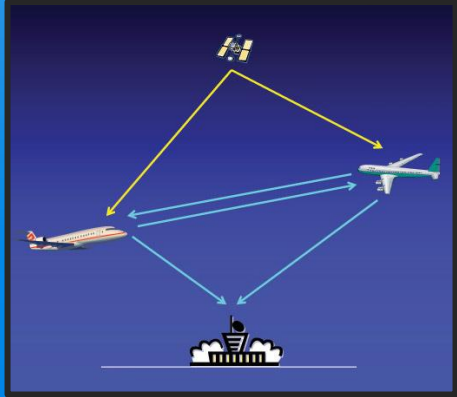


# ADS-B Most Simplified



## What is ADS-B?

Automatic Dependent Surveillance - Broadcast. A long phrase that basically means how Air Traffic Control (ATC) will track and manage aircraft.

## How does ADS-B work?

Using satellites, aircraft GPS technology and ground stations. ADS-B locates aircraft more precisely and automatically transmits data to ATC and to other aircraft with ADS-B equipment.

## Why do I care about ADS-B?

If you want to fly in most controlled airspace, you need to comply with ADS-B mandate by January 1, 2020. If you currently fly in airspace where a Mode C transponder is required, then you will need ADS-B equipment onboard.



## What aircraft are affected by the ADS-B mandate?

All aircraft big and small - singles, business jets, helicopters, and airliners. It is not an aircraft specific mandate.



## How do I comply with the ADS-B mandate?

Install approved ADS-B equipment usually consisting of a Universal Access Transceiver (UAT), WAAS GPS, compatible transponder or some combination of those. There are many different boxes from many different manufacturers available.



## How much does it cost to comply with ADS-B?

Equipment and installations get more expensive and intricate the larger and faster the aircraft. The cost to comply can range from \$5,000-\$50,000 depending on the aircraft.



## When do I have to comply with the ADS-B mandate?

January 1, 2020. The FAA does not appear to be changing the date.



Need More Information? Please contact SEA's ADS-B Experts at [ADSB@seaerospace.com](mailto:ADSB@seaerospace.com)

\*This simplified document is meant for reference only, and is not a comprehensive description of the entire ADS-B mandate.