

A300

ALS Part 2

Damage Tolerant Airworthiness

Limitation Items

(DT - ALI)

-

Variation 3.4

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ISSUE: DEC 22/22

The ALS Part 2 is approved and Variations must also be approved.

The technical content of this document is approved under the authority of the DOA ref. EASA.21J.031.

Note: the present Variation includes ALS data already approved either by EASA for major changes or by Airbus under DOA privilege for minor changes.

APPROVAL REFERENCES

A300 ALS Part 2:

REVISION NUMBER	APPROVAL REFERENCE	APPROVAL DATE
03	X050217030	AUG 28/17

VARIATION:

VARIATION NUMBER	ISSUE NUMBER	AFFECTED SECTIONS	APPROVAL REFERENCE	APPROVAL DATE
3.4	01	1, 2	X05022203A	DEC 22/22

REASON

This Variation aims at providing instructions and airworthiness limitations resulting from new ALI tasks arising in FR 7 due to supplemental inspection after tests, as well as Deleted/New/Revised ALI tasks in Nose Center Fuselage, Center Wing Box and Nose Gear Bay.

This Variation also includes the reference to “point 26.303 of Part-26 (Annex I to Regulation (EU) 2015/640)” in LOV definition.

A300 AIRWORTHINESS LIMITATIONS SECTION

APPLICABILITY

This Variation applies to the following aircraft series and models:

AIRCRAFT SERIES	SIMPLIFIED AIRCRAFT SERIES DESIGNATION USED IN THIS DOCUMENT
A300-B2-1C	B2
A300-B2K-3C	
A300-B2-203	
A300-B4-2C	B4 or B4-100
A300-B4-103	
A300-B4-120	
A300-B4-203	B4 or B4-200
A300-B4-220	
A300-C4-203	B4 or B4-200 or C4
A300-F4-203	B4 or B4-200 or F4

COMPLIANCE TIME

Airbus anticipates that the content of this Variation will be subject to an Airworthiness Directive (AD). The compliance chapter of this future AD will give an implementation period for introduction in the Operators approved Maintenance Program (OMP) of the new instruction and airworthiness limitation introduced by this Variation. Airbus recommends anticipating the introduction of the change introduced by this Variation at first Operator's opportunity in order to anticipate future AD requirements.

Maintenance tasks will also be mandated by the AD associated to this Variation and are to be accomplished prior to the new thresholds and/or intervals and/or limitations provided in this Variation. A compliance time is provided for aircraft that have already exceeded or are close to exceeding the new thresholds and/or intervals and/or limitations. In such a case, maintenance tasks in SECTION 2.2 are to be accomplished prior to the new thresholds and/or intervals and/or limitations provided in this Variation or by the compliance time provided for this item, whichever occurs later. When applicable, the compliance time deadlines are indicated in the table below as advanced information for Operators in order to anticipate future AD requirements.

ITEM	COMPLIANCE TIME (1)	COMPLIANCE TIME APPLICABILITY
531123-01-1	DEC 21 / 2024	Task applicability
531123-02-1	DEC 21 / 2024	Task applicability
531124-01-1	DEC 21 / 2024	Task applicability
531138-01-1	DEC 21 / 2024	Task applicability
533216-02-1	DEC 21 / 2024	Task applicability
533216-03-1	DEC 21 / 2024	Task applicability
536110-01-7	DEC 21 / 2024	Task applicability
536110-02-7	DEC 21 / 2024	Task applicability
536112-01-2	DEC 21 / 2024	Task applicability
536236-01-1	DEC 21 / 2024	Task applicability
536501-01-1	DEC 21 / 2024	Task applicability
536501-02-1	DEC 21 / 2024	Task applicability
536501-S1-1	DEC 21 / 2024	Task applicability
536501-S2-1	DEC 21 / 2024	Task applicability

(1) Without exceeding the airworthiness limitations currently published in A300 ALS Part 2 Revision 03.

VALIDITY

Instructions and airworthiness limitations stated in this Variation may be negated by instructions and airworthiness limitations published in (a) Variation(s) or a Revision subsequent to the approval date of this Variation. In such case, the validity of affected instructions and airworthiness limitations stated in this Variation is suspended.

All other instructions and airworthiness limitations given in the A300 ALS Part 2 Revision 03 and other current Variations remain applicable.

AIRWORTHINESS LIMITATIONS SECTION

DESCRIPTION

The approved changes to the mandatory instructions and airworthiness limitations provided in A300 ALS Part 2 Revision 03, SECTION 1 can be found hereafter:

SECTION 1 – INTRODUCTION

1.3 LIMIT OF VALIDITY AND MAINTENANCE PROGRAM PUBLICATION TRIGGER (MPPT)

~~The airworthiness limitations contained herein allow operation up to the Limit of Validity (LOV) in FC or FH. The relevant LOV values are stated below.~~

For G4 and F4 series:

~~The LOV reflects the limit of validity of the engineering data that supports the structural maintenance program.~~

For the other series:

The Limit of Validity (LOV) is required by point 26.303 of Part-26 (Annex I to Regulation (EU) 2015/640) and is approved by EASA.

The LOV reflects the limit of validity of the engineering data that supports the structural maintenance program that corresponds to the period of time during which it is demonstrated that Widespread Fatigue Damage will not occur in the airplane.

AIRWORTHINESS LIMITATIONS SECTION

The LOV is defined per aircraft series as follows:

AIRCRAFT SERIES	LOV	Simplified Aircraft series designation used in this document
A300 B2-1C	48000 FC	B2
A300 B2K-3C	48000 FC	B2
A300 B2-203	48000 FC	B2
A300 B4-2C	48000 FC	B4 or B4-100
A300 B4-103	48000 FC	B4 or B4-100
A300 B4-120	48000 FC	B4 or B4-100
A300 B4-203	48000 FC	B4 or B4-200
A300 B4-220	48000 FC	B4 or B4-200
A300 C4-203	48000 FC or 75000 FH	C4 or C4-200
A300 F4-203	48000 FC or 75000 FH	F4 or F4-200

NOTE: The LOV is also required by other ageing aircraft requirements, including 14 CFR Part 26.21 (b)(1)(4).

MAINTENANCE PROGRAM PUBLICATION TRIGGER (MPPT)

The published maintenance program content is provided in compliance with 14 CFR 25.571, 14 CFR 25.1529 and 14 CFR 25 Appendix H, for aircraft operating up to the Publication Trigger quoted in the table below. Operation beyond these values requires an update of the ALS Part 2 data that are approved by the EASA. Should any operator envisage future operations beyond the quoted values, they must first contact Airbus for advice.

AIRCRAFT SERIES (simplified designation)	Maintenance Program Publication Trigger (whichever occurs first)
	FLIGHT CYCLES (FC)
B2	48000
B4-100	48000
B4-200 or C4 or F4	48000



A300

AIRWORTHINESS LIMITATIONS SECTION

SECTION 2 - DAMAGE TOLERANT AIRWORTHINESS LIMITATIONS ITEMS LIST

The approved changes to the mandatory instructions and airworthiness limitations provided in the A300 ALS Part 2 Revision 03, SECTION 2 – DAMAGE TOLERANT AIRWORTHINESS LIMITATIONS ITEMS LIST can be found in the attached excel file "A300 ALS Part 2 Variation 3.4.xlsx".