



SOLAR WINGS LIMITED
A Member of the Pegasus Transport Systems Group

UNIT A, 56 GEORGE LANE,
MARLBOROUGH, WILTSHIRE SN8 4BY
Telephone: (0672) 54414/53598
Telex: 449703

SERVICE BULLETIN

No. 0002

Date. 24th June 1986

Page 1 of 2

THE CAA HAVE CLASSIFIED THIS SERVICE BULLETIN AS MANDATORY

SUBJECT:

Fuel system cleaning and inspection.

MODELS AFFECTED:

PEGASUS XL-R
PEGASUS FLASH
PEGASUS FLASH 2.

SERIAL Nos AFFECTED

All A/C with Trike Serial
No's prefixed with SW-TB

COMPLIANCE TIME:

Before next flight.

PURPOSE:

Field reports have been received concerning the fuel system on the above mentioned models. Reports include the following:

(1) The suction side of the fuel system being partially blocked by foreign objects at the following places:

- (a) Fuel Cock.
- (b) Tank Pick-up Tube.

(2) Air leaks developing at:

- (a) The connection between the flexible hose to the tank and the tank pick-up tube.
 - (b) The washers sealing the air bleed screws on top of the fuel filter bowl.
-

Reg. Office: as above. Co. Reg. No. 1454462. VAT Reg. No. 332 7383 60

Directors: D.S. Raymond S.M.G. Rose G.J. Slater M.S. Southall

INSTRUCTIONS:

Page 2 of 2

(1) Remove and blow through all fuel lines between tank and fuel cock ensuring there are no obstructions to the fuel flow.

(2) Remove and blow through fuel cock checking that the cock operates normally without restricting the fuel flow.

(3) Remove the fuel tank and:

(a) Ensure that there is no loose paint in the immediate vicinity of the tank filler cap any remaining paint that may work loose during the fitting or removing of the fuel cap should be removed using a medium roughness abrasive cloth. Thoroughly clean the area of all residual grit.

(b) Flush out the fuel tank using clean fuel also checking that there are no obstructions by blowing through the pick-up and vent pipes.

(4) Check the fuel filter bowl bleed screw 'O' rings for signs of perishing and replace as necessary.

(5) During the refitting of components after the above operations have been carried out it is essential that all jubilee clips sealing the joints in the fuel system are tightened sufficiently to ensure air tightness.

MATERIAL REQUIRED:

If required:

2 off 5mm I/D fuel resistant sealing washers.
1 off 1/2" Jubilee clip.

AVAILABILITY OF PARTS:

Ex Factory.

EFFECTIVITY DATE:

Immediate

SUMMARY:

(i) ATTENTION IS DRAWN TO THE OPERATORS HANDBOOK REF:

PARA. 6.3. RE. FULL POWER CHECK BEFORE TAKE OFF.

PARA. 9.1 (Pegasus Flash 1 and 2) PARA. 9.7. (Pegasus XL-R) RE. FUEL SYSTEM INSPECTION SCHEDULES.

PARA 12. RE. FILTERED FUEL ONLY TO BE ADDED TO THE FUEL TANK.

(ii) Shortly, the availability of a modification to the fuel system incorporating a removable pick-up pipe fitted with an end strainer will be announced.

(iii) Should operators be in any doubt or in any way uncertain as to the correct procedures for carrying out the contents of this bulletin do not hesitate to contact either your selling agent or contact Solar Wings.

For details of points (ii) and (iii) contact either your selling dealer or Solar Wings direct on:

Marlborough (0672) 54414

If you are not in possession of the affected aircraft, please forward this information to the current owner.