

SUPPLEMENTAL TYPE CERTIFICATE

10070304

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

AEROSPACE ENGINEERING SOLUTIONS LIMITED

**UNIT 6 FREEPORT OFFICE VILLAGE
CENTURY DRIVE
BRAINTREE
Essex
CM77 8YG
UNITED KINGDOM**

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: See EASA Approved Model List

Type Certificate Holder: See EASA Approved Model List

Type: See EASA Approved Model List

Model: See EASA Approved Model List

Description of Design Change:

Introduction of ADS-B Out Function

EASA Certification Basis:

The Certification Basis for the original product as amended by the following additional or alternative airworthiness requirements:

- The following paragraph(s) at a later amendment: CS 25 at Amendment 21: CS 25.1, CS 25.601, CS 25.869, CS 25.899, CS 25.1301, CS 25.1302, CS 25.1307, CS 25.1309, CS 25.1322, CS 25.1351, CS 25.1353, CS 25.1357, CS 25.1360, CS 25.1431, CS 25.1501, CS 25.1529, CS 25.1581, CS 25.1585.

CS ACNS.A.GEN Initial Issue: ACNS.A.GEN.010

CS ACNS.D.ELS Initial Issue: ACNS.D.ELS.001 and ACNS.D.ELS.015

See Continuation Sheet(s)

For the European Aviation Safety Agency

Cologne, Germany, 26 June 2019



Carla IORIO
Section Manager
Special Aeroplanes & Projects



CS ACNS.D.EHS Initial Issue: ACNS.D.EHS.001 and ACNS.D.EHS.015

CS ACNS.D.ADSB Initial Issue: ACNS.D.ADSB.001, ACNS.D.ADSB.010, ACNS.D.ADSB.020, ACNS.D.ADSB.025, ACNS.D.ADSB.030, ACNS.D.ADSB.035, ACNS.D.ADSB.040, ACNS.D.ADSB.045, ACNS.D.ADSB.050, ACNS.D.ADSB.055, ACNS.D.ADSB.060, ACNS.D.ADSB.070, ACNS.D.ADSB.080, ACNS.D.ADSB.085, ACNS.D.ADSB.090, ACNS.D.ADSB.100, ACNS.D.ADSB.105, ACNS.D.ADSB.110, ACNS.D.ADSB.115, ACNS.D.ADSB.120.

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:

AES Limited Flight Manual Supplement No. 78 Issue 1

AES Limited Instructions for Continued Airworthiness:

- Boeing 737NG Series Aircraft: AES-TP-0270 Issue 1
- Boeing 757 Series Aircraft: AES-TP-0268 Issue 1
- Boeing 767 Series Aircraft: AES-TP-0269 Issue 1

AES Limited Master Data List No. AES-000-4802MDL Issue 1

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

Limitations/Conditions:

The following pre-requisite provisioning modifications are required to be embodied prior to or concurrently with this modification (consult applicable modification for issue status)

- Boeing 737NG Series Aircraft: AES-737-5362
- Boeing 757 series Aircraft: AES-757-4838
- Boeing 767 Series Aircraft: AES-767-4839.

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 -



Type Certificate Number	Type Certificate Holder	Type	Model	Certification Basis	Associated Technical Documentation
EASA.IM.A.205 Rev 03	The Boeing Company	757	757-200 757-200PF 757-300	CS25 Amndt 21 and CS-ACNS Amndt Initial Issue	MDL – AES-000-4802MDL; AFMS No 78; FCOM No 39; OSD Supp No 42; ICA-AES-TP-0268
EASA.IM.A.035 Rev 08		767	767-200 767-300 767-300F 767-400ER	CS25 Amndt 21 and CS-ACNS Amndt Initial Issue	MDL – AES-000-4802MDL; AFMS No 78; FCOM No 39; OSD Supp No 42; ICA-AES-TP-0269
EASA.IM.A.120 Rev 17		737	737-600 737-700 737-800 737-900 737-900ER	CS25 Amndt 21 and CS-ACNS Amndt Initial Issue	MDL – AES-000-4802MDL; AFMS No 78; FCOM No 39; OSD Supp No 43; ICA-AES-TP-0270



Carla IORIO
Section Manager
Special Aeroplanes & Projects

10054946 - AEROSPACE ENGINEERING SOLUTIONS LIM - 300250

