

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. : 93-123-046(B) R1
In case of any difficulty, reference should be made to the French original issue.

AIRBUS INDUSTRIE

A320 Aircraft

Trimmable horizontal stabilizer
lightning strike protection improvement

This Airworthiness Directive applies to all A320 AIRBUS INDUSTRIE A320-111, A320-211, A320-212, A320-231 and A320-232 aircraft models MSN 002 to 008, 010 to 014, 016 to 078, 080 to 104, 106 to 363, 365 to 384, 386 to 411, 413 to 433, 435 to 457, 459 to 467 and 469 to 472 included.

In order to prevent, in the case of multiple lightning strikes, leakages on trimmable horizontal stabilizer hydraulic pipes and leakages on elevator actuator servocontrol which could lead to the loss of hydraulic circuits, the following measures are rendered mandatory :

A- Within 3,500 flight hours after August 14, 1993 (effective date of the original issue of the Airworthiness Directive), install bonding braids between trimmable horizontal stabilizer and elevators, and between trimmable horizontal stabilizer and actuator servocontrol bodies and also across trimmable horizontal stabilizer hydraulic pipe unions according to :

- AIRBUS INDUSTRIE Service Bulletin A320-27-1041 R1 for aircraft on which modification 22621 has not been applied in production

and

- AIRBUS INDUSTRIE Service Bulletin A320-29-1058 R1 for aircraft on which modification 23556 has not been applied in production.

B- For aircraft having received modification 23556 in production, within 500 flight hours after the effective date of this Airworthiness Directive, check the reference of clamps and perform the appropriate corrective actions in accordance with the instructions of AIRBUS INDUSTRIE AOT A320/AOT 29-10 R2 dated February 13, 1995.

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C- For aircraft having received AIRBUS INDUSTRIE Service Bulletin A320-29-1058 original issue, within 500 flight hours after the effective date of this Airworthiness Directive, check the reference and the presence of clamps and perform the appropriate corrective actions in accordance with the instructions of AIRBUS INDUSTRIE AOT A320/AOT 29-10 original issue, R1 or R2.

No further action is required after accomplishment of this Airworthiness Directive or after total accomplishment of AIRBUS INDUSTRIE Service Bulletins A320-27-1041 R1 and A320-29-1058 R1 and/or AOT 29-10 R2.

Ref. : AIRBUS INDUSTRIE Service Bulletin A320-27-1041 R1
(or any further approved revision)
AIRBUS INDUSTRIE Service Bulletin A320-29-1058 R1
(or any further approved revision)
AOT A320/AOT 29-10 original issue, R1 and R2

This Revision 1 replaces original AD 93-123-046(B) dated August 4, 1993.

EFFECTIVE DATES :

Original AD : AUGUST 14, 1993
Revision 1 : MAY 20, 1995