

THE FUTURE OF CONNECTIVITY >



FLYHT AFIRS

- Global flight tracking with enhanced data
- Algorithms for automated triggers
- Iridium or Inmarsat
- Uses any mapping tool
- Extensive transport category STC's
- Over 40 operators

Automated Flight Information Reporting System (AFIRS)

INTERNAL MODEMS



ETHERNET



Automated triggers – abnormal event alerts

The screenshot displays the FLYHT web application interface. At the top left is the FLYHT logo with the tagline "The Future of Connectivity". The top navigation bar includes icons for flight, airport, radar, and other features, along with a "Select a map" dropdown menu. The main area is a map of the western United States, showing several flight paths and data overlays.

Map Overlays:

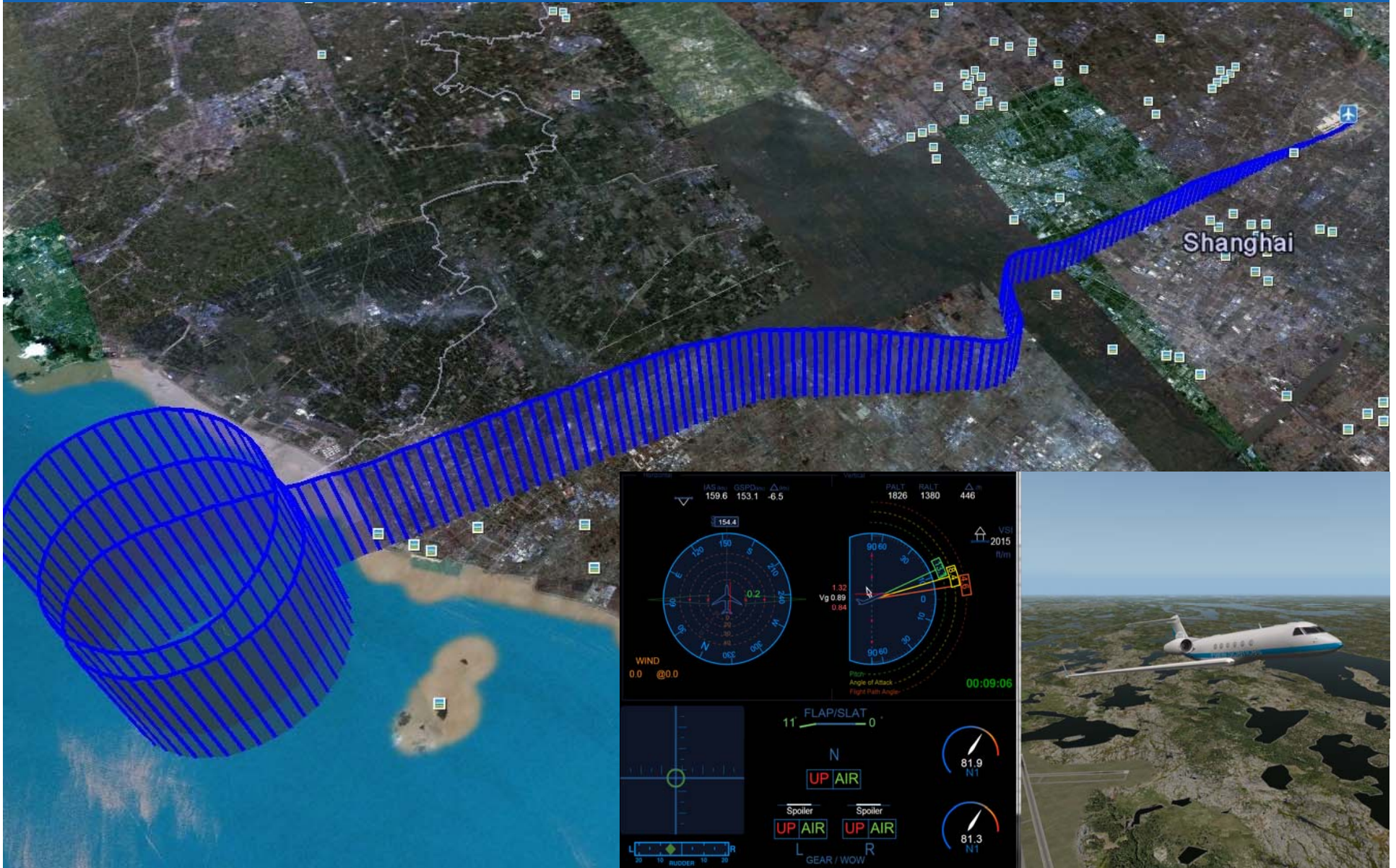
- KSJC:** A yellow box highlights the airport information for KSJC (San Jose International Airport).
- A12345:** A red airplane icon with a signal tower symbol is positioned over the map, with a pop-up window showing "A12345 FLYHTStream" and an "Ok" button.
- L12345 B737:** A blue box shows flight details for L12345 B737, including origin (KLAX), departure time (02 22 2014 23:45 Z), arrival time (02 23 2014 05:12 Z), and flight path statistics.
- F12345 B737:** A green box shows flight details for F12345 B737, including origin (KLAX), departure time (02 22 2014 23:45 Z), arrival time (02 23 2014 05:12 Z), and flight path statistics.
- N12345:** A blue box shows flight details for N12345, including origin (KLAX), departure time (02 22 2014 23:45 Z), arrival time (02 23 2014 05:12 Z), and flight path statistics.

Right Panel:

The right panel displays a list of flight events, with a "Select a map" dropdown menu at the top. The list includes a "Streaming" event for A12345 and several other events for various flight numbers (D12345, B12345, C12345, E12345, F12345, G12345, H12345, I12345, J12345, K12345, L12345, M12345, N12345, O12345, P12345). Each event entry includes flight number, aircraft type (B737), speed (175 kts), altitude (35,000 ft), and origin (KLAX). A "5" icon is visible at the bottom right of the list.

Flight Number	Aircraft	Speed	Altitude	Origin
A12345	B737	175 kts	35,000 ft	KLAX
D12345	B737	175 kts	35,000 ft	KLAX
B12345	B737	175 kts	35,000 ft	KLAX
C12345	B737	175 kts	35,000 ft	KLAX
E12345	B737	175 kts	35,000 ft	KLAX
F12345	B737	175 kts	35,000 ft	KLAX
G12345	B737	175 kts	35,000 ft	KLAX
H12345	B737	175 kts	35,000 ft	KLAX
I12345	B737	175 kts	35,000 ft	KLAX
J12345	B737	175 kts	35,000 ft	KLAX
K12345	B737	175 kts	35,000 ft	KLAX
L12345	B737	-12.1234	-122.1234	KLAX
M12345	B737	-12.1234	-122.1234	KLAX
N12345	B737	-12.1234	-122.1234	KLAX
O12345	B737	-12.1234	-122.1234	KLAX
P12345	B737	-12.1234	-122.1234	KLAX

Real-time black box data streaming



AFIRS Airworthiness Approvals

FLYHT Airworthiness Approvals					
Aircraft Type/Series	TCCA (Canada)	FAA	EASA	CAAC (China)	ECAA (Egypt)
Airbus A319-A320-A321 [ACJ319- ACJ320-ACJ321]	220(A), 228(A)	220(A)	220(A)	220(A), 228(IP)	220(A)
Airbus A330-200/300	220(P)				
ATR 42 / 72	228(A)		228(A)		
Bombardier CRJ-100/200/440 [CRJ-100SE]	220(A)	220(A)	220(A)		
Bombardier CRJ-700/900 [Challenger 870/890]	228(A)			228(A)	
Boeing 737-200/300/400/500	220(A), 228(IP)	220(A)	220(A)	220(A)	
Boeing 737-700/800 [BBJ1/BBJ2]	220(A), 228(A)	220(A), 228(IP)	220(A)	220(A), 228(IP)	
Boeing 747-200	228(A)				
Boeing 757-200	220(A)	220(A)	220(A)	220(A)	
Boeing 767-200/300	220(A), 228(A)	220(A), 228(IP)	220(A)	220(A)	
Boeing 777-200/300	228(A)	228(A)			
DeHavilland DHC-7	220(A)				
DeHavilland DHC-8-100/200/300	220(A)	220(A)	220(A)		
DeHavilland DHC-8-400	220(A)				
Embraer EMB 135/145 [Legacy 600]		220(A)			
Fokker F.28 Mk0100	220(A)				
Hawker 750/800XP/850XP/900XP	220(A), 228(A)	220(A), 228(IP)	220(A), 228(A)		
McDonnell Douglas DC-10-10/30/30F	220(A)	220(A)			
McDonnell Douglas MD-83	228(P)				

220(A) = Active AFIRS 220 220(P) = Provisioned AFIRS 220 with Activation Approval Pending

228(A) = Active AFIRS 228 228(P) = Provisioned AFIRS 228 with Activation Approval Pending

IP = In Progress – Design 80% (min.) Complete or Submitted to Foreign Authority for Validation



Saves money

GLOBAL COMMUNICATIONS &
REAL-TIME FLIGHT TRACKING

EFB CONNECTIVITY
(Hardwired iPads also)

EMERGENCY ALERTING AND
BLACK-BOX STREAMING

FUEL MANAGEMENT

REAL-TIME FOQA and QAR

AUTOMATED BLOCK / FLIGHT
TIME & FUEL REPORTING

ENGINE TRENDING &
EXCEEDANCES



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