

Application for Military Air System Certification Process (MACP)

Introduction

1. Regulatory Article (RA) 5810¹ and RA 5820² require that the Type Airworthiness Authority (TAA) initiates MACP activity through the use of a MAA Form 30. The form below details the information required for the MAA's Certification Division to initiate an independent review of the proposed activity.

RA 5810 Procedure

2. Applications³ for a Military Type Certificate (MTC) shall be made by populating sections 1 - 4 and Annex A.

RA 5820 Procedure

3. Applications⁴ for a change in Type design shall be made by populating sections 1 – 4 and Annex B.

4. An MAA Form 30 may be used to notify the TAA of Minor changes⁵ which are made by either a DO (within their authorised privilege) or an authorised LoAA holder.

MAA Form 30 Completion Instructions:

<https://www.gov.uk/government/publications/regulatory-article-ra-5810-military-type-certificate-mtc-mrp-21-subpart-b>

5. All MAA Form 30 applications (excluding Minor changes) shall be submitted to the Planning and Task Coordination (PTC) team for processing;

Email: DSA-MAA-CertPTCGroup@mod.gov.uk
Telephone: 030 679 82565

¹ Refer to RA 5810 – Military Type Certificate (MRP Part 21 Subpart B).

² Refer to RA 5820 – Changes in Type Design (MRP Part 21 Subpart D).

³ The TAA must be the Applicant for New Air Systems.

⁴ The TAA must be the Applicant for Major Changes and Mark Number Changes. A Letter of Airworthiness Authority (LoAA) holder or a Design Organization (DO) under privilege may be the Applicant for Minor Changes.

⁵ A minor change is one that has no appreciable effect on the mass, balance, structural strength, operational characteristics, or other characteristics affecting the Airworthiness of the Air System. Refer to RA 5820 Changes in Type Design (MRP 21 Sub Part D).

Application for Military Aircraft Certification Process (MACP) Initiation

SECTION 1: Points of Contact

1.1	Delivery Team (DT)		
1.2	Name	<u>Applicant</u> ⁶	<u>DT Certification Manager</u>
1.3	Telephone Number		
1.4	E-Mail Address		
1.5	Valid LoAA	<input type="checkbox"/>	<input type="checkbox"/>

SECTION 2: Air System Type Identification

2.1	Air System Type.	<input type="checkbox"/> Fixed Wing Air System	<input type="checkbox"/> Rotary Air System	<input type="checkbox"/> RPAS ⁷
2.2	Type, Mark and Model Description			
2.3	Existing Approvals & Certificates Numbers	Include Civil Type and Military Type Derivatives as required.		
2.4	Manufacturer			

SECTION 3: Proposed Key Milestone Dates

3.1 Key MACP / Capability Milestone	Proposed Date of Submission to the MAA (The MAA will allocate resource to the dates provided below)
Technical Familiarisation Presentation to the MAA, Defence Equipment & Support Air-worthiness Team and Release To Service Authority (To be delivered within 10 working days of MAA Form 30 submission)	
Type Certification Basis (TCB)	
Certification Programme	
Type Certification Exposition (TCE)	
Release To Service Recommendation (RTSR)	
Initial Release To Service (RTS)	

3.2 Key Acquisition Milestone	Planned Date of DT Achievement	
Strategic Outline Case		
Initial Gate / Outline Business Case		
Main Gate / Full Business Case		
Rationale for not providing a 'Proposed Date' for any of the dates in 3.1 and 3.2 above ⁸		
SECTION 4: Applicant's Declaration		
4.1 By signing this form, I confirm that the information contained herein is correct and complete.		
Date	Name	Signature

Annexes:

- A. Project Details for Military Type Certificate Application.
- B. Project Details for Change in Type Design Application.

⁶ When the change is Major, the TAA will be the applicant and send to the MAA. When the change is Minor, and the TAA elects to use the MOD Form 30, a DO (with appropriate privilege) or LoAA holder may be the applicant.

⁷ Remotely Piloted Air System

⁸ Failure to provide 'Proposed Dates' will result in a rejection of the MAA Form 30, unless strong rationale can be provided to explain why dates are not included.

Annex A: Project Details for Military Type Certificate Application		
A1	Air System	This will be referenced throughout the MACP and on the Type Certificate following completion - ie Type-Mk#-Project designation as appropriate.
A2	Description	Note a Technical Familiarisation presentation is requested within 10 working days of submission to enable MAA assessment of the projects scale and complexity. Include your proposed date in Section 4. Attach additional files as required - certification Strategy, schematics, operating characteristics and limitations.
A3	Designated Certification Specification for Airworthiness	
A4	Coordinating Design Organisation (CDO) Name and Reference Number	
A5	DO for the Air System, Name and Reference Number	
A6	Design Safety Target (DST) ⁹	DST
		Explanation

⁹ Refer to RA 1230 – Design Safety Targets.

Annex B: Project Details for Change in Type Design Application		
<ul style="list-style-type: none"> • Major Change. When the change is Major, the TAA will be the applicant and send to the MAA. • Minor Change. When the change is Minor, and the TAA has elected to use the Form 30, a DO (with appropriate privilege) or LoAA holder may be the Applicant will send it to the TAA. 		
B1 Project Title	This will be referenced throughout the MACP and on the Type Certificate following completion - ie Type-Mk#-Project designation as appropriate.	
B2 Classification ¹⁰	<input type="checkbox"/> Major Change <input type="checkbox"/> Mark Number Change <input type="checkbox"/> Minor Change	
B3 Proposed Assurance	<input type="checkbox"/> MAA Assurance <input type="checkbox"/> TAA Assurance with MAA Oversight	
B4 Major Change - Sub Classification	<input type="checkbox"/> Substantial <input type="checkbox"/> Significant <input type="checkbox"/> Not Significant	
B5 Systems Affected by Change	<input type="checkbox"/> Structures <input type="checkbox"/> Propulsion <input type="checkbox"/> Mechanical <input type="checkbox"/> Avionics <input type="checkbox"/> Weapons Integration <input type="checkbox"/> Programmable Elements	
B6 Justification of Classification and Proposed Assurance		
B7 Description	<p>Note a Technical Familiarisation presentation is requested within 10 working days of submission to enable MAA assessment of the certification assurance required. Include your proposed date in Section 4.</p> <p>Attach additional files as required - major minor change record template, schematics, system diagrams, certification strategy.</p>	
B8 Certification Specification(s) for Airworthiness		
B9 CDO Name and Reference Number		
B10 DO for the Change, Name and Reference Number		
B11 DST ⁹	DST	
	Explanation	
B12 TAA Signature if the Change is Classified as Minor		
Date	Name	Signature

¹⁰ Refer to RA 5820(1): Classification of Changes in Type Design (MRP Part 21.A.91).