

AIRWORTHINESS DIRECTIVE

released by DIRECTION GENERALE DE L'AVIATION CIVILE

Inspection and/or modifications described below are mandatory. No person may operate a product to which this Airworthiness Directive applies except in accordance with the requirements of this Airworthiness Directive.

Translation of 'Consigne de Navigabilité' ref. : 96-020-195(B)
In case of any difficulty, reference should be made to the French original issue.

AIRBUS INDUSTRIE

A310 and A300-600 Aircraft

PRATT & WHITNEY engine aft mount beams

This Airworthiness Directive applies to AIRBUS INDUSTRIE aircraft fitted with PRATT & WHITNEY engines JT9D-7R4D1 ; JT9D-7R4E1 ; JT9D-7R4H1 (AIRBUS aircraft A300B4-620, A300C4-620, A310-221, A310-222, A310-322) or PRATT & WHITNEY engines PW 4151 ; PW 4156A ; PW 4158 (AIRBUS aircraft A300B4-622, A300B4-622R, A310-324, A310-325).

In order to detect and prevent propagation of cracks originating from the forging process which could result in loss of structural integrity of the PRATT & WHITNEY engine aft mount beams, the following measures are rendered mandatory from the effective date of this Airworthiness Directive :

- 1/ Prior to the accumulation of 500 flight hours following the effective date of this Airworthiness Directive, perform a visual inspection of the engine aft mount beams, and, if cracks are detected, replace the cracked beams in accordance with section 1 of PRATT & WHITNEY Service Bulletin PW7R4 A71-129 or PW4NAC A71-149 (section A of AIRBUS INDUSTRIE Service bulletin A310-71-2027 or A300-71-6023).
- 2/ At the next engine removal or within the 4000 flight cycles following the effective date of this Airworthiness Directive, whichever occurs first, perform a fluorescent penetrant inspection and an Eddy Current inspection and if cracks are detected, replace the cracked beams in accordance with the instructions of section 2 of PRATT & WHITNEY Service Bulletin PW7R4 A71-129 or PW4NAC A71-149 (section B of AIRBUS INDUSTRIE Service bulletin A310-71-2027 or A300-71-6023).

NOTE 1 : Only beams with serial numbers defined in PRATT & WHITNEY Service Bulletins mentioned below are affected by this Airworthiness Directive.

NOTE 2 : The affected beams which are not installed on aircraft (e.g. spares or engine kits) at the effective date of this Airworthiness Directive will have to be inspected in accordance with the instructions of section 2 of PRATT & WHITNEY Service Bulletin PW7R4 A71-129 or PW4NAC A71-149 before installation on aircraft.

Ref. : PRATT & WHITNEY Service Bulletin PW7R4 A71-129
PRATT & WHITNEY Service Bulletin PW4NAC A71-149
AIRBUS INDUSTRIE Service Bulletin A310-71-2027
AIRBUS INDUSTRIE Service Bulletin A300-71-6023

EFFECTIVE DATE : FEBRUARY 10, 1996

v/JYR

January 31, 1996

AIRBUS INDUSTRIE
A310 and A300-600 Aircraft

96-020-195(B)