TROOTRAX MISSION & CORE

Automated Flight Following and Operations Management Software

Enabling critical flight decisions, TrooTrax combines comprehensive flight following, aircraft tracking, and mission monitoring unlike any other product. TrooTrax gives operators a complete picture of their operations with automated flight following, weather alerting, customizable map layers, and more. With TrooTrax, no aspect of safety is out of reach.

KEY FEATURES:

AUTOMATED FLIGHT FOLLOWING (AFF)
Track AFF data inbound or outbound with TrooTrax. SKYTRAC's AFF satisfies all regulatory and mandated flight tracking requirements.

REAL-TIME ALERTING
Users can have 24/7 situational awareness with a variety of event notifications via SMS, email, or the TrooTrax mobile application. Receive notifications when aircraft depart and arrive, enter or exit user set geofences, and more.

CUSTOMIZABLE MAP LAYERS
Add 3rd party layers to visualize additional data on the map, such as wildfires, hydro lines, air medical bases, or oil platforms.

WEATHER OVERLAYS
Access and use up to 52 global weather and hazard layers from recognized aviation weather providers.

MOBILE APP
Using the flight-following features in the mobile app, TrooTrax allows you to receive alerts, send texts, and access key mission functions on your mobile device.

RAPID ACCESS TOOLBAR
Quickly select and zoom to an aircraft indicating distress and see all key data instantly and in one place.

USER PERMISSIONS
This unique software solution offers extensive user permissions for third-party logins, enabling users to limit aircraft and website visibility to groups of users or specific individuals depending on their needs.

DATA RETRIEVAL
Gain insight into your fleet's trip hours, miles, and OOOI. All data received through TrooTrax can also be reported using pre-configured PDF reports or exported via API, KML, CSV, or Excel.

CAPABILITIES

- Advanced Reporting
- Automated Flight Following
- Flight Replays
- Automated Flight Plan Ingestion
- Two-Way Messaging
- Customizable Map Layers

OVER 1000 OPERATORS TRUST SKYTRAC FOR THEIR FLIGHT TRACKING.

SATCOM EXPERTISE	35+ Years
SKYTRAC CUSTOMERS	800+ Customers
SYSTEMS CERTIFIED	900+ Airframes
GLOBAL PRESENCE	7 Continents
AIRCRAFT TRACKED	7500
FLIGHTS FOLLOWED	2.5 Million Per Year
FLIGHT HOURS	3 Million Per Year

SKYTRAC

TROOTRAX CORE VS. MISSION

System Capabilities/Features	TrooTrax Core	TrooTrax Mission
Automated Flight Following		
Basic Alerting and Notifications	✓	
Advanced Alerting and Notifications		✓
Global Aeronautical Chart Overlays	✓	✓
Aircraft Event Reporting	✓	✓
Advanced Geofencing and Alerting	✓	✓
Weather Capability		
Global METARs and North American Radar	✓	✓
52 North American and Global Flight Hazards and Weather Data Layers from recognized aviation weather providers		✓
Mission Alerting and Notifications		
Missing Flight Plan Alerting		✓
Flight Plan Deviation Alerting		✓
Aircraft Overdue Alerting		✓
Weather Alerting and Notifications		
Unlimited Asset Models (i.e. airframe specific data)	✓	✓
Unlimited Weather Threshold Collections	✓	✓
Color-Coded Flight Paths for Decision-Making		✓
Location Weather Advisories		✓
Pre-Flight Point-to-Point Weather Check	✓	✓
In-Flight Point-to-Point Weather Check		✓
Customizable Map Layers		
Customizable Map Layers (e.g. Air Medical bases, Oil Platforms, Iridium Satellites, Wildfires, etc.)	✓	✓
Operator-Definable User Asset Visibility		
Segregate Asset Visibility by User Type	✓	✓
Two-Way Messaging		
Web and Mobile App Messaging for SKYTRAC and Third-Party Devices	✓	✓
Flight Replays		
View Aircraft Location, Heading, Speed, Events, and Alerts	✓	✓
Enable Above Ground Level (AGL) Trip Replays		✓
Automated Flight Plan Ingestion		
Ingest flight plans through API or ICAO FPL2012 to AFTN Address		✓
Other formats available on request (e.g. Flight Vector)		✓
Advanced Reporting		
Access Pre-configured PDF Reports (e.g., Events List, Asset Trips, Fleet Activity, Gate Time (OOOI), Engine Hours, etc.)	✓	✓
Report on all data received in TrooTrax (e.g. Flight Paths, Waypoints, Events, Messages, etc.)	✓	✓
Export data via API, KML, CSV, and Excel (as applicable)	✓	✓

OPTIONAL AND FUTURE FEATURE SETS:

GADSS
Compliance Suite

Space-Based
ADS-B Support

Unmanned Traffic
Management (UTM)

Specifications subject to change. Contact sales@skytrac.ca for latest revision.

SKYTRAC