

# Worrel/Weeks Aircrew Protection Center

Testing and evaluating complex survivability and protection systems in a simulated real-world environment.

The Worrell/Weeks Aircrew Protection Center vastly improves capabilities for testing and evaluating complex survivability and protection systems in a simulated environment. Until now, testing multi-spectral, integrated systems has been a significant challenge, relying principally upon costly platform deployment. This new state-of-the-art lab enables rigorous analysis of aircraft survivability equipment in an operationally representative environment.



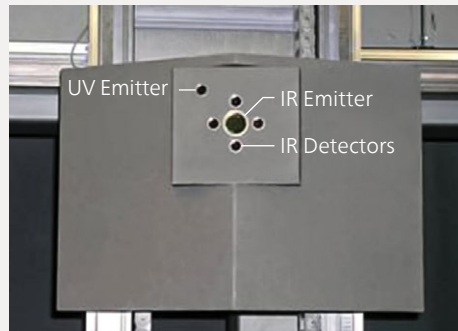
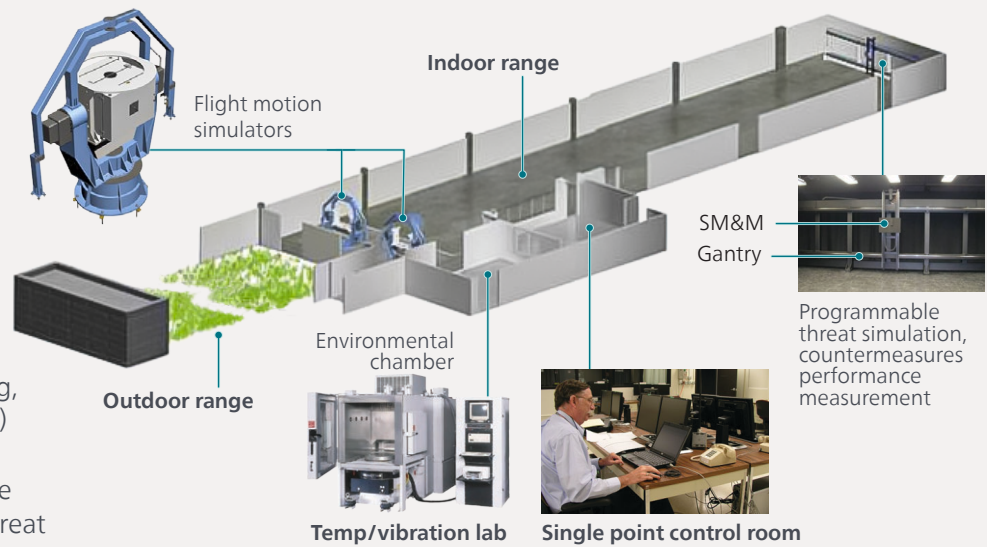
## Benefits

- Full spectrum electronic warfare testing
- Operational testing during exposure to simulated platform temperature, vibration, and motion
- Identify and resolve performance issues prior to fielding
- Increase the program's integration readiness level
- Test systems against emerging multi-spectral threats
- Test facility reduces overall program cost

# Complex survivability and protection systems testing

## System features

- Co-located EO/IR/RF and acoustic integration and test capabilities
- Software development lab
- Virtual links to other system integration labs
- Two independent flight motion simulators with removable environmental chamber
- Integrated stimulation, monitoring, and measurement system (SM&M) on gantry
- Two-axis gantry allows for movable multispectral target to simulate threat environment
- Growth to include mission modeling



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