

# 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. : 2003-270(B)  
In case of any difficulty, reference should be made to the French original issue.

## AIRBUS

### A319, A320 and A321 aircraft

Navigation - Inertial reference systems (ATA 34)

#### 1. APPLICABILITY:

AIRBUS A319, A320 and A321 all certified models, all manufacturing serial numbers (MSN) equipped with an HONEYWELL inertial reference system PN:

- HG1150AC05
- HG1150AC06
- HG2030AC05
- HG2030AC06
- HG2030AC08
- HG2030AC09
- HG2030AD09

Aircraft having received application of AIRBUS modification 30652, 30941 or 30942 are not affected by the requirements of this Airworthiness Directive (AD).

#### 2. REASONS:

The magnetic variation table which are implemented in the above HONEYWELL inertial reference systems are obsolete in certain countries.

Studies have shown that, for a given airport, a difference greater than 3° between the real magnetic deviation and the one implemented in the inertial reference system could lead to an unsafe situation during the phases of Cat 2 or Cat 3 automatic landing and roll out.

AFM temporary revision (TR) 2.05.00/52 provides the list of affected airport and the date from which the «AUTOLAND» and «ROLL-OUT» are prohibited.

This AD mandates the operational restriction introduced by the AFM TR 2.05.00/52.

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**3. COMPLIANCE:**

From the effective date of this AD, the following limitations are applicable for all flights:

*The below table provides for each concerned airport, the dates from which the following limitations apply:*

- AUTOLAND is not allowed
- ROLL-OUT is not allowed

*CAT II approaches without AUTOLAND are still allowed.*

<b>Airport code</b>	<b>Airport Location</b>	<b>Year</b>	<b>Month</b>
DFOO	BOBO-DIOULASSO BURKINA FASO	< 2002	
DIAP	ABIDJAN PORT BOUET IVORY COAST	< 2002	
DIBK	BOUAKE IVORY COAST	< 2002	
FAEL	EAST LONDON BEN SCHOEMAN SOUTH AFR REP	< 2002	
GABS	BAMAKO SENOU MALI	< 2002	
GGOV	BISSAU OSWALDO VIEIRA INTL GUINEA-BISSAU	< 2002	
GLRB	MONROVIA ROBERTS INTL LIBERIA	< 2002	
PAFA	FAIRBANKS INTL AK USA	< 2002	
PANC	ANCHORAGE INTL AK USA	< 2002	
GBYD	BANJUL YUNDUM INTL GAMBIA	2003	JAN
GOOY	DAKAR YOUFF SENEGAL	2003	AUG
BIKF	KEFLAVIK ICELAND	2004	JAN
DDFD	OUAGADOUGOU BURKINA FASO	2004	MAR
GQNN	NOUAKCHOTT MAURITANIA	2004	APR
GQPP	NOUADHIBOU MAURITANIA	2004	JUN
DXNG	NIAMTOUGOU TOGO	2005	FEB
DXXX	LOME TOKOIN TOGO	2005	MAR
DBBB	COTOUNOU CADJEHOUN BENIN	2005	AUG
DNMM	LAGOS MURTALA MUHAMMED NIGERIA	2006	MAR
GVAC	SAL AMILCAR CABRAL CAPE VERDE	2006	APR
EGAA	BELFAST ALDERGROVE UNITED KINGDOM	2006	MAY
EINN	SHANNON IRELAND	2006	MAY
EIDW	DUBLIN IRELAND	2006	JUL
SAEZ	BUENOS AIRES EZEIZA ARGENTINA	2006	JUL
EGPF	GLASGOW UNITED KINGDOM	2006	AUG
EICK	CORK IRELAND	2006	SEP

*Note: This TR is applicable until 2007. From 2007, without a revision of this TR, AUTOLAND and ROLL-OUT will not be allowed on any airport.*

Incorporation of this procedure (or any further approved revision) or a copy of this AD in the Aircraft Operational Manual and strict adherence to this procedure by the crew is means of compliance with this AD.

Application of AIRBUS Service Bulletins (SB) A320-34-1231 or A320-34-1249 or A320-34-1240, which install respectively inertial reference system PN HG1150AC07, PN HG2030AD11 and PN HG2030AC11, combined with the impossibility to revert to previous standard, cancels the operational limitation introduced by this AD.

REF.: A318/319/320/321 Flight Manual Temporary Revision 2.05.00/52.

**EFFECTIVE DATE : AUGUST 02, 2003**