



DEPARTMENT OF THE AIR FORCE
HEADQUARTERS AERONAUTICAL SYSTEMS CENTER (AFMC)
WRIGHT-PATTERSON AIR FORCE BASE OHIO

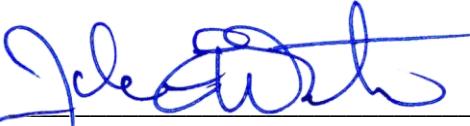
BULLETIN
AWB-015A
27 MAY 2011
(supersedes AWB-015)

USAF AIRWORTHINESS BULLETIN AWB-015A

Subject: Military Type Certificate (MTC) and Supplemental Military Type Certificate (SMTc)

Attachments: (1) Glossary of References and Supporting Information
(2) MTC Template
(3) SMTc Template

- 1. Purpose:** Provides templates and instructions for issuance of the MTC and SMTc.
- 2. Office of Primary Responsibility (OPR):** USAF Airworthiness Office (ASC/EN). Comments, suggestions, or questions on this bulletin should be emailed to the USAF Airworthiness Office (ASC.ESI.Mailbox@wpafb.af.mil).
- 3. Military Type Certificate (MTC):** Air Force Instruction (AFI) 62-601, *USAF Airworthiness*, requires the Technical Airworthiness Authority (TAA) to issue an MTC for an air system when the Program Manager (PM) has shown compliance with the approved certification basis, including any approved exemptions. This shall be documented in the Tailored or Modification Airworthiness Certification Criteria (TACC/MACC) Compliance Report per AWB-005. Waivers shall not be requested in conjunction with MTCs. All newly designated Mission Design Series (MDS) aircraft require an MTC.
- 4. Supplemental Military Type Certificate (SMTc):** This bulletin supplements AFI 62-601 by introducing SMTCs. An SMTc is issued by the TAA for air system reportable modifications with a previously issued MTC or legacy airworthiness certification issued by the PM. The PM must attest to the TAA that the interrelationship between the change in the type design and any previously approved configuration will not introduce any adverse effect upon the airworthiness or safety of the air system. Waivers shall not be requested in conjunction with SMTCs.
- 5. Templates:** Attachments 2 and 3 illustrate the format for the MTC and SMTc. The templates are editable, Microsoft Word documents that can be found on the USAF Airworthiness SharePoint website.


JOHN E. WHITE, SES
Director, Engineering
Aeronautical Systems Center
USAF Technical Airworthiness Authority

Distribution Statement A. Approved for public release; distribution unlimited.

Attachment 1

GLOSSARY OF REFERENCES AND SUPPORTING INFORMATION

References

AFPD 62-6, *USAF Airworthiness*
AFI 62-601, *USAF Airworthiness*
MIL-HDBK-516, *Airworthiness Certification Criteria*
USAF AWB-005, *Tailored Airworthiness Certification Criteria/Modification Airworthiness Certification Criteria (TACC/MACC) Document Construction and Format*
USAF Airworthiness SharePoint website;
<https://cs.eis.afmc.af.mil/sites/AeroEngDisciplines/Systems/Airworthiness/default.aspx>

Abbreviations and Acronyms

AFI – Air Force Instruction
AWB – Airworthiness Bulletin
MACC – Modification Airworthiness Certification Criteria
MDS – Mission Design Series
MTC – Military Type Certificate
OPR – Office of Primary Responsibility
PM – Program Manager
SMTC – Supplemental Military Type Certificate
TAA – Technical Airworthiness Authority
TACC – Tailored Airworthiness Certification Criteria

Terms

Certification Basis—The set of approved airworthiness certification criteria, standards, methods of compliance, and exemptions that apply to a specific air system. It is typically derived from *MIL-HDBK-516, Airworthiness Certification Criteria*.

Military Type Certificate (MTC)—The TAA- issued document which provides evidence that the aircraft system type design is in full compliance with its approved certification basis.

Supplemental Military Type Certificate (SMTC) — The TAA-issued document which provides evidence that the change in the aircraft system type design is in full compliance with its approved certification basis.

Attachment 2
MILITARY TYPE CERTIFICATE TEMPLATE



UNITED STATES OF AMERICA
DEPARTMENT OF DEFENSE – UNITED STATES AIR FORCE

Military Type Certificate

Certificate Number

*This certificate issued to **Name of the Organization** in accordance with
Air Force Policy Directive 62-6, USAF Airworthiness, certifies that the type design for
the following aircraft Mission Design Series meets the certification basis specified in the
Document(s)*

Aircraft MDS

*This certificate shall remain in effect until the service life limit, defined in each aircraft's Military
Certificate of Airworthiness, is reached or until rescinded by the USAF Technical Airworthiness Authority.*

*Date of Issuance: **Date***

Approved by:

TAA Name, SES
*Director, Engineering
Aeronautical Systems Center
USAF Technical Airworthiness Authority*

Instructions for completing this Military Type Certificate:

Certificate number Issued by USAF TAA

Name of Organization Program Office name

Document(s) If the MDS is a new air system, then the document will be the title/configuration number/date of a Tailored Airworthiness Certification Criteria Compliance Report. If the MDS is a legacy aircraft modified to such an extent that a new MDS is created, then the document will be the title/configuration number/date of a combination of the Modification Airworthiness Certification Criteria Compliance Report and legacy Airworthiness Certificate.

Aircraft MDS Assigned MDS (e.g., F-15E)

Date of Issuance Signature date

Typed TAA Name TAA signs above his/her typed name.

Attachment 3
SUPPLEMENTAL MILITARY TYPE CERTIFICATE TEMPLATE



UNITED STATES OF AMERICA
DEPARTMENT OF DEFENSE – UNITED STATES AIR FORCE

Supplemental Military Type Certificate

Certificate Number

*This certificate issued to **Name of the Organization** in accordance with
Air Force Instruction 62-601, USAF Airworthiness, certifies that the change in the type design
for the following aircraft Mission Design Series meets the certification basis specified in the **MACC Title**
Modification Airworthiness Certification Criteria Compliance Report*

*Military Type Certificate: **MTC Number***

Aircraft MDS

*This certificate shall remain in effect until the service life limit, defined in each aircraft's Military
Certificate of Airworthiness is reached or until rescinded by the USAF Technical Airworthiness Authority.*

*Date of Issuance: **Date***

Approved by:

***TAA Name, SES**
Director, Engineering
Aeronautical Systems Center
USAF Technical Airworthiness Authority*

Instructions for completing this Supplemental Military Type Certificate:

Certificate number Issued by USAF TAA

Name of Organization Program Office name

MACC Title Title/configuration number/date of the Modification Airworthiness Certification Criteria Compliance Report

MTC Number Military Type Certificate number

Aircraft MDS Assigned MDS (e.g., F-15E)

Date of Issuance Signature date

Typed TAA Name TAA signs above his/her typed name.