

Date 15/11/91

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SUBJECT :

Conversion of Quasar to Quasar-TC

MODELS AFFECTED :

Pegasus Quasar.

CLASSIFICATION:

Optional

PURPOSE :

The Pegasus Quasar may be modified to Quasar-TC standard, giving approximately 5 b.h.p. more power, from 43 to 48 b.h.p. at 6500 rpm. Either A) the existing Rotax-503-1v single Bosch ignition engine can be modified to twin carburetter operation, or B) an alternative Rotax-503-2v-2cdi engine can be fitted which is equipped with dual Ducati electronic ignition units.

The modification gives approximately 100fpm improvement in climb performance, together with noticeably better takeoff performance.

The RPM in cruising flight is also reduced, giving better engine life.

IMPLEMENTATION:

Pegasus modification 0081 details the conversion of the aircraft to TC standard. The modification is available either at the Factory or at a Factory approved facility.

The modification involves carburetter jetting changes, and an increase in propeller pitch to 15 degrees.

When the modification is completed, the aircraft is then a Quasar-TC and a new permit to fly for the TC type will be issued.

For further details please contact John Fack at Solar Wings, tel. 0672-515066.