



Military Type Certificate Holder Responsibilities

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DGTA-ADF DDAAFS ACPA



Scope

- **Background**
- **Problem**
- **Solution**



Background

- DASR 21 -> EMAR 21 -> EASA 21
- EASA 21:
 - TC applicant is Aircraft OEM
 - TC holder must demonstrate capability
 - TC holder obligations required by law
 - Aircraft only operate within TCB
- EMAR 21 unchanged
 - Except for addition of ‘military’



Problem

- Phase 1 transition
 - Maintain current levels of safety
 - Minimal changes
 - AMTC and AwB processes continue
- AMTC
 - Aircraft OEM is not the applicant
 - Applicant is different to the holder
 - Org performing holder obligations may not represent the OEM
 - Many Commonwealth organisations lack design capability
 - DASR are not enshrined in Aust law
 - Aircraft don't always operate within TCB



Problem

- **TC vs MTC**
 - Not all Defence aircraft are derivatives of a civil TC design
 - Not all Defence aircraft have a military TC issued for the base aircraft
 - Some Defence aircraft are members of a global fleet
 - Geographical distance from TC holder



Solution

- **1. Recognise civil/other TC process**
 - Contribution to Australian config
 - Do we need to issue an AMTC?
- **2. Why do we issue AMTCs?**
 - Document the Australian configuration
 - Establish initial safety of the design
 - Control the Type Design
 - (new) actively manage TD in-service



AMTC process

- 1. Defence Project Office is the applicant
 - PEM delegation to verify/review compliance findings
- 2. AMTCs issued only to Defence orgs
 - Org performing holder obligations not representative of OEM
 - Holder 'rights' incompatible with AMTC use
- 3. Defence org holds AMTC only if capacity can be demonstrated
 - Legacy SPOs only (not Thin SPOs)
- 4. DGTA retains AMTC if no suitable Defence org
 - MTC holder delegate to manage AMTC on Authority's behalf
 - TLS contractor MDOA holder does not hold the AMTC



MTC holder delegate

- **Application:**
 - DASR Form 4
 - MTCH exposition



MTCH exposition

- Aircraft type design assessment
- Support from through other civil or military TCs
- Military operational role and environment
- Key organisations managing the aircraft's type design
- Australian military capabilities
 - individual key engineering positions
 - ability to recruit and train new staff
 - access to data
- Other military and civil operator's programs
- MTC holder arrangements



MTC holder delegate

- **Duties:**
 - Ensure commercial MDOA holder is contracted to perform holder obligations
 - Oversight commercial MDOA holder's performance of obligations
 - Assess Type Design risk of ops outside the cert basis
 - Coordinate the input of SMEs
 - Advise operator through CAMO



Foreign organisations

- **Equivalency to DASR 21 MDOA holder**
- **Equivalency of MTC holder obligations**
- **Proposal for oversight**
- **Treatment of products/designs**

