

Notification

ELT Antenna Location

RECOMMENDED

Symbols:

Please pay attention to the following symbols throughout this document emphasizing particular information.

- ▲ **WARNING:** Identifies an instruction, which if not followed, may cause serious injury or even death.
- **CAUTION:** Denotes an instruction which if not followed, may severely damage the aircraft or could lead to suspension of warranty.
- ◆ **NOTE:** Information useful for better handling.

1. General

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<u>Release date:</u>	July 22 nd 2013
<u>Date of effect:</u>	July 22 nd 2013
<u>Compliance:</u>	next 100h maintenance or next annual condition inspection, whatever is first
<u>Release Number:</u>	NOT-010-ELT-antenna
<u>Superseded notice:</u>	none
<u>Models affected:</u>	G3, GX
<u>Affected S/N:</u>	all aircraft equipped with a 406 MHz ELT
<u>Reason:</u>	current antenna location might lead to failure during self-test

Notification

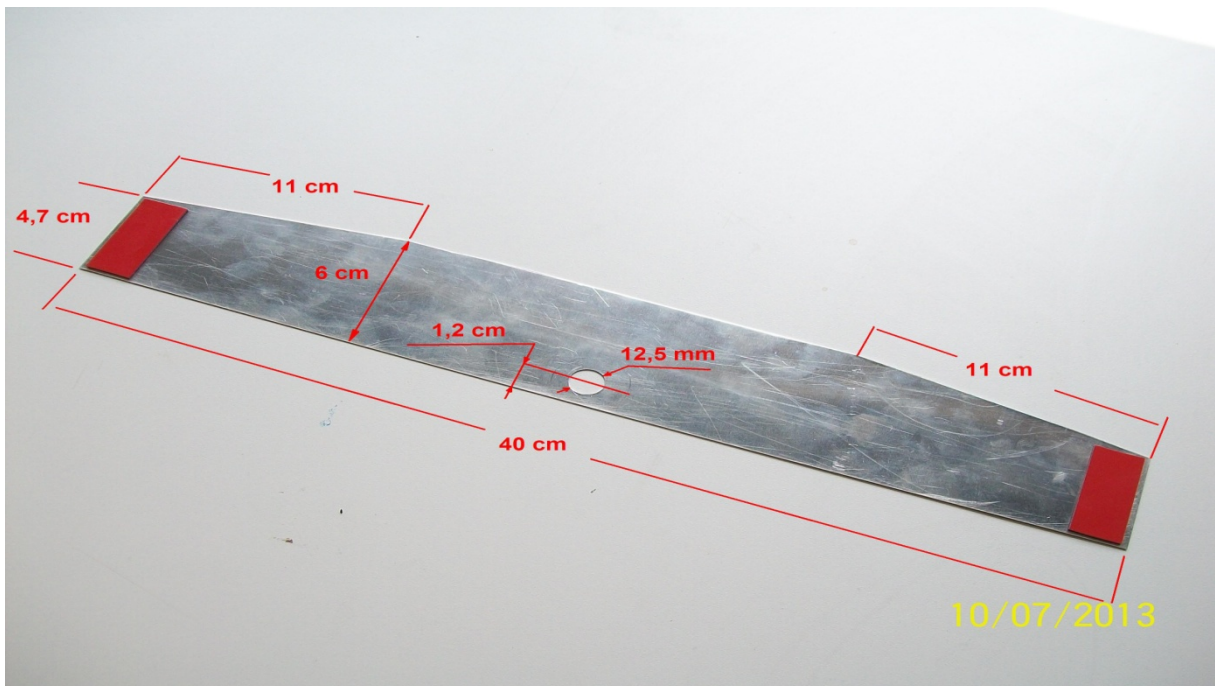
2. Preamble

Currently, the ELT antenna is located inside of the fuselage. In some cases, this could lead to an unsuccessful ELT self-test. Consequently, it is recommended to relocate the 121.5 MHz antenna to the outside and install it on top of the fuselage.

The satellite detection of the ELT is not effected as only 121.5MHz is broadcasted by the external ELT antenna. 406MHz emergency message is broadcasted by the internal antenna.

3. Installation instruction

1. Additional part groundplate, use 0.5...1.0mm aluminium
apply self adhesive foam on the edges to prevent rattling



Notification

2. Measuring 26 cm from flap drive-shaft attachment bracket ...



... and mark area.



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3. Place groundplate behind bonding of main spar carry through and mark antenna hole



4. Drill antenna hole, diameter 12,5 cm



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5. Remove outside adherent and place groundplate aligned with the antenna hole. Install antenna und connect to antenna wiring.



Finished wiring with cable brackets, routed below the ELT. Routing alongside the ELT is also possible:



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View of exterior antenna:



**REMOS wishes you safe and fun flights!
Always check your aircraft before you fly!**