

# UNAPPROVED PARTS NOTIFICATION



U.S. Department  
of Transportation  
**Federal Aviation  
Administration**

SUSPECTED UNAPPROVED PARTS PROGRAM OFFICE, AVR-20  
45005 AVIATION DRIVE, SUITE 214  
DULLES, VA 20166-7541

No. 1999-00154  
April 29, 2002

*UPNs are posted on the Internet at <http://www.faa.gov/avr/sups/upn.cfm>*

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Published by: FAA, AIR-140, P.O. Box 26460, Oklahoma City, OK 73125

## **AFFECTED APPLIANCES**

Aircraft appliances that were repaired, overhauled, or inspected and approved for return to service by Goodrich Aerospace Component Overhaul and Repair between March 24, 1993, and November 12, 1998.

## **PURPOSE**

The purpose of this notification is to advise all aircraft owners, operators, manufacturers, maintenance organizations, and parts distributors regarding maintenance performed by Goodrich Aerospace Component Overhaul and Repair, Federal Aviation Administration (FAA)-certificated repair station (Air Agency Certificate No. UL2R217L), located at 5250 NW 33<sup>rd</sup> Avenue, Fort Lauderdale, FL 33309.

## **BACKGROUND**

Information received during an FAA suspected unapproved parts (SUP) investigation revealed that Goodrich Aerospace Component Overhaul and Repair (Goodrich Aerospace) failed to use the current manufacturers' maintenance manuals; Instructions for Continued Airworthiness; or other methods, techniques, and practices acceptable to the Administrator when performing maintenance on appliances and approving them for return to service.

Attached to this notification is a *partial list* of parts that may have been improperly returned to service by Goodrich Aerospace. Goodrich Aerospace attempted to notify its customers through recall letters; however, not all parts have been accounted for.

## **RECOMMENDATION**

Regulations require that type-certificated products conform to their type design and be properly maintained using current data, required equipment, and appropriately trained personnel. Aircraft owners, operators, manufacturers, maintenance organizations, and parts distributors should inspect their aircraft and/or parts inventory for the appliances identified on the attached list. These appliances were approved for return to service by Goodrich Aerospace. Appropriate action should be taken if any of these appliances have been installed on an aircraft. If any existing inventory includes these appliances, the FAA recommends that you quarantine the appliances to prevent installation on an aircraft until a determination can be made regarding each appliance's eligibility for installation.

## **FURTHER INFORMATION**

Further information concerning this investigation and guidance regarding the above-referenced appliances may be obtained from the FAA Flight Standards District Office (FSDO) shown below. The FAA would appreciate any information regarding the discovery of the above-referenced appliances from any source and the action taken to remove them from inventory or service.

This notice originated from the Fort Lauderdale Flight Standards District Office, 1050 Lee Wagener Boulevard, Suite 201, Fort Lauderdale, FL 33315, telephone (954) 356-7520, ext. 145, fax (954) 356-7531;

and was published through the FAA SUP Program Office, AVR-20, telephone (703) 661-0580, fax (703) 661-0113.

### PARTIAL LIST OF PARTS

Part Name	Part Number	Serial Number
Torque Signal Conditioner	30005-0000-31	299
Torque Signal Conditioner	30005-0000-31	469
Torque Signal Conditioner	30005-0000-31	621
Torque Signal Conditioner	30005-0000-31	665
Torque Signal Conditioner	30005-0000-31	658
Tank Unit, Fuel Quantity Transmitter	391046-197	1761D
Tank Unit, Fuel Quantity Transmitter	391046-197	1860D
Tank Unit, Fuel Quantity Transmitter	391046-197	2232D
Tank Unit, Fuel Quantity Transmitter	391046-197	2574D
Tank Unit, Fuel Quantity Transmitter	391046-197	2836D
Tank Unit, Fuel Quantity Transmitter	391046-197	3158D
Tank Unit, Fuel Quantity Transmitter	391046-197	2953D
Liquid Quantity Transmitter	391046-200	804C
Liquid Quantity Transmitter	391046-200	1042C
Liquid Quantity Transmitter	391046-200	1182C
Liquid Quantity Transmitter	391046-200	1284C
Liquid Quantity Transmitter	391046-200	1302C
Liquid Quantity Transmitter	391046-200	1696C
Liquid Quantity Transmitter	391046-200	1932C
Liquid Quantity Transmitter	391046-200	9400
Liquid Quantity Transmitter	391001-397	0030D
Tank Unit, Liquid Quantity Transmitter	391063-002	773F
Tank Unit, Liquid Quantity Transmitter	391063-002	755F