

SOLAR WINGS AVIATION LTD

SERVICE BULLETIN no. 0040

Date 10/6/93

SUBJECT :

Trim Cable.

MODELS AFFECTED :

02 wing.

CLASSIFICATION :

Compulsory.

COMPLIANCE TIME :

Before next flight.

PURPOSE :

A batch of trim cables has been produced where the effective length of the cable is too short. The effect of this is to restrict the upper trim speed. The upper trim speed should be 60mph \pm 3mph. This service bulletin also draws attention to the fact that the trim indicator is set by the factory at an approximate setting. It should be adjusted to indicate the correct takeoff trim setting of approximately 50mph by the series test pilot.

ACTION :

1) For wings that are already test flown:

When the maximum trim speed is selected, the trim cable should become slack even at solo pilot loading. If it does not, then top speed will be restricted because the cable is too short. Replace the cable.

2) For brand new wings:

Measure the effective length as defined in the sketch by tape measure. If it is less than 230mm, then replace the cable.

In both cases, when a new trim cable is fitted the wing must be test flown and the trim indicator set to show "takeoff" at a trim speed of 50mph.

W. G. Brooks (Chief Designer).



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CHECK DIMENSION AS SHOWN

