

## CASE STUDY

# DURABOOK U11 KEEPING MILITARY PLANES READY TO SERVE

### CUSTOMER

US Air Force

### CHALLENGE

US Air Force Flight Line Maintenance Crew need to perform service and repairs in the harshest conditions on the planet.

### SOLUTION

Featuring the latest Intel Core processors, Durabook has designed the U11 fully rugged tablet to support the Air Force eTools initiative. The U11 fully rugged tablet features a multi-touch 11.6-inch FHD sunlight-readable display, providing excellent viewing both indoors and out.



## OVERVIEW

The United States Air Force has eliminated traditional service manuals and paper reference material and has transitioned this technical documentation to a digital format. The USAF utilizes rugged notebooks and tablets known as eTools to view this digitized information. With aircraft deployed on military bases across the globe, the USAF needs to service aircraft regardless of environmental conditions and requires reliable eTools to view their technical documentation. Durabook has designed its U11 specifically to meet the harsh demands encountered by the aircraft maintenance crew.



# U11 Tablet



## CHALLENGE

US Air Force Flight Line Maintenance Crew need to perform service and repairs in the harshest conditions on the planet. From the extreme heat and dust of the deserts to sub-freezing lows found at the poles, maintenance crews are frequently working outdoor in unfavorable weather. To ensure mission readiness, their work must happen regardless of environmental conditions. Therefore, rugged mobile IT technology is mission-critical to flight line maintenance.

## SOLUTION

Featuring the latest Intel Core processors, Durabook has designed the U11 fully rugged tablet to support the Air Force eTools initiative. The U11 fully rugged tablet features a multi-touch 11.6-inch FHD sunlight-readable display, providing excellent viewing both indoors and out. In addition, the U11 offers an optional detachable keyboard, allowing the tablet to fit in the smallest spaces requiring service. The HERO-certified U11 withstands the extreme temperatures

of the desert and features heat-cured exposed screw sealant and a fan-less design to prevent foreign object debris (FOD) from becoming a hazard.

The U11 is water-resistant and performs flawlessly in extremely low temperatures. An easily removable SSD and robust I/O connectivity add to the ease of use. To complete each mission, the Durabook U11 delivers the extra-long battery life and hot-swappable battery capability to get the job done.

Durabook offers eTools cabinets in 5 and 10 drawer configurations. These cabinets serve as a storage and charging solution. With built-in network connectivity, software updates to digital maintenance manuals can seamlessly be provided to each eTool device while securely stored.

With a broad array of accessories, including vehicle mounts, barcode scanners, and eTool Cabinets, the U11 provides the flight line maintenance team with a powerful computing solution for all situations.

## RESULTS

The United States Air Force has deployed the Durabook U11 globally, delivering a technology solution to the US Military that Durabook backs with a 4-year warranty. Exceeding the standards for rugged, the U11 is HERO-certified and MIL-STD-883C compliant. Additionally, the connectivity of the U11 has allowed the Department of Defense to maintain their legacy flight line and service the latest aircraft deployments.

