



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

TITLE OF PROPOSAL: Organisational changes including post titles and e-mails

Stage of Amendment:	Development
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Def Stan 00-970	2012-005	
NPA Serial No:		
Unsatisfactory Report Serial No:		
MAA Originator:	C2/Grade R A Bennett-Jones	MAA-Cert-ADS1a

Affected Part: (including paragraphs)	All parts Preface, Part 0 Sections 1 and 3
Cross-reference to other relevant amendment proposals or documents:	
Proposed Issue Date	Jun 2012

Weblink of where this document can be accessed
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ADS Point of Contact details		
Rank/Grade and Name:	As above	
Telephone Number mil/civ;	9679 35109 / 35366	030 679 35109 / 35366
Civilian Email address:	MAA-Cert-ADS Group@mod.uk	

Part 1 (for issue to Regulated Community)
INTRODUCTION (Not more than 250 words)
<i>The new text will be clearly identifiable within Annex A.</i>
Replacement of reference.
1. As the MAA has developed there have been changes to the Post titles, e-mails and Committees/Management groups.
2. Following the above; changes need to be made to the Preface of the document and to Part 0.
3. This amendment proposal is to administer these changes and to provide an audit record.

SUMMARY OF PROPOSED AMENDMENT

Change: See Annex A

Impact Assessment:

Objective: Clarification of the management of the document

Risk Assessment: The impact of not incorporating the recommended changes is the possibility of misinterpretation of the requirement

Courses of Action.

1. **Do nothing.** The option to do nothing is not desirable for the following reason. Not incorporating the changes will result in the difficulty in contacting the correct department within the MAA responsible for any query, leading to possible ambiguity of the requirements and lack of full compliance.
2. **Partial Amendment** – Due to the nature of the change partial amendment is not considered.
3. **Full Amendment.** There is no reason that full implementation of all the changes should not be completed. The changes will remove possible confusion within 00-970. There is no call for Retrospective mandating.

Preferred Course of Action. Amendment

Benefits and Costs:

1. **Do nothing.** There is little benefit of this option and could result in increased confusion and non compliance with Def Stan 00-970.
2. **Partial Amendment – No benefit.**
3. **Full Amendment.** Full amendment will clarify the Def Stan 00-970 responsibilities, resulting in improved overall compliance with the document. The changes proposed here represent current practice and would have no or little economic impact.

Post Implementation Review:

Timing of post-implementation review.

The author will establish the impact of the implementation of the change and consider lessons learned from this implementation.

Consultation period ends: 30 Jun 2012

The consultation period for this proposed amendment ends on the stated date. Please send your feedback via email to MAA-Cert-ADS group@mod.uk.



Part 2 (for MAA internal use)

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

Recap of Proposal: *A short summary of the proposal amendment including what changes were incorporated following the consultation period.*

Recommendation. *This section will be completed once all the comments have been received. The recommendation is for the relevant Head of Division to approve the proposal.*

Approval. *This section will detail exactly what has been approved and by whom, and confirm the date for the amendment to be incorporated as well as the date the NPA should be reviewed to determine what the effects of the amendment were in terms of meeting the objective of the change, if there were any unintended consequences and establishing whether the estimated costs were correct.*

Accepted changes will be authorised at the following levels:

- Changes requiring retrospective mandate: 2 *
- Changes not requiring retrospective mandate but having an engineering impact: 1*
- Changes deemed as administrative only: C1 or Equivalent.

Approved by:

Signature	
Name	
Rank/Grade	
Post	
Date signed	
Date for amendment to be incorporated	
Date for NPA review to take place	



Part 3 - NOTIFICATION OF AUTHORIZED AMENDMENT (Def Stan 00-970 NAA)

Document Part:		Sub-Part	
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Unsatisfactory Report Reference		NPA Reference	
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Originator		Date	
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Amendment to be Incorporated on	XX/XXX/XX
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INTRODUCTION

AUTHORIZED AMENDMENT

FURTHER ACTION

APPROVAL

This Def Stan 00-970 NPA has been approved by the xxxx on behalf of DG MAA

INCORPORATION

The amendment will be incorporated in....

Signed (IAW with part 2).

for DG MAA



Annex A

Existing Text

PREFACE

- a. This Part of the Defence Standard provides requirements and guidance for the design of aircraft to meet the airworthiness requirements for UK military operation. The requirements stated herein shall be applied by the Ministry of Defence (MOD) and the contractor as agreed and defined in the contract.
- b. This Part of the Defence Standard has been produced by the Joint Airworthiness Committee (JAC). The JAC is composed of representatives from the Military Aviation Authority (MAA), the MOD Service Departments, and the Aerospace, Defence and Security Industries (A|D|S), previously known as Society of British Aerospace Companies.
- c. This Part of the Standard has been agreed by the authorities concerned with its use and is intended to be used whenever relevant in all future designs, contracts, orders etc. and whenever practicable by amendment to those already in existence. If any difficulty arises which prevents application of this Part of the Defence Standard, or if there are any suggestions or queries relating to its contents, these should be addressed to: MAA-Tech-Cert-ADS GroupMailbox@mod.uk
- d. Please address any enquiries regarding this standard, whether in relation to an invitation to tender or to a contract in which it is incorporated, to the responsible technical or supervising authority named in the invitation to tender or contract.
- e. Compliance with this Defence Standard shall not in itself relieve any person from any legal obligations imposed upon them. Project Leaders are to ensure that equipment procured from outside of the European Union (EU), meets or exceeds those legal requirements mandated within the EU (See MAA 01 Chapter 1 and the RA1000 Series).
- f. This standard has been devised solely for the use of the MOD and its contractors in the execution of contracts for the MOD. To the extent permitted by law, the MOD hereby excludes all liability whatsoever and howsoever arising (including, but without limitation, liability resulting from negligence) for any loss or damage however caused when the standard is used for any other purpose.

2 Warning

The Ministry of Defence (MOD), like its contractors, is subject to both United Kingdom and European laws regarding Health and Safety at Work. Many Defence Standards set out processes and procedures that could be injurious to health if adequate precautions are not taken. Adherence to those processes and procedures in no way absolves users from complying with legal requirements relating to Health and Safety at Work.

Note: Where a design to the requirements of this document may result in an adverse environmental impact the MOD PTL shall be advised.



Section Three Use of 00-970

10 The document has been formulated as the UK baseline against which a PTL can make judgements to determine the requirements for a specific project. The requirements, with or without explanatory matter, shall not be regarded as constituting a text-book of current aeronautical knowledge. Their interpretation against a background of such knowledge is essential.

11 UK Aircraft Projects – For a new UK aircraft it is anticipated that Def Stan 00-970 will be the contract requirement for design standards to achieve airworthiness. Additional specification requirements will be necessary to ensure that the aircraft design meets all ‘fitness for purpose’ attributes necessary for full operational capability.

12 Multi-National Aircraft Projects – Where an aircraft is to be procured on a multi-national collaborative basis, the PTL should use the appropriate sections of Def Stan 00-970 as a UK baseline for the airworthiness requirements in design.

13 Off The Shelf Procurement – Where an aircraft is procured Off the Shelf the requirements of Def Stan 00-970 are applicable in generating a safety case to support the issue of a UK Military Aircraft Release.



Replacement Text

PREFACE

Standards for Defence

- (a) This Part of the Defence Standard provides requirements and guidance for the design of aircraft to meet the airworthiness requirements for UK military operation. The requirements stated herein shall be applied by the Ministry of Defence (MOD) and the contractor as agreed and defined in the contract.
- (b) This document has been produced on behalf of the Military Aviation Authority Executive Board (MEB) by the Military Aviation Authority (MAA), MAA Technical Group, MOD Abbey Wood.
- (c) The appropriate Parts of this document are to be used, when called up in the Contract, for all future designs, and whenever practicable for amendments to existing designs. If any difficulty arises which prevents application of this document, MAA-Cert-ADS1-DS970 shall be informed so that a remedy may be sought: e-mail: MAA-Cert-ADS Group@mod.uk
- (d) Where the requirements of other Standards are considered applicable, the relevant chapters and/or clauses are cross-referenced by this Part of the Defence Standard.
- (e) Any enquiries regarding this document in relation to an invitation to tender or a contract in which it is incorporated are to be addressed to the relevant MOD Project Team Leader (PTL) named in the invitation to tender or contract.
- (f) Please address any enquiries regarding this standard, whether in relation to an invitation to tender or to a contract in which it is incorporated, to the responsible technical or supervising authority named in the invitation to tender or contract.
- (g) Compliance with this Defence Standard shall not in itself relieve any person from any legal obligations imposed upon them. Project Leaders are to ensure that equipment procured from outside of the European Union (EU) meets or exceeds those legal requirements mandated within the EU (See MAA 01 Chapter 1 and the RA1000 Series).
- (h) This standard has been devised solely for the use of the Ministry of Defence (MOD) and its contractors in the execution of contracts for the MOD. To the extent permitted by law, the MOD hereby excludes all liability whatsoever and howsoever arising (including, but without limitation, liability resulting from negligence) for any loss or damage however caused when the standard is used for any other purpose.

2 Warning

This document calls for the use of substances and/or procedures that may be injurious to health if adequate precautions are not taken. It refers only to technical suitability and in no way absolves either the designer, the producer, the supplier or the user from statutory and all other legal obligations relating to health and safety at any stage of manufacture or use.

Note: Where a design to the requirements of this document may result in an adverse environmental impact the MOD PTL shall be advised.



Section Three Use of 00-970

10 Def Stan 00-970 is the default Type Certification Basis (TCB), in accordance with MAA Regulatory Publications (MRP) Regulatory Article (RA) 1500, for all new UK military air systems requiring registration by the MAA, and Major Changes to the Type Designs of such systems and those already on the Military Register. It has been formulated as a set of airworthiness regulations aimed at achieving designs that deliver the required level of safety required of aircraft operating under the provision of the Military Register. As such, Def Stan 00-970 should either be specified by Type Airworthiness Authorities (TAAs) as the TCB for their Type Design or Major Change, or the equivalence of the TCB with the appropriate clause of Def Stan 00-970 should be demonstrated for each element of the Type Design or Major Change. MRP RA 1500 contains further guidance on the Certification of Military Registered Air Systems.

11 Def Stan 00-970 also provides TAAs and Duty Holders (DHs) with a baseline for designs that deliver an acceptable level of safety, against which they can quantify the Airworthiness risk that they own and manage.

12 The requirements of Def Stan 00-970 must be interpreted intelligently. TAAs and DHs are not absolved of their responsibility to ensure the safety of aircraft and personnel solely by delivering Type Designs or Major Changes that comply with the requirements of this Standard.

13 Def Stan 00-970 is not intended to provide requirements to ensure the fitness for purpose of Type Designs or Major Changes. Where such material is contained in the Standard MAA Certification Division staff may be approached to clarify its applicability.