



US Air Force Mission Support System Air Mobility Command Scott AFB, IL

The Air Force Mission Support System (AFMSS) provides the US Armed Forces mission planners with a valuable automated system that can operate in a stand-alone environment or link to a command information system. AFMSS provides mission planners with near real time data feeds for their core software. Air Mobility Command (AMC), whose primary mission is to provide rapid, global mobility for US Armed Forces through strategic airlift and aerial refueling, is one of the many units that AFMSS supports. AMC mission planners use AFMSS in conjunction with tailored Aircraft/Weapon/Electronics modules to identify optimal routes for these missions. Since global mission planners work in all kinds of environmental conditions, the mobile computers deployed need to be rugged. So, AFMSS standardized on Panasonic Toughbook® 29s and deployed them to all its mission planners in the field.

In addition, AFMSS also has components for a portable flight planning system, a special operations planning system and a common mapping production system. The combined

functionality provides users with route and airdrop planning, weapons delivery, target area planning, radar predications, threat analysis, route fly-through and perspective views. The system's automated planning process takes into account terrain, weather, aircraft performance capability and configuration. The mission planner uses the system to select the optimal route and identify possible barriers and other conflicts.



toughbook 29

The system and hardware provide an integrated solution that supports all US Armed Forces' missions and aircraft while keeping the mission planners productive in all environmental conditions. Even though Panasonic Toughbooks are designed to comply with all MIL-STD-810F requirements, the US Air Force chooses to test each Toughbook before it is deployed to the field. And Toughbooks consistently receive the US Air Force's highest evaluation scores, which is why AFMSS knows it can count on Toughbooks to perform in mission-critical situations.



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and deployed them to all its mission
planners in the field.**

challenge

- Ensure mobile computer has passed stringent MIL-STD-810F testing
- Support troops with mobile mission planning tools and technology
- Deploy a proven mobile computing solution that performs in all environmental conditions

solution

Over 2,000 Panasonic Toughbook 29s were deployed to mission planners in the field to perform planning operations.

result

Rugged Panasonic Toughbooks have proven to be a reliable tool to US Armed Forces in the field.

**For more information about
Panasonic's full line of Toughbook
mobile PCs for federal government:**

call:

1-800-662-3537, option 3

email:

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visit:

panasonic.com/toughbook/federal