



## Airworthiness Directive

### ▶ Federal Register Information

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DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 39

Amendment 39-3570; AD **79-04-05**

AVCO LYCOMING All fuel injected Lycoming series engines

**PDF Copy (If Available):**

### ▼ Preamble Information

AGENCY: Federal Aviation Administration, DOT

DATES: Effective September 26, 1979.

### ▼ Regulatory Information

**79-04-05 AVCO LYCOMING:** Amendment 39-3418 as amended by Amendment 39-3570. Applies to all fuel injected Lycoming series engines equipped with the following Bendix Injector Models and Parts List Numbers:

Model	Parts List and Issue	Serial Numbers
RSA-5AB1	2524254-4 2524712-1	63758 thru 65862 63503 thru 66027
RSA-5AD1	2524054-4	62999 thru 66249
	2524147-6	65988 thru 65997
	2524171-4	64961 thru 65060
	2524213-4	61032 thru 66290
	2524291-4	63678 thru 65867
	2524297-3	64428 thru 64432
	2524307-3	64828 thru 66854
	2524335-3	65721 thru 66920
	2524359-3	62401 thru 65412
	2524450-2	61392 thru 65987
	2524550-1	64635 thru 65887
	2524673-1	63643 thru 64265
	2524682-1	65071 thru 65499
	2524723-1	61928 thru 65231
	2524469(B)	64915 thru 65338
RSA-10AD1	2524163-7	63742 thru 65720
	2524175-3	63399 thru 66941

and to all Lycoming fuel injected engines irrespective of parts list number or serial number whose Bendix Injector Models RSA-5AD1, RSA-5AB1, and RSA-10AD1 have been overhauled by a Bendix Authorized Warrant Repair Station or by AVCO Lycoming between April 1, 1977, and August 14, 1978, and to all Lycoming fuel injected engines irrespective of parts list number or serial number, whose Bendix Models RSA-5AB1, RSA- 5AD1, and RSA-10AD1 fuel injectors have been overhauled after March 31, 1977, by repair stations other than the above in which the fuel diaphragm has been replaced with a new P/N 2529471 diaphragm assembly.

Compliance required within the next 10 hours in service after the effective date of this AD, unless previously accomplished.

To prevent an in-flight power loss due to the separation of the P/N 2529192 regulator diaphragm stem assembly, the P/N 2529471 regulator diaphragm assembly must be removed, inspected, and replaced if necessary, in accordance with the Accomplishment Instructions listed in Bendix Energy Controls Division Service Bulletin No. RS-57 Rev. 1 or FAA approved equivalent.

Equivalent methods of compliance must be approved by the Chief, Engineering and Manufacturing Branch, Federal Aviation Administration, Eastern Region. Upon submission of substantiating data by an owner or operator through an FAA Maintenance Inspector, the Chief, Engineering and Manufacturing Branch, FAA Eastern Region may adjust the compliance time specified in this AD.

NOTE: AVCO Lycoming Service Bulletin No. 433A also pertains to this subject.

Amendment 39-3418 was effective February 26, 1979.

This Amendment 39-3570 is effective September 26, 1979.

### ▼ **Footer Information**

### ▼ **Comments**