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AUSTRALIAN DEFENCE FORCE



AUSTRALIAN AIR PUBLICATION

7001.053(AM1)

**TECHNICAL AIRWORTHINESS
MANAGEMENT MANUAL**

Date of Issue: 6 Jan 05

A handwritten signature in black ink, appearing to read 'A.G. Houston', with a horizontal line underneath.

(A.G. HOUSTON)
Air Marshal
Airworthiness Authority

Sponsor: DGTA

File Reference: 2006/1163436/1

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DATE	SPI NO	NEW SPONSOR

AO 11
Revised Mar 97

Department of Defence

Originator's File Reference	
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Publication Improvement Report and Reply

Distribution <i>Original - To be returned to the Originator on completion</i> <i>Copy 2 - Sponsor's Copy</i>

Originator's Action

Sponsor's Details		Publication No		
		Date of Issue	AL Status	
Topic No.	Section No.	Chapter or WP number	Page No.	Para or Fig No.
Brief Summary of Deficiency and Suggested Amendments <i>(Attach additional sheet(s) if necessary)</i>				
Originated By				
Printed Name	Rank	Phone Number	Section	Date
Originator's Unit and Business Address				
Verified By				
Supervisor's Signature	Printed Name	Rank	Phone Number	

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LIST OF EFFECTIVE PAGES

NOTE

- When amended, the portion of the text affected by an AL is identified by amendment indicator detailed in AAP 5030.001(AM1), Section 4, Chapter 2.

	Page No	AL		Page No	AL
PRELIMINARY PAGES			Regulation 2		
List of Effective Pages	*i to iv	1		*1 to 16	1
Notes to Readers	*i to iv	1		2A-1 to 2A-2	0
Amendment Certificate	i to ii	0	Regulation 3		
Table of Contents	*i to ii	1		*1 to 32	1
List of Figures	*i to ii	1		3A-1 to 3A-2	0
List of Tables	*i to ii	1		*3B-1 to 3B-2	1
				3C-1 to 3C-2	0
				3D-1 to 3D-2	0
				3E-1 to 3E-2	0
				3F-1 to 3F-2	0
				3G-1 to 3G-2	0
BODY MATTER PAGES					
SECTION 1 (Interleaf)					
CHAPTER 1					
	*1 to 4	1	Regulation 4	*1 to 8	1
CHAPTER 2					
	*1 to 8	1	Regulation 5		
CHAPTER 3				*1 to 12	1
	*1 to 4	1			
CHAPTER 4			SECTION 3 (Interleaf)		
	1 to 2	0	CHAPTER 1	*1 to 10	1
CHAPTER 5				*1A-1 to 1A-4	1
	1 to 4	0		*1A1-1 to 1A1-4	1
	5A-1 to 5A-2	0		*1B-1 to 1B-2	1
	5B-1 to 5B-2	0		1C-1 to 1C-2	0
	5C-1 to 5C-2	0	CHAPTER 2		
CHAPTER 6				1 to 4	0
	*1 to 6	1	CHAPTER 3		
SECTION 2 (Interleaf)				1 to 8	0
CHAPTER 1			CHAPTER 4		
	*1 to 2	1		1 to 8	0
Index to Regulations				4A-1 to 4A-6	0
	*1 to 6	1		4B-1 to 4B-4	0
Regulation 1			CHAPTER 5		
	*1 to 6	1		1 to 4	0
	*A-1 to A-2	1		*5A-1 to 5A-2	1
	*B-1 to B-2	1		5B-1 to 5B-2	0

	Page No	AL		Page No	AL
SECTION 3 (cont)					
CHAPTER 6			CHAPTER 15		
	1 to 10	0		1 to 6	0
	6A-1 to 6A-2	0		15A-1 to 15A-2	0
CHAPTER 7				15A1-1 to 15A1-2	0
	1 to 10	0		15B-1 to 15B-2	0
	7A-1 to 7A-4	0		15C-1 to 15C-2	0
CHAPTER 8			CHAPTER 16		
	*1 to 6	1		1 to 12	0
CHAPTER 9				16A-1 to 16A-2	0
	*1 to 4	1		16B-1 to 16B-4	0
CHAPTER 10				16C-1 to 16C-2	0
	1 to 4	0		16D-1 to 16D-2	0
				16E-1 to 16E-4	0
CHAPTER 11			CHAPTER 17		
	*1 to 10	1		*1 to 12	1
CHAPTER 12				*17A-1 to 17A-2	1
	*1 to 10	1		*17B-1 to 17B-2	1
	*12A-1 to 12A-2	1	CHAPTER 18		
	12B-1 to 12B-4	0		*1 to 6	1
	*12C-1 to 12C-4	1	CHAPTER 19		
	12D-1 to 12D-4	0		1 to 2	0
	*12D1-1 to 12D1-6	1	SECTION 4 (Interleaf)		
	12E-1 to 12E-4	0	CHAPTER 1		
	12F-1 to 12F-2	0		*1 to 26	1
CHAPTER 13			CHAPTER 2		
	1 to 2	0		1 to 42	0
CHAPTER 14			CHAPTER 3		
	1 to 4	0		1 to 12	0
	14A-1 to 14A-2	0			
	*14B-1 to 14B-2	1	POST PAGES		
	14C-1 to 14C-2	0	Glossary	1 to 10	0
			List of Abbreviations	1 to 2	0

*Indicates pages affected by the current AL.

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Certified that AL 1 has been incorporated and that the publication has been page checked in accordance with the details on this page.

Angus MacleanSignature (Distributee)

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Date:5.Jun.08.

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NOTES TO READERS

This publication, although issued as an Australian Air Publication (AAP), is authenticated by the ADF Airworthiness Authority because the contents have Tri-Service significance and authority. The single Service markings on the front of the book have been replaced by their Tri-Service equivalents as an interim step toward the formation of a structured and binding Defence Publication System for airworthiness, aircraft, aircraft related equipment and other 'air' matters.

Attention is drawn to DI(AF) ADMIN 6–8 in regard to amending this publication.

This AAP is managed in accordance with AAP 5030.001 (AM1), RAAF Publication System Technical and Non-Technical Manuals. Reference is to be made to this publication for Unit management of AAPs and for procedures for requesting additional copies of AAPs and Amendments.

Alternate Media

This publication is available in an Alternate Media to paper. A CD-ROM version is available by contacting the sponsor. This AAP is also available on the Defence Force Intranet System at <http://intranet.defence.gov.au/dgta/> on the Internet at <http://www.defence.gov.au/dgta/> and on CD-ROM.

HOW TO READ THIS MANUAL

Ideally, readers are encouraged to read all chapters of this manual. In the absence of sufficient time, the following is a quick reference to where essential information is located:

The regulations themselves may be found in Section 2. The key AEO regulation is Regulation 3, while for AMOs, Regulations 4 and 5 apply.

Background, philosophy, explanatory, high level information is generally contained in Section 1. This Section is essential reading for SDEs and SMMS and highly desirable for DSDEs and other key staff.

Guidance, interpretation, explanation, examples, and suggested methods of compliance are contained in Section 3 (for engineering issues) and Section 4 (for maintenance).

A regulation to guidance cross-reference for the Regulations 1-3 is available within Section 3 Chapter 1.

SUMMARY OF CHANGES INTRODUCED IN THIS AMENDMENT

General

This amendment has resulted in an update of all of the attached pages from AAPGen format to WAT 2.0 format. For management purposes, all pages within a chapter have been identified with AL 1 in the footer, even though there may be no textual amendment to a particular page. The use of Amendment Bars has been restricted to those amendments which change the intent of regulatory or significantly alter guidance material. Minor changes made to improve readability, presentation and layout, or to satisfy the requirements of AAP 5030.001(AM1) and DEF(AUST)5629B are not identified. Significant changes resulting from this amendment are reflected in the following paragraphs.

List of Effective Pages

The LOEP has been updated to correct previously identified anomalies.

Table of Contents

The Table of Contents has been updated to correct previously identified anomalies.

Section 1, Chapter 1

Paragraph 26 has been updated to remove reference to Interim Maintenance Authority (IMA).

Section 1, Chapter 2

ALSLMU has been retitled to AESSO-ALSE. References to MEA have been removed as a result of DGTA-NPRM 01-07 and the reference for Type Design data has been changed from AAP 7001.054 to AAP 7001.053(AM1) Section 3, Chapter 12, Annex E.

Section 1, Chapter 3

Reference to IMA has been removed from Paragraph 11.d.(3) and 24.

Section 1, Chapter 6

Chapter updated to reflect changing AIRREG audit terminology and approach. References to 'surveillance audit' have been replaced by 'compliance audit'. Targeted review and 'targeted audit' replaces previous terminology of 'special review and special audit'.

Section 1, Chapter 7

Chapter has been removed.

Section 2, Chapter 1

Attachment titles have been corrected.

Section 2 Index

Correction of some regulation titles and addition of 'reserved' status to Reg 3.5.3.

Section 2, Regulation 1

Replaced 'this chapter' reference in Reg 1.1.1.a with 'this regulation' and added an annex list to page 5.

Section 2, Regulation 1, Annex A

Updated to remove ARDU as a COE and to reflect a change of title from ALSLMU to AESSO-ALSE.

Section 2, Regulation 1, Annex B

Updated Table to remove ARDU ASR qualification requirements and changed the title of ALSLMU to AESSO-ALSE.

Section 2, Regulation 2

Removed reference to Maintenance Engineering Analysis Plan requirements from Reg 2.2.3 as a result of DGTA NPRM 01-07.

Added (OHS) requirements to Regs 2.2.3, 2.4.1, 2.5.6 and 2.5.9 as a result of DGTA NPRM 02-07.

Added Switzerland to the list of recognised countries in Reg 2.2.7.

Corrected reference to Type Record compilation instructions in Reg 2.2.9.

Section 2, Regulation 3

Added (OHS) requirements to Reg 3.4.1 and 3.5.13.

Reserved Reg 3.5.3 as a result of DGTA NPRM 01-07.

Amended the wording of Reg 3.5.4.c.(7) to include cracked primary structure.

Minor changes to Reg 3.5.5 requirements (stakeholder endorsed following consultation with ESI section).

Removed reference to non-extant DEF(AUST)5629A from Reg 3.5.11.b.(12).

Added additional requirements at Reg 3.5.15a.(7),(8) and (9) as a result of DGTA NPRM 01-07.

Subparagraph numbering at Reg 3.6.1a. corrected to follow standard convention used throughout Section 2.

Circular reference corrected in Reg 3.6.2.e and 3.6.2.f.

Annex list added to page 31.

Section 2, Regulation 3, Annex B

Removed (DE) from header for reasons of consistency and to compliment example at Reg 3 annex list.

Section 3, Regulation 4

Changes to Regulation to support removal of IMA.

Minor changes to the wording of several regulations.

Section 3, Regulation 5

Minor changes to wording in several regulations. The most significant change is to Regulation 5.1.11 which identifies revised CFU requirements.

Section 3, Chapter 1

Table updated to include reference to Chapter 18 for Regs 2.2.3, 2.4, 2.5.6, 2.5.9, 3.4.1 and 3.5.13 as a result of DGTA NPRM 02-07.

Table updated to show 'reserved' status of Reg 3.5.3 as a result of DGTA NPRM 01-07.

Section 3, Chapter 1, Annex A

Update of DGTA web site address.

Section 3, Chapter 1, Appendix 1 to Annex A

Table updated to show 'reserved' status for Reg 3.5.3.

Section 3, Chapter 1, Annex B

Table updated to remove reference to MEAP requirements as a result of DGTA NPRM 01-07.

Section 3, Chapter 5, Annex A

Reference to Reg 3.5.3 removed as a result of DGTA NPRM 01-07.

Section 3, Chapter 8

Guidance updated to support an amended Reg 3.5.15 as a result of DGTA NPRM 01-07.

Section 3, Chapter 9

Chapter updated to identify Sect 3, Chap 12, Annex E as the applicable reference for a Type Record format.

Section 3, Chapter 11

Chapter has been updated to provide additional guidance on Structural Tear-Down paragraph 22 to 24.

Section 3, Chapter 11, Annex A

Annex has been removed from TMM and combined with supporting materials that will be available on request to ASI-DGTA.

Section 3, Chapter 12

Insertion of a previously omitted paragraph number.

Annex list titles for Annex E and F amended.

Section 3, Chapter 12, Annex A

Updated Table to WAT2.0 format.

Section 3, Chapter 12, Annex C

Table updated to improve readability.

MEA reference removed from Reg 3.3.8 questions.

Section 3, Chapter 12, Appendix 1 to Annex D

Page numbering corrected.

Section 3, Chapter 14, Annex B

Reference to MEAP and Reg 3.5.3 removed as a result of NPRM 01-07.

Section 3, Chapter 17

Chapter has been completely revised.

Section 3, Chapter 17, Annex A

New annex detailing NAA definitions of critical parts.

Section 3, Chapter 17, Annex B

New annex providing ENSIP and ESIP comparison.

Section 3, Chapter 18

New chapter providing OHS in design guidance as a result of DGTA NPRM 02-07.

Section 4, Chapter 1

Reference to Interim Maintenance Authority removed.

Correction to wording of Paragraph 30.

Reference to DEF(AUST) 9022 added in several places.

AMENDMENT CERTIFICATE

It is certified that the amendments promulgated in the undermentioned Amendment Lists have been incorporated in this copy of the Publication:

Amendment List		Topic/Sect Affected	*Amendment Effect	Amended By	Date
No	Date of Issue				
1	4 Jun 08	Sections 1 to 4	Revised chapter pages	Angus Maclean	5 Jun 08
2					
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*Note. Insert brief details of page(s) amended, inserted or cancelled.

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Amendment List		Topic/Sect Affected	*Amendment Effect	Amended By	Date
No	Date of Issue				
21					
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23					
24					
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26					
27					
28					
29					
30					
31					
32					
33					
34					
35					
36					
37					
38					
39					
40					
41					
42					

*Note. Insert brief details of page(s) amended, inserted or cancelled.

TABLE OF CONTENTS

SECTION 1	INTRODUCTION AND POLICY
CHAPTER 1	THE REGULATORY FRAMEWORK FOR THE MANAGEMENT OF TECHNICAL AIRWORTHINESS
CHAPTER 2	OVERVIEW OF THE ADF TECHNICAL AIRWORTHINESS REGULATORY FRAMEWORK FOR DESIGN-RELATED ENGINEERING
CHAPTER 3	OVERVIEW OF THE ADF TECHNICAL AIRWORTHINESS REGULATORY FRAMEWORK FOR MAINTENANCE
CHAPTER 4	THE POLICY BACKGROUND FOR THE MANAGEMENT OF TECHNICAL AIRWORTHINESS
CHAPTER 5	THE APPLICATION OF THE REGULATIONS TO DESIGNS NOT AFFECTING TECHNICAL AIRWORTHINESS
CHAPTER 6	COMPLIANCE ASSURANCE
SECTION 2	REGULATIONS
CHAPTER 1	ADF TECHNICAL AIRWORTHINESS REGULATIONS
SECTION 3	AEO GUIDANCE
CHAPTER 1	INTRODUCTION AND GUIDELINES TO BECOMING AN AEO
CHAPTER 2	GUIDELINES TO MAINTAINING AN AEO
CHAPTER 3	CONDUCT OF COMMERCIAL AEO AUDITS
CHAPTER 4	GETTING HELP – DESIGN SUPPORT NETWORKS
CHAPTER 5	TECHNICAL INFORMATION (TI)
CHAPTER 6	HOW TO PRODUCE APPROVED DESIGNS
CHAPTER 7	DESIGN ACCEPTANCE
CHAPTER 8	INSTRUCTIONS FOR CONTINUING AIRWORTHINESS
CHAPTER 9	DATA AND DOCUMENTATION
CHAPTER 10	INCORPORATION APPROVAL AND SERVICE RELEASE FOR MINOR CHANGES TO A TYPE DESIGN
CHAPTER 11	AIRCRAFT STRUCTURAL INTEGRITY
CHAPTER 12	PROJECT DESIGN ACCEPTANCE – DGTA’S EXPECTATIONS
CHAPTER 13	TECHNICAL AIRWORTHINESS DIRECTIVES

TABLE OF CONTENTS**SECTION 3 (CONT)**

CHAPTER 14	ADF AIRWORTHINESS AUTHORITY REVIEW REQUIREMENTS FOR NEW AIRCRAFT AND MAJOR AIRCRAFT DESIGN AND ROLE CHANGES
CHAPTER 15	ASCENG'S, DOS'S AND GWEO'S ROLE IN DESIGN ACCEPTANCE AND SERVICE RELEASE OF AIRCRAFT/STORES CONFIGURATIONS
CHAPTER 16	GUIDANCE FOR TECHNICAL AIRWORTHINESS MANAGEMENT OF CIVIL LEASED AIRCRAFT
CHAPTER 17	ENGINE STRUCTURAL INTEGRITY MANAGEMENT
CHAPTER 18	OHS IN DESIGN
CHAPTER 19	WEIGHT AND BALANCE

SECTION 4**AMO GUIDANCE**

CHAPTER 1	AUTHORISED MAINTENANCE ORGANISATIONS GUIDANCE – REGULATION SPECIFIC
CHAPTER 2	AIRCRAFT MAINTENANCE AND MANAGEMENT PROCEDURES GUIDANCE – REGULATION SPECIFIC
CHAPTER 3	MAINTENANCE MANAGEMENT PLAN GUIDANCE – SUGGESTED CONTENT AND ORDER

LIST OF FIGURES

Figure No	Title	Page No
SECTION 1		
2-1	Assignment of Organisational Engineering Authority	2
2-2	Delegation of Engineering Authority to DARs/ASRs	3
2-3	Assignment of Engineering Authority to Service and Commercial AEOs	4
3-1	Certification, Authorisations and Surveillance	2
6-1	Standard Compliance Assurance Model	3
6-2	Modified Compliance Assurance Model	4
SECTION 3		
5-A-1	Technical Information Flow Diagram	5A-1
6-1	Example of both Simple and Complex Design Review Processes	3
6-A-1	Design Control Flowchart for Minor Changes to the Type Design	6A-1
7-A-1	Example of a Design Acceptance Strategy	7A-1
9-1	Relationship between the Three Types of Design Data	3
11-1	ASIP Parts	2
11-2	Primary Information Flow in ASIP Part 5	4
12-D1-1	Example ADF Certification Basis Description	12D1-5
12-E-1	Part of an Example Generic Aircraft Work Breakdown Structure	12E-3

Blank Page

LIST OF TABLES

Table No	Title	Page No
SECTION 1		
5-1	Example of the Classification of Design Activities	2
5-2	Determining the Application of the Regulations to Design Activities	3
SECTION 3		
1-1	Regulation to Guidance Cross-Reference	1 to 5
1-A1-1	Example Regulation Compliance Matrix - XXSPO	1A1-1 to 1A1-3
3-1	Evaluation of Auditor Competence	3
4-A-1	XXSPO Example DSN Table	4A-4 to 4A-5
12-A-1	Excerpts from FAA's Compliance Checklist for the Lockheed 382J	12A-1 to 12A-2
12-B-1	List of Airworthiness Elements for Fixed Wing Aircraft	12B-1 to 12B-4
15-A1-1	Example A/SC Plan Presentation Template	15A1-1
17-B-1	ENSIP and ESIP Comparison	17B-1 to 17B-2
SECTION 4		
1-1	Organisational Structures and Cross Relationships	11
3-1	OPPDM Model for Authorised Maintenance Organisations	2
3-2	Compliance Matrix Format	11

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