



PRESERVING OUR LEGACY **100 YEARS OF CDF** PROTECTING OUR FUTURE

# S-2T AIRTANKER

## **MANUFACTURER**

Grumman Aerospace, Bethpage, New York.

## **ORIGINAL OWNER**

U.S. Navy, 1958-1975; The S-2E/G carrier-based anti-submarine warfare airplane.

## **ACQUIRED BY CDF**

In 1996, CDF acquired 26 S-2E/G planes from the Department of Defense. CDF converted the planes to a fire fighting configuration and fitted them with modern, powerful turboprop engines. The completely reconditioned S-2Ts are faster, safer, more maneuverable, and carry a larger retardant payload than the S-2A airtankers CDF had used since the 1970s. The S-2T airtanker is part of CDF's air program modernization efforts that will result in the safest and most efficient mix of aircraft to carry-out the Department's fire fighting mission. The final three S-2Ts were completed and delivered in 2005. CDF has 23 S-2T airtankers. One is permanently stationed at the Sacramento Aviation Management Unit facility for maintenance relief.

## **MISSION**

CDF uses the S-2T airtankers for fast initial attack delivery of fire retardant on wildland fires.

## **CREW**

One pilot

## **PAYLOAD**

1,200 gallons long-term fire retardant

## **SPECIFICATIONS**

**Gross Weight:** 29,150 pounds  
**Max. Operating Speed:** 270 mph  
**Range:** Loaded: 500 miles/Empty: 800 miles  
**Wing Span:** 73 feet  
**Endurance:** 4.5 hours  
**Engines:** Two (2) Garrett TPE331-14GR turbine engines. (1,650 horsepower each)

