



EASA Safety Information Notice

No.: 2008-32

Issued: 16 April 2008

Subject: **Parts for Piper Comanche (PA-24, all models) and Twin Comanche (PA-30 and PA-39) aircraft that have been improperly repaired, maintained or overhauled and returned to service**

Ref. Publication: FAA Unapproved Parts Notification (UPN) No. 2008-S20070083021.

Introduction: The Federal Aviation Administration (FAA) has published the referenced UPN (attached as pages 2 and 3 of this notice) as a result of an investigation that revealed that certain fuel selector valves, landing gear transmissions, flap transmissions, landing gear motors and armatures, flap motors and armatures, heater regulator valves, Delco generators, Weldon boost pumps, and Airborne fuel selector valve/filter assembly (part number 1H7-x), destined for installation in Piper Comanche and Twin Comanche aircraft, have been improperly repaired, maintained or overhauled and returned to service, contrary to regulations.

Applicability: Parts held as spares and identified in the attached FAA UPN; and any Piper PA-24, PA-30 and PA-39 series aircraft which have the affected parts, as identified in the attached FAA UPN, installed.

Recommendation: This Safety Information Notice is for information only.

Contact: For further information contact the Airworthiness Directives, Safety Management and Research Section, Certification Directorate, EASA.
E-mail: ADs@easa.europa.eu .

UNAPPROVED PARTS NOTIFICATION

Flight Standards Service



FAA
Aviation Safety

No.: 2008-S20070083021

Date: March 27, 2008

<http://www.faa.gov/aircraft/safety/programs/sups/upn>

AFFECTED PRODUCTS

Piper Comanche aircraft (all models) and Twin Comanche aircraft (all models) fuel selector valves, landing gear transmissions, flap transmissions, landing gear motors and armatures, flap motors and armatures, heater regulator valves, Delco generators, Weldon boost pumps, and Airborne fuel selector valve/filter assembly (part number 1H7-x).

PURPOSE

This notification advises all aircraft owners, operators, manufacturers, maintenance organizations, parts suppliers, and parts distributors regarding aircraft parts sold, repaired, or overhauled by Robert A. Weber and/or Johnathan F. Regier, d.b.a. Webco Aircraft Company.

BACKGROUND

Information received during an FAA suspected unapproved parts investigation revealed that Robert A. Weber, and/or Johnathan F. Regier d.b.a. Webco Aircraft Company, located at 1134 North Oliver Road, Hangar G, Newton, Kansas 67114, maintained and altered Piper Comanche aircraft (all models) and Twin Comanche aircraft (all models) landing gear transmissions, flap transmissions, landing gear motors or armatures, flap motors or armatures, heater regulator valves, Weldon boost pumps, and Airborne fuel selector valve/filter assembly (part number 1H7-x) contrary to the regulations. Webco Aircraft is a noncertificated repair facility. Robert A. Weber and Johnathan F. Regier both hold mechanic certificates with airframe and powerplant ratings. The FAA has not been able to determine the number of affected parts or the exact time span the improper maintenance occurred. Discrepancies include, but are not limited to the following:

1. Approving for return to service parts described as having been repaired and altered without using methods techniques and practices acceptable to the Administrator.
2. Plating and approving for return to service corroded and worn parts without using data approved by the Administrator.
3. Altering and/or modifying landing gear and flap motor armatures without using approved data.
4. Installing unapproved, "off the shelf" bearings and roller balls in landing gear and flap transmissions as well as Weldon boost pumps.
5. Using Cessna flap transmissions used parts with no traceability in the repair of Piper flap transmissions.
6. Using parts with no traceability in the repairs; and
7. Failing to use proper test equipment in making airworthiness determinations for return to service of the listed products.

RECOMMENDATIONS

Regulations require that type-certificated products conform to their type design. We encourage aircraft owners, operators, manufacturers, maintenance organizations, parts suppliers, and parts distributors to inspect their aircraft, aircraft records and/or aircraft parts inventory for the referenced parts which may have been sold, repaired or altered by Webco Aircraft Company, Robert A. Weber and/or Johnathan F. Regier. If you find any of these affected parts installed on any aircraft, you should take appropriate action. If you find any referenced parts in existing inventory, we recommend quarantine to prevent installation until each part's eligibility for installation is determined.

Attached is a partial list of parts approved for return to service by Robert A. Weber and/or Johnathan F. Regier d.b.a. Webco Aircraft Company.

FURTHER INFORMATION

Further information concerning this investigation can be obtained from the FAA Flight Standards District Office (FSDO) given below. In addition to the above recommendations, the FAA would appreciate any information concerning the discovery of the referenced parts from any source, the means used to identify the source, and the actions taken to remove the parts from aircraft and/or parts inventories.

This notice originated from the FAA Wichita, Kansas FSDO, 1801 Airport Road, Suite 300, Wichita, Kansas 67209, telephone (316) 941-1240, fax (316) 941-1276.

Partial List of Parts

| Description | Part Number | Serial Number |
|--|-----------------|--------------------|
| Landing Gear Actuator and Transmission | 25720-00 | Multiple / Unknown |
| Landing Gear Actuator and Transmission | 25720-02 | Multiple / Unknown |
| Landing Gear Actuator and Transmission | 25720-03 | Multiple / Unknown |
| Flap Actuator and Transmission | 23013-00 | Multiple / Unknown |
| Flap Actuator and Transmission | 25720-04 | Multiple / Unknown |
| Landing Gear Motor | 21286-00 | Multiple / Unknown |
| Flap Motor | 475 192 | Multiple / Unknown |
| Fuel Selector Valve | 492 136 (1H7-7) | Multiple / Unknown |
| Fuel Selector Valve | 492 137 (1H7-8) | Multiple / Unknown |
| Airborne Fuel Selector Valve | 1H7-? | Multiple / Unknown |
| Heater Regulator Valve | 492-228 | Multiple / Unknown |
| Weldon Boost Pumps | Unknown | Multiple / Unknown |