

# UNAPPROVED PARTS NOTIFICATION

Aircraft Certification Service



**FAA**  
Aviation Safety

No.: 2011-20100321015

Date: January 25, 2011

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

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## **AFFECTED PRODUCTS:**

Cessna Aircraft: Models 180, 185 and 188 series aircraft.

Note: Additional Cessna aircraft models may be affected; however, specific information pertaining to these products is unknown at this time.

## **PURPOSE:**

This notification advises all aircraft owners, operators, maintenance organizations, and parts distributors, of unapproved parts that were sold that may have been installed on these aircraft and possibly others.

## **BACKGROUND:**

Information received during a Federal Aviation Administration (FAA) suspected unapproved parts (SUP) investigation indicated that TD Aerospace Machine, Inc. manufactured and sold titanium spring main landing gear assemblies, part numbers XP0741001-77 & -88, and steel spring main landing gear assemblies, part numbers PP0741001-7 & -8 without FAA approval.

TD Aerospace Machine, owned by Thomas R. Anderson, is located at the physical address: 474 Highline Drive #B East, East Wenatchee, WA 98802, and mailing address: 331 Valley Mall Pkwy #388, East Wenatchee, WA 98802. Mr. Anderson previously owned XP Modifications of Arlington, WA, which had FAA Parts Manufacturer Approval (PMA) in conjunction with the STC's listed below. PMA was cancelled for XP Modifications on March 4, 2008.

- STC SA2359NM: Installation of tail wheel assembly.
- STC SA00800SE: Installation of modified main landing gear assembly.
- STC SA01087SE: Installation of titanium main landing gear assembly in accordance with XP Modifications, Inc. Master Drawing List XP010101MDL, Revision A, dated January 28, 2003, or later FAA approved revision.
- STC SA00728SE: Installation of a Continental IO-360-C, -K, or -KB engine, a McCauley 1B235/DFC 7846 fixed pitch propeller or McCauley 2A34C203-90DCA8 constant speed propeller.

## **RECOMMENDATIONS:**

Title 14 CFR § 21.303 (a) states in part, no person may produce a replacement or modification part for sale for installation on type certificated product unless it is produced pursuant to a parts Manufacturer Approval (PMA). Further, Title 14 CFR § 21.303 (k), states that the holder of a PMA shall determine that each completed part conforms to the design data and is safe for installation on type certificated products. Aircraft owners, operators, maintenance organizations, and parts distributors should inspect their aircraft, aircraft records, and/or parts

inventories for unapproved landing gear assemblies. If unapproved landing gear assemblies are installed on aircraft, appropriate action should be taken to remove them from service. If unapproved landing gear assemblies are found in existing inventory, it is recommended that they be quarantined to prevent installation.

**FURTHER INFORMATION:**

You can obtain further information concerning this investigation, and guidance regarding the above-referenced SUP from the FAA Manufacturing Inspection District Office (MIDO) listed below. In addition to compliance with the above recommendations, we would appreciate any information concerning the discovery of TD Aerospace Machine, Inc. landing gear assemblies from any source, the means used to identify the source, and the action taken to remove them from service.

This notification originated from the FAA Seattle MIDO, 2500 1601 Lind Ave SW, Renton, WA 98057, telephone (425) 917-6661, fax (425) 917-6686.

**List of Parts**

Nomenclature	Part Number	Lot Numbers	Quantity
STC: SA01087SE Titanium spring main landing gear	XP0741001-77(left) XP0741001-88(right)	UNKNOWN	UNKNOWN
STC: SA00800SE Steel spring main landing gear assemblies	PP0741001-7(left) PP0741001-8(right)	UNKNOWN	UNKNOWN