



SWEDISH ARMED FORCES
Military Design Organisation Approval
Certificate

SE.EMAR.21J.071

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

SAAB AB (Publ)
Nyköping

Skavsta Airport
P.O Box 321
SE-611 27 Nyköping

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 MDOE EXP-0035, in the latest revisions, 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: 1 November 2021

Date of this revision: 1 November 2021

Revision No: 0

Signed


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





SWEDISH ARMED FORCES	SAAB AB (Publ) Nyköping Org. nr: 5560360793	TA: SE.EMAR.21J.071
Terms of Approval Military Design Organisation Approval Certificate SE.EMAR.21J.071		
Section 1. Scope of work		
<p>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.</p>		
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. The approval of flight conditions required for a military permit to fly;2. Not applicable;3. A military supplemental type-certificate;4. Not applicable;5. Not applicable; <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.071";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.071";5. Not applicable;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

Changes affecting OSD are excluded.

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Annex A

Scope of work

	MTC	MSTC	Major Changes	Minor Changes	Major Repairs	Minor Repairs	Flight Conditions	Permit To Fly
Small and 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								
Electrical systems								
Electrical generation / distribution systems								
External lighting systems								
Wireless transmission systems								
Flight								
Night Vision Imaging Systems (NVIS)								
Structures								
Control surfaces /Moveables								
Empennage								
Fuselage								
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 and Large Rotorcraft								
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		■	■	■		■		
Electrical systems								
Electrical generation / distribution systems		■	■	■		■		
External lighting systems		■	■	■		■		
Wireless transmission systems		■	■	■		■		
Flight								
Night Vision Imaging Systems (NVIS)				■		■		
Structures								
Empennage						■		
Fuselage		■	■	■		■		
Support for external equipment		■	■	■		■		

Legend:

	Title for product
	Title for scope
	Within scope
	Outside scope