190-01739-00 G1000H Standard Maintenance Manual.

**NOTE:** Perform a complete “Baseline” and all required “Option” System Software and Configuration Loads. Do not perform a partial or targeted load.
- 3.3. Adjust the PFD and MFD lighting curves on the Main Lighting Page in accordance with Diagram 1-13 (Sheet 1 and Sheet 2) of the TH-28/480 Series Maintenance Manual Supplement 8. Or if configured with a NVIS compatible cockpit, adjust the PFD and MFD lighting curves on the Main Lighting Page per the instructions provided by the applicable NVIS STC documentation.

- 3.4. Set the transponder configuration settings on the Transponder Configuration Page in accordance with Diagram 1-13 (Sheet 7) of the TH-28/480 Series MM Supplement 8.
- 3.5. In normal mode on the System Status Page, verify the LRU software versions match the versions listed in Table 1-1 of the 480B Operator's Manual and FAA Approved Rotorcraft Flight Manual Supplement, 28-AC-075, latest revision, and have a green checkmark listed in status column, and no red "X"s are present. Verify the Airframe System Software Version is displayed as 1852.05.
- 3.6. Once complete, remove the 480B G1000H System Software Loader Card and store for safe keeping along with the other helicopter maintenance documentation.
- 3.7. Remove applicable placards from the aircraft instrument panel or lower console panel (per paragraph 2.2).
- 3.8. Amend or acquire other documentation per paragraphs 2.3 through 2.4, as applicable.