

## Airworthiness Directive

### ▶ Federal Register Information

#### ▼ Header Information

DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 39

**AD 47-20-03**

Airworthiness Directives; ERCO Model All 415 Series Aircraft  
**PDF Copy (If Available):**

#### ▼ Preamble Information

AGENCY: Federal Aviation Administration, DOT

#### ▼ Regulatory Information

**47-20-03 ERCO:** (Was Mandatory Note 11 of AD-718-6.) Applies to All 415 Series Aircraft Ercoupes Up to and Including Serial Number 3642 Which Incorporate Fuel Pumps With a Metal Filter Bowl, and Bearing AC P/N 1539076 on the Pump Mounting Flange.

Inspection to be accomplished immediately, alteration to be made not later than the next periodic inspection.

Inspect immediately and at each 25 hours thereafter until the following alteration is completed, the fuel pump lines near the pump for failure and leakage due to chafing.

Alter fuel pump lines not later than next periodic inspection as follows:

Remove the fuel pump top and rotate it 120 degrees clockwise (two screwholes from the original position). Replace the pump inlet port fittings with AN 842-4D elbow and the outlet port fittings with (415-48101-40) elbow having 1/16-inch restriction. Drill two 3/4-

inch diameter holes in right front engine cooling baffle and install grommets (AN 931-9-13). Route fuel pump hoses through respective holes; shorten outlet hose (415-48101-2) and install fuel pump hose (415-48101-2 and 415-48101-3) onto respective elbows securing them with two hose clamps (AN 746-4). Safety-wire clamps. Close extra unused hole in baffle with button plug (415-40589-1) or equivalent. (Erco Service Department Memorandum No. 42 dated January 9, 1947, covers this same subject.)

▼ **Footer Information**

▼ **Comments**

**[FAA.gov Home](#) | [Privacy Policy](#) | [Web Policies & Notices](#) | [Contact Us](#) | [Help](#)**

**Readers & Viewers:** [PDF Reader](#) | [MS Word Viewer](#) | [MS PowerPoint Viewer](#) | [MS Excel Viewer](#) | [WinZip](#)