

**NOW WITH GEN. II
FIRE RETARDANT
DISPERSAL SYSTEM**



FIRST FAST FIREFIGHTER

AIR TRACTOR AT-802F

There's only one single engine air tanker known around the world as the most effective aircraft for initial and extended attack on small and large wildfires: AT-802F.

- Computerized, 800-gallon precision coverage
- Rapid turnarounds & fast ferry speeds
- Unsurpassed fixed-wing maneuverability
- Long term, short term retardant and hydromulch
- Exceptional mission profile versatility

AIR TRACTOR GLOBAL DEALER NETWORK

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STANDARD EQUIPMENT

- New Pratt & Whitney PT6A-67AG 1350 SHP turboprop engine
- 5-blade constant speed reversing Hartzell propeller
- 3-inch dual bottom loading valves
- 820 gallon fiberglass hopper, heat cured derakane resin
- 18-gallon foam tank
- Hydraulically driven rotary actuator to operate fire gate doors
- Computer-controlled doors to provide even flow rate
- Pilot interface to select gallons to drop, coverage level, and ground speed adjustment
- Accelerometer for automatic adjustment for fire doors
- 274 square inch vent door
- Streamlined fiberglass fairings for fire gate
- Pump shut-off valve
- 3-color polyurethane paint finish
- 32-inch low-pressure tires with dual 4-piston brakes
- Electrically operated high lift flaps
- 300 amp starter-generator
- 254 gallon fuel tanks
- Strobe lights
- 600-watt retractable landing lights
- Nose mounted taxi lights
- Turn windows
- Air conditioned cockpit
- Cabin heater
- Windshield washer and wiper
- Fuel flowmeter
- Quick-detach 3" spray system
- Electric turn coordinator
- Hoerner wingtips
- Outside air temperature gauge
- Fire extinguisher
- 16,000 pound FAA certificated gross weight

OPTIONAL EQUIPMENT

- Optional engine is PT6A-67F, flat rated at 1424 SHP
- Two-seat configuration
- Conversion package to remove fire gate and doors to install Ag model hopper adapter, Transland 38-inch gate, spray pump, plumbing
- Bottom loading system for foam tank
- Smoker
- Night work lights (in addition to night flight package)
- Retractable 600W landing light in L/H wing at tip
- Vertical speed indicator
- Attitude gyro
- Attitude gyro in lieu of electric turn coordinator (all 802 models)
- Clock
- S-Tec 2-axis autopilot (all 802 models)
- ACK E-01 emergency locator transmitter
- Standard radio base package
- GPS panel in lieu of standard
- Garmin GMA 340 audio panel w/ intercom and marker beacon
- Garmin color moving map GPS/NAV/COM w/ILS and worldwide data base
 - Model GNS 430
 - Model GNS 530
- Garmin GNC 250XL moving map GPS/COM w/ worldwide data base
- Garmin GTX 327 Transponder w/ blind encoder
- King KT76A Transponder w/ blind encoder
- King KY96A COM radio
- King KY196A COM radio
- King KX155 NAV/COM w/ glidescope
- King KR87 ADF automatic direction finder
- King KCS55A HIS/slave compass (all 802 models)
- King KN64 DME
- King KMA24H audio control console w/ marker beacon
- Ferry fuel system (international)
- 308 gallon fuel tanks
- 380 gallon fuel tanks
- White paint scheme in lieu of yellow
- Lightning safe features
- Amphibious float preparations
- Fuel control manual override
- Engine fire detection system

SPECIFICATIONS

Engine type	PT6A-67AG
Engine SHP & RPM	1350 @ 1700
Propeller (Hartzell)	HC-B5MA-3D/M11691NS
Propeller diameter	118.0 in.
FAA Cert. Gross Wt.	16,000 lb.
FAA Cert. Land. Wt.	16,000 lb.
Empty Wt. (1-seat) (2-seat)	7,050 lb. 7,210 lb.
Useful Load (1-seat) (2-seat)	8,950 lb. 8,790 lb.
Hopper capacity	820 U.S. gal.
Hopper capacity	109.6 cu. ft.
Foam tank capacity	18.0 U.S. gal.
Fuel capacity	254 U.S. gal.
Wingspan	59.25 ft.
Length	35.7 ft.
Height	11.0 ft.
Wing area	401 sq. ft.
Main wheel tire size	32.0 in.
Tail wheel tire size	6.25 x 6
Never exceed speed (below 12,500 lbs.)	227 mph CAS
Never exceed speed (above 12,500 lbs.)	167 mph CAS

ESTIMATED PERFORMANCE

Cruise speed empty @ 8,000 ft. (66 gph)	187 mph
Cruise speed empty @ 8,000 ft. (88 gph)	221 mph
Working speed (typical)	120-125 mph
Stall speed @ 16,000 lb. flaps up	105 mph
Stall speed @ 16,000 lb. flaps down	91 mph
Stall speed as usually landed	69 mph
Rate of climb @ 16,000 lb. 1220 SHP	850 fpm
Take-off distance @ 16,000 lb.	2,000 ft.
Landing distance (empty)	800 ft.
Range, economy cruise (66 g.p.h.), empty	800 mi.

AIR TRACTOR AT-802F // 2-SEAT CONFIGURATION

