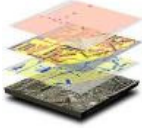




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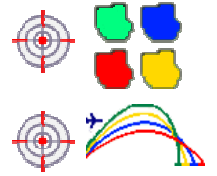
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Aircraft Crash Location Service

Aircraft Debris Location Service



Aircraft Crash Location Service:

– based on flight plans, incident weather reports, radar reports, aircraft specifications and terrain analysis, this advanced service predicts an aircraft's potential 'crash map' by drawing probable crash location areas along the general flight-path of the aircraft. By changing the incident scenarios it is possible to create multiple 'crash maps', each taking into account different weather and aircraft performance scenarios.

http://sarotechnology.ca/sarotechnology/ST_AircraftCrashMap.htm

Aircraft Debris Location Service:

- Using advanced analysis the location of debris that has broken off an aircraft – either by accident or by deliberate action - can be generally predicted, based on the debris' aerodynamic and ballistic properties. Locating this debris can be invaluable to both the mission SAR/Recovery operations and for any subsequent forensic investigations.

http://sarotechnology.ca/sarotechnology/ST_AircraftDebrisLocation.htm

Example Incidents of Predicted Aircraft Crash Locations

Incident Synopsis:

Incident Type: Aircraft Crash Location.

Aircraft Type: Recreational light aircraft.

Major Factors: Bad weather, Inexperience.

Geographic Terrain in Incident Region: Over Mountains.

Departure to Destination Flight Path Length: 1,000 km.

Incident Description:

The light aircraft went missing en-route between two cities separated by a large mountain range.

The highest predicted crash location was where the aircraft was eventually found.



Incident Synopsis:

Incident Type: Aircraft Crash Location.

Aircraft Type: Domestic regional passenger aircraft.

Major Factors: Equipment Failure.

Geographic Terrain in Incident Region: Over Land.

Departure to Destination Flight Path Length: 2,000 km.

Incident Description:

A regional aircraft disappeared in poor weather conditions.

The aircraft's debris was located close to the predicted location.



Incident Synopsis:

Incident Type: Aircraft Crash Location.

Aircraft Type: Helicopter.

Major Factors: Bad Weather, Darkness.

Geographic Terrain in Incident Region: Coastal Waters.

Departure to Destination Flight Path Length: 300 km.

Incident Description:

The helicopter disappeared on route from a small community to a major city.

The software predicted the crash location of the helicopter.



Incident Synopsis:

Incident Type: Aircraft Crash Location - Debris.

Aircraft Type: International commercial passenger aircraft.

Geographic Terrain in Incident Region: Over Ocean.

Major Factors: Equipment Failure.

Departure to Destination Flight Path Length: 7,000 Km.

Incident Description:

An international airliner disintegrated while flying across an ocean to its destination.

The aircraft's debris was located in the ocean very close to the predicted location.



Incident Synopsis:

Incident Type: Aircraft Crash Location - Debris.

Aircraft Type: International commercial passenger aircraft.

Major Factors: External.

Geographic Terrain in Incident Region: Over Land.

Departure to Destination Flight Path Length: 10,000 km.

Incident Description:

An International aircraft broke up in flight as it flew over land.

The aircraft's major debris was located close to the predicted location.



Incident Synopsis:

Incident Type: Aircraft Crash Location.

Aircraft Type: Domestic regional passenger aircraft.

Major Factors: Bad Weather. Poor Visibility.

Geographic Terrain in Incident Region: Over Mountains.

Departure to Destination Flight Path Length: 100 km.

Incident Description:

A regional aircraft disappeared in poor weather conditions.

The aircraft's debris was located very close to the predicted location.



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