

AIRWORTHINESS DIRECTIVES FINAL RULES: 81-19-04

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AMENDMENT: 39-4214

AD NUMBER: 81-19-04

SUBJECT HEADING: Airworthiness Directives; RAJAY INDUSTRIES, INC. Hose Assembly Applies to All Affected Aircraft, Certificated in All Categories

ACTION:

SUMMARY:

DATES: Effective September 17, 1981.

ADDRESSES:

FOR FURTHER INFORMATION CONTACT:

SUPPLEMENTARY INFORMATION:

REGULATORY TEXT:

81-19-04 RAJAY INDUSTRIES, INC.: Amendment 39-4214. Applies to all affected aircraft, certificated in all categories modified per Rajay Supplemental Type Certificates

Aircraft Model	Rajay STC No.
Aerocommander 500-A	STC SA683WE
Aerocommander 500-B, 500-S & 500-U	STC SA529WE
Beech H35, J, K, M, N & P, and 35-33, 35-A33, 35-B33, 35-C33, E33 & F33	STC SA1252WE
Beech S35, V35, V35A, V35B, 35-C33A, E33A, E33C, F33A, F33C	STC SA2556WE
Beech 95, B95, B95A, D95A & E95	STC SA153SO
Britten Norman Islander, BN-2, BN-2A, BN-2A-6, BN-2A-8, BN-2A-9	STC SA2243WE
Cessna 180-A, B, C, D, E, F, G, H & J	STC SA1157WE
Cessna 182-A, B, C, D, E, F, G, H, J, K, L, M, N & P	STC SA1032WE
Cessna 210-A, B, C, 210-5(205), 210-5A(205A)	STC SA1098WE

Cessna 310-C, D, E, F & G	STC SA2383SO
Cessna 310-I and J	STC SA181SO
Evangel 4500-300	STC SA2657WE
Evangel 4500-300, Series II	
Helio Courier H-295	STC SA156SO
Helio Courier H-395	STC SA125SO
Lake 4 and 4A	STC SA2270WE
Lake 4-200	STC SA2990WE
Mooney 20A, M20B, M20C, M20D & M20G	STC SA1156WE
Mooney 20E & M20F	STC SA1411WE
Mooney 20J	STC SA3555WE
Piper PA-23-160, Apache	STC SA1260WE
Piper PA-23-160, Apache	STC SA4-1637-WE
Piper PA-23-235, -250, Aztec "B"	STC SA539WE
Piper PA-23-250, Aztec "C"	STC SA840WE
Piper PA-24-250, Comanche	STC SA811WE
Piper PA-24-400, Comanche	STC SA2359WE
Piper PA-30 & 39, Twin Comanche	STC SA787WE
Piper PA-32-260, Cherokee	STC SA1557WE
Piper PA-32R-300, Lance	STC SA3513WE
Piper PA-34-200, Seneca	STC SA2937WE

Compliance required as indicated, unless already accomplished.

To prevent failure of the powerplant hoses carrying air, fuel and/or oil and resultant fire hazard, accomplish the following:

(a) Within 100 hours' time in service from the effective date of this AD, or prior to return to service after the next annual inspection, whichever occurs first, visually inspect the powerplant fuel, air and oil hose assemblies listed in Rajay Service Letter No. 28 dated August 3, 1981 to determine the general condition and age of the hose assemblies based upon the metal plate attached to the hose, and;

- 1) If the hose assembly is five years old or older, replace with like serviceable part prior to further flight.
 - 2) If the hose assembly does not have a metal tag and the age cannot be determined, replace with like serviceable part prior to further flight.
 - 3) Record hose ages in the aircraft engine log book and establish a replacement schedule for affected hoses such that a five year life will not be exceeded.
 - 4) If the hose assembly is deteriorated (regardless of age), replace with like serviceable part prior to further flight.
- (b) Special flight permits may be issued in accordance with FAR 21.197 and 21.199 to operate aircraft to a base for the accomplishment of inspections or modifications required by this AD.
- (c) Alternative inspections, modifications or other actions which provide an equivalent level of safety may be used when approved by the Chief, Engineering and Manufacturing Branch, FAA Western Region.

The manufacturer's specifications and procedures identified and described in this directive are incorporated herein and made a part hereof pursuant to 5 U.S.C. 553(a)(1). All persons affected by this directive, who have not already received these documents from the manufacturer, may obtain copies upon request to Rajay Industries, Inc., 2600 East Wardlow Road, P.O. Box 207, Long Beach, California 90801, telephone (213) 426-0346. A historical file on this AD, which includes the incorporated material in full, is maintained by the FAA at its Headquarters in Washington, D.C. and at FAA Western Region Office.

This amendment becomes effective September 17, 1981.

FOOTER: