



WASP

Wing and Squadron Planner

- Provides tools to aid in Air Force mission planning by the generation or reception of Air Tasking Orders (ATOs)
- Allows the warfighter the capability to access information on a vast array of resources
- Enables collaborative planning of missions with the ability for staff at all levels of command and within the same headquarters to view the development and progress of the plans and the status of current missions
- Supports U.S. Message Text Format
- Displays near real time relevant weather data, airfield status, aircraft and aircrew availability
- A relatively light tool, ideal for deployed operations



WASP proposes an event-driven, seamless approach for treating mission requests from 1CAD headquarters down to the assignment of crew and aircraft at the wing and squadron levels. WASP functionalities include capabilities to receive, store, and correlate mission and resource information and weather data. Tools are provided to plan missions, assign airframes and crews to missions, monitor missions and produce mission reports. WASP promotes interaction among all those involved in, or affected by, a particular operation and uses a standard message format (the U.S. Message Text Format or USMTF) Air Tasking Order (ATO) to exchange information with complementary or supporting systems from allied nations. USMTF ATOs from external sources may be received and parsed with information populated into a database, or ATOs may be generated and disseminated to appropriate operations centres.

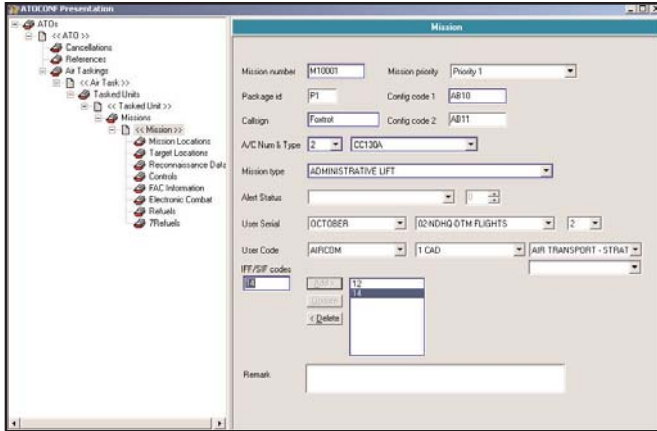
WASP integrates a weather sub-system to provide information on weather factors that may affect current or near-term operations. This sub-system summarizes weather reports from Canadian Forces airfields, using colour-coded symbols on a map display, and allows detailed queries on weather reports. An alert module monitors current and forecast conditions to draw attention to particular situations that may effect operations. A graphics package is also included for the production of weather maps and their incorporation in comprehensive weather briefings for command staff.

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Objectives

A seamless approach for the preparation of Air Force missions, in collaboration from high-level headquarters down to wings and squadrons for the assignment of crew and aircraft



Capabilities

- Collaborative planning networked environment
- Deployed operations
- Air Tasking Orders – Generation and Reception
- Aircraft and Aircrew Scheduling Boards
- Mission Report Generation
- Mission status tracking
- Integrated weather functions

Technologies

- Windows 2000
- Oracle 8i, SQLNet
- C++ Builder, ProC++, Paradigm++
- Grassland / VIZ GIS

For more information

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