



Service Bulletin SB.JS-007

09 May 2012

TITLE

Rudder Pedals and Rudder Cable Inspection

APPLICABILITY

MODEL	SERIAL NUMBERS
JS1A	All
JS1B	All

REASON

In a recent accident the pilot reported loss of rudder control and that the rudder pedals moved during flight. This Service Bulletin is issued as a precautionary measure pending accident findings.

DESCRIPTION

To inspect the rudder cables in the cockpit area and the security of the rudder pedal position locking.

COMPLIANCE

MANDATORY. Until further notification this Service Bulletin must be accomplished before each flight.

INSTRUCTIONS

1. Move the rudder pedals fully forward and check rudder cables for fraying, kinks and wear.
2. Move the rudder pedals fully backwards and check the rudder cables for fraying, kinks and wear.
3. Check for smooth adjustment movement of the rudder pedals - a rough or sticking feel might indicate cable fraying within the rudder pedal S-tubes or inadequate lubrication of the rudder pedal slider beam.
4. Perform a visual check of the front rudder cable mounts, connections, and thimble sleeves/crimps for wear and tear.
5. Perform a visual check of the aft rudder cable horns, connections, and thimble sleeves/crimps for wear and tear.
6. Check the rudder pedal adjustment locking by sitting in the cockpit and applying a firm pressure (15kg) to the rudder pedals.
7. If necessary lubricate the rudder pedal slider beam with drylube.

If the rudder cables are frayed with even one broken wire, the aircraft is not airworthy, and please contact the Jonker Sailplanes agent for further advice. Note that any kinks could become a fraying problem after more flight hours.

Document name:

Service Bulletin Rudder Pedals and Rudder Cable Inspection

Document number:

SB.JS-007

Rev:

1.0

Document issue date:

09 May 2010

Page 1 of 2



Jonker Sailplanes

Hangar 23, Potchefstroom Airfield, 1 Tiger Moth Street, 2520, South Africa

SERVICE BULLETIN
SB.JS-007

Approval number: Design: D667 Manufacturing: M667, Maintenance: AMO1179

NOTES

This Service Bulletin is issued pending resolution of the cause and contributory factors in the recent accident, and will be superseded by a later Service Bulletin or another notification from Jonker Sailplanes

Document name:

Service Bulletin Rudder Pedals and Rudder Cable Inspection

Document number:

SB.JS-007

Rev:

1.0

Document issue date:

09 May 2010

Page 2 of 2