

# 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. : 1999-354-101(B)  
In case of any difficulty, reference should be made to the French original issue.

## AIRBUS INDUSTRIE

### A330 aircraft

LITTON GPSSU (ATA 34)

#### APPLICABILITY:

AIRBUS INDUSTRIE all certified A330 models, all serial numbers, equipped with LITTON GPSSU P/N 465205-0302-0302 or 465205-0302-0303, which have not received AIRBUS INDUSTRIE modification 46961 (AIRBUS INDUSTRIE Service Bulletin A330-34-3082) nor 47327 (AIRBUS INDUSTRIE Service Bulletin A330-34-3086).

#### REASON:

Bad oscillator warm up characteristics may cause GPS satellite signals to be incorrectly measured by the GPSSU leading to position and altitude errors.

This erroneous GPS position computation is not detected when there is only one GPS operative.

#### ACTIONS:

1 - At the effective date of this Airworthiness Directive, apply the following:

##### A) Operation:

- GPS stand-alone and GPS overlay Non Precision Approaches are not allowed,
- the GPS must be deselected before Non precision Approach,
- the GPS must be deselected for the remainder of the flight if "NAV FM/GPS POS DISAGREE" ECAM warning is triggered (whatever the phase of the flight).

Insert in Aircraft Flight Manual Temporary Revision (TR) 2.05.00/38 DGAC approved on August 03, 1999.

##### B) Dispatch

- If one GPS is inoperative, GPS must be deselected.

##### 2 - Terminating action

- By not later than October 31<sup>st</sup>, 1999, unless already accomplished, install modified GPSSU in accordance with AIRBUS INDUSTRIE Service Bulletin A330-34-3082 or AIRBUS INDUSTRIE Service Bulletin A330-34-3086.

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REF. : AFM TR 2.05.00/38 approved on August 03, 1999  
AIRBUS INDUSTRIE Service Bulletin A330-34-3082  
(or any further approved revision)  
AIRBUS INDUSTRIE Service Bulletin A330-34-3086  
(or any further approved revision)

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**EFFECTIVE DATE : SEPTEMBER 18, 1999**