

AWB 01-3 Issue 1 - Suspected Unapproved Parts Total airframe and turbine corporation

AWB 01-3 Issue 1, 21 June 2001

Suspected Unapproved Parts

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Effectivity

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

Purpose

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

Background

The FAA has raised an Unapproved Parts Notification (UPN) No.2001-00076 to confirm that TATCO performed work for which it was not rated. TATCO was issued with 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 sheet metal and composite booms, nacelles, cowlings, fairings, panels airfoil surfaces, pylons. Tailpipes, thrust reversers, 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 programme to conduct the non-destructive testing (NDT), and that they may have falsified return to service maintenance entries regarding NDT work it performed.

A partial list of the parts that may have been improperly returned to service by TATCO is detailed below:

Part name	Part number	Serial number
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	NA
Gear	725785	NA
Coffee Server	7S235911	NA
Flap Track	65-46428-25	3511
Diffuser	1-110-230-08	Multiple

Recommendation

Aircraft owners, C of R holders and AMOs are advised to inspect their aircraft records and/or aircraft parts inventory for parts approved for return to service by TATCO. Appropriate action should be taken for any part that has been installed on an aircraft. If any existing inventory includes these parts, CASA recommends that the part is quarantined to prevent installation on an aircraft until a determination can be made regarding each parts eligibility for installation

If a non-conforming part is found installed in an aircraft or in existing aircraft stock intended for installation on an aircraft a Major Defect Report must be raised pursuant to regulation 51A of CAR 1988.