‘Incident Commander Pro’ Software

Professional Tools for Aeronautical Search and Rescue

‘Incident Commander Pro’ - powerful Air-Search features include:

Air-Search Response

- Pre-Planned Air-Search Missions
- Recommended Search Strategies
  - Air-Search Plans and Data
  - Effective Search Tactics
    - Air-Search Patterns
    - Search Optimization
    - Drift Plotting Routine

Initial Response

- Track Line Search
- Scaled-Up Response
- Major Air-Search Mission

Search Plan along Flight Path towards intended Destination
Integrated ICAO Search Patterns

- Track Line Search
- Parallel Track Search
- Expanding Square Search

Manage SAR Missions

- Integrated GIS Mapping.
- 'Live-Trak' Real-Time Google Earth Tracking.
- Familiar NIMS / ICS structure.
- Command, Operations, Planning & Logistics.
- Manages People, Information & Resources.
- Real-Time Mission Maps & Status Displays.
- Integrated Planning Data & Images.
- Powerful Logistic, GIS & Effort Calculators.
- Creates Mission Pre-Plans & Scenario analysis.
- Enhanced Network-Capability for Multi-Users.
- Extensive Reporting, Exporting & Help.
- Customizable to meet user needs.

Air-Search and Marine-Search Assignments
Extensive GIS Capabilities

- ‘Live-Update’ Mission Map display.
- ‘Live-Trak’ plots team locations.
- Creates Pre-Plan & Mission Maps.
- Add background map layers.
- Create multiple map overlays.
- Draw, edit, customize map features.
- Displays a wide range of map formats.
- Plot target distance/direction profiles.
- Plot target distance/direction drift.
- Create area probability maps.
- Plots GPS track-files.
- Export routes to GPS devices.
- Loads routes/areas into Assignments.

Recommended Procedures for Multiple Search Object Types

Air-Search Datasets

- Crashed Aircraft Probability Distance
- Aircraft Flight Speed Tables
- Aircraft Speed & Elevation Data
- Recommended Air-Search Patterns
- Flight Profiles for Search Targets

Search Pattern Templates

- Aeronautical Symbols
- Emergency Beacon Symbols
- Weather Symbols

Multiple Scalebar Units

Expanding Square Search Pattern
Real-Time Operations Displays
- Mission Statistics Dashboard
- Mission Status Display
- Personnel Status Display
- Resource Status Display

Enhanced Planning Functionality
- Mission Routes
- Mission Areas
- Operations Plan
- Assignment Forms
- Terrain Type Tables
- Screen Background Image
- Custom Organization Logo
- Missing Person Questionnaire

Aircraft Crash Map

Aeronautical Map Symbology
- For ‘Incident Commander Pro’
- For ‘Global Earth Tools’ for Google Earth
Integrated Logistic Functionality

- Communications Logs
- Communications Plans
- Mission Medical Plans
- Check-In Personnel
- Resource Tracking
- Mission Status Displays

Aircraft Debris Search Data

Weather Map Symbology

- For ‘Incident Commander Pro’
- For ‘Global Earth Tools’ for Google Earth

Planning Data

- Probability of Detection Tables
- Sweep Width Tables
- Subject Behavioral Profiles
- Travel Speeds
- Mission Types
- Search Patterns
- Pre-Plan Notebook
Search Planning Calculators

- Probability of Success Prioritization
  - Sweep Width Tables
  - Probability of Detection Tables
  - Search Coverage Calculator
  - Probability of Area Calculations

- Search Speed Tables

Drift Plot Projections

Integrated Drift plotting routine plots predicted drift locations with time.

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