

SERVICE BULLETIN

No. 0014

Date. 27th April 1987.

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SOLAR WINGS HAVE CLASSIFIED THIS SERVICE BULLETIN AS COMPULSORY.

SUBJECT: Fuel Tank Venting System.

MODELS AFFECTED:SERIAL Nos AFFECTED

PEGASUS XL-R.
PEGASUS FLASH.
PEGASUS FLASH 2.

ALL SERIAL No's.
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"

COMPLIANCE TIME: Before next engine start.

PURPOSE:

A field report has been received of an aircraft with its fuel tank 'brim full' and a further 25 litres of fuel in the rear passenger seat, catching fire whilst taxiing to its intended take-off point. The extent of the damage sustained was considerable, and will probably preclude any chance of pin pointing the actual cause. However, the aircraft was fitted with a non-standard battery and rectifier placed immediately above the fuel tank and below the fuel tank vent. Apart from the obvious questions raised about the fitting of non-standard components and the carrying of excess fuel, it is felt that the fuel tank venting system could be modified to cover situations where the tanks have been over filled and the aircraft is being taxied over rough ground. Accordingly, affected aircraft are to be modified as outlined in this service bulletin.

INSTRUCTIONS:

- i. Remove the plastic Tie-Wraps attaching the vent pipe to the monopole.
- ii. Cut the vent pipe in two 350mm down from the top of the straightened vent pipe 'U' bend.
- iii. Route the lower part of the vent pipe as outlined in Fig 1.
- iv. Connect the remainder of the system as outlined in Fig. 1.
- v. Arrange the 'U' bend as outlined in Fig.2.

Note. When re-fitting the vent tube, ensure that the shoulder restraint webbing is not trapped between the vent pipe and the monopole.

MATERIAL REQUIRED:

- | | |
|---|---------------------------------|
| 1 | Fuel Pipe 'T' Piece. |
| 1 | Fuel Tank Vent Pipe Drain Tube. |
| 4 | Large Tie-Wraps. |
| 4 | Small Tie-Wraps. |
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SPECIAL TOOLS REQUIRED: N/A

AVAILABILITY OF PARTS AND SPECIAL TOOLS: Ex Factory.

EFFECTIVITY DATE: Immediate.

SUMMARY:

(i) Even with the modified vent system fitted, aircraft fuel tanks should not be over filled.

(ii) If in doubt contact your nearest dealer or phone Solar Wings Direct on:

Marlborough (0672) 54414

(iii) If you are no longer in possession of the affected aircraft, please inform the factory of change of ownership details, and forward this information to the current owner.

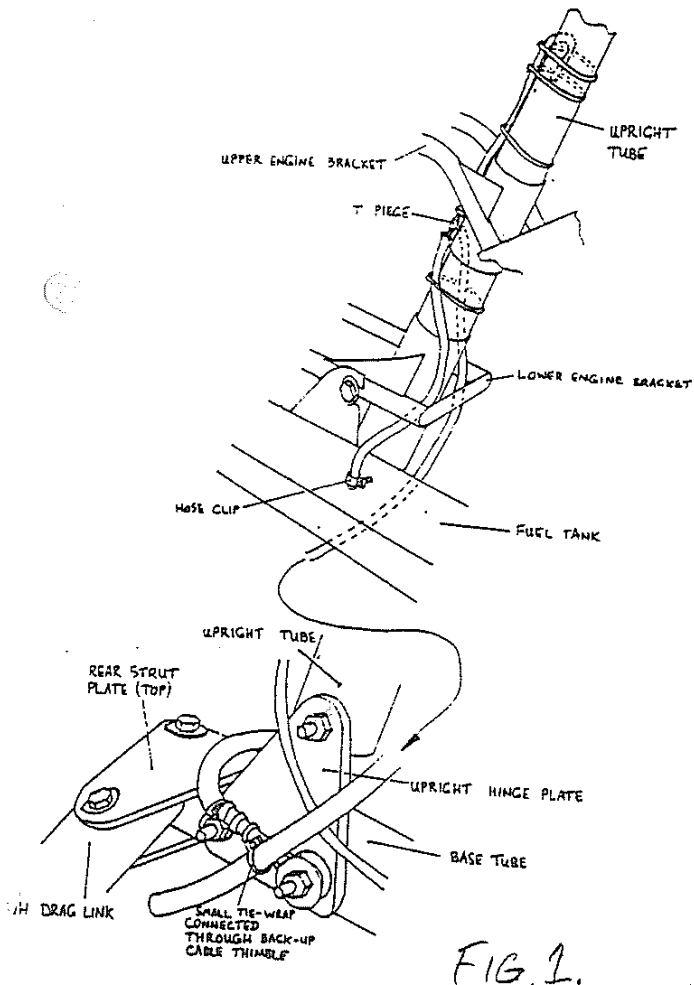


FIG. 1.

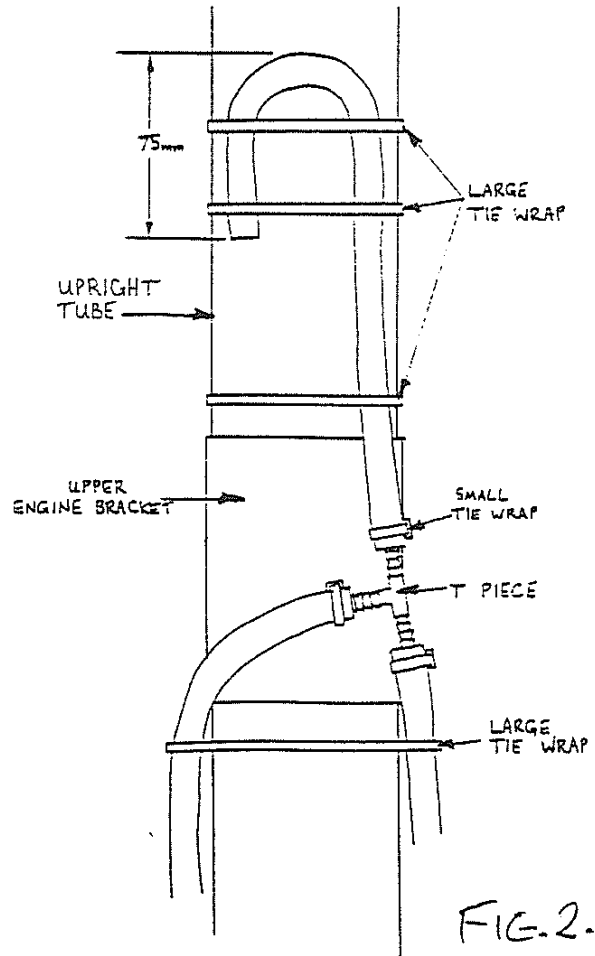


FIG. 2.