

# AIR FORCE MISSION SUPPORT

The mission? **Helping the pilot reach the target and return**

## ***BUILDING THE COMBAT SUPPORT DATABASE***

Powerful workstations can mission plan and factor in:

- Order of battle data
- Digital terrain data
- Threat data (radars, missiles and anti-aircraft artillery)
- The characteristics/limitations of the aircraft
- Weather data

Working under the direction of the 57th Intelligence Squadron, SRC, Inc. generates the thousands of Threat Data files contained in the Combat Support Database (CSDB).

The CSDB's purpose is to support mission-planning systems. Because of the CSDB's ability to meet diverse requirements, it is the primary threat database for the following systems:

- Mission Planning System, including Common Low-Observable AutoRouter and threats-on-the-fly
- Improved Many on Many — Electronic Warfare Mission Planning
- Portable Flight Planning System (PFPS) — PC-based simplified system
- Joint Mission Planning System — next generation all-service system
- Automated Deep Operations Coordination System — intelligence planning system for Special Operations/Army

SRC has extended its support into the near real-time feed area. SRC was instrumental in developing/modifying the dynamic link libraries for the three main near real-time feed systems. Another vital contribution was in linking near real-time feed information to meaningful visual cues that allow warfighters instant understanding of battlefield situations.

***SRC GENERATES THE THOUSANDS OF THREAT DATA FILES CONTAINED IN THE COMBAT SUPPORT DATABASE***



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The Order of Battle Management Tool (OBMT) was created to help manage order of battle data in various formats. The data can be filtered based on threat-type and exported into the format utilized by MPS, improved many on many, PFPS, joint mission planning system and automated deep operations coordination system.

A separate user-entered section allows you to enter your own order of battle should you receive data in a non-electronic format, such as message traffic or training data. You may also correlate threats in the order of battle for which data is not available to a corresponding threat for which CSDB data is available.

User comments have included:

- “The tool has, and will save, tremendous hours of work”
- “OBMT is vital”
- “OBMT was the critical link [between production and the unit level]”

### CURRENT STATUS

- The CSDB SIPRNet Web page is getting more than 10,000 hits per month by air crews checking for the latest threat data
- The PFPS is gaining large numbers of users (310,000 registered users)
- Worldwide, there are more than 900 MPS workstations
- The CSDB contains approximately 5,000 threat objects



800-724-0451 • [inquiries@srcinc.com](mailto:inquiries@srcinc.com) • [www.srcinc.com](http://www.srcinc.com)

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