

## SUPPLEMENTAL TYPE CERTIFICATE

**10082619**

This Certificate/Approval is issued by EASA, acting in accordance with Regulation (EU) 2018/1139 on behalf of the European Union, its Member States and of the European third countries that participate in the activities of EASA under Article 129 of that Regulation and in accordance with Commission Regulation (EU) No. 748/2012 to

### **FOKKER SERVICES B.V.**

**HOEKSTEEN 40  
2132 MS HOOFDDORP  
NETHERLANDS**

EASA.21J.059

and certifies that the change in the type design for the product listed below with the limitations and conditions specified meets the applicable Type Certification Basis and, if applicable, environmental protection requirements when operated within the conditions and limitations specified below:

**Type Certificate Number:** EASA.IM.A.120

**Type Certificate Holder:** THE BOEING COMPANY

**Type:** 737

**Model:** 737-600

737-700

737-800

737-900

737-900ER

#### **Description of Design Change:**

Activation of SBAS system on B737NG

With MCP/CPR/CRR-0472 a de-activated SBAS system was introduced with:

- the installation of structural provisions for two GNSS receivers
- the installation of two GNSS receivers
- the installation of two GNSS splitters/power dividers (including structural provisions)
- the installation of wiring provisions, coax cables, circuit breakers etc. For further details refer to CPR-0472 paragraph 3 "Description of Type Certificate Change".

With this STC (MCP/CPR/CRR-0473) GNSS compatible antennae are installed and the above equipment is activated and interfaced with the onboard systems to provide autonomous SBAS corrected GNSS navigational

See Continuation Sheet(s)

**For the European Union Aviation Safety Agency**

**Cologne, Germany, 18 August 2023**



Nicolas DUPREZ

**Project Certification Manager – STC Coordinator**



data to all avionic systems (currently supplied with data provided by MMRs.  
For further details refer to CPR-0473 paragraph 3 "Description of Type Certificate Change".

**EASA Certification Basis:**

The Type and OSD Certification Bases for the original product as amended by the following additional or alternative airworthiness requirements:  
the following paragraph(s) at a later amendment: CS ACNS.C.PBN.205, CS ACNS.C.PBN.210, CS ACNS.C.PBN.215, CS ACNS.C.PBN.2130, CS ACNS.C.PBN.2140, CS ACNS.C.PBN.2145, CS ACNS.C.PBN.2150, CS ACNS.C.PBN.575, CS ACNS.C.PBN.580, all at issue 4. CS MMEL.135, CS MMEL.140, CS MMEL.145 (a), (b), (c), (d), CS MMEL-150, all at issue 3.

The requirements for environmental protection and the associated certified noise and/ or emissions levels of the product are unchanged and remain applicable to this certificate/approval without any impact on the noise database.

**Associated Technical Documentation:**

- Certification Plan Report CPR-0473 issue 3
- Compliance Record Report CRR-0473 issue 1
- C&A Sheet for AFM B737-SBAS-AFM-S-001 issue 3
- C&A Sheet for MMEL B737-SBAS-MMEL-S-001 issue 3

or later revisions of the above listed document(s) approved/accepted under the EASA system.

**Limitations/Conditions:**

This STC must be installed in conjunction with Fokker Services modification ref CPR/CRR-0472.

Prior to installation of this change/repair it must be determined that the interrelationship between this change/repair and any other previously installed change and/ or repair will introduce no adverse effect upon the airworthiness of the product.

- End -

