

AIRWORTHINESS DIRECTIVE

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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. : 2000-308-036(B)
In case of any difficulty, reference should be made to the French original issue.

AIRBUS INDUSTRIE

A300-600ST BELUGA aircraft

Flight controls -
Erratic rudder movement during approach (ATA 22)

APPLICABILITY:

This Airworthiness Directive involves AIRBUS INDUSTRIE A300-600ST aircraft, all certified models, all serial numbers.

REASONS:

This AD is prompted by an erratic rudder movement reported by one A300-600 operator.

First investigation on the auto pilot actuator revealed that the electrical connectors of the main electrovalve were cross connected between side 1 and side 2.

Under this condition which is a hidden failure, when combined with a failure of the clutch valve, the auto pilot actuator can generate erratic movements.

This scenario described for the yaw axis can also occur in roll and pitch because identical actuators are used on these axes.

ACTIONS:

To prevent any cross connection of the connectors of the main electrovalve on the yaw, roll and pitch auto pilot actuator, accomplish the following unless already accomplished previously.

- Within 10 days following the effective date of this AD, except already performed, perform a one time inspection of the main electrovalve connectors in accordance within AIRBUS INDUSTRIE "All Operator Telex" (AOT) AOT A300-22A6039 dated May 27, 1999.
- If a cross connection is identified, restore the correct installation by swapping the connectors as described in paragraph 4.2 of the AOT before the next flight.
- Send inspection results to AIRBUS INDUSTRIE customer services whatever results are.

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July 26, 2000

AIRBUS INDUSTRIE
A300-600ST BELUGA aircraft

2000-308-036(B)

REF.: Airworthiness Directive A300-600 No. 1999-268-292(B)
AOT A300-22A6039 dated May 27, 1999.
(or any further approved revision).

EFFECTIVE DATE : AUGUST 05, 2000