



# SBAS

Future-proof your aircraft today  
with SBAS



Save time and money with our bespoke SBAS solutions, which seamlessly integrate with the aircraft's existing navigation equipment, enabling your crews to get to their destination faster, safer, and more efficiently.

## What is SBAS?

The Satellite Based Augmentation System is the next step in aircraft navigation, improving the accuracy and reliability of GPS (GNSS) information.

### Key benefits of SBAS

- » **Faster:** Get to your destination faster by flying more precise paths.
- » **Cleaner:** Reduce the aircraft's environmental footprint by burning less fuel.
- » **Safer:** Pinpoint your exact aircraft position and receive reliable navigation data anytime, anywhere.

### Why are our SBAS solutions unique?

Our cost-effective, stand-alone solution allows your current multi-mode receivers (MMRs) to remain installed. We only add two antennas and two receivers, significantly reducing the aircraft's investment while providing all necessary equipment for a seamless transition. Your cockpit layout will not change.

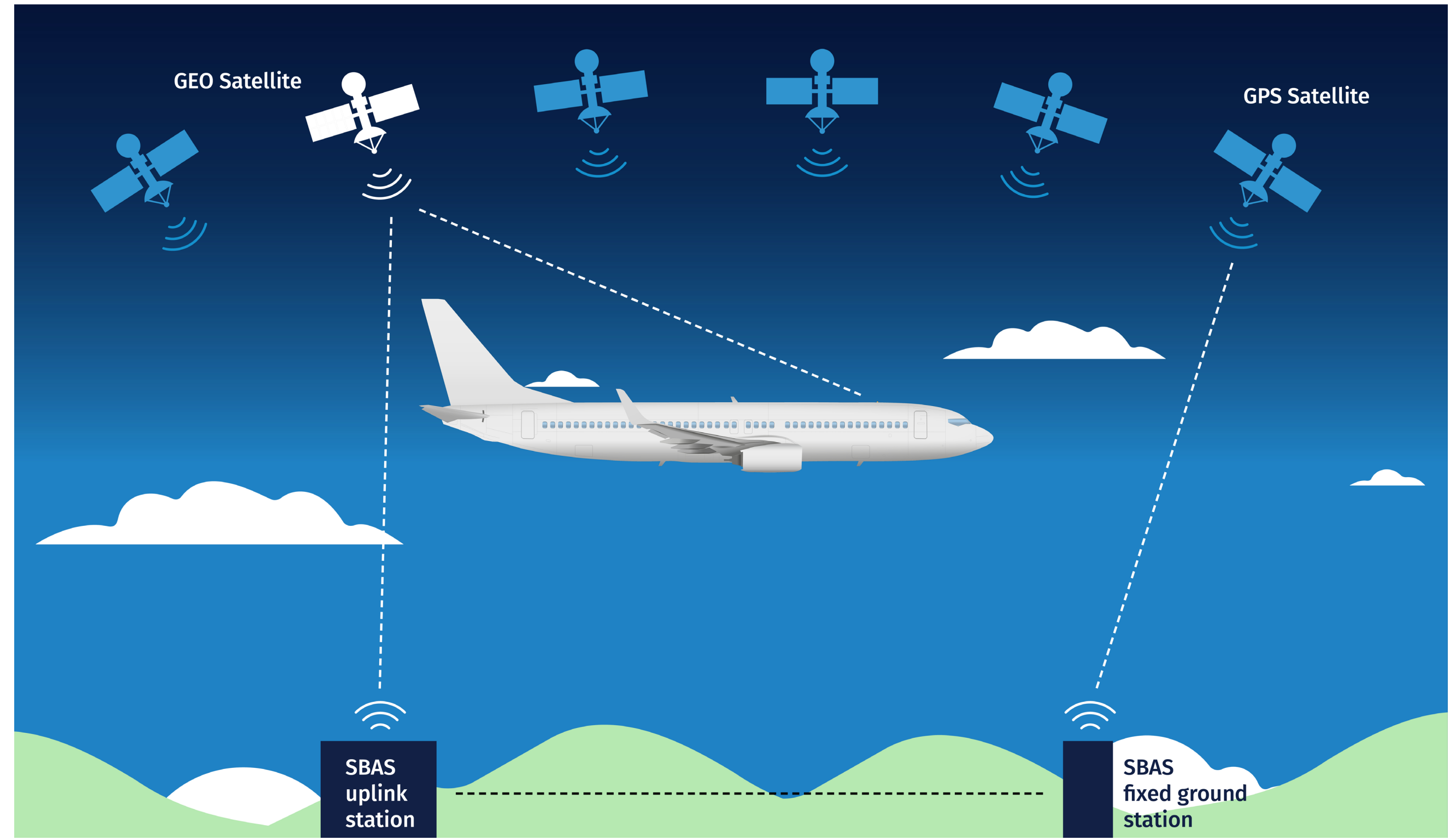
Additionally, prepare for upcoming worldwide mandates requiring aircraft to comply with LPV technology, which relies on SBAS. Benefit from performance improvements on critical functions like ADS-B Out, ACAS, Controller Pilot Data Link Communications, TAWS, and more.

Get in touch with Fokker Services Group today to design your SBAS roadmap transition.



# How does SBAS work?

Based on incoming GPS signals, the SBAS fixed ground stations determine the position error and differential corrections. The SBAS uplink station transmits these corrections to a geostationary satellite which sends it to the aircraft. This correction is fed into the SBAS receiver improving the GPS accuracy. This also enables features like LPV and a more accurate ADS-B.



- Toolkit
- » EASA and DGCA approved Engineering Bulletin
  - » Documentation supplements
  - » Modification kit
  - » Remote consulting and installation support



Our SBAS solutions are currently available for:

Airbus  
320 Family

Boeing  
737 NG

Boeing  
737 MAX

Boeing  
757

More  
to come!

Certified and approved by:





## Independent Leader in Maintenance, Modifications & Conversions

Your Fleet, Our Solutions. Together

### About Fokker Services Group

Fokker Services Group is an independent aerospace service company with a global reach. Providing comprehensive solutions from its five facilities in Europe, Asia and the Americas, Fokker Services Group is a key partner for regional, narrow-body and wide-body platforms in the Commercial, VIP, Cargo and Defense markets. The organization offers a unique set of capabilities, products and services: 'Modifications & Engineering Services' for the latest technical solutions; 'Component Services' such as nose-to-tail programs, exchange services, and component repairs; 'Material Services' such as parts manufacturing, spares deliveries, and tear-downs; 'Airframe Services' for aircraft MRO including lease transitions and painting; and 'Aircraft Completion & Conversion Services' for Executive, VVIP and Special Mission aircraft upgrades.



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