

# 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. : 2002-183(B)  
In case of any difficulty, reference should be made to the French original issue.

## AIRBUS

### A320 aircraft

Centre fuselage - Pick-up angle between frame 35 and 36 (ATA 53)

#### APPLICABILITY:

A320 AIRBUS aircraft all certified models and all serial numbers without AIRBUS modification 21202 in production (or AIRBUS INDUSTRIE Service Bulletin A320-53-1027 in service).

#### REASONS:

The purpose of Airworthiness Directive (AD) 95-097-065(B) was to mandate an inspection program of the centre fuselage pick-up angle between frame 35 and 36 below stringer 30 left and right hand side.

The threshold and the interval figures were defined on the basis of full-scale fatigue tests.

Since then, a survey, carried out on the A320 family fleet, has highlighted some differences between the mission parameters of in service aircraft and those initially considered. The differences are mainly on the weight of fuel at landing and on the mean flight duration, which are higher than those defined for the analysis of the fatigue related tasks.

This has led to an adjustment of the A320 family reference fatigue mission. Consequently, revised threshold and intervals for the accomplishment of this inspection, expressed in flight cycles (FC) and in flight hours (FH), have been introduced.

#### COMPLIANCE:

The following measures are rendered mandatory on the effective date of this AD:

1. Unless already accomplished, at the latest of the following threshold:

- before accumulation of 10,400 flight cycles or 24,600 flight hours, whichever comes first,
- or
- within 3,500 flight cycles from the effective date of this AD but without exceeding the accumulation of 16,000 flight cycles since first flight,

perform an inspection of the centre fuselage pick-up angle between frame 35 and 36 below stringer 30 left and right hand side, and repair if necessary in accordance with the instructions given SB A320-53-1028 Revision 1.

At the effective date of this AD, aircraft on which the inspection has already been performed in accordance with AD 95-097-065(B), perform this inspection within 12,000 flight cycles from last inspection.

2. Repeat the inspection defined in paragraph COMPLIANCE 1 of this AD at intervals not exceeding 10,400 flight cycles or 24,600 flight hours, whichever comes first, and repair if necessary in accordance with the instructions given in SB A320-53-1028 Revision 1.

No additional inspection is requested after total accomplishment of SB A320-53-1027.

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REF.: AIRBUS INDUSTRIE Service Bulletin A320-53-1027  
AIRBUS INDUSTRIE Service Bulletin A320-53-1028 Revision 1  
(Any later approved revisions of both SB's is acceptable).

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This AD replaces AD 95-097-065(B) which is cancelled.

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**EFFECTIVE DATE : APRIL 13, 2002**

SUPERSEDED