

SUPPLEMENTAL TYPE CERTIFICATE

10072602

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: 737-300

737-400

737-500

Description of Design Change:

ADS-B Out on the Boeing 737 classic

This change introduces ADS-B out capability on the 737 classic. The ATC Transponders will be changed and they will interface with the GNSS position source. The sensor may be a stand-alone sensor that is not coupled to the FMS.

See Continuation Sheet(s)

For the European Union Aviation Safety Agency

Cologne, Germany, 27 February 2020



Israel NAVARRO SANTOS JUANES
Section Manager

Non-EU Large Transport Aeroplanes



EASA Certification Basis:

The Certification Basis (CB) for the original product remains applicable to this certificate/ approval. the following paragraph(s) at a later amendment: Initial issue of CS ACNS.D.AC.010, CS ACNS.D.AC.015, CS ACNS.D.AC.020, CS ACNS.D.AC.025, CS ACNS.D.AC.030, CS ACNS.D.AC.035, CS ACNS.D.AC.040, CS ACNS.D.AC.045, CS ACNS.D.ELS.010, CS ACNS.D.ELS.015, CS ACNS.D.ELS.020, CS ACNS.D.ELS.025, CS ACNS.D.ELS.030, CS ACNS.D.ELS.040, CS ACNS.D.ELS.045, CS ACNS.D.ELS.050, CS ACNS.D.ELS.055, CS ACNS.D.ELS.060, CS ACNS.D.ELS.065, CS ACNS.D.EHS.010, CS ACNS.D.EHS.015, CS ACNS.D.EHS.020, CS ACNS.D.EHS.025, CS ACNS.D.ADSB.010, CS ACNS.D.ADSB.020, CS ACNS.D.ADSB.025, CS ACNS.D.ADSB.030, CS ACNS.D.ADSB.035, CS ACNS.D.ADSB.040, CS ACNS.D.ADSB.045, CS ACNS.D.ADSB.050, CS ACNS.D.ADSB.055, CS ACNS.D.ADSB.060, CS ACNS.D.ADSB.070, CS ACNS.D.ADSB.080, CS ACNS.D.ADSB.085, CS ACNS.D.ADSB.090, CS ACNS.D.ADSB.100, CS ACNS.D.ADSB.105, CS ACNS.D.ADSB.110, CS ACNS.D.ADSB.115, CS ACNS.D.ADSB.120, CS-MMEL

The requirements for environmental protection and the associated certified noise and/ or emissions levels of the original product are unchanged and remain applicable to this certificate/ approval.

Associated Technical Documentation:

The change is defined through issue 1 of MDL document B737-ADSB-OUT-MDL-0002.

The aircraft shall be operated in accordance with issue 1 of Airplane Flight Manual Supplement document B737-ADSB-AFM-S-002.

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

Limitations/Conditions:

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 -

