

Date. 11th August 1987.

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SERVICE AND OPERATIONAL INFORMATION.

SUBJECT: Engine Attachment Bolts on Pegasus Photon 210.MODELS AFFECTED:
PEGASUS PHOTON 210SERIAL Nos AFFECTED
ALL SERIAL No's.COMPLIANCE TIME: Before next flight.

PURPOSE: An operator recently reported that two of the 10mm bolts attaching the engine to the to the transmission bearing plate had fallen out and the two remaining bolts had sheared. A probable cause of the incident was excessive vibration due to the idle speed being set to low. With the uneven running and attendant vibration encountered on most single cylinder two strokes it is advisable that the tick-over rpm. is set set at around 900 or until a smooth idle speed is obtained. It should be remembered that excessive vibration over long periods will lead to early fatigue of components.

INSTRUCTIONS:

1. Check that the transmission bearing housing to engine bolts are torqued to a setting of:

18 - 20 ft lbs

2. Check that the idle speed is set at around 900 rpm so that vibration is at a minimum.

MATERIAL REQUIRED:

N/A

SPECIAL TOOLS REQUIRED:

Torque Wrench.

AVAILABILITY OF PARTS AND SPECIAL TOOLS: Ex-Factory.EFFECTIVITY DATE:

Immediate

SUMMARY:

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

Marlborough (0672) 54414/53598

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