

ATA AIRLINES, INC.

CATALYTIC (OZONE) CONVERTER

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CHECK BEING PERFORMED: Custom

ZONES: 135 136
A/C NUMBER:
REV. DATE: 06/18/02
FREQUENCY: 2C

W/C NUMBER: 215R2103 DATE:
W/O:
JAC CODE:

MFR P/N	DESCRIPTION	QTY
2341562-1	CATALYTIC (OZONE) CONVERTER	1
PANELS		
193HL		
194ER		
MECH	INSP	

PERFORM EFFICIENCY CHECK (OFF-AIRCRAFT) OF CATALYTIC (OZONE) CONVERTER.

NOTE: REMOVE ONLY ONE CATALYTIC CONVERTER FOR TESTING, EITHER LEFT OR RIGHT. CHECK BOX BELOW TO INDICATE WHICH UNIT WAS REPLACED:

LEFT RIGHT

THE FOLLOWING PROCEDURE APPLIES TO THE ON-AIRCRAFT PORTION OF THIS TASK (REMOVAL/INSTALLATION):

1 Remove the Catalytic Converter

A References

- 1 06-41-00/201, Fuselage Access Doors and Panels
- 2 36-00-00/201, Pneumatic - General

B Access

- 1 Location Zones
 - 135/136 Environmental control systems (ECS) bay
- 2 Access Panels
 - 193HL Fuselage Structure (Left)
 - 194ER Wing/Body Splice (Right)

C Prepare for Removal

WARNING: REMOVE ALL THE PNEUMATIC POWER BEFORE YOU REMOVE OR INSTALL THE CATALYTIC CONVERTER. IF YOU DO NOT REMOVE

CATALYTIC (OZONE) CONVERTER

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MECH: INSP:

ALL PNEUMATIC POWER, THEN IT COULD CAUSE INJURY TO PERSONS.

- _____ XXXXX 1 Remove the pneumatic power (Ref 36-00-00).
- D Remove the Catalytic Converter
- _____ XXXXX 1 Remove the couplings from each end of the converter.
- _____ XXXXX 2 Disconnect the support clamp from the converter.
- _____ XXXXX 3 Remove the catalytic converter.
- _____ XXXXX 4 Put a cover on the duct openings.
- _____ XXXXX 5 Tag the Catalytic Converter with a M-31 tag and route to shipping. In the "Removal Remarks" section of the M-31, enter the following: "Catalytic Converter needs to be sent out for an efficiency check".
- 2 Install the Catalytic Converter
- A Install the Catalytic Converter
- _____ XXXXX 1 Remove the covers from the duct openings.
- a Make sure there is no unwanted material in the ducts.
- _____ XXXXX 2 Put the catalytic converter in the correct position, upstream of the flow control valve.
- a Make sure the flow arrow points to the flow control valve.
- _____ XXXXX 3 Connect the support clamp to the converter.
- a Tighten the support clamp to 70 pound-inches.
- _____ XXXXX 4 Install the couplings on each end of the converter.
- a Tighten the small couplings to 50 pound-inches.
- b Tighten the large coupling to 55 pound-inches.

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W/C NUMBER: 215R2103 (continued)

MECH: INSP:

B Do the installation test for the catalytic converter.

_____ XXXXX 1 Supply pneumatic power (Ref 36-00-00).

_____ XXXXX 2 Feel for leaks around the catalytic converter

a Small leaks are permitted.

b You must repair a large leak.

C Put the airplane back to its usual condition

_____ XXXXX 1 Remove the pneumatic power, if it is not necessary
(Ref 36-00-00).

*****END OF WORKCARD*****