



Airworthiness Directive

▶ Federal Register Information

▼ Header Information

DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 39

Amendment 39-6378; AD **89-13-02**

TEXTRON LYCOMING Model HIO-360-D1A Engines

PDF Copy (If Available):

▼ Preamble Information

DATES: Effective November 30, 1989.

▼ Regulatory Information

89-13-02 TEXTRON LYCOMING: Amendment 39-6378. Final Rule of Priority Letter AD.

Applicability: Textron Lycoming Model HIO-360-D1A engines, certificated in any category, equipped with Bendix Model RSA-7AA Servo Fuel Injectors, P/N 2524347, with the following serial numbers:

70001101 through 70001110

70001401 through 70001404
 70001602 through 70001604
 70001701 through 70001710
 70007001 through 70007110 (except 70007107, 70007108)
 70010104 through 70010110 (except 70010107)
 70013701 through 70013710 (except 70013706)
 70013802 through 70013810 (except 70013803, 70013809)
 70013903 through 70013910 (except 70013909)
 70014001 through 70014009 (except 70014002, 70014005, 70014007, 70014008)
 70014101 through 70014104 (except 70014102, 70014103)

Serial numbers followed by the letter "P" are in compliance with this AD.

These fuel injectors are installed on, but not necessarily limited to, Schweizer Aircraft Corp. Helicopter Model 269C.

Compliance: Required within 5 hours time in service after the effective date of this AD, unless already accomplished.

To prevent loss of engine power or engine stoppage, accomplish the following:

(a) Remove the fuel injector unit from the engine and replace with an unaffected unit or one that has been repaired in accordance with the accomplishment instructions in Appendix I to this AD.

NOTE: Injector units may be returned to Precision Airmotive Corp. or an authorized facility listed in Appendix II to this AD.

(b) Install unaffected fuel servo unit or a unit repaired in accordance with Appendix I to this AD, as follows:

- (1) Disconnect fuel injection lines from fuel injection nozzles.
- (2) Carefully remove inserts from nozzles and identify to allow the inserts to be reinstalled in the proper location.
- (3) Use CLEAN shop air to blow out all fuel injection lines, inserts, and nozzle bodies (still installed in cylinder).
- (4) Visually inspect inserts for cleanliness.
- (5) Reinstall fuel injector and reconnect fuel lines to fuel injector but do not reconnect to nozzles.
- (6) Purge fuel injector system by flowing fuel through the lines for 10 seconds with boost pump on, injector in full rich and full throttle.
- (7) Reinstall inserts in original nozzle locations and torque fuel injector line nuts to 40-50 in.-lbs.
- (8) Make appropriate mixture and idle adjustments per aircraft manufacturer's applicable Maintenance Manual and/or appropriate service publications.

NOTE: Precision Airmotive Service Bulletin (SB) PRS-92, dated May 26, 1989; Precision Airmotive Service Information Letter #31, Revision 1, dated May 26, 1989; Schweizer Aircraft Corp. Special Advisory, dated May 25, 1989; Schweizer Aircraft Corp. Service Notice N-202, dated February 23, 1989; and Textron Lycoming SB No. 485, dated June 1, 1989, contain related information.

(c) Aircraft may be ferried in accordance with the provisions of Federal Aviation Regulations 21.197 and 21.199 to a base where the AD can be accomplished.

(d) Upon submission of substantiating data by an owner or operator through an FAA Airworthiness Inspector, an alternate method of compliance with the requirements of this AD or adjustments to the

compliance schedule specified in this AD may be approved by the Manager, New York Aircraft Certification Office, Engine and Propeller Directorate, Aircraft Certification Service, Federal Aviation Administration, Room 202, 181 South Franklin Avenue, Valley Stream, New York 11581.

This amendment (39-6378, AD **89-13-02**) becomes effective on November 30, 1989, as to all persons except those persons to whom it was made immediately effective by priority letter AD No. **89-13-02**, issued on June 22, 1989, which contained this amendment.

APPENDIX I

NOTE: Precision Airmotive Corporation Service Information Letter #31, Rev. 1, dated May 25, 1989, pertains to this inspection.

APPENDIX II

NOTE: List of Precision Airmotive Corporation Product Support Centers, pertains to this AD.

▼ Footer Information

▼ Comments