



SWEDISH ARMED FORCES
Military Design Organisation Approval
Certificate

SE.EMAR.21J.097

Pursuant to the Swedish Aviation Act (2010:500), Swedish Aviation Ordinance (2010:700), Swedish Armed Forces Regulation FFS 2019:10 for Military Aviation and to special provisions in SE-EMAR and subject to the conditions specified below, the Swedish Military Aviation Authority, SE-MAA hereby certifies

Täby Air Maintenance AB

**Örebro Flygplats
SE-705 94 ÖREBRO**

as a MILITARY DESIGN ORGANISATION
approved according to SE-EMAR 21, Section A, Subpart J.

CONDITIONS:

1. This approval is limited to that specified in the enclosed Terms of Approval, and
2. This approval requires compliance with the procedures specified in the approved Design Organisation Exposition reference TAM MDOE, in the latest revision, and
3. This approval is valid whilst the approved Military Design Organisation remains in compliance with SE-EMAR 21, Section A, Subpart J.
4. Subject to compliance with the forgoing conditions, this approval shall remain valid until surrendered or revoked.

Date of original issue: 2021-12-13

Date of this revision: 2021-12-13

Revision No: 0

Signed


For the SE-MAA: Director of Military Aviation Authority, FSI





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| SWEDISH ARMED FORCES | Täby Air Maintenance AB Org. nr: 556135-8796 | TA: SE.EMAR.21J.097 |
| Terms of Approval Military Design Organisation Approval Certificate SE.EMAR.21J.097 | | |
| Section 1. Scope of work | | |
| The holder of the military design organisation approval is entitled to design in accordance with the applicable type certification basis requirements as defined in section 4, 5 and 6. | | |
| Section 2. Privileges | | |
| <p>a) The holder of this military design organisation approval shall be entitled to perform design activities under SE-EMAR 21 and within its scope of approval as per 21.A.263(a).</p> <p>b) Subject to 21.A.257(b), the Authority shall accept without further verification the following compliance documents submitted by the holder of this military design organisation approval for the purpose of obtaining, as per 21.A.263(b):</p> <ol style="list-style-type: none">1. Not applicable;2. Not applicable;3. A military supplemental type-certificate;4. Not applicable;5. A major repair design approval. <p>c) The holder of this military design organisation approval shall be entitled, within its term of approval and under the relevant procedures of the design assurance system, as per 21.A.263(c):</p> <ol style="list-style-type: none">1. To classify changes to type design and repairs as "major" or "minor";2. To approve minor changes to type design and minor repairs;3. To issue information or instructions containing the following statement: "The technical content of this document is approved under the authority of MDOA SE.EMAR.21J.097";4. To approve minor revisions to the aircraft flight manual and supplements, and issue such changes containing the following statement: "Revision nr. YY to AFM (or supplement) ref. (ZZ), is approved under the authority of MDOA SE.EMAR.21J.097";5. To approve the design of major repairs to products for which it holds the supplemental type-certificate;6. Not applicable;7. Not applicable. | | |



- d) For a military product derived from a civil certified product, the holder of this MDOA shall be entitled, within its term of approval and under the relevant procedures of the design assurance system, as per 21.A.263(d):
1. To declare the applicability, through validation of no impact to the military certification basis and the intended use, of the following when it has already been approved by a recognized civil airworthiness authority:
 - i. A modification;
 - ii. An instruction for continuing airworthiness;
 - iii. Revisions to the flight manual
 - iv. Revisions to the maintenance manual.
 2. To approve the following, when it has already been approved by a recognized civil airworthiness authority and when it has been declared to be applicable to the military product:
 - i. A major modification;
 - ii. Revisions to the flight manual;
 - iii. Revisions to the approved sections of the maintenance manual.

Section 3. Obligations

The holder of the military design organisation approval shall per as 21.A.265:

- a) Maintain the MDOE in conformity with the design assurance system;
- b) Ensure that this MDOE is used as a basic working document within the organisation;
- c) Determine that the design of products, or changes or repairs thereof, as applicable, comply with applicable airworthiness requirements and have no unsafe feature;
- d) Except for minor changes or repairs approved under the privilege of SE-EMAR 21.A.263, provide to the Authority statements and associated documentation confirming compliance with paragraph (c) and (d);
- e) Provide to the Authority information or instructions related to required actions under SE-EMAR 21.A.3B;
- f) Not applicable;
- g) Not applicable;

Section 4. Categories

See Annex A

Section 5. List of Products

Not applicable.

Section 6. Limitations

The design of repairs to Principal Structural Elements (PSE) or critical parts are excluded.
Development and demonstration of compliance to SW or AEH is excluded.
Development of OSD excludes the OSD constituent SIMD.



Date of original issue: 13 December 2021

Date of last revision approved: 13 December 2021

Revision No: 0



Signed

For the SE MAA: Director of Military Aviation Authority, FSI



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Annex A

Scope of work

| | MTC | MSTC | Major Changes | Minor Changes | Major Repairs | Minor Repairs | Flight Conditions | Permit To Fly |
|---|-----|------|---------------|---------------|---------------|---------------|-------------------|---------------|
| Large Aeroplane | | | | | | | | |
| Avionics | | | | | | | | |
| Autoflight systems | | | | | | | | |
| Communication systems | | | | | | | | |
| Diagnostic and Maintenance systems | | | | | | | | |
| Indicating, Alerting systems | | | | | | | | |
| Navigation systems | | | | | | | | |
| Recording systems | | | | | | | | |
| Surveillance systems | | | | | | | | |
| Cabin | | | | | | | | |
| Cabin interiors | | | | | | | | |
| Cargo compartments | | | | | | | | |
| Electrical cabin systems | | | | | | | | |
| External schemes, placards and markings | | | | | | | | |
| Flight deck interiors | | | | | | | | |
| Environmental Control Systems | | | | | | | | |
| Air conditioning systems | | | | | | | | |
| Water and waste systems | | | | | | | | |
| Hydro-Mechanical Systems | | | | | | | | |
| Hydraulics / Pneumatics systems | | | | | | | | |
| Structures | | | | | | | | |
| Empennage | | | | | | | | |
| Fuselage | | | | | | | | |
| Support for external equipment | | | | | | | | |



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| | MTC | MSTC | Major Changes | Minor Changes | Major Repairs | Minor Repairs | Flight Conditions | Permit To Fly |
|---|-----|------|---------------|---------------|---------------|---------------|-------------------|---------------|
| Small Aeroplane | | | | | | | | |
| Avionics | | | | | | | | |
| Autoflight systems | | | | | | | | |
| Communication systems | | | | | | | | |
| Diagnostic and Maintenance systems | | | | | | | | |
| Indicating, Alerting systems | | | | | | | | |
| Navigation systems | | | | | | | | |
| Recording systems | | | | | | | | |
| Surveillance systems | | | | | | | | |
| Cabin | | | | | | | | |
| Cabin interiors | | | | | | | | |
| Cargo compartments | | | | | | | | |
| Electrical cabin systems | | | | | | | | |
| External schemes, placards and markings | | | | | | | | |
| Flight deck interiors | | | | | | | | |
| Structures | | | | | | | | |
| Control surfaces / Moveables | | | | | | | | |
| Empennage | | | | | | | | |
| Engine mounts | | | | | | | | |
| Fuselage | | | | | | | | |
| Landing gears | | | | | | | | |
| Support for external equipment | | | | | | | | |
| Wings | | | | | | | | |



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| | MTC | MSTC | Major Changes | Minor Changes | Major Repairs | Minor Repairs | Flight Conditions | Permit To Fly |
|---|-----|------|---------------|---------------|---------------|---------------|-------------------|---------------|
| Small Rotorcraft | | | | | | | | |
| Avionics | | | | | | | | |
| Communication systems | | | | | | | | |
| Diagnostic and Maintenance systems | | | | | | | | |
| Indicating, Alerting systems | | | | | | | | |
| Navigation systems | | | | | | | | |
| Recording systems | | | | | | | | |
| Surveillance systems | | | | | | | | |
| Cabin | | | | | | | | |
| Cabin interiors | | | | | | | | |
| Cargo compartments | | | | | | | | |
| Electrical cabin systems | | | | | | | | |
| External schemes, placards and markings | | | | | | | | |
| Flight deck interiors | | | | | | | | |
| Hydro-Mechanical systems | | | | | | | | |
| Hoist systems / Cargo hook | | | | | | | | |
| Hydraulics / Pneumatics systems | | | | | | | | |
| Structures | | | | | | | | |
| Empennage | | | | | | | | |
| Fuselage | | | | | | | | |
| Support for external equipment | | | | | | | | |

Legend:

| | |
|--|-------------------|
| | Title for product |
| | Title for scope |
| | Within scope |
| | Outside scope |