

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. : 1999-355-123(B) R1
In case of any difficulty, reference should be made to the French original issue.**

AIRBUS

A340-200/-300 aircraft

LITTON GPSSU (ATA 34)

1. APPLICABILITY:

AIRBUS A340 aircraft, models -211, -212, -213, -311, -312 and -313, all serial numbers, equipped with LITTON GPSSU PN 465205-0302-0302 or 465205-0302-0303, which have not received AIRBUS modification 46961 (AIRBUS Service Bulletin (SB) A340-34-4089) nor 47327 (AIRBUS SB A340-34-4092).

2. REASONS:

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.

Revision 1 of this Airworthiness Directive (AD) consists of revising the "Applicability" paragraph which limits AIRBUS A340 aircraft models as listed in the paragraph 1.

3. MANDATORY ACTIONS AND COMPLIANCE TIMES:

3.1. The following measures are rendered mandatory from the effective date of this AD at original issue:

3.1.1. 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) 2.05.00/47 DGAC approved on August 03, 1999.

3.1.2. Dispatch

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

3.2. Terminating action

By not later than October 31st, 1999, unless already accomplished, install modified GPSSU in accordance with AIRBUS SB A340-34-4089 or AIRBUS SB A340-34-4092.

REF.: AFM TR 2.05.00/47 approved on August 03, 1999
AIRBUS Service Bulletin A340-34-4089
(or any further approved revision)
AIRBUS Service Bulletin A340-34-4092
(or any further approved revision).

| This Revision 1 replaces original AD 1999-355-123(B) dated September 08, 1999.

EFFECTIVE DATES :

| **Original issue : SEPTEMBER 18, 1999**
Revision 1 : SEPTEMBER 27, 2003