



KITPLANES FOR AFRICA

www.saplanes.co.za

P.O.Box 326

KOMATIPOORT

1340

South Africa

Rick Burrough 082 410032

Stefan Coetzee 082 6018970

info@saplanes.co.za

SERVICE BULLETIN

AIRCRAFT EFFECTED: All models

BULLETIN NUMBER: SB007

ORIGINAL ISSUE DATE: 04-04-02

REVISION DATE: 16-11-08

SUBJECT: Bungee suspension tension.

APPLICABILITY: All aircraft fitted with bungee suspension

COMPLIANCE: Mandatory

Problem: Older aircraft (pre 2004) were supplied with black 3/8" bungee suspension cord. This cord was prone to stretching and some owners shortened the cord to take up the slack. This caused the suspension system to loose some of its shock absorbing qualities and in some cases led to bends in the under carriage legs or even worse, bends in the lower fuselage tubes.

Solution: Remove and inspect the bungee cord at 500 hour intervals. Replace it with the newer 1/2" white cord if it is stretched or at least at 1000 hours or 5 years. Cut in half and use all of the 4 400mm supplied. Do not pull it up too tight or be tempted to cut it shorter. Correctly adjusted suspension will not allow the tyres to leave the ground when the wings are vigorously rocked up and down. Instead the gear legs will move up and down in the centre where the bungee loops pass round the legs.