

**DEF STAN 00-970 NOTICE OF PROPOSED AMENDMENT  
 (Def Stan 00-970 NPA)**

**Part 1 - Notification of Proposed Amendment**

<p><b>TITLE Defence Standard 00-970 Part 5</b>          Update of Part 5 to Issue 6 as a result of CS25 Amendment 22 and ADS Registered Requests for Change (ADS-RFC)</p>
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<b>Stage of Proposal:</b>	Issue 1		
<b>Def Stan 00-970 NPA Serial No:</b>	2019-001		
<b>Request for Change No:</b>	<i>Multiple, see Attachment 1</i>		
<b>MAA Originator:</b>	Grade/Rank	Name	Post
	C2	Redacted	DSA-MAA-Cert-ADS1b

<b>Affected Part:</b>	Def Stan 00-970 Part 5 Issue 5
<b>Cross-reference to other relevant amendment proposals or documents:</b>	<i>Part 0 Issue 21</i>

<b>ADS Point of Contact details</b>		
<b>Rank/Grade and Name:</b>	As above	
<b>Telephone Number mil/civ;</b>	9679 35379	030 679 35379
<b>Email address:</b>	DSA-MAA-Cert-ADS1b@mod.gov.uk	

<p><b>INTRODUCTION (<i>Not more than 250 words</i>)</b></p> <p><i>This part of the Defence Standard 00-970 is wholly based on and refers to the EASA Certification Specification CS25. Therefore any amendments to the CS25 must be reflected in this standard.</i></p> <p><i>Additionally the Military requirements within this standard have been reviewed by both internal and external agencies resulting in a number of Requests for Change that have been accepted by the MAA for implementation</i></p>
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**SUMMARY OF PROPOSED AMENDMENT**

*See Attachment 1 for detail.*

*Defence Standard 00-970 Part 5 Issue 6 incorporates amendment 22 to EASA CS25  
 Additionally a number of Aircraft Design Standard registered Requests for Change (ADS-RFC)  
 have been submitted and accepted for implementation by MAA SMEs*

**Impact Assessment:**

**Objective: Update 00-970 Part 5 to Issue 6**

**Risk Assessment:**

The impact of not incorporating the recommended changes is the non-conformance of the Military Standard with the Civil Specification and incorrect or non-application of military requirements all of which will negatively affect the airworthiness of the design.

**Courses of Action.**

1. **Do nothing.** *Retain extant Defence Standard Issue resulting in divergent civil specifications and incorrect, obsolete or absent military requirements resulting in potential increased cost/schedule and risk to airworthiness.*
2. **Partial Amendment.** *Not practical will impact cost and Airworthiness as above.*
3. **Full Amendment.** *Maintain continuity with Civil Specifications and military requirements*

**Preferred Course of Action.**

Full Incorporation

**Costs and Benefits:**

1. **Do nothing.** *MAA cannot support divergent Civil Specifications and incorrect/obsolete or missing Military requirements increasing costs and airworthiness risk.*
2. **Partial Amendment.** *Not practicable (see 1 above)*
3. **Full Amendment.** *The solution will retain continuity with Civil Certification Specification and extant military requirements thus reducing risk to airworthiness*

**Location of Draft Change:**

The draft of the above changes can be viewed the Sharepoint Part 5 Workstrands area.

Supporting document links

**Consultation period ends:** (up to 12 weeks)

N/A. Due to the nature of the amendments, (Level 4, see note 1) A consultation period for this proposed amendment is not required.

**Authorised for release to Public/User Consultation:** <sup>1</sup>

Rank/Grade:	Name	Post:	Signature	Date
N/A				

**Approved for release to Public/User Consultation:**

Rank/Grade:	Name	Post:	Signature	Date
N/A				

**NOTE: 1 Levels of Approval**

Changes will be approved at the following levels:

- Level 1. Changes to be retrospectively mandated: **2\* Director Technical**
- Level 2. Changes introducing novel or contentious requirements or resulting in major change to requirements but not retrospectively mandated: **1\* Head Reg/Cert.**
- Level 3. Changes having a significant engineering impact but not retrospectively mandated: **OF5/B1, Dep Head Reg & Cert**
- Level 4. Changes having a Minor engineering impact but not retrospectively mandated: **OF4/B2, SO1, S&ADS**
- Level 5. Changes which are editorial or administrative but not retrospectively mandated: **OF3/C1.**

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<sup>1</sup> Levels of Authorisation and Approval and need for consultation are dependent on the significance of the change. Refer to NOTE 1

**Part 2 - Authorisation of Amendment** (MAA internal use)

**NPA Log of Comments (to be completed once the consultation period has ended).**

Comment reference	Date	From (name)	Post	Précis or Topic of Comment	MAA Response
					n/a

(Use attachments if more space required)

**Recap of Proposal:**

Up-Issue of Def Stan 00-970 Part 5 as a consequence of EASA CS25 amendment 22 together with ADS registered Requests for Change

**Recommendation**

The Part 5 must reflect the latest amendment state of the CS25. Additionally Up-issue is needed to incorporate MAA accepted Requests for Change.  
 See [Sharepoint links for Issue 6 Mark-up doc and completed review action sheets](#)

Rank/Grade:	Name	Post:	Signature	Date
C2	Redacted	Cert- ADS1b	Original Signed	11/02/2019

**Authorisation <sup>2</sup>**

Rank/Grade:	Name	Post:	Signature	Date
C1	Redacted	Cert- ADS	Original Signed	11/02/2019

**Approval <sup>3</sup>**

Rank/Grade:	Name	Post:	Signature	Date
Wg CDR	Redacted	Cert-S&ADS	Original Signed	11/02/2019

<sup>2</sup> Add text/signature boxes as required (copy and paste)

<sup>3</sup> Levels of Authorisation and Approval are dependent on the significance of the change. Refer to NOTE 1

**Part 3 - Notification of Authorised Amendment**  
**(Def Stan 00-970 NAA)**

Document :	Part 5	Sub-Part:	<i>n/a</i>
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ADS Request for Change number :	<i>See Attachment 1</i>	NPA Reference:	<b>2019/001</b>
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Originator:	<i>Redacted</i>	Date:	
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Date amendment to be Incorporated :	<b>28 March 2019</b>
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**APPROVAL**

*This Def Stan 00-970 NPA has been approved for release in accordance with Part 2 above.*

**INCORPORATION**

*The amendment will be incorporated in issue 6*

*Redacted*

***Signed (IAW part 2 Approval).***

**For D MAA**

**Attachment 1**

**Def Stan 00-970 Part 5 Issue 5 is amended as follows:**

1. Section 1, Admin changes for up-issue. Changes to Page iii Revision note, Preface note and Historical Record.
2. Section 2, CS25 Amendment 22 resulting in minor admin changes and ADS-RFCs detailed below.
3. ADS registered and accepted DS 970 Part 5 Requests for Change (ADS-RFC) listed below.

Subpart	Requirement	Title	Change Ref	Originator ref
B	UK25.143a	Moveable Parts of Structure	ADS-RFC-2018/036 Date 01/11/2018	DAT- MCRI-09-RFC UK25.143a
B	UK25.233a	Directional Stability and Control	ADS-RFC-2018/027 Date 17/08/2018	DAT - MCRI-09-RFC UK25.1a
C	UK25.301b	Ramp Loads	ADS-RFC-2018/037 Date 01/11/2018	DAT- MCRI-09-RFC UK25.301b
C	UK25.321a	Operational Flight Loads	ADS-RFC-2018/038 Date 01/11/2018	DAT- MCRI-09-RFC UK25.321a
C	UK25.397a	Control System Loads	ADS-RFC-2018/029 Date 17/08/201	DAT - MCRI-09-RFC UK25.397a
C	UK25.397b	Side Stick	ADS-RFC-2018/030 Date 17/08/2018	DAT- MCRI-09-RFC UK25.397b
C	UK25.491a	Reverse Taxi	ADS-RFC-2018/031 Date 17/08/2018	DAT- MCRI-09-RFC UK25.491a
C	UK25.459a	Bomb Bay and Door Loads (see 036)	ADS-RFC-2018/039 Date 01/11/2018	DAT- MCRI-09-RFC UK25.459a
D	UK25.671a	Combat Vulnerability, Primary, Trim, Servo and engine controls	ADS-RFC-2018/040 Date 01/11/2018	DAT- MCRI-09-RFC UK25.671a
F	UK25.1315a	Negative Acceleration	ADS-RFC-2018/032 Date 17/08/2018	DAT- MCRI-09-RFC UK25.1315a