

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. : 1999-331-098(B)
In case of any difficulty, reference should be made to the French original issue.

AIRBUS INDUSTRIE

A330 aircraft

Nose gear aft doors -
Inspection and replacement of the hinge fitting brackets (ATA 52)

APPLICABILITY :

AIRBUS INDUSTRIE A330 aircraft models -301, -321, -322, -341, -342 which have not received either AIRBUS INDUSTRIE modification 42447 (or AIRBUS INDUSTRIE Service Bulletin A330-52-3046).

REASONS :

During an in-service inspection, an operator found cracks on the Nose Landing Gear aft door fitting angles.

The following inspection and the replacement by new fittings are rendered mandatory in order to maintain the structural integrity of the brackets, avoid the loss of doors in flight and possible structural damage.

COMPLIANCE :

The following measures are rendered mandatory on the effective date of this Airworthiness Directive, unless already previously accomplished :

1. At the following thresholds, whichever occurs later :

- before accumulation of 2200 flights following the first installation of the aft nose gear doors on aircraft or,
- before accumulation of 270 flights or 550 flight hours, whichever occurs first, for the doors that have already exceeded the 2200 flights on the effective date of this Airworthiness Directive

perform an HFEC inspection of the aft nose landing gear door fitting angles, LH and RH (4 fittings per door) in accordance with the instructions given in AIRBUS INDUSTRIE Service Bulletin A330-52-3055.

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2. Depending on the inspection results :

2.1. Replace the failed fittings if necessary in accordance with the flow chart figure 1 of AIRBUS INDUSTRIE Service Bulletin A330-52-3055 and the instructions given in this Service Bulletin.

2.2. Repeat the inspection of the above paragraph 1 and the actions of the above paragraph 2.1 at intervals not exceeding 270 flights in accordance with the flow chart (figure 1) and the instructions given in AIRBUS INDUSTRIE Service Bulletin A330-52-3055 until complete accomplishment of AIRBUS INDUSTRIE Service Bulletin A330-52-3046.

3. Not later than 18 months from the effective date of this Airworthiness Directive, reinforce the nose landing gear aft doors hinge in accordance with the instructions given in AIRBUS INDUSTRIE Service Bulletin A330-52-3046.

No further action is required after accomplishment of Service Bulletin A330-52-3046.

REF. : AIRBUS INDUSTRIE Service Bulletin A330-52-3055
(or any further approved revisions)
AIRBUS INDUSTRIE Service Bulletin A330-52-3046
(or any further approved revision)

EFFECTIVE DATE : AUGUST 21, 1999