

## APPROVAL CERTIFICATE

EASA.21J.038

Pursuant to Regulations (EU) 2018/1139 and (EU) 748/2012 and subject to the conditions specified below, the Agency hereby certifies

### General Atomics AeroTec Systems GmbH

Claude-Dornier-Straße 1

D-82234 Weßling

Germany

as a DESIGN ORGANISATION

approved according to Part 21, Section A, Subpart J.

#### CONDITIONS :

1. The approval is limited to that specified in the enclosed Terms of Approval, and
2. This approval requires compliance with the procedures specified in the Design Organisation Handbook, reference Entwicklungsbetriebshandbuch, doc. no. E-002-2004DOH, in the latest revision, and
3. This approval is valid whilst the approved Design Organisation remains in compliance with Part 21, Section A, Subpart J.
4. Subject to compliance with the foregoing conditions, this approval shall remain valid until surrendered or revoked.

For the **European Union Aviation Safety Agency**,

Date of issue: 15/03/2021



Iain HIGGINS  
Senior DOA Team Leader

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Issue 13, 15/03/2021

General Atomics AeroTec Systems GmbH

## Terms of Approval

### Design Organisation Approval Certificate

### EASA.21J.038

#### 1 Scope

This Design Organisation Approval is applicable for the scope defined in Annex A for design work with regard to the airworthiness, operational suitability and environmental characteristics of the products.

#### 2 Privileges

- a) (Reserved)
- b) (Reserved)
- c) The holder of this design organisation approval shall be entitled, within the scope of this terms of approval, and under the relevant procedures of the design assurance system:
  - 1. to classify changes to a type-certificate or to a supplemental type-certificate and repair designs as “major” or “minor”;
  - 2. to approve minor changes to a type-certificate or to a supplemental type-certificate and minor repair designs;
  - 3. (Reserved);
  - 4. (Reserved);
  - 5. to approve certain major repair designs under Part 21, Section A, Subpart M to products or auxiliary power units (APUs);
  - 6. to approve for certain aircraft the flight conditions under which a permit to fly can be issued in accordance with point 21.A.710(a)(2), except for permits to fly to be issued for the purpose of point 21.A.701(a)(15);
  - 7. to issue a permit to fly in accordance with point 21.A.711(b) for an aircraft it has designed or modified, or for which it has approved, in accordance with point 21.A.263(c)(6), the flight conditions under which the permit to fly can be issued, and where the holder of this design organisation approval itself:
    - (i) controls the configuration of the aircraft, and
    - (ii) attests conformity with the design conditions approved for the flight;
  - 8. (not applicable);
  - 9. (not applicable).

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### 3 Obligations

The holder of this design organisation approval shall, within the scope of this terms of approval:

- a) maintain the handbook required under point 21.A.243 in conformity with the design assurance system;
- b) ensure that this handbook or the relevant procedures included by cross-reference are used as a basic working document within the organisation;
- c) determine that the design of products, or changes or repairs thereto comply with the applicable specifications and requirements and have no unsafe features;
- d) provide the Agency with statements and associated documentation confirming compliance with point (c), except for approval processes carried out in accordance with point 21.A.263(c);
- e) provide to the Agency data and information related to the actions required under point 21.A.3B;
- f) under the privilege of paragraph 2(c)(6), determine the flight conditions under which a permit to fly can be issued;
- g) under the privilege of paragraph 2(c)(7), establish compliance with points (b) and (e) of point 21.A.711 before issuing a permit to fly to an aircraft;
- h) designate data and information issued under the authority of the approved design organisation within the scope of its terms of approval as established by the Agency with the following statement: "The technical content of this document is approved under the authority of the DOA ref. EASA. 21J.038".

Date of issue: 15/03/2021



Iain HIGGINS  
Senior DOA Team Leader

## Annex A

### Scope of work

	TC	STC	major changes	minor changes	major repairs	minor repairs	flight conditions	permit to fly
<b>Large aeroplane</b>								
<b>Avionics</b>								
Autoflight systems								
Communication systems								
Indicating, Alerting systems								
Navigation systems								
Recording systems								
Surveillance systems								
<b>Cabin</b>								
Cabin interiors								
Cargo compartments								
Electrical cabin systems								
External schemes, placards and markings								
Flight deck interiors								
<b>Electrical Systems</b>								
Electrical generation / distribution systems								
External lighting systems								
Wireless transmission systems								
<b>Flight</b>								
Flight characteristics								
<b>Structures</b>								
Empennage								
Fuselage								
Support for external equipment								
Wings								

	TC	STC	major changes	minor changes	major repairs	minor repairs	flight conditions	permit to fly
<b>Large rotorcraft</b>								
<b>Avionics (non-TCH activity)</b>								
Communication systems								
Indicating, Alerting systems								
Navigation systems								
Recording systems								
Surveillance systems								
<b>Cabin (non-TCH activity)</b>								
Cabin interiors								
Cargo compartments								
Electrical cabin systems								
External schemes, placards and markings								
Flight deck interiors								
<b>Electrical Systems (non-TCH activity)</b>								
Electrical generation / distribution systems								
External lighting systems								
Wireless transmission systems								
<b>Flight (non-TCH activity)</b>								
Flight characteristics								
<b>Hydro-Mechanical Systems (non-TCH activity)</b>								
Hoist systems / Cargo hook								
<b>Structures (non-TCH activity)</b>								
Empennage								
Fuselage								
Support for external equipment								
Wings								

	TC	STC	major changes	minor changes	major repairs	minor repairs	flight conditions	permit to fly
<b>Small aeroplane</b>								
<b>All scope (TCH)</b>								
All areas								
<b>Avionics (non-TCH activity)</b>								
Autoflight systems								
Communication systems								
Indicating, Alerting systems								
Navigation systems								
Recording systems								
Surveillance systems								
<b>Cabin (non-TCH activity)</b>								
Cabin interiors								
Cargo compartments								
Electrical cabin systems								
External schemes, placards and markings								
Flight deck interiors								
<b>Electrical Systems (non-TCH activity)</b>								
Electrical generation / distribution systems								
External lighting systems								
Wireless transmission systems								
<b>Flight (non-TCH activity)</b>								
Flight characteristics								
<b>Structures (non-TCH activity)</b>								
Empennage								
Fuselage								
Support for external equipment								
Wings								

	TC	STC	major changes	minor changes	major repairs	minor repairs	flight conditions	permit to fly
<b>Small rotorcraft</b>								
<b>Avionics (non-TCH activity)</b>								
Communication systems								
Indicating, Alerting systems								
Navigation systems								
Recording systems								
Surveillance systems								
<b>Cabin (non-TCH activity)</b>								
Cabin interiors								
Cargo compartments								
Electrical cabin systems								
External schemes, placards and markings								
Flight deck interiors								
<b>Electrical Systems (non-TCH activity)</b>								
Electrical generation / distribution systems								
External lighting systems								
Wireless transmission systems								
<b>Flight (non-TCH activity)</b>								
Flight characteristics								
<b>Hydro-Mechanical Systems (non-TCH activity)</b>								
Hoist systems / Cargo hook								
<b>Structures (non-TCH activity)</b>								
Empennage								
Fuselage								
Support for external equipment								
Wings								

**Legend:**

	Title for category of product
	Title for design scope
	Title for design area

	Within scope
	Outside scope

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## List of products

Product	Design Activity	Types
Small aeroplane	TC	DORNIER 228 Series (TCDS EASA.A.359) DORNIER 28 Series (TCDS EASA.A.360)

## Limitations

Limitations common to all products and activities	
	<ol style="list-style-type: none"> <li>1. For aircraft for which General Atomics AeroTec Systems GmbH is not TC Holder, the privilege to approve the flight conditions supporting permit to fly is limited to the technical capability defined in the scope.</li> <li>2. Operational Suitability Data excludes the OSD constituents Simulator Data and Maintenance Certifying Staff Data.</li> <li>3. Repair designs as non-TCH on structures are limited to secondary structures within the cabin and the cockpit.</li> <li>4. The privilege under paragraph 2(c)(5) is limited to the approval of the design of major repairs to products for which it holds the type-certificate or the supplemental type-certificate.</li> </ol>

Product	Limitations particular to each product
Large aeroplane	For non-TCH activity:
Large rotorcraft	For non-TCH activity:
Small aeroplane	For non-TCH activity:
	For TCH activity: <ol style="list-style-type: none"> <li>1. Design of new small aeroplane TC is excluded</li> <li>2. When General Atomics AeroTec Systems GmbH is using the privilege to approve flight conditions supporting permit to fly for in-service aircraft for which it is TC Holder, outside flights related to development or showing of compliance for changes and repairs approval purpose, the privilege is limited to aircraft which are under the control of its maintenance organisation.</li> </ol>
Small rotorcraft	For non-TCH activity: