



## Airworthiness Directive

### ▶ Federal Register Information

### ▼ Header Information

DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 39

Amendment 39-4886; AD **84-13-05**

AVCO LYCOMING Models AIO-360-A1A, -A2A, -A1B, -A2B, -B1B; AEIO-360-A1A, -A1B, -A1B6, -A2A, -A1C, -A2C, -A1D, -A1E, -A2B, -B1B, -B1D, -B1F, -B1F6, -B2F, -B2F6, -B4A, -H1A Engines  
**PDF Copy (If Available):**

### ▼ Preamble Information

DATES: Effective July 16, 1984.

### ▼ Regulatory Information

**84-13-05** AVCO LYCOMING: Amendment 39-4886. Applies to engine models AIO-360-A1A, -A2A, -A1B, -A2B, -B1B, all with serial numbers up to and including L-257-63A, engine models AEIO-360-A1A, -A1B, -A1B6, -A2A, -A1C, -A2C, -A1D, -A1E, -A2B, -B1B, -B1D, -B1F, -B1F6, -B2F, -B2F6, -B4A, -H1A, all with serial numbers up to and including L-23521-51A. Also all of the above models,

remanufactured by Lycoming which were shipped before June 1, 1983, regardless of serial numbers. Engine models above, the affected serial numbers and remanufactured engines shipped on or after June 1, 1983, incorporate a redesigned crankshaft and are not subject to this AD.

Compliance is required as indicated unless already accomplished:

To preclude the possibility of in-flight propeller flange separation, accomplish either (a) or (b) or (c).

(a) Within the next 25 hours time in service and every 25 hours time in service thereafter, visually inspect the crankshaft flange in accordance with Inspection Procedure I specified in AVCO Lycoming Service Bulletin No. 465A, or FAA approved equivalent. Use a 10 power magnifying glass for the inspection procedure.

(b) Within the next 25 hours time in service and every 100 hours time in service thereafter, comply with Magnaflux Inspection Procedure II specified in AVCO Lycoming Service Bulletin No. 465A or FAA approved equivalent.

(c) The inspections required under (a) or (b) may be discontinued when the crankshaft is replaced with a redesigned crankshaft in accordance with Procedure III specified in AVCO Lycoming Service Bulletin No. 465A or FAA approved equivalent.

(d) An equivalent method of compliance with this AD may be used if approved by the Manager, New York Aircraft Certification Office, FAA, New England Region.

(e) Upon submission of substantiating data by an owner or operator through an FAA maintenance inspector, the Manager, New York Aircraft Certification Office, may adjust the compliance time specified in this AD.

(f) In accordance with FAR 21.197 and 21.199, the aircraft may be flown to a location where the inspections or alterations required by this AD can be performed.

AVCO Lycoming S/B No. 465A identified in this directive is incorporated herein and made by reference a part hereof pursuant to 5. U.S.C. 552(a)(1). All persons affected by this directive who have not already received these documents may obtain copies upon request to AVCO Lycoming Williamsport Division, 652 Oliver Street, Williamsport, Pennsylvania 17701. These documents may also be examined at the Office of Regional Counsel, FAA New England Regional Office, 12 New England Executive Park, Burlington, Massachusetts 01803. A historical file on this AD is maintained at the New England Regional Office.

This amendment becomes effective on July 16, 1984.

## ▼ Footer Information

## ▼ Comments