

# ADS-B Out (Automatic Dependant Surveillance Broadcast)

## Be ready for the FAA and EASA mandate!



The ADS-B Out modification will become mandatory for aircraft heavier than 5.7 tons or faster than 250 KTAS.

To ensure your aircraft is compliant with ADS-B Out airspace requirements equip by:

**United States – December 31, 2019**  
**Europe – June 6, 2020**

### To become compliant you will need

- ATC Mode-S transponders modified to be DO-260B compliant
- WAAS capable GPS receivers
- EASA / FAA approved STC package
- Aircraft modification

### Steps of modification

- The existing GPS receivers will be used or an additional standalone GPS receiver will be installed
- The existing transponders will be modified to include the ADS-B Out capability
- A means of failure indication in the cockpit will be integrated to provide an ADS-B Out system failure annunciation

### We provide the ADS-B Out STC

- Cessna **Citation Jet** (CJ1+, CJ2+, CJ3)
- Beechcraft **King Air** C90, B200, B300, **Premier** 1 & 1A
- Embraer **EMB-135/EMB-145 series** (incl. Legacy 600/650)
- Integration at Atlas Air Service / Augsburg Air Service or MRO facility of your choice
- Please contact us for **other A/C types**



**FTI Engineering Network GmbH**  
 Schmiedestr. 2 - 15745 Wildau

Contact: Dr.-Ing. Inken Peltzer  
 Phone: +49 3375 5235-0  
 DOA@ftigroup.net - www.ftigroup.net



**Atlas Air Service AG**  
 Hanna-Kunath-Str. 18 - 28199 Bremen

Contact: Martin Steinröder  
 Phone: +49 421 53658 -760  
 mro-sales@aaas.ag - www.aas.ag



**Augsburg Air Service GmbH**  
 Flughafenstr. 5 - 86169 Augsburg

Contact: Thomas Erz  
 Phone: +49 821 7003 -130  
 avionics@aaas-augsburg.de  
 www.aas-augsburg.de

### DISTRIBUTION PARTNER:



**airplus Maintenance GmbH**  
 Flughafen 28 - 88046 Friedrichshafen

Contact: Robert Zehnder  
 Phone: +49 7541 38878 17  
 rze@airplus.aero - www.airplus.aero

# About Us

FTI Engineering Network GmbH received an EASA and FAA approved "Supplemental Type Certificate" (STC) to retrofit all Cessna Citation CJs with the new transponder technology in exclusive cooperation with Atlas Air Service AG. Further aircraft types will be available soon!



## FTI Engineering Network GmbH

FTI is a growing medium sized German company founded in 2001. We develop and produce aircraft security video systems for passenger and freighter aircraft worldwide. FTI's solution includes cameras, monitoring and recording, secure data storage and smart data analysis. The certification of aircraft modifications is also part of the portfolio. We are certified as design organisation and production organisation according to EASA.21J.405 and DE.21G.0006. FTI is a member of the peiker Group.



## Atlas Air Service AG

Atlas Air Service AG is known for competence and quality in business aviation services since 1970. This maintenance specialist for Embraer Executive Jets, Cessna Citation Jets, Beechcraft and Hawker aircraft is represented at three business locations in Germany. Further business units of Atlas Air Service AG are the sale of pre-owned and new aircraft, airworthiness management (CAMO), non-destructive testing (NDT) and management of business jets.



## Augsburg Air Service GmbH

Augsburg Air Service GmbH with over 40 years of experience is an independant subsidiary of Atlas Air Service AG, and located in Southern Germany. The service center provides maintenance, minor and major repairs and modifications for Beechcraft, Cessna and Hawker aircraft and for Embraer Phenom 100 + 300. The certified CAMO+ Organisation has also got an own spare part shop.



For the ADS-B Out modification FTI and Atlas Air Service agreed on a distribution partnership with airplus Maintenance GmbH.