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Manufacturing Organisation M677

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SERVICE BULLETIN

#0004 Revision 1

Page 1 of 4

(Sling Aircraft (Pty) Ltd. considers compliance with all Service Bulletins mandatory)

**NOTE – THIS SERVICE BULLETIN REPLACES SERVICE BULLETIN #0004 (REVISION 0) IN ITS ENTIRETY
SERVICE BULLETIN #0004 (REVISION 0) IS ACCORDINGLY CANCELLED WITH EFFECT FROM 19/09/2025**

RELEASE DATE: 19/08/2025

REASON FOR REVISION 1: Update to list of affected models

EFFECTIVE DATE: 19/08/2015

SUBJECT: Placement of the ELT antenna

MODELS AFFECTED: All Sling LSA, Sling 2, Sling 2 Taildragger & Sling 4 aircraft where an **ACK E-04** ELT is installed prior to 19/08/2015.
(Aircraft produced after 14/07/2020 will have an **ARTEX 345** ELT and are NOT affected by this Service Bulletin).

COMPLIANCE TIME: Next MPI (Mandatory Periodic Inspection)

1. DESCRIPTION AND PURPOSE:

To ensure the correct placement of the ELT antenna.

2. MATERIAL INFORMATION:

2.1. PARTS AND CONSUMABLES LIST:

- a) 1 x ELT Antenna Bracket (CF-ANG-052-X-C-0)
- b) 2 x 3.2 x 8mm Aluminium Rivets

2.2. TOOLS REQUIRED:

- a) 1 x 3.3mm Drill Bit
- b) 1 x Drill
- c) 1x Cleco
- d) 1 x Cleco Pliers
- e) 1x Rivet Gun

2.3. MATERIAL RESPONSIBILITY:

Sling Aircraft (Pty) Ltd will provide the required parts listed in Section 2.1 for all aircraft subject to the Service Bulletin.

2.4. COMPANY SUPPORT INFORMATION

Sling Aircraft AMO 1264 (Johannesburg, South Africa) is available to perform the required work on all aircraft delivered to its premises. The aircraft may be flown to an aircraft maintenance organisation for the work to be carried out. Person(s) implementing the work are required to follow instructions set out below. Sling Aircraft cannot accept any responsibility for the quality of work performed in implementing this Service Bulletin, if the work is not performed by Sling Aircraft AMO 1264 (Johannesburg, South Africa).

All work carried out on the aircraft with respect to this Service Bulletin (Service Bulletin 0004) may be performed by the kit builder. Refer to the legal requirements of the governing aviation authority of the country where the actions, as detailed by this Service Bulletin, are to be carried out. Sling Aircraft will cover the installation costs of aircraft under warranty. Sling Aircraft is not responsible for costs related to shipping, downtime, loss of income, etc.

2.5. COMPANY SUPPORT INFORMATION

To request Service Bulletin kits, please use the following contact details: sales@slingaircraft.com, or contact your local distributor.

Make use of the following contact details for any related technical queries: airworthiness@slingaircraft.com or technical@slingaircraft.com.

3. INSTRUCTIONS:

If the **ACK E-04** ELT antenna is mounted in any place other than what is stipulated in this service bulletin, then this service bulletin will apply. The installation instructions in Figure 2 on the following page illustrate the correct installation.

Note: As of 14 July 2020, the **ACK E-04** ELT was replaced with the **ARTEX 345** ELT. The **ARTEX 345** ELT is mounted in a new location within the empennage fairing. This location is the preferred mounting position recommended by Sling Aircraft to ensure compliance with requirements for an externally mounted antenna. The two different ELT options are shown in Figure 1.

ACK TECHNOLOGIES INC. MODEL E-04 ELT



ARTEX Artex ELT 345 Emergency Locator Transmitter



Figure 1

ITEM NO.	PART NUMBER	DESCRIPTION	QTY
1	CF-ASS-001-C-C-1	Sling 4 Centre Fuselage	1
2	RF-ASS-001-C-C-0	Sling 4 Rear Fuselage	1
3	IN-ELT-002-X-X-0	ACK ELT E-04 Whip Antenna	1
4	CF-ANG-052-X-C-0	ELT Antenna Bracket	1
5	HW-RIV-142-X-X-0	3.2 x 8mm Alu Domed Rivet	2

Step 1

Whilst holding part (4) below the bottom flange of the right hand seat backrest stop (as seen in assembled view) drill first 3.3mm hole and cleco, then drill second hole.

Step 2

Rivet part (4) with two 3.2 x 8mm Aluminium Domed Rivets into the holes drilled in step 1.

Step 3

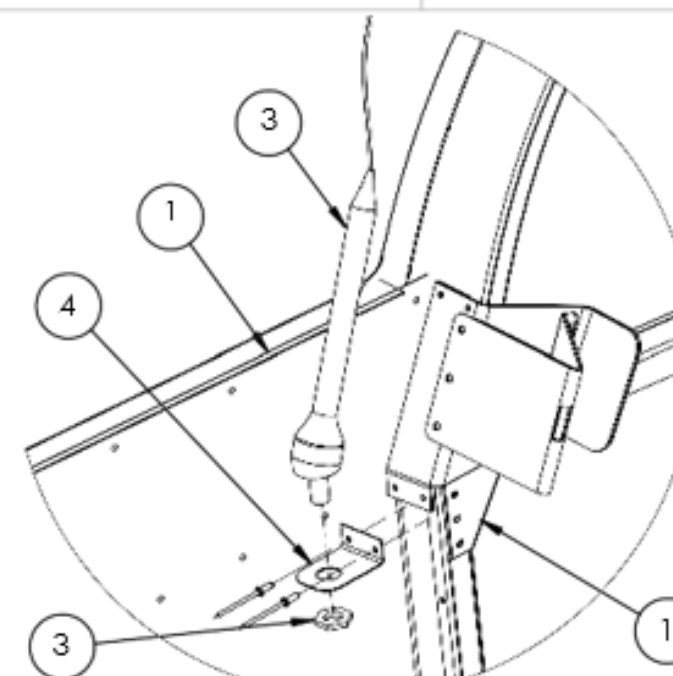
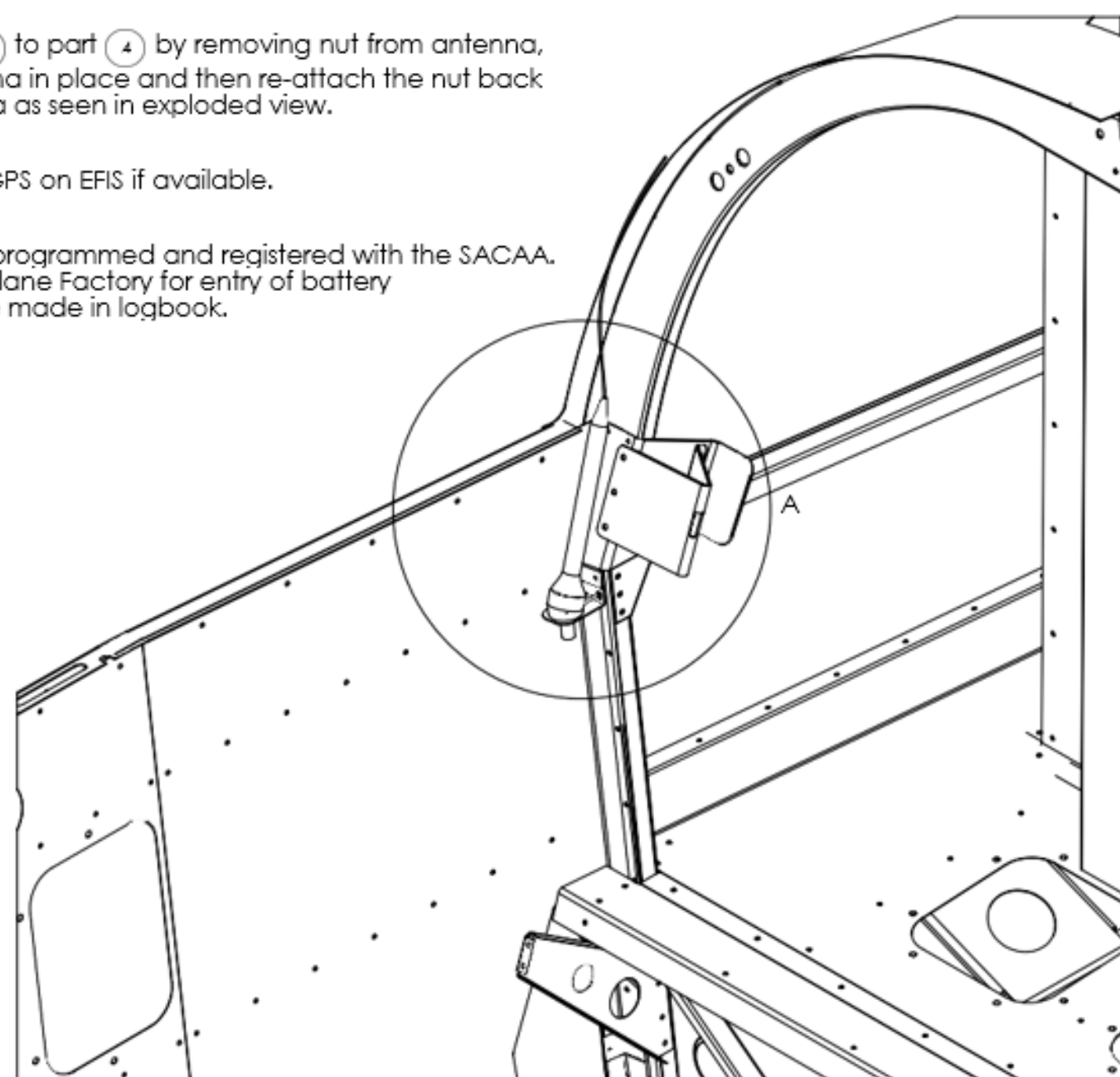
Connect part (3) to part (4) by removing nut from antenna, place the antenna in place and then re-attach the nut back onto the antenna as seen in exploded view.

Step 4

Connect ELT to GPS on EFIS if available.

Step 5

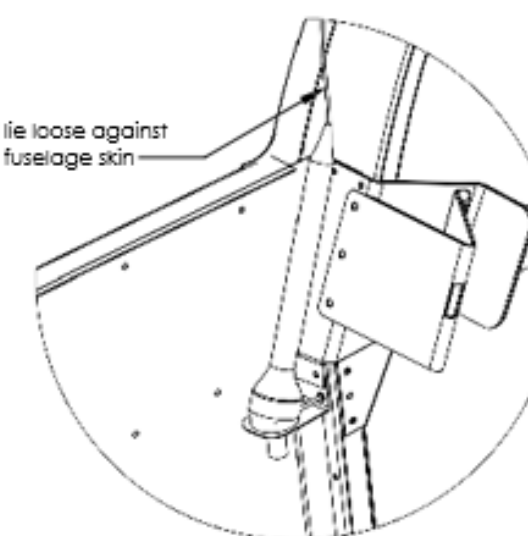
Make sure ELT is programmed and registered with the SACAA. Contact The Airplane Factory for entry of battery expiry date to be made in logbook.



EXPLODED VIEW

Note:

The antenna will lie loose against the inside of the fuselage skin



**ASSEMBLED VIEW
(DETAIL A)**



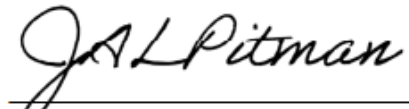
DESCRIPTION pg 1

**ELT ANTENNA
INSTALLATION**

Sling 4 Date:2015/08/14 Revision 1

Figure 2

Signed on this the 19th day of August 2025

A handwritten signature in black ink, reading "JAL Pitman". The signature is written in a cursive style with a large, stylized "J" and "P".

ACCOUNTABLE MANAGER

MR JAMES PITMAN