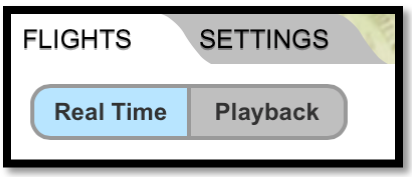
Ted Stevens Anchorage International Airport Flight Tracking

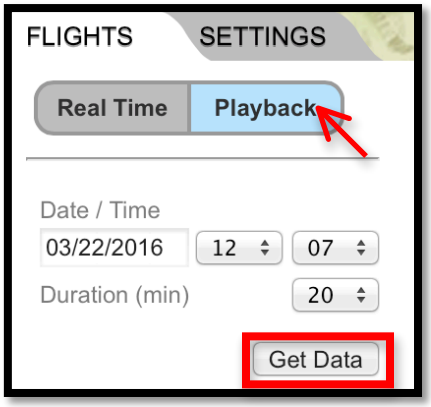
Ted Stevens Anchorage International Airport offers Flight Tracking with an Internet flight tracking system that allows you to independently watch the movement of flights and air traffic patterns within the region. It also shows aircraft transiting through our airspace.

Flight Tracking



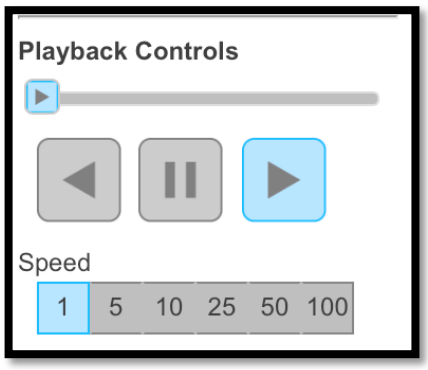
Real Time Information shows flight activity to and from the Airport and the surrounding area. There is a 10 minute delay for security. Some flight information is limited for security.

Playback



Select Playback makes it easy to review flight activity. All flights are available in "Playback" one hour after they appeared in "Real Time" mode, and up to three months of past flight activity is available to be played back at any time.

To operate Playback select day, time (24-hour clock) duration of playback and then click "Get Data"



Playback Controls will appear with event track, play, pause, rewind and speed control.

Aircraft Trail Color-Coding
Green: aircraft trails represent departures from Anchorage
Blue: aircraft trails represent arrivals to Anchorage
Black: aircraft trails represent overflights
A circle is placed around a "Selected" aircraft

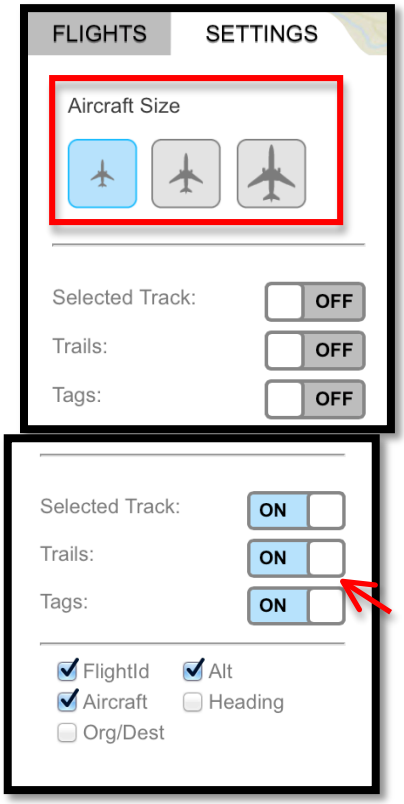
Aircraft Icons
Aircraft icon indicates the type of aircraft: Large Jet, small jet, props/turbo props, and helicopter

Pan and Zoom
To Pan: use click and drag

To Zoom: use the + and – keys or the scroll wheel on your mouse

Settings

The Settings feature allows users to customize the screen



Aircraft Size: choose 3 sizes of aircraft icons

Selected Track: allows the user to "click" on an aircraft to see details on the flights

Aircraft Trails: displays the aircraft trails, or flight path. See color coding above

Aircraft Tags: displays the user selected flight data elements as listed below:

FlightId: ICAO Airline three-letter code, as listed later in this document, followed by the airline flight number, e.g. ASA081 = Alaska Airlines flight 081

Alt: Aircraft altitude in feet

Aircraft: Type of aircraft as identified by the ICAO aircraft code, e.g. B738 = Boeing 737-800. See link later in this document for aircraft codes

Heading: Direction of aircraft travel

Org/Destin: Airport from which the flight originated and to which it is destined, as identified by a four-letter ICAO airport code, e.g. PANC = Ted Stevens Anchorage International Airport. See link later in this document for airport codes

Map Layers

There are 3 choices of base map: Street Maps, Satellite, NatGeo Street.

Address Locator

Enter an address and an icon will appear on the base map.

System Requirements
Flight Tracker works on the latest version of most browsers. JavaScript must be enabled in your browser. Performance may be adversely affected by slow or intermittent internet connections.

Understanding Airline and Aircraft codes: The information contained in some of the data fields is encoded to conform to standard FAA contractions (or shorthand). More information below.

Aircraft Listed as Unknown:
Some aircraft will appear as "Unknown". This means the aircraft is flying by "Visual Flight Rules" and there is no information on aircraft type or origin or destination. This could be a variety of reasons, often for a flight that has not filed a flight plan with the FAA or is blocked

Aircraft Not Shown:
If an aircraft is flying without a transponder or without the transponder turned on, it will not show up on the flight tracker at all. Many of the small general aviation aircraft operating out of Lake Hood Seaplane Base fly without a transponder.

A Word about Radar: Aircraft tracking radar, and the software that supports it, while highly reliable, is also complex. Sometimes circumstances can interfere with the signal, causing temporary distortions. For example, you will probably notice that an aircraft flying directly over may temporarily disappear from the screen and then reappear away from the airport. This is due to the aircraft passing directly over the radar antenna and the temporary loss of signal. You may also notice aircraft icons sometimes "dropping off" and/or suddenly doing unusual things. These "ghost" aircraft can be due to radar reflections from high-rise buildings and possibly from terrain and meteorological conditions.

List of ICAO Airline Codes:
ICAO Airline designators are three-letter codes assigned to airlines. The airlines three-letter codes that have scheduled service to/from ANC airport (as of March 30, 2016) are:

AAR Asiana Cargo
AER Alaska Central Express
ABW AirBridge Cargo
ACA Air Canada
ASA Alaska Airlines
AAL American Airlines
CAL China Airlines/China Airlines Cargo
CAO Air China Cargo
CKK China Cargo Airlines
CLX Cargolux
CFG Condor Airlines
CFS Empire Airlines
CKS Kalitta Air
CPA Cathay Pacific Cargo

CSN	China Southern Airlines
DAL	Delta Air Lines
ETD	Etihad Cargo
EVA	Eva Air Cargo
FDX	FedEx
GTI	Atlas Air
ICE	Icelandair
JBU	JetBlue Airways
KAL	Korean Air Cargo
LYC	Lynden Air Cargo
NAC	Northern Air Cargo
NCA	Nippon Cargo Airlines
NCR	National Cargo
PAC	Polar Air Cargo
PEN	PenAir
RVF	Ravn Alaska
QXE	Horizon Air
SCX	Sun Country Airlines
SOO	Southern Air
SQC	Singapore Airlines Cargo
SYL	Yakutia Airlines
UAL	United Airlines
UPS	UPS Airlines
VDA	Volga-Dnepr
VTS	Everts Air Cargo

In addition, corporate flights may have three-letter airline codes. A complete list of three-letter airline codes can be found at https://en.wikipedia.org/wiki/List_of_airline_codes

List of ICAO Airport Codes
ICAO airport codes are four-character codes for airports throughout the world. A complete list of four-character airport codes can be found at
https://en.wikipedia.org/wiki/International_Civil_Aviation_Organization_airport_code

List of ICAO Aircraft Codes
ICAO aircraft type designators are three- or four-character alphanumeric code designating every aircraft type (and some sub-types) and can be found at https://en.wikipedia.org/wiki/List_of_ICAO_aircraft_type_designators

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