



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 is converting the planes to a fire fighting configuration and fitting 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 has 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 fire fighting mission. The final three S-2Ts are scheduled to be completed and delivered by June 30, 2005. As the new airtankers are delivered and placed in service the original S-2A's are retired.

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
Cruise Speed: 285 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)

