

COMMONWEALTH OF AUSTRALIA

DEPARTMENT OF TRANSPORT

AIRWORTHINESS DIRECTIVE POWERED SAILPLANES: G.F.A. AD/124 Pieper Engine  
Manufacturers TN 3/3

1. TYPE AFFECTED: Falke fitted with Stark Stamo MS 1500 motors serial numbers MS 1500/1 and MS 1500/2.

SUBJECT: Allowable in service period of power and oil hoses according to LN 9226 fire retarding must be replaced prematurely.

- a) when textile braiding separates from inner hose or wire reinforcing respectively.
- b) when pronounced hardening of hose and pressure spots or deep scouring develops.
- c) when there is evidence of sweating at the junction of hose and hose nipple and when instrument connections are not tight.

Hoses must be visually examined every 100 operating hours.

REMARKS: This technical note applies only to those fire retarding hoses fitted to the engine which comply with LN 9226.

2. SUBJECT: Use of HELI-COIL spark plug inserts on aero engine STARK STAMO MS 1500 serial numbers MS 1500/1 and MS 1500/2

PREAMBLE: Inspection during dismantling of STARK STAMO MS 1500 has established that in several engines spark plug thread sleeves or HELI-COIL thread inserts were incorrectly installed.

ACTION: Spark plug thread sleeves must not be installed since sleeves lead to an increased plug temperature. Only HELI-COIL THREAD INSERTS with toothed ends may be installed and only then by people authorised for such modification.

COMPLIANCE: This AD is mandatory and is issued pursuant to Air Navigation Regulations under the delegated authority of the Secretary of the Department of Transport.

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