

UNAPPROVED PARTS NOTIFICATION



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

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

UPNs are posted on the internet at <http://www.faa.gov/avr/sups.htm>

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AFFECTED PARTS

Parts maintained and approved for return to service by Total Airframe & Turbine Corporation.

PURPOSE

The purpose of this notification is to advise all aircraft owners, operators, manufacturers, maintenance organizations, and parts distributors regarding maintenance performed by Total Airframe & Turbine Corporation (d/b/a TATCO), a Federal Aviation Administration (FAA) certificated repair station located at 3437 W. El Segundo Blvd., Hawthorne, CA 90250.

BACKGROUND

Information received during a FAA suspected unapproved parts investigation revealed that TATCO performed work for which it was not rated. TATCO was issued an Air Agency Certificate (No. T31R629Y) with a limited airframe rating on June 22, 2000. TATCO's certificate limited its performance to maintenance, repair, and overhaul of sheetmetal and composite booms, nacelles, cowlings, fairings, panels, airfoil surfaces, pylons, tailpipes, thrust reversers, and landing gear doors; and included attaching brackets and fittings but excluded autoclave and radome repairs.

Evidence indicates that TATCO has performed maintenance on, and approved for return to service, various parts outside its limited airframe rating. Evidence also indicates that TATCO performed magnetic particle inspection on parts when it did not have the proper equipment, approved personnel, or inspection program to conduct the non-destructive testing (NDT); and that they may have falsified return-to-service maintenance entries regarding NDT work it performed.

Attached to this notification is a partial list of parts that may have been improperly returned to service by TATCO.

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 entities, and parts distributors should inspect their aircraft and/or parts inventory for any parts approved for return to service by TATCO. You should take appropriate action if any of these parts have been installed on an aircraft. If any existing inventory includes these parts, the FAA recommends that you quarantine the parts to prevent installation on an aircraft until a determination can be made regarding each part's eligibility for installation.

FURTHER INFORMATION

Further information 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 unapproved parts from any source, the means used to identify the source, and the action taken to remove them from inventory or service.

This notice originated from the Los Angeles FSDO, 2250 East Imperial Highway, Suite 140, El Segundo, CA 90245, telephone (310) 215-2150, fax (310) 645-3768; and was published through the FAA Suspected Unapproved Parts Program Office, AVR-20, telephone (703) 661-0581, fax (703) 661-0113.

The following is a partial list of parts that may have been improperly returned to service by TATCO.

(PART NAME)	(P/N)	(S/N)
Actuator	2518000-4	NWL03781
Quadrant	65-40529-1	101
Spoiler Control	APH7158-502	SYS07944
Spoiler Control	APH7158-501	SYS07950
Spoiler Control	APH7156-501	SYS07943
Spoiler Control	APH7157-501	SYS07949
Lateral Control Mixer	APH7279-511	SYS07942
Lateral Control Mixer	APH7279-509	SYS07941
Aileron Tension Reg.	APH7044-1	SYS07939
Roller Assy.	65-41341-1	N/A
Gear	725785-3	N/A
Coffee Server	7S235911	N/A
Flap Track	65-46428-25	3511
Diffuser	1-110-230-08	Multiple