

		SERVICE BULLETIN		SB 25-006 B
		☒ MANDATORY ☐ OPTIONAL	☐ RECOMMENDED ☐ REPAIR	
Subject		ELT Antenna Relocation		
Date of Entry into Force		December 12 th , 2025		
Deadline		6 months from the effective date of the associated AD (June 19 th , 2026)		
Associated Airworthiness Directive		EASA AD 2025-0282		
Associated Modification / Repair		MOD 25-010 / 25-022		
Impact on Weight and Balance		N/A		
HG Contact		Customer Support Tel: +33 (0)4 42 39 10 88 E-Mail: support@guimbal.com		
Revision	Subject		Date	
A	Creation		Oct. 10 th 2025	
B	AD reference added, non-structural honeycomb engine cowl repair, minor improvements.		Dec. 12 th , 2025	

Applicability

Cabri G2 from S/N **1003** to S/N **1389** except **1383** and **1388**.

Situation

HG has had reports of weak ELT signals when transmitting.

Testing has showed that the root cause was the location of the ELT antenna.

This Service Bulletin depicts the relocation of the ELT antenna and, if applicable, of the VHF2 antenna as well.

Required Material

Aircraft equipped with VHF2

KIT-SB25-006A

Reference	Designation	Qty	Part	Cons.	Tool.
G71-40-220	ELT Coaxial Cable	1	•		
G72-03-220	VHF2 Antenna Bracket	1	•		
G72-03-242	ELT Antenna Bracket	1	•		
G72-23-110	VHF2 Antenna	1	•		
HG12-0343	Nut	4	•		
HG17-0551	Washer	4	•		
HG22-0700	Pin	4	•		
HG22-2692	Plug	1	•		
HG45-1222	PE Tape	300 mm	•		
HG73-1153	Grommet	1	•		
HG75-3696	ELT Antenna	1	•		
HG21-2022	Tyrap	20		•	
Local Procure.	Carbide Router	1			•
Local Procure.	Ø10 mm Drill Bit	1			•
Local Procure.	Cyanoacrylate glue	AR		•	

Aircraft not equipped with VHF2

KIT-SB25-006B

Reference	Designation	Qty	Part	Cons.	Tool.
G71-40-220	ELT Coaxial Cable	1	•		
G72-03-242	ELT Antenna Bracket	1	•		
HG12-0343	Nut	2	•		
HG17-0551	Washer	2	•		
HG22-0700	Pin	2	•		
HG45-1222	PE Tape	300 mm	•		
HG73-1153	Grommet	1	•		
HG75-3696	ELT Antenna	1	•		
HG21-2022	Tyrap	20		•	
HG40-2813	Fiberglass	AR		•	
HG40-0204	Peel ply	AR		•	
HG32-0188	Epoxy Resin	AR		•	
C3027	Cotton Flock	AR		•	
Local Procure.	Methyl Ethyl Ketone	AR		•	
Local Procure.	P80 Grit Abrasive	AR			•
Local Procure.	P160 Grit Abrasive	AR			•
Local Procure.	Carbide Router	1			•
Local Procure.	Ø10 mm Drill Bit	1			•

Note: The references above shall be ordered under **KIT-SB25-006A** or **-006B**.

Caution: Composite repair material for aircraft not equipped with VHF2 are not included in the associated kit. Check section 2 of the SB for applicability and order separately, if required.

Required Actions**1 Preliminary Steps*****IPC 7.2-02***

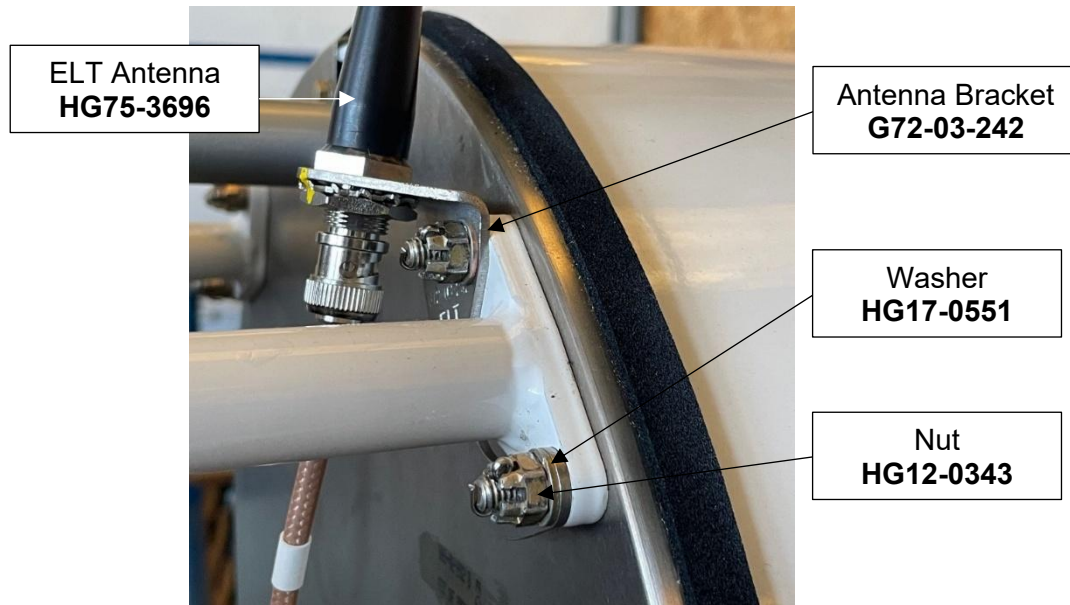
- a) Remove the ELT from the luggage compartment,
- b) Switch the ELT OFF,
- c) Identify the ELT antenna [9] behind the cabin upholstery, pilot side, remove and discard the cable [18].

2 ELT Antenna Installation

Aircraft equipped with VHF2

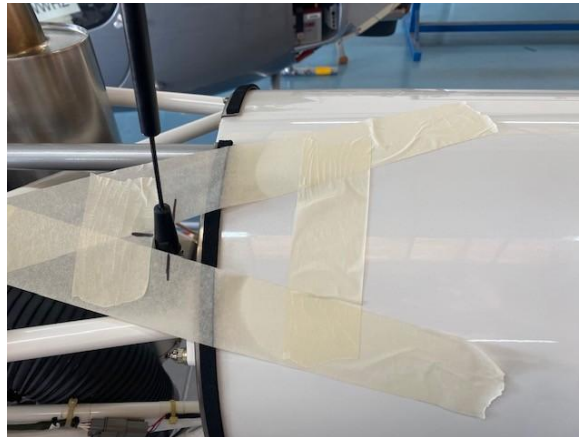
IPC 7.3-00

- a) Remove the engine cowlings following **MM 61-B-01**,
- b) Disconnect the connector from the VHF2 antenna [13],
- c) Remove and discard VHF2 antenna [13],
- d) Open the tail boom firewall access door and remove both nuts from the upper LH tailboom fitting. Discard the existing VHF2 antenna bracket,
- e) Install the ELT antenna bracket **G72-03-242** with washers **HG17-0551**, nuts **HG12-0343**, as shown below:

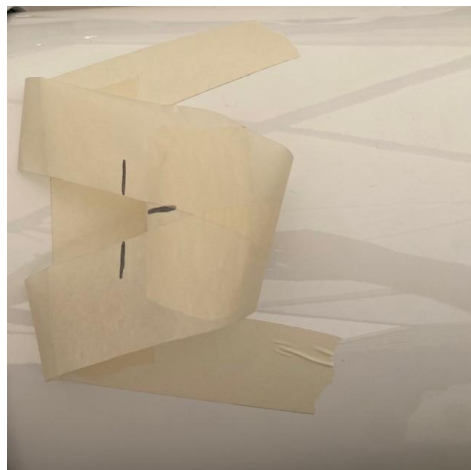


- f) Torque nuts to **7.5 - 9 N.m** and install cotter pins **HG22-0700**,
- g) Install the ELT antenna **HG75-3696** on the bracket with its associated washer and nuts, as shown above,

- h) Use paper tape to mark the location of the ELT antenna as shown below,



- i) Remove the ELT antenna and fold back the paper tape as shown below,



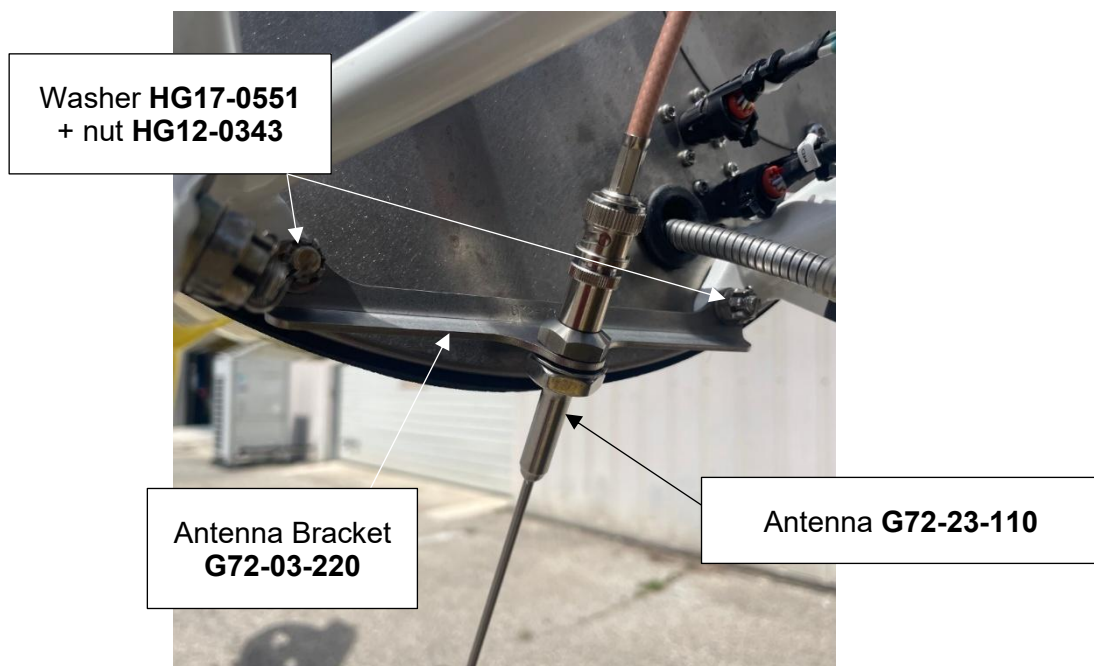
- j) Install the engine cowlings following **MM 61-B-02**,
k) Close the engine cowlings and fold the paper tape back in place as shown below,



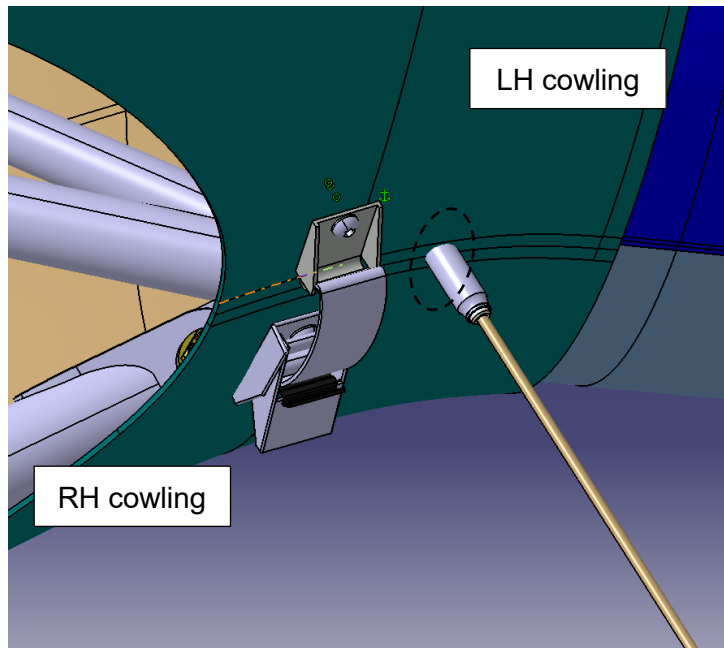
- l) Drill a **Ø10 mm** hole and enlarge to **Ø22 mm** using a carbide router,

Note: Make sure there is at least a **2 mm** gap between the antenna and the composite.

- m) If necessary, proceed to paint touch-up using paint listed in MM Supplement **J70-013**,
- n) Install the ELT antenna on the bracket with its associated washer and nuts,
- o) Remove both lower nuts and washers from the lower LH and RH tailboom fitting, discard nuts and washers,
- p) Install antenna bracket **G72-03-220** with washers **HG17-0551** and nuts **HG12-0343** as shown below,
- q) Torque nuts to **7.5 - 9 N.m** and install cotter pins **HG22-0700**,
- r) Close the tail boom firewall access door with associated screws,
- s) Install VHF2 antenna **G72-23-110** with its associated washer on the antenna bracket, pointing downward as shown below,
- t) Connect VHF2 coaxial cable to the antenna as shown below:



- u) Identify the interference area between VHF2 antenna and both lateral cowlings as shown below,

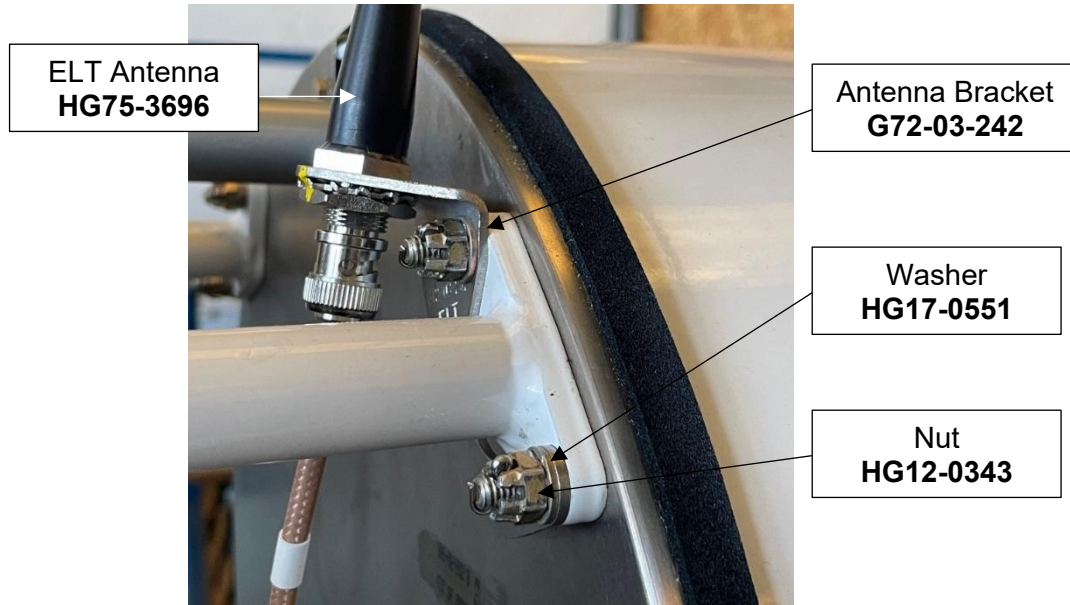


- v) Using a carbide router, trim the cowlings, make sure there is at least a **5 mm** gap between the antenna and the composite,
- w) If necessary, proceed to paint touch-up using paint listed in MM Supplement **J70-013**,
- x) Install a plug **HG22-2692** in the former VHF2 antenna hole, bond it in place using cyanoacrylate glue.

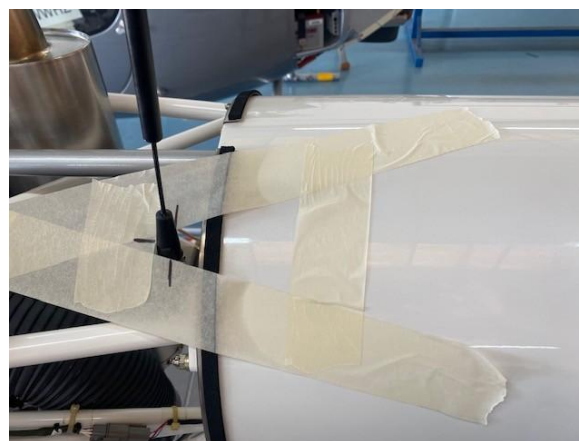
Aircraft not equipped with VHF2

IPC 6.6-00

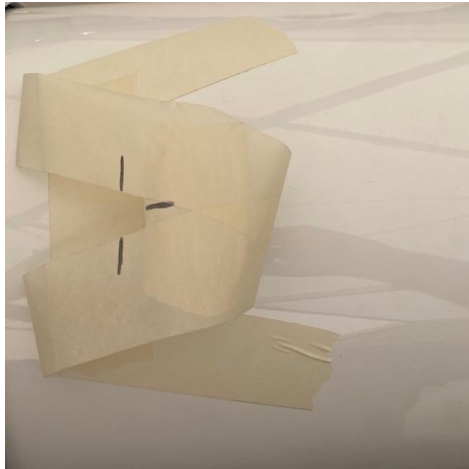
- a) Open the tail boom firewall access door and remove both nuts from the upper LH tailboom fitting,
- b) Install the ELT antenna bracket **G72-03-242** with washers **HG17-0551**, nuts **HG12-0343**, as shown below:



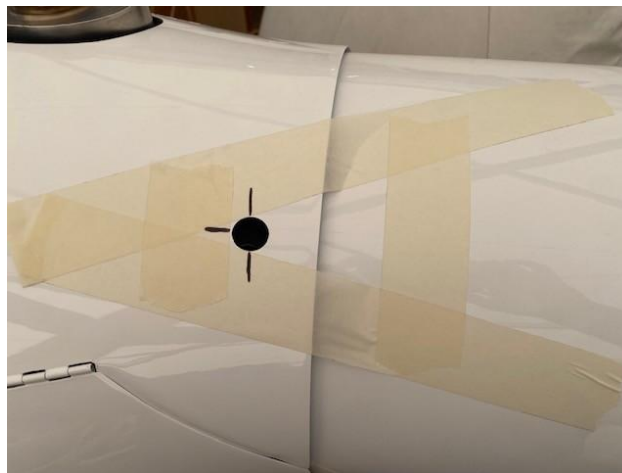
- c) Torque nuts to **7.5 - 9 N.m** and install cotter pins **HG22-0700**,
- d) Close the tail boom firewall access door with associated screws,
- e) Install the ELT antenna **HG75-3696** on the bracket with its associated washers and nuts, as shown above,
- f) Use paper tape to mark the location of the ELT antenna, as shown below:



- g) Remove the ELT antenna and fold back the paper tape as shown below:



- h) Install the engine cowlings following **MM 61-B-02**,
i) Close the engine cowlings fold the paper tape back in place as shown below:



- j) Check whether the hole to be drilled interferes with existing honeycomb on the inner side.
If it does, proceed to honeycomb repair as per **section 4**, prior to drilling,
k) Drill a **Ø10 mm** hole and enlarge to **Ø22 mm** using a carbide router,

Note: Make sure there is at least a **2 mm** gap between the antenna and the composite.

- l) If necessary, proceed to paint touch-up using paint listed in MM Supplement **J70-013**,
m) Install the ELT antenna on the bracket with its associated washer and nuts.

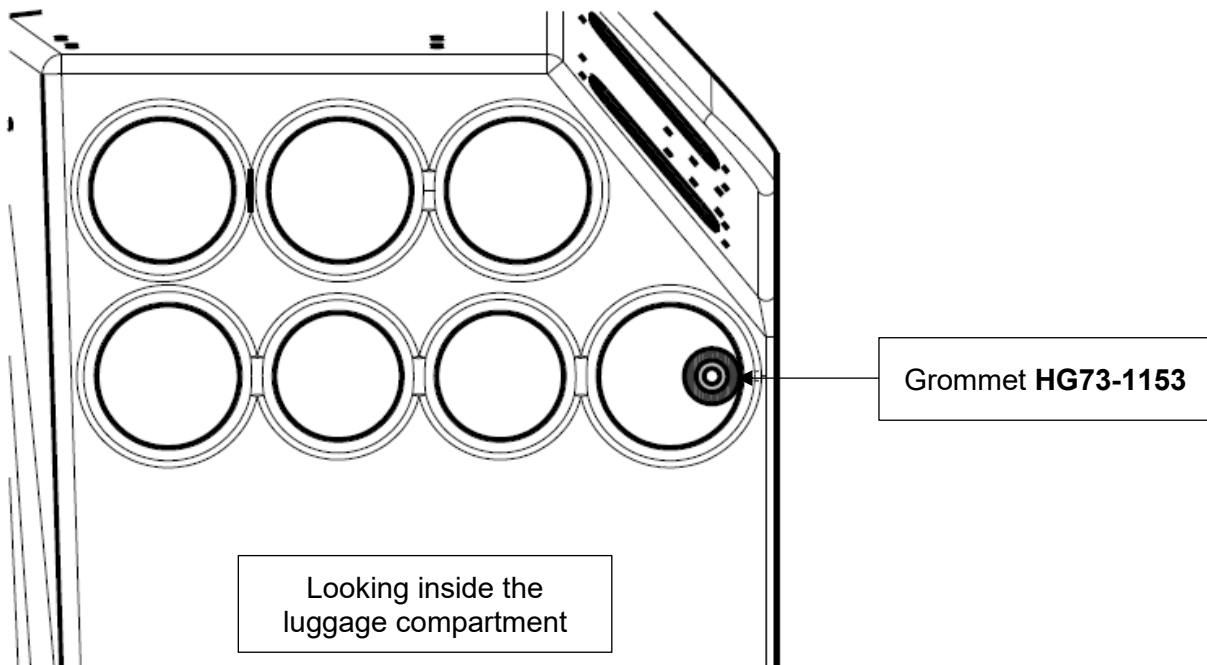
All aircraft

3 ELT Antenna Cable Routing

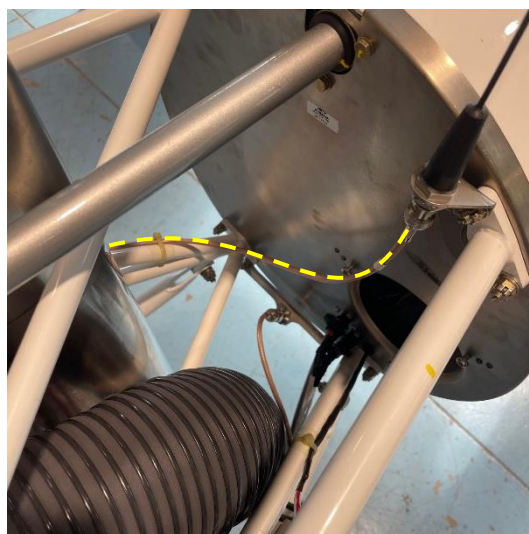
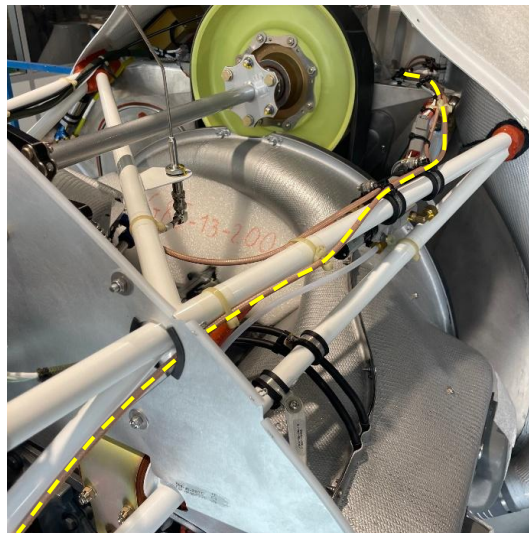
- a) Inside the luggage compartment, identify the bottom forward plexiglass cap,
- b) Gain access to this cap by locally removing the upholstery,

Note: This is a delicate task as the upholstery is quite fragile, use care.

- c) Drill a **Ø10 mm** hole inside the plexiglass cap identified above, enlarge to **Ø22 mm** using a carbide router,
- d) Install grommet **HG73-1153** as shown below:



- e) Route the coaxial cable **G71-40-220** along the luggage compartment, the engine frame up to the ELT antenna, as depicted below:

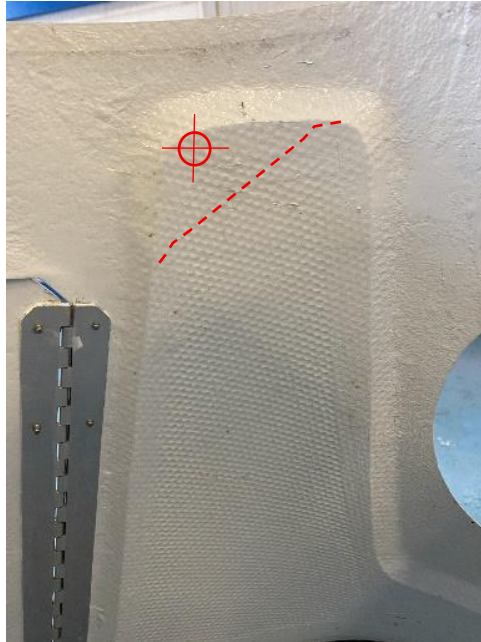


Note: If AC is installed, remove the aft bulkhead prior proceeding to routing.

- f) Install PE tape **HG45-1222** on the engine frame and maintain ELT coax cable with tyraps **HG21-2022**,
- g) Connect the coax cable to the ELT antenna.

4 Engine Cowl Honeycomb Repair

- a) Mark the ELT antenna hole and the honeycomb to be trimmed as shown below:



- b) Using a diamond cutting wheel or a carbide router, remove the honeycomb, the edges should then be sharp and free of chips as shown below,

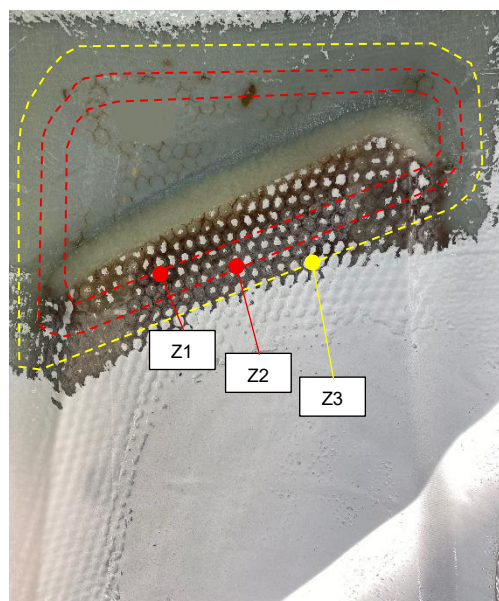


- c) Degrease the area using MEK and let it dry, do not wipe it with a cloth,

- d) Mix the resin **HG32-0188** with cotton flock **C3027** until the desired texture is achieved, then apply a coat on the trimmed honeycomb as shown below:



- e) Allow to cure at **ambient temperature** for **12 hours**,
- f) If needed, flatten the surfaces using **P80** grit abrasive,
- g) Prepare 3 plies of fiberglass **HG40-2813** as shown below:
- 2 plies **Z1** and **Z2** orientated at **0°/90°**,
 - 1 ply **Z3** orientated at **±45°**,
 - 1 peel ply **HG40-0204** covering the repaired area.



- h) Carefully laminate the air bubbles,
- i) Allow to cure at **ambient temperature** for **12 hours** then **60°C** for **4 to 6 hours**,
- j) Sand the area using **P160** grit abrasive, prior to finishing,
- k) Proceed to a paint touch-up on the affected zone using paint listed in MM Supplement **J70-013**.

5 Flight Manual Temporary Revision

- a) If applicable, remove the Flight Manual Temporary Revision **J40-001-TR1** from the flight manual.

6 Final Steps

- a) Reinstall the ELT inside the luggage compartment, switch the ELT to ARMED,
- b) Turn Master and VHF2 ON, check radio transmission and reception, if applicable,
- c) Perform an ELT test following **MM 72-C-02**.