CYCLONE AIRSPORTS LTD INCLUDING

CYCLONE & PEGASUS MICROLIGHTS, SOLAR WINGS HANG GLIDERS.

ELM TREE PARK, MANTON, MARLBOROUGH, WILTSHIRE SN81PS. TEL 01672 861 578 FAX 01672 861550

SERVICE BULLETIN

SB No. AX2009 ISSUE No. 1

TITLE AX2000 BATTEN POCKET CLOSURES

CLASSIFICATION This service bulletin has been classified as compulsory by Cyclone Airsports.

COMPLIANCE Before further flight.

APPLICABILITY Cyclone AX2000 first three production aircraft, reg. G-MZFA, G-MZGC and G-MZER.

INTRODUCTION

This service bulletin covers a safety related area on the above individual aeroplanes. It supercedes service bulletin AX2008 issue 1 part A. Modification AX104 issue 1 is supeceded by issue 2.

Batten pocket closures.

Despite implementation of service bulletin AX008 (batten pocket closures) on the above aeroplanes, it still proved possible for some of the battens to move out of their pockets. Flight loads and vibration tend to make the battens move very slowly rearwards, where they can be forced upwards out of the pocket. The mylar tongues advised in SB AX008 have been found to move as well and so are ineffective in preventing the batten moving.

A new shape of batten end has now been tested on G-MZER which engages under the sail behind the batten pocket slit. This positive engagement prevents further movement of the batten.

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ACTION

- 1) Remove the plastic batten ends from the trailing edge of each batten. Remove the batten end string.
- 2) Replace with PEP-6-001 3/4" plastic end bungs fitted with PMR-4-CG (green) and PMR-4-CR (red) batten ends. Red for port, Green for Starboard.
- 3) Insert the new batten end into the batten so that the concave surface faces downwards. Drill through the batten end hole with an M4 drill.
- 4) Re-string each batten end.
- 5) The correct procedure for installing the battens is to de-tension the wing at the centre section, and slide the battens in their pockets.
- 6) Push the trailing edge of each batten down through the batten pocket slit and pull it backwards.
- 7) The batten end should be engaged between the sail and the trailing spar as shown.
- 8) Re-tension the wing at the centre section.
- 9) Check fly the aeroplane and ensure correct seating of all battens.
- 10) Sign the Technical log "Mod AX104 issue 2 carried out".

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