



SERVICE INFORMATION LETTER

SIL T-069
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DATE: May 24, 2017

SUBJECT: EASA Registration of GMA 350H-Equipped Model 480B Helicopters

MODEL: 480B

EFFECTIVITY: S/N Equipped with Garmin GMA 350H Audio Panel

The Enstrom Model 480B, when equipped with the GMA 350H Audio Panel, is eligible for certification as an EASA registered helicopter; however, EASA has enacted some additional conditions which must be met. This Service Information Letter (SIL) provides the instructions for the modification and documentation of helicopters necessary for EASA registration.

MODIFICATION:

Helicopters conforming to EASA.IM.R.122 Type Certificate Data Sheet and equipped with the GMA 350H must be modified in accordance with paragraph 1 and paragraph 2.

1. Enstrom 480B GMA 350H Rotorcraft Flight Manual Supplement 28-AC-073:

1.1.1. Enstrom 28-AC-073 must be carried in the helicopter at all times.

2. Enstrom TH-28/480 Series Maintenance Manual Supplement 5, Avionics:

2.1. Page Intro-1, **Avionic System(s)** Table, is amended as follows:

Avionic System	Enstrom Part Number
Garmin GMA 350H	4220672-()

- 1.1. Page 9-1, Paragraph 1-1.A, **Table 9-1**, is amended as follows (add the following configuration part numbers):

Part Number	Installation Interface	Marker Beacon Receiver
4220672-101	Standard (non-G1000H) Instrument System	Yes
4220672-103	Standard (non-G1000H) Instrument System	No
4220672-105	G1000H Integrated Flight Deck System	Yes
4220672-107	G1000H Integrated Flight Deck System	No

- 1.2. Page 9-1, **Paragraph 1-1.B**, is amended as follows:

B. Configurations without a GDL 69AH interface include the GMA 350H audio panel unit mounted in the avionics panel of the pedestal and an entertainment (J148) jack located on the copilot side of the pedestal. P/N 4220672-3, 4220672-7, 4220672-101, and 4220672-105 also include a marker beacon sensitivity toggle switch (**MKR SENS**) (SW97 and SW93, respectively) remotely located on the lower right side of the circuit breaker panel and a marker beacon antenna.

- 1.3. Page 9-1, **Paragraph 1-1.D**, is amended as follows:

D. Power to the audio panel is provided via the **AUDIO PANEL** circuit breaker (CB157, 2 A (P/N 4220672-3, P/N 4220672-5, P/N 4220672-105, P/N 4220672-107); CB35, 5 A (P/N 4220672-7, P/N 4220672-9, P/N 4220672-101, P/N 4220672-103)) located on the left side of the circuit breaker panel.

- 1.4. Page 9-1, **Paragraph 1-1.E**, is amended as follows:

E. Refer to the 480B Rotorcraft Flight Manual Supplement 28-AC-073 for general operational features of the GMA 350H audio panel.

- 1.5. Page 9-4, **Paragraph 4-1-4.C**, is amended as follows:

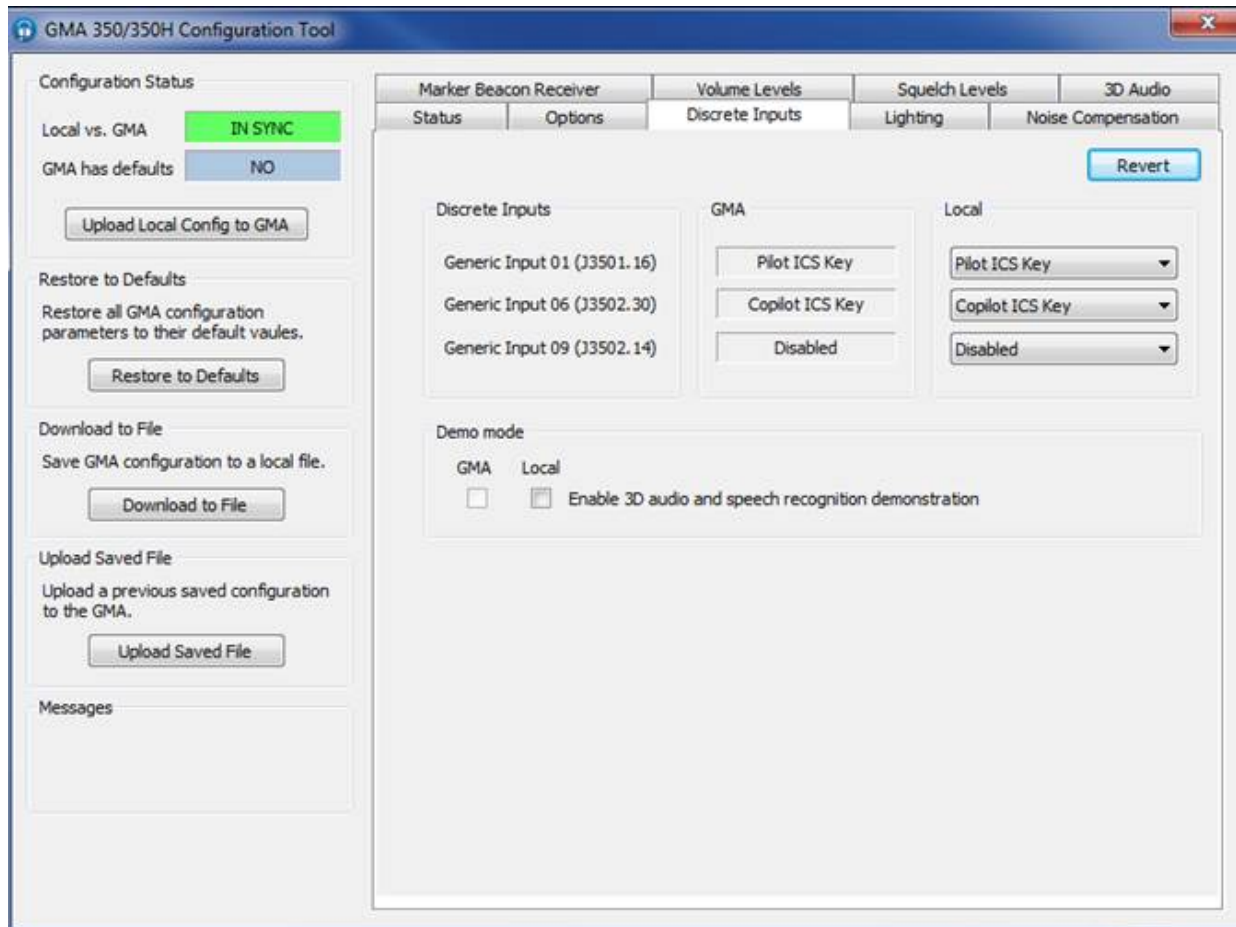
C. (G1000H Equipment Option: P/N 4220672-3, P/N 4220672-5, P/N 4220672-105 or P/N 4220672-107) If the installation is a replacement, perform the post installation checkout in accordance with paragraph 3.8 of the GMA 350/350H Installation Manual (para. 1-2).

- 1.6. Page 9-5, **Paragraph 4-1-4.D**, is amended as follows:

D. (Standard Equipment Option: P/N 4220672-7, P/N 4220672-9, P/N 4220672-101 or P/N 4220672-103) If the installation is a replacement, configure the GMA 350H in accordance with steps (1) through (8) below and perform the post installation checkout in accordance with paragraph 3.8 of the GMA 350/350H Installation Manual (para. 1-2).

1.7. Page 9-5, **Paragraph 4-1-4.D**, (2), is amended as follows:

(2) Configure Discrete Inputs Page with the following parameters:



1.8. Page 9-9, **Paragraph 4-3.B**, is amended as follows:

B. The GMA 350H audio panel wiring interface for P/N 4220672-3, P/N 4220672-5, P/N 4220672-105, and P/N 4220672-107 is shown in Diagram 9-1.

1.9. Page 9-9, **Paragraph 4-3.C**, is amended as follows:

C. The GMA 350H audio panel wiring interface for P/N 4220672-7, P/N 4220672-9, P/N 4220672-101, and P/N 4220672-103 is shown in Diagram 9-2.

1.10. Page 9-9, **Figure 9-1 Caption Note**, is amended as follows:

(Note: Item 3 applicable to P/N 4220672-3, P/N 4220672-7, P/N 4220672-101, and P/N 4220672-105 only.)

1.11. Page 9-10, **Figure 9-2**, is amended as follows:

Item	Part Number	Component	Quantity
-	4220672-3	GMA 350H Audio Panel Installation with Marker Beacon Receiver (G1000H option)	REF
-	4220672-5	GMA 350H Audio Panel Installation without Marker Beacon Receiver (G1000H option)	REF
-	4220672-7	GMA 350H Audio Panel Installation with Marker Beacon Receiver	REF
-	4220672-9	GMA 350H Audio Panel Installation without Marker Beacon Receiver	REF
-	4220672-101	GMA 350H Audio Panel Installation with Marker Beacon Receiver	REF
-	4220672-103	GMA 350H Audio Panel Installation without Marker Beacon Receiver	REF
-	4220672-105	GMA 350H Audio Panel Installation with Marker Beacon Receiver (G1000H option)	REF
-	4220672-107	GMA 350H Audio Panel Installation without Marker Beacon Receiver (G1000H option)	REF
1	011-02385-10	. GMA 350H	1
-	011-02302-00	. GMA 350H Connector Kit (Included with GMA 350H	REF
2	7277-5-2 (2 amp)	. Circuit Breaker (Used with 4220672-3, 4220672-5, 4220672-105, 4220672-107)	1
-2	7277-5-5 (5 amp)	. Circuit Breaker (Used with 4220672-7, 4220672-9, 4220672-101, 4220672-103)	1
3	DMN43-1	. Antenna (Used with 4220672-3, 4220672-7, 4220672-101, 4220672-105*) (* REF 4196512-1)	1
-4	AN960-8L	. . Washer	3
-5	AN365-832	. . Nut	3
6	7101SYZQE	. Switch (Used with 4220672-3, 4220672-7, 4220672-101, 4220672-105)	1
-7	161-3402-E	. Entertainment Jack	1

1.12. Page 9-11, **Diagram 9-1 Caption**, is amended as follows:

Diagram 9-1. GMA 350H Audio Panel, P/N 4220672-3, P/N 4220672-5, P/N 4220672-105, and P/N 4220672-107 (G1000H Equipment Option)

1.13. Page 9-13, **Diagram 9-2 Caption**, is amended as follows:

Diagram 9-2. GMA 350H Audio Panel, P/N 4220672-7, P/N 4220672-9, P/N 4220672-101, and P/N 4220672-103 (Standard Configuration Option (non-G1000H))