

Service Bulletin SB.JS-015 v2.0**26 July 2013****TITLE**

JS1C 21m Type Certification – compliance inspection

APPLICABILITY

MODEL	SERIAL NUMBERS
JS1	034-047

REASON

The Type Certificate for the JS1 in the 21m configuration was approved on 24 May 2013.

This Service Bulletin gives the required actions to ensure JS1 S/N 034 to 047 comply with the Type Certificate Datasheet Issue 4.

COMPLIANCE


MANDATORY – Section 1 must be complied with before flying in the 21m configuration.

MANDATORY – Section 2 must be complied with at the next scheduled maintenance period or phase inspection.

INSTRUCTIONS – Section 1

The following actions should be completed before flying in the 21m configuration:

1. Amend the Type on the Registration Certificate to JS1-C 18/21. (If the aircraft is South African Registered, the old Registration Certificate needs to be returned to JS, as JS needs to return it to SACAA.)
2. Replace the data plate of the aircraft with an updated data plate supplied by Jonker Sailplanes. (The old plate must be returned to JS or proof supplied that the old data plate is destroyed before the issue of the new plate.)
3. Applying markings on the ASI clearly visible to the pilot, as indicated in Figure 1, to comply with the values described in the Flight Manual v3.0, section 2.2, airspeed limits.

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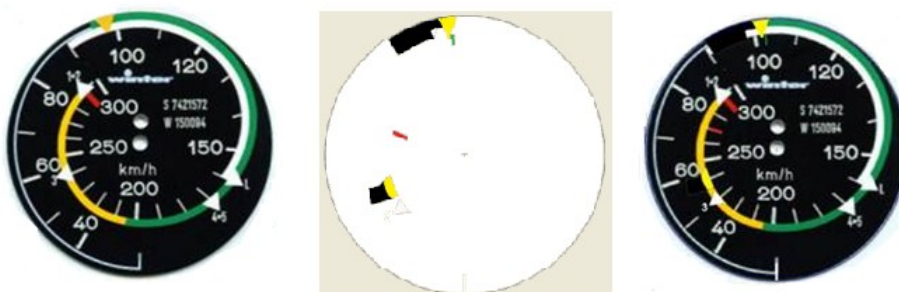


Figure 1: FROM LEFT: ASI without the sticker; The Stickers; and The ASI with the Sticker.

4. Replace Flight Manual v2.0 by Flight Manual v3.0 – The Aircraft Flight Manual must be carried on-board in the Document and Manual Folder.
5. Replace the cockpit placards to comply with Placards described in the Maintenance Manual v3.0 Chapter 11.
6. Check the elevator position with the trim in the Full forward trim position: $-15_{-2}^{+0} mm$, as indicated in the Maintenance Manual v3.0. Adjust the trim if required.
7. Inspect the 21m tip water actuator in accordance with TN.JS-017 and adjust if required.
8. Perform the daily inspection as described in the Flight Manual v3.0 including the water filling and dumping procedure explained in Section 4.5.6.

An approved person or organization must sign the flight folio confirming that the inspection listed in SB.JS-015 was performed. A notification of the actions must be send to JS to update aircraft records. JS will forward the required documentation of SA registered aircraft to the SACAA.

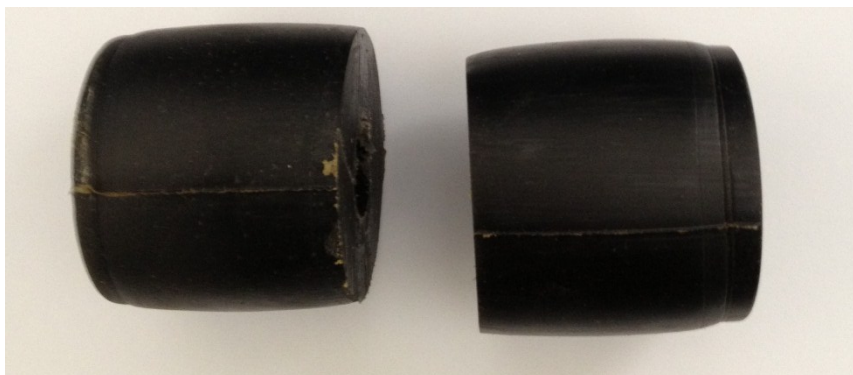
INSTRUCTIONS – Section 2

The following actions should be completed at the next scheduled maintenance period.

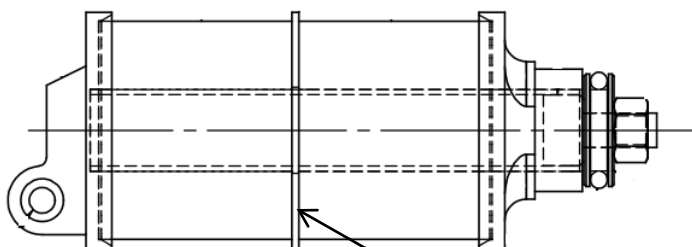
1. Amend the markings on the Airspeed Indicator – the instrument be be returned to the OEM or to an approved instrument workshop to modify the markings in accordance with the markings given in Flight Manual v3.0, section 2.2.
2. The Landing gear shock absorber must be adjusted as follows:
 - a. Remove the shock absorber as described in the Maintenance Manual section 6.5.2.
 - b. Remove rubber shock element.
 - c. Cut the rubber shock element in half. (50mm from either side.)

V2.0

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- d. Re-assemble shock absorber assembly with landing gear shock element divider plate, 1C-1.05.58, between the two halves of the shock element.



LG Shock Element divider plate

- e. Re-Install the shock absorber assembly, as per Maintenance Manual section 6.5.2:
- f. Re-install the main wheel as per Maintenance Manual section 6.5.1.

The following actions must be performed and released to services by an approved maintenance organization or approved person after the inspection was performed:

1. Adjustment of the trim (if required)
2. Adjustment of the water system actuators (if required)
3. Replacement of airspeed indicator
4. Modification of the landing gear shock absorber.

An approved person or organization must sign the flight folio confirming that the inspection listed in SB.JS-015 was performed. A notification of the actions must be send to JS to update aircraft records. JS will forward the required documentation of SA registered aircraft to the SACAA.

MATERIAL PROVIDED

For initial actions (Section 1):

- JS1C Certificate of Registration
- 1A-5.04.10, Flight Manual v3.0
- 1A-5.04.20, Maintenance Manual v3.0
- JS1C Placard set
- ASI markings stickers
- JS1C Data plate

For Next Maintenance inspection (Section 2)

- 1C-1.05.58, LG Shock Element divider plate

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