

Airworthiness Directive

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DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 39

Amendment 39-3363; AD 78-25-03

Airworthiness Directives; THE DEUTSCH COMPANY, METAL COMPONENTS DIVISION: Applies to P/N 94B0100004F0160 and 94F0100004F0166 Hose Assemblies Marked With Identification 4Q77 or 1Q78
PDF Copy (If Available):

▼ Preamble Information

DATES: Effective January 15, 1979.

▼ Regulatory Information

78-25-03 THE DEUTSCH COMPANY, METAL COMPONENTS DIVISION: Amendment 39-3363. Applies to P/N 94B0100004F0160 and 94F0100004F0166 hose assemblies marked with identification 4Q77 or 1Q78 which may be installed on various aircraft but which are known to be installed on Piper Models PA-23-250, PA-28R-180, PA-28R-200, PA-28R-201, PA-28R-201T, PA-31, PA-31-300, PA-31-325, PA-31-350, PA-31P, PA-31-TI, PA-31-T, PA-34-200T, and PA-44-180 aircraft.

NOTE 1: Hose P/N and manufacturing date codes (e.g. 4Q77 and 1Q78) are shown on a metal tag attached to the hose assemblies.

a) Deutsch P/N 94B0100004F0160 is Piper P/N 17766-27, TSO C-53a Type A.

b) Deutsch Part No. 94F0100004F0166 is Piper P/N 63901-41, TSO C-53a Type C.

Compliance required as indicated, unless already accomplished.

To prevent an unsafe condition in the various aircraft systems in which these hoses may be installed, accomplish the following:

A. Within the next ten hours time in service after the effective date of this (AD), inspect to determine if hose assembly P/N 94B0100004F0160 or 94F0100004F0166 with manufacturing date 4Q77 or 1Q78 is installed.

B. If the hose assemblies as in A above are not installed no further action is required by this (AD).

C. If the hose assemblies in A above are installed, prior to further flight,

(1) Remove and replace hose assemblies.

(2) Check system for contamination. Purge system if evidence of contamination is found.

NOTE 2: Piper Service Bulletin No. 611 refers to purging procedures for Piper Models PA -28, -34, and -44. Piper Service Bulletin No. 629 refers to purging procedures for Piper Models PA-31 and PA-23.

NOTE 3: The following is a list of Piper Model, Serial Nos. and hose application which are believed to have suspect hoses installed. Possible hose application is not limited to this list.

<u>Model</u>	<u>Serial Number</u>	<u>Application</u>	<u>Qty. of hoses</u>
PA-23-250 Aztec F	27-7854007 thru 27-7954018	Pressure nose gear cylinder up and pressure anti-retract valve	2
PA-28R-180	Possible Retrofit	NLG actuating cylinder	2
PA-28R-200	Possible Retrofit	NLG actuating cylinder	2
PA-28R-201	78-37105 thru 78-37317	NLG actuating cylinder	2
PA-28R-201T	78-03154 thru 78-03372	NLG actuating cylinder	2
		Manifold pressure at left hand rear of engine	1
PA-31	31-1 thru 31-7812122 and 31-5001 thru 31-7852166	Main landing gear actuating cylinders	2
PA-31-300	Possible Retrofit	Main landing gear actuating cylinders	2
PA-31-325 Navaho C/H	31-7812016 thru 31-7912004	Main landing gear actuating cylinders	2
PA-31-350 & PA-31-P	Possible Retrofit	Main landing gear actuating cylinders	2
PA-31TI Cheyenne I	31T-7804001 thru 31T-7904006	Main landing gear actuating cylinders	2

PA-31T Cheyenne, Cheyenne II	31T-77200069 thru 31T-7920012	Main landing gear actuating cylinders	2
PA-34-200T	78-70100 thru 78-70474	Fuel drains	4
PA-44-180	79-95001 thru 79-95127	Engine oil pressure line at filter	2

D. Special flight permits may be issued in accordance with FARs 21.197 and 21.199 to operate aircraft to a base for the accomplishment of the inspection required by paragraph A of this AD.

E. Equivalent inspections and repairs may be used when approved by the Chief, Aircraft Engineering Division, FAA Western Region.

F. Upon submission of substantiating data, through an FAA Aviation Safety Inspector, the Chief, Aircraft Engineering Division, FAA Western Region may adjust the compliance time for hose replacement.

This amendment becomes effective January 15, 1979, for all persons except those to whom it was made effective by priority message dated October 27, 1978.

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