



U.S. Department  
of Transportation

**Federal Aviation  
Administration**

February 20, 2020

Airborne Maintenance and Engineering Services (AMES)

Dear Airborne Maintenance and Engineering Services

The Aircraft Evaluation Group (AEG) has reviewed your request for Supplemental Type Certificate (STC) relief that may be included in an operator's FAA approved MEL. The AEG finds your relief submission allowable as documented in the relief section of this letter. This relief is valid when an operator installs the listed STC on an aircraft that is listed in the Aircraft Model List (AML) below. No other application of this relief is allowed. The STC holder must contact the AEG when the STC is amended, revised or revoked.

Operators may use this relief letter to incorporate the relief listed below into their Minimum Equipment List (MEL) upon publication of this letter on FSIMS and in accordance with the MEL approval process in FAA Order 8900.1. The relief granted remains valid indefinitely with possession of this letter unless the relief is specifically revoked or revised by the Administrator.

STC Applicant	Airborne Maintenance and Engineering Services (AMES)
STC Number	ST04319CH
STC Description	Automatic Dependent Surveillance - Broadcast (ADS-B) OUT System utilizing upgraded Aviation Communication & Surveillance Systems (ACSS) NXT-800 Mode-S Transponders paired with the OPS Source listed on AML number ST04319CH, and in accordance with Airborne Maintenance and Engineering Services (AMES) Master Drawing List documents listed on AML number ST04319CH.
Aircraft Model List	B757-200 B767-200 B767-300

Sincerely,

Dale Bosselmann  
FOEB Chair,  
Aircraft Evaluation Group

## Approved STC Relief

System	Item	Category	Installed	Required	Remarks-Exceptions
34	Automatic Dependent Surveillance-Broadcast (ADS-B) System	C	-	0	(O) May be inoperative provided: a) Alternate procedures are established and used, and b) It is not required by 14 CFR.  NOTE: Any ADS-B function that operates normally may be used.
34	Automatic Dependent Surveillance-Broadcast (ADS-B) System	D	-	0	May be inoperative provided: a) Enroute operations do not require its use, and b) It is not required by 14 CFR.  NOTE: Any ADS-B function that operates normally may be used.
34	Automatic Dependent Surveillance-Broadcast (ADS-B) System	C	-	1	One must be operative as required by 14 CFR.  NOTE: Any ADS-B function that operates normally may be used.
34	ADS-B Out Extended Squitter Transmissions	C	-	0	May be inoperative provided: a) Alternate procedures are established and used, b) Authorization is obtained from ATC facilities having jurisdiction over planned route of flight, and c) It is not required by 14 CFR.  NOTE: Any ADS-B Out function that operates normally may be used.
34	ADS-B Out Extended Squitter Transmissions	C	-	1	One must be operative as required by 14 CFR.  NOTE: Any ADS-B Out function that operates normally may be used.

34	Global Positioning Systems (GPS)	C	2	0	May be inoperative provided: a) Enroute operations do not require their use, and b) IRUs operate normally.
34	Global Positioning Systems (GPS)	D	2	1	One may be inoperative provided enroute operations do not require its use.