Original Owner

United States Army

Acquired by CAL FIRE

In service operationally for CAL FIRE 2010

Mission

Capable of being anywhere in the state in 2 hours or less, CAL FIRE Intel 641 is CAL FIRE'S first Incident Awareness and Assessment (IAA) platform. Intel 641 is outfitted with specialized heat-sensitive cameras that can collect imagery within multiple bands of the electromagnetic spectrum, and is used for intelligence gathering and reconnaissance. Research Data Specialists from CAL FIRE'S Remote Sensing Program utilize this platform for collecting, processing, analyzing, and disseminating critical and timely intelligence to Incident Commanders, Units, Regions, and Sacramento Headquarters. This critical information is used for tactical decision-making to support the firefighters on the front line, in addition to providing support for non-fire incidents and research.

SPECIFICATIONS:

Cruise Speed:

333 mph

Payload:

Overwatch TK-9
FLIR 380X-HDc

Collection Rate:

>290,000 acres/hour

Crew:

Pilot and Remote Sensor Operator