

SOLAR WINGS LTD.

SERVICE BULLETIN

no. 0026

Date : 22/09/89

SUBJECT : Monopole Length.

MODELS AFFECTED :

Pegasus XL-R Liquid Cooled

SERIAL Nos AFFECTED :

All Serial Nos.

CLASSIFICATION :

The content of this Service Bulletin has been classified by the CAA as Mandatory.

COMPLIANCE TIME :

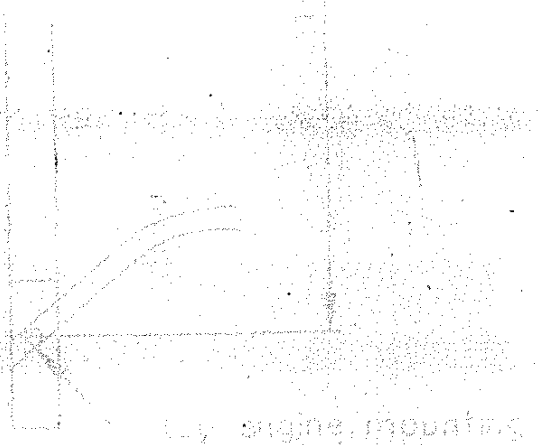
Before next flight.

PURPOSE : Due to a manufacturing error there is one known case of a liquid cooled Pegasus XL-R being manufactured with the monopole specified for an air cooled Pegasus XL-R. While it is not believed that this has occurred more than once, there is also one known case of a liquid cooled Pegasus XL-R being repaired by a non Solar Wings approved workshop to air cooled XL-R standard in respect of the monopole. The air cooled XL-R monopole is 40mm shorter than the liquid cooled XL-R monopole.

Having a monopole that is too short reduces the minimum clearance between the propeller and the lower rear rigging wires to an unacceptably low value (~15mm).

In order not to violate the conditions of the Permit to Fly it is essential to restore any other aircraft exhibiting this error to the correct build standard before further flying is undertaken.

INSTRUCTIONS : Measure the length of the monopole tube from the top engine mounting bolt to the top of the monopole as shown in the sketch below with a tape measure. The correct length is 1485mm. In the event of the measurement differing from this, the monopole must be replaced with the correct part prior to the next flight.



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AVAILABILITY OF PARTS :

Ex - Factory.

EFFECTIVITY DATE :

Immediate.

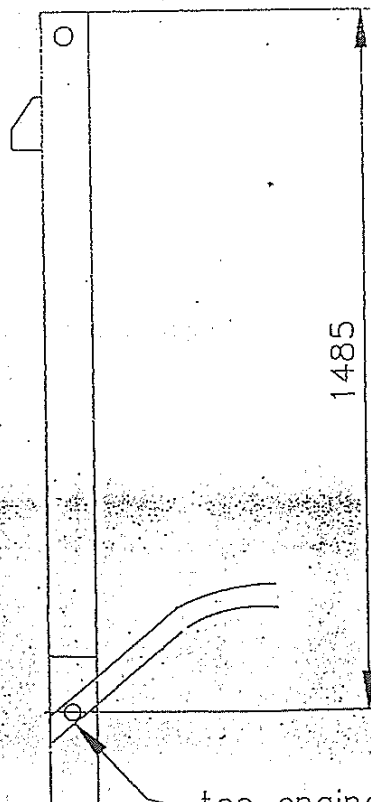
W. G. Brooks (Chief Designer).



If in doubt contact your nearest dealer or phone Solar Wings direct on :

Marlborough (0672) 55066

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.



liquid cooled XL-R
monopole dimension
as shown from top
edge to bolt centre.
(air cooled version
40mm shorter).

top engine mounting bolt.