

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. : 1999-361-138(B)
In case of any difficulty, reference should be made to the French original issue.

AIRBUS INDUSTRIE

A319/A320/A321 aircraft

LITTON GPSSU (ATA 34)

APPLICABILITY:

AIRBUS INDUSTRIE A319/A320/A321 all certified models, all serial numbers, equipped with LITTON GPSSU P/N 465205-0302-0303 installed by AIRBUS INDUSTRIE modification 23885 or AIRBUS INDUSTRIE Bulletin Service A320-34-1119, which have not received AIRBUS INDUSTRIE modification 28578 or AIRBUS INDUSTRIE Service Bulletin A320-34-1191 or modification AIRBUS INDUSTRIE 28579 or AIRBUS INDUSTRIE Service Bulletin A320-34-1196.

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 Approch, and
- the GPS must be deselected for the remainder of the flight if "NAV FM/GPSPOS DISAGREE" ECAM warning is triggered (whatever the phase of the flight).

Insert in Aircraft Flight Manual Temporary Revision (TR) 2.05.00/40 DGAC approved on July 30, 1999.

B) Dispatch

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

2 - Terminating action

- By not later than October 31st, 1999, unless already accomplished, install modified GPSSU in accordance with AIRBUS INDUSTRIE Service Bulletin A320-34-1191 or AIRBUS INDUSTRIE Service Bulletin A320-34-1196.

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REF. : AFM TR 2.05.00/40 approved on July 30, 1999
AIRBUS INDUSTRIE Service Bulletin A320-34-1191
(or any further approved revision)
AIRBUS INDUSTRIE Service Bulletin A320-34-1196
(or any further approved revision)

EFFECTIVE DATE : SEPTEMBER 18, 1999