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# SPECIFIC AIRWORTHINESS SPECIFICATION

NO. EASA.SAS.A.667

**Textron Aviation Inc.  
Cessna 172N**

**as specified in Section I**

This Specific Airworthiness Specification is issued in accordance with Regulation (EC) 216/2008 Article 20(1)(b) and Regulation (EU) 748/2012 Part 21, paragraph 21A.173 for the purposes of the issue of a restricted category certificate of airworthiness.



# CONTENT

## SECTION 1: Aircraft Design Definition

The certification basis of this aircraft is:

- (1) Type Certificate Data Sheet: FAA US 3A12  
([https://rgl.faa.gov/Regulatory\\_and\\_Guidance\\_Library/rqMakeModel.nsf/0/a444abc8f3357f6c86257ea4004e8ae6/\\$FILE/3A12\\_Rev\\_84.pdf](https://rgl.faa.gov/Regulatory_and_Guidance_Library/rqMakeModel.nsf/0/a444abc8f3357f6c86257ea4004e8ae6/$FILE/3A12_Rev_84.pdf))
- (2) National Austrian approval for hail prevention system:  
Initial approval Nr. OE-DLS/20-6/93 Dated 15 April 1993  
This approval is grandfathered by EASA under Regulation (EU) 748/2012 Article 3 Paragraph 1(a).
- (3) The essential requirements for airworthiness according to Annex II of the basic regulation (EU) 2018/1139 cannot be fulfilled due to the fact that the environment this installation is intended to be used in, is not envisioned by the existing certification specifications (e.g. lightning strike, hail, turbulence in the vicinity of active thunderstorm clouds, use of pyrotechnical equipment, et.al.).  
Thus, this installation will require a restricted certificate of airworthiness.

## SECTION 2: Airworthiness Directives

All Airworthiness Directives applicable to Textron Aviation Cessna 172N model apply to this aircraft.

## SECTION 3: Occurrence Reporting

The Specific Airworthiness Specification may be used as a basis for the issue of a Restricted Certificate of Airworthiness in accordance with 21A.173 (b)(2) under the following conditions:

- a) The holder of a Restricted Certificate of Airworthiness based on this Specific Airworthiness Specification shall report to the EASA all information related to occurrences associated with the operation of the aircraft, which affects or could affect the safety of operation<sup>1</sup>.
- b) Such reports shall be despatched within 72 hours of the time when the occurrence was identified unless exceptional circumstances prevent this.
- c) Reports shall be made as soon as practicable, but in any case within 72 hours by using the reporting tool at <http://www.aviationreporting.eu/>  
Please select "EASA" when being asked to select the State to report to.

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<sup>1</sup> AMC 20-8 contains guidance describing the occurrences which are to be reported



## SECTION 4: Other Limitations

1. With hail prevention equipment fitted, this aircraft is limited to aerial work operations.
2. The applicability of this SAS is limited to Textron Aviation Cessna 172N S/N: 172-71531.
3. AFM Supplement "Anhang zum Flughandbuch Cessna 172N / Skyhawk für Cessna 172N HB-CJQ für die Einsatzart Hagelabwehr und Flüge mit eingebauter Hagelabwehrausrüstung" Ausgabe 00 März 2019, Rev. 01 vom 03.Mai 2019 and MM Supplement „Installations- und Wartungsanweisung, AgJ Anlage HB-CJQ“ Ausgabe Jänner 2019, Rev. 01 vom 03.05.2019 apply.  
These supplements include maintenance, installation and operating instructions.
4. Transport of persons other than those required for the purpose of hail prevention or positioning is not permitted.

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