

FAA Safety Team | Safer Skies Through Education

New ADS-B Terminal Services Are Available Now

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Attention Pilots

New ADS-B Terminal Services Are Available Now

Pilots who use the terminal airspace listed below can now receive free traffic and weather information in the cockpit. To receive these services, aircraft must be equipped with an Automatic Dependent Surveillance - Broadcast (ADS-B) transmitter/receiver or transceiver and a cockpit display of traffic information (CDTI).

Service Volume Name	Airport ID
Andrews AFB	ADW
Austin	AUS
Baltimore	BWI
Columbus	CSG
Corpus Christi	CRP
Dallas/Ft. Worth	DFW
Dulles	IAD
El Paso	ELP
Harlingen	HRL
Lynchburg	LYH
Midland	MAF
Patuxent River NA	NHK
Reagan National	DCA
Roswell	ROW
San Angelo (Mathis)	SJT
San Antonio	SAT

The new services include:

Flight Information Service - Broadcast (FIS-B), which provides pilots and flight crews with a cockpit display of aviation weather and aeronautical information via Universal Access Transceiver (UAT) equipment on 978 MHz. Note: FIS-B is not compatible with 1090ES avionics.

- **The following FIS-B weather products are for advisory use only.**
 - o Aviation Routine Weather Reports (METARs).
 - o Special Aviation Reports (SPECIs).
 - o Terminal Area Forecasts (TAFs) and their amendments.
 - o NEXRAD (regional and CONUS) precipitation maps.
 - o Notice to Airmen (NOTAM) Distant and Flight Data Center.
 - o Airmen's Meteorological Conditions (AIRMET).
 - o Significant Meteorological Conditions (SIGMET) and Convective SIGMET.
 - o Status of Special Use Airspace (SUA).
 - o Temporary Flight Restrictions (TFRs).
 - o Winds and Temperatures Aloft.
 - o Pilot Reports (PIREPS).

- o TIS-B service status.

Traffic Information Service - Broadcast (TIS-B), which enhances a pilot's visual acquisition of other traffic on 978 UAT and 1090 MHz Extended Squitter (1090 ES).

- **TIS-B is an advisory only service. Pilots must continue to exercise vigilance to “see and avoid” other aircraft in accordance with Title 14 of the Code of Federal Regulations Section 91.113b.**

The following table lists which type of data link is required to receive TIS-B and FIS-B services:

If the aircraft is equipped with the following data link...	Then the pilot can receive the following services...
978 MHz Universal Access Transceiver (UAT)	TIS-B and FIS-B
1090 MHz Extended Squitter (1090 ES)	TIS-B

The FAA encourages users of TIS-B and FIS-B to report any irregularities observed while using the services. Reports should contain the following information:

1. Time of observation.
2. Location.
3. Type and identity of the aircraft.
4. Description of the condition observed.
5. Type of avionics system and software version used.

You can report issues by contacting the nearest Air Traffic Control (ATC) facility, Flight Service Station (FSS) facility, or by submitting FAA Form 8740-5, Safety Improvement Report, available from FSSs, Flight Standards District Offices, or general aviation fixed-based operators.

When the service is not available, as result of a service volume network being out of service, the service condition will be NOTAMed as NOT AVBL.

EXAMPLE - !PHL PHL SVC TRAFFIC INFORMATION SERVICE BROADCAST NOT AVBL

Additional information about ADS-B services can be found in the Aeronautical Information Manual at the following link:

http://www.faa.gov/air_traffic/publications/ATpubs/AIM/

For more information about the FAA’s ADS-B program, visit www.ads-b.gov.

Questions?

Contact the FAA Flight Standards ADS-B Office at 9-AWA-AVS-ADS-Programs-AFS@faa.gov.

Contact the FAA Aircraft Certification ADS-B Office at <mailto:9-AWA-AVS-ADS-Programs-AIR@faa.gov>.

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