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Registration no 2002/022837/07
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Manufacturing Organisation M677

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NOTIFICATION

#0011

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

RELEASE DATE: 12 October 2022

EFFECTIVE DATE: 12 October 2022

SUBJECT: Throttle cable inspection

MODELS AFFECTED: Factory built aircraft:

Sling 2 and Sling LSA serial numbers:

347, 348, 349

Sling 4 TSi serial numbers:

159s, 214s, 361s, 362s

Kits and Quick Build Kits:

Sling 2 and Sling LSA serial numbers:

366k, 344k

Sling 4 TSi serial numbers:

380sk, 408sk, 249sk, 302sk, 377sk, 298sk, 413sk, 204sk, 435sk,
434sk, 283sk, 427sk

COMPLIANCE TIME: Immediately

1. DESCRIPTION AND PURPOSE:

The Notification requires that the throttle cable diameter is checked. The required diameter of the throttle cable is 1.5mm.

It was discovered that 2mm throttle cables installed on a limited number of aircraft may pose a risk of jamming. Any 2mm thick throttle cable that has been installed must be replaced with a 1.5mm cable. If the 2mm cable is not replaced with the 1.5mm cable there is the potential for the throttle cable to stick, resulting in reduced throttle control/travel.

It is required that you inspect the throttle cable installed on your aircraft. If it is found that a 2mm cable has been installed, install the 1.5mm cable prior to your next flight.

If it is found that the throttle cable needs to be replaced, refer to 'Service Bulletin 19' for the throttle cable installation instructions.

1.1. MASS DATA:

N/A

1.2. ELECTRICAL LOAD DATA:

N/A

1.3. SOFTWARE MODIFICATIONS:

N/A

1.4. REFERENCES:

- a) Service Bulletin 19
- b) Sling 4 TSi Finishing Kit (DC-KAI-008-X-F)

1.5. PUBLICATIONS AFFECTED:

N/A

2. MATERIAL INFORMATION:

2.1. PARTS AND CONSUMABLES LIST:

- a) 1.5mm throttle cable: RW-CBL-311-X-X-2
- b) Split pin: HW-CPN-212-X-X-0
- c) AN3-4A throttle cable clamp bolt: HW-ANB-304-X-X-4

2.2. TOOLS REQUIRED:

- a) 2.5 mm Allen key
- b) Vernier calliper

2.3. MATERIAL RESPONSIBILITY:

Sling Aircraft will provide the replacement parts, those that are listed in Section 2.1. Sling Aircraft will also cover the cost of installation of the throttle cable.

2.4. COMPANY SUPPORT INFORMATION:

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

3. INSTRUCTIONS:

If the throttle cable has not been installed into the aircraft yet, measure the diameter of the cable before fitting it. If it has a 2mm diameter request a new 1.5mm replacement from Sling Aircraft.

If the throttle cable has been installed, refer to the respective procedures for the applicable aircraft as detailed by the following sections.

3.1. Throttle cable inspection for the Sling 2 and Sling LSA

- Step 1. Remove the centre console side inspection panel, on the pilot (left) side of the aircraft. The front seat may need to be removed in order to make removing this panel easier. To do so follow Step 2.
- Step 2. Remove the front seat on the pilot (left) side of the aircraft. Refer to Section 4.3.2.1 in the Sling 2 maintenance manual (DC-MAM-002-X-B).
- Step 3. Once the panel has been removed, use a vernier calliper to measure the throttle cable thickness. Refer to *Figure 1*.

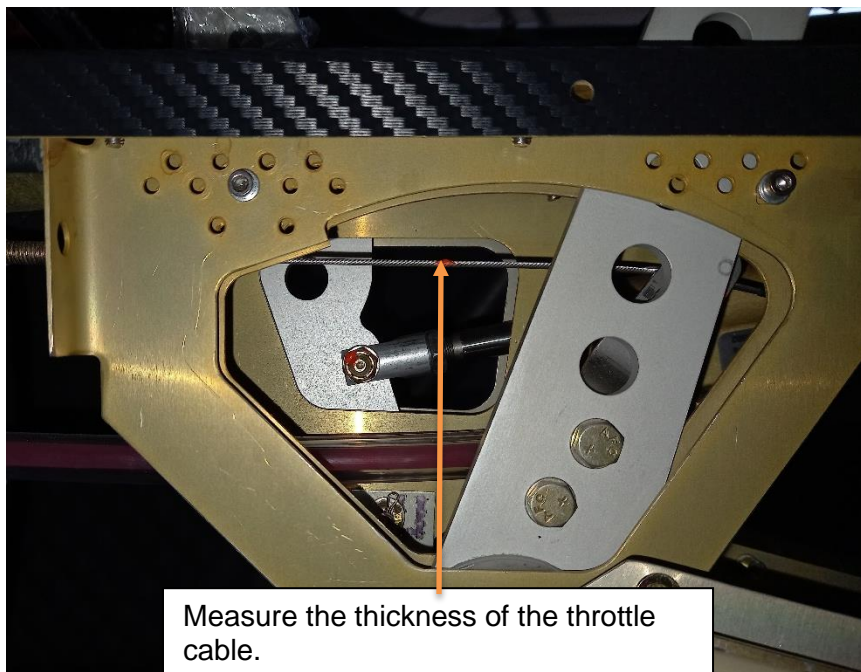


Figure 1: Throttle cable to be measured

If the cable is found to be a 2mm cable and not a 1.5mm cable, replace the cable with a 1.5mm cable. If the correct cable is installed, reinstall the inspection hatch and front seat.

3.2. Throttle cable inspection for the Sling 4 TSi

- Step 1. Remove the centre console side inspection panel, on the pilot (left) side of the aircraft. The front seat may need to be removed in order to make removing this panel easier. To do so follow Step 2.
- Step 2. Remove the front seat on the pilot (left) side of the aircraft. Refer to Section 4.2.2.1 in the Sling 4 TSi maintenance manual (DC-MAM-001-X-F).
- Step 3. Once the panel has been removed, use a vernier calliper to measure the throttle cable thickness. Refer to Figure 2.

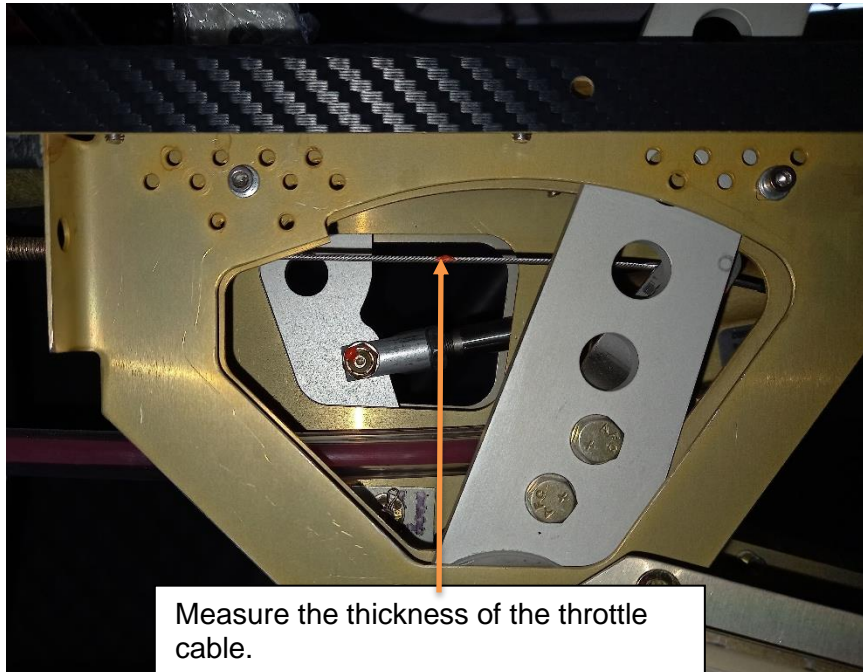


Figure 2: Throttle cable to be measured

If the cable is found to be a 2mm cable and not a 1.5mm cable, replace the cable. If the correct cable is installed, reinstall the inspection hatch and front seat.

Signed on this the 06 day of October 2022

ACCOUNTABLE MANAGER
MR JAMES PITMAN