

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. : 2001-517(B) R1
In case of any difficulty, reference should be made to the French original issue.

AIRBUS

A330 aircraft

Blue hydraulic circuit - Parking Brake Operated Valve (PBOV) (ATA 32)

APPLICABILITY:

AIRBUS INDUSTRIE A330 all certified models, all serial numbers, equipped with MESSIER-BUGATTI Parking Brake Operated Valve (PBOV) Part Number (P/N) A25315020-1, Serial Number (S/N) H2180 through H2331 inclusive.

The valves belonging to this list, but with marks "V" or "VF+E" (valves which have been repaired following MESSIER-BUGATTI Service Bulletin (SB) A25315-32-057) are not affected by the requirements of this Airworthiness Directive (AD).

After having complied with this AD, it lies with responsibility of the operator to ensure that any Parking Brake Operated Valve (PBOV) re-installed on aircraft still satisfies the requirements of this AD.

REASONS:

External leakage of the Parking Brake Operated Valve (PBOV) of the yellow hydraulic circuit has been reported on A320 aircraft.

These leakage may occur at one or more of the 3 hydraulic connectors and/or at the vent hole of valve housing.

On A330, such leakage could cause the loss of the blue hydraulic system and the parking brake accumulator function, which could result in the Alternate Braking System and Parking/Emergency Braking System to be inoperative.

The Revision 1 of this AD requires the repair or replacement of all affected PBOV's by not later than December 31, 2002.

ACTIONS:

1. Within 7 days from the effective date of this AD at original issue, unless already accomplished, identify the Parking Brake Operated Valve (PBOV) and if necessary accomplish the associated corrective actions (inspections, repair, and/or replacement), in accordance with AIRBUS INDUSTRIE Alert SB A330- 32A3139.

2. Depending upon the results of identifications and inspections performed in the frame of paragraph 1 here above, repeat inspection of PBOV valves and accomplish the associated corrective measures according to the instructions given in AIRBUS INDUSTRIE Alert SB A330-32A3139, at intervals not exceeding those specified in this same Service Bulletin.
3. Not later than December 31, 2002 repair or replace all the PBOV valves identified A25315020-1 that have a serial number between H2180 and H2331 inclusive, and are not identified with the letter "V" or "VF+E", according to the instructions of AIRBUS INDUSTRIE Alert SB A330-32A3139.

Compliance to this action cancels the requirements of paragraphs 1 and 2 here above.

REF.: AIRBUS INDUSTRIE Alert Service Bulletin A330-32A3139
MESSIER BUGATTI Service Bulletin A25315-32-057
(Any later approved revision of these SB is acceptable).

This Revision 1 replaces AD 2001-517(B) issued on October 31, 2001.

EFFECTIVE DATES :

Original AD : NOVEMBER 10, 2001

Revision 1 : FEBRUARY 16, 2002