

ADS-B mandate solutions

IS YOUR FLEET READY FOR 2020?

Prepare for mandates and improve
aircraft routing, efficiency and safety



Collins Aerospace

SOLUTIONS THAT MEET YOUR NEEDS

Collins Aerospace has over 200 FAA, EASA and TCCA STCs with multinational CAA validations. This extensive global experience creates the foundation of our portfolio of solutions aimed at elevating the passenger experience, optimizing flight performance and reducing economic impact in the NextGen® airspace worldwide.



What is ADS-B?

By 2020, all aircraft flying within FAA and EASA airspace must be equipped with DO-260B compliant Mode-S transponders, a qualified GPS position source and a means of ADS-B failure annunciation. ADS-B equipage, which has already been mandated in some areas of the world, provides air traffic control

with a significantly enhanced view of aircraft position within assigned airspace, thus improving aircraft routing, efficiency and safety. Integration of an ADS-B system may further enhance situational awareness of flight crews with ownship position and precise positioning of surrounding traffic.

Available DO-260/A/B solutions

DO-260/A SOLUTIONS BOEING B767-200/300

Honeywell TRA-67A Mode-S Transponders; RMA-55B MMRs	ST04123AT
ACSS XS-950 Mode-S Transponders CMC/Esterline CMA-5024 GLSSUs	ST04195AT

DO-260B SOLUTIONS BOEING B767-200/300/400

Collins TPR-901 Mode S Transponders; GLU-920/925 MMRs	ST04358AT
Collins TPR-901 Mode S Transponders; Collins GPS-4000S	ST04442AT

DO-260B SOLUTIONS AIRBUS A319/320/321/330

Collins TPR-901 Mode S Transponders; GLU-920, GLU-925, RMA-55B, TLS-755	ST04362AT
A330 ADS-B RMA-55B	ST04419AT

DO-260B SOLUTIONS OTHER

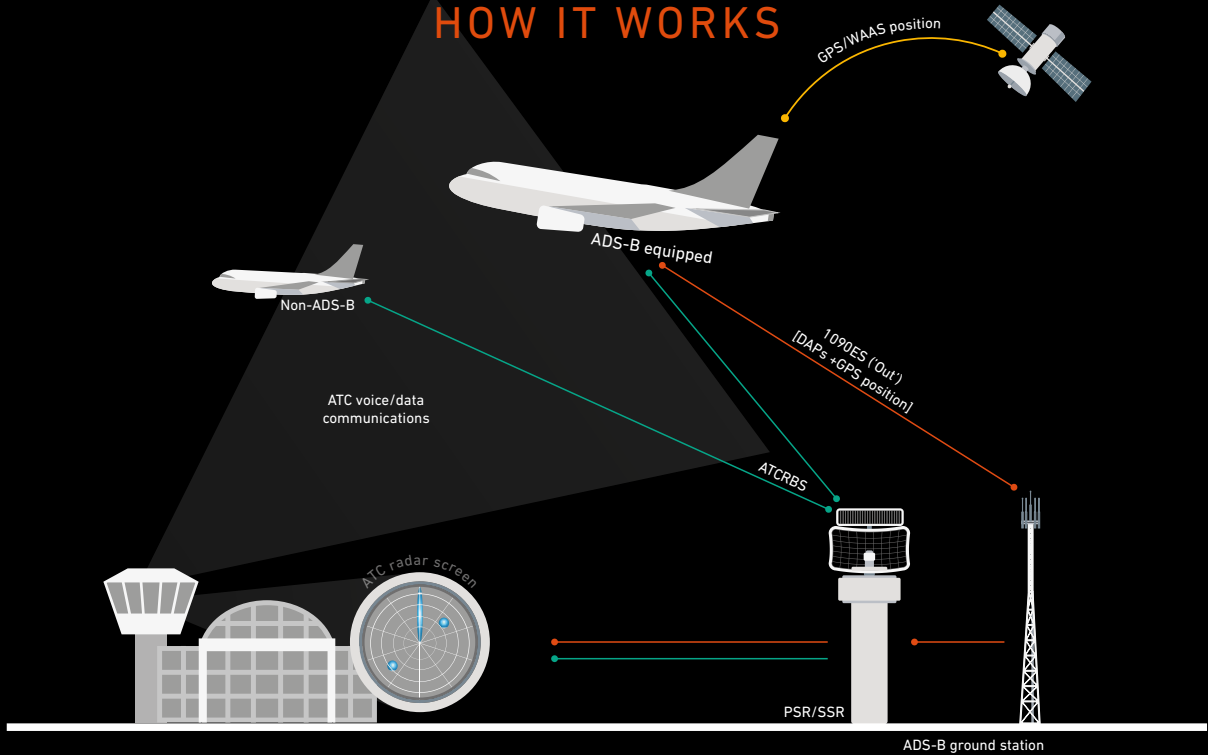
B717 ADS-B Collins TPR901 GLU-925, GLU-2100	ST04418AT
B737-600/700/800/900 ADS-B, Collins TPR-901; GLU-920, GLU-925	ST04427AT
B747-400/-8 ADS-B Collins TPR-901; GLU-920, GLU-925	Pending
B757-200/300 ADS-B Collins TPR-901; GLU-920, GLU-925	Pending



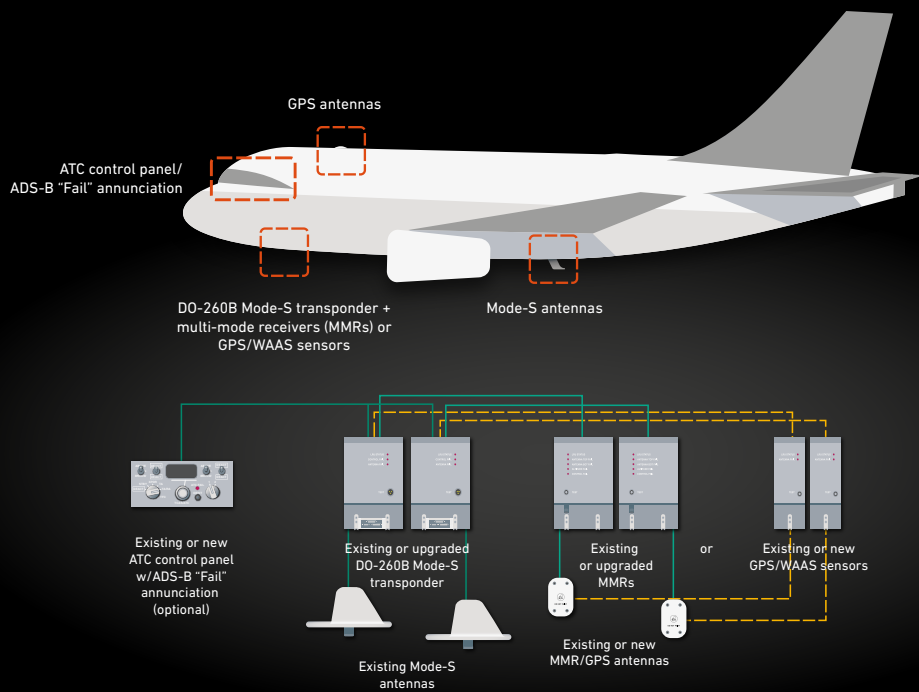
*Additional customized solutions and STCs can be developed for any avionics system on any platform.

Note: all existing and pending Collins TPR-901 STCs will be revised for GLU-2100 MMR.

HOW IT WORKS



SYSTEM UPGRADE ARCHITECTURE



Why Collins Aerospace?

What sets Collins Aerospace apart is our approach to systems integration and certification. We employ former avionics technicians, test engineers and design engineers from airlines, MROs and the military, as well as on-staff FAA DERs to ensure that we understand your aircraft inside and out. Our efforts are focused on developing the most competitive avionics integration solutions available through:

- Optimized integration design to mitigate installation labor requirements
- Reduction of spares inventory with use of OEM-specification components
- Crafting of concise modification data in an intuitive format
- Innovative turnkey solutions to reduce overall program life-cycle costs
- Inclusion of provisions for integration of future capabilities
- Experienced program management oversight from inception to final fleet install

To learn more, go to
collinsaerospace.com/STC-Interiors

Additional Airbus and Boeing solutions

PLATFORM	DESCRIPTION	STC NUMBER
B717	Collins GLU-925 MMR	ST04416AT
B737	Collins SAT-2000 SATCOM	ST03899AT
B737	Certification Collins IGA-2000 SATCOM Antenna	ST03942AT
B737	Honeywell MK II ACARS/CPDLC	ST04421AT
B737	Collins MMR GLU-2100	ST04436AT
B747	Honeywell MK II ACARS/CPDLC	Pending
B747	Honeywell HD-710 Data Terminal/HPA	ST03734AT
B757	ICG ICS-120A/-200/-220 Iridium SATCOM	ST03606AT
B757	Honeywell MK II ACARS (non CPDLC)	ST03253AT
B757	Collins ACARS (non CPDLC)	ST03843AT
B757	Honeywell HFR5-V CVR	ST04014AT
B757	Collins CMU-900 ACARS with L3 FA2100 CVR	ST04194AT
B757	EMS HSD-400 SATCOM	ST03659AT
B757	Collins TCAS 7.1	ST04420AT
B757	Collins WXR-2100	ST04124AT
B757	Collins MMR GLU-2100	ST04436AT
B767	Honeywell MCS4000-7000 SATCOM System	ST03484AT
B767	ICG ICS-220A Iridium SATCOM	ST04139AT
B767	EMS HSD-400 SATCOM System	ST03485AT
B767	Collins CMU-900 ACARS w/Honeywell HFR5-V CVR	ST04140AT
B767	DataLink Recording Activation	ST04142AT
B767	Honeywell MK II ACARS/CPDLC	ST04401AT
B767	Collins CMU-900/GPS-4000S CPDLC	Pending
B767	Collins MMR GLU-2100	ST04436AT
B777	Honeywell HD-710 Data Terminal/HPA	ST03619AT
B777	Honeywell MCS-7200 SATCOM System	ST03918AT
B777	Cobham HGA-7001 SATCOM Antenna System	ST03983AT
B777	Honeywell MCS-7147 SATCOM System	ST03980AT
B777	Collins MMR GLU-2100	ST04436AT

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