

	Standard Modification Issue 1	Mod No. SM 13605
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		Compiled : A Draper
		Approved : F Donaldson

TITLE : Alternative Nose Wheel Fork Spindle and Housing
aka The Dover Mod

APPLICABILITY : All CZAW SportCruisers
Mod Type : At build or retro-fit

1. Introduction

The pivot spindle of the kit supplied nose wheel fork assembly of the CZAW SportCruiser has been found to be subject to early failure and, due to the design, is very difficult to inspect. Sprite Aviation, the importer of the CZAW SportCruiser kits, has made available a new design of spindle assembly that accepts the existing nose wheel fork assembly and that can be fitted to the existing nose leg.

2. Parts List

Refer to drawings contained in Sprite Aviation Services Ltd Service Letter SC-SL-003.

List of related documents

Document No.	Title / Description	Rev
Service Letter SC-SL-003	Installation of Dover SportCruiser Spindle Assembly	See note

Note: Refer to Sprite Aviation Services Ltd web site for latest revision. www.spriteaviation.co.uk

3. Action

For installation instructions refer to Service Letter SC-SL-003.

4. Weight and Balance

	Weight (kg)	CG (mm)	Moment
Existing A/C			
Weight Added	0.6	-890	-534
Post Mod A/C			


Amend the aircraft weight and balance schedule accordingly.

5. Flight Test and Special Instructions

1) To enable the revised design standard of the aircraft to be recorded a Mod 1 - Standard Modification Incorporation form (available from the LAA web site) must be completed and submitted to LAA Engineering.

Before the modified aircraft may be flown: -

- 2) An LAA inspector must check for correct assembly and installation of the new spindle assembly onto the nose leg and also for correct anti-shimmy friction torque.
- 3) Incorporate maintenance instructions from Service Letter SC-SL-003 into the aircraft's maintenance schedule.
- 4) With the above found to be satisfactory, a logbook entry must be made, making reference to the modification number, and the inspector must sign a Permit Maintenance Release (PMR).

Approved:	F Donaldson B.Tech C.Eng FRAeS Chief Engineer	Signed:	
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