

NOW THE BEST IS BETTER & BIGGER



**MODEL AT401
400-Gallon
Efficiency!**



LONGER WING FLAPS MEAN SHORTER TAKE-OFFS

Increasing the flap span 4 feet makes an already efficient flap system even better. Ailerons are interconnected with flaps, droop 10 degrees when flaps are fully extended.



NEW INSTRUMENT PANEL PUTS THE INSTRUMENTS CLOSER TO LINE-OF-SIGHT

Upper panel has plenty of room between instruments and hopper, but is attached with six Camlocs and can be removed in less than a minute.

Lower panel is hinged on bottom side, attached with camlocs on top side, swings down for ready access to electrical switches and wiring.



FIBERGLASS WING FAIRINGS STREAMLINE WING ROOT

Besides the aerodynamic advantages these fairings help keep fertilizer out of the fuselage by lapping the side skins over the fairings.

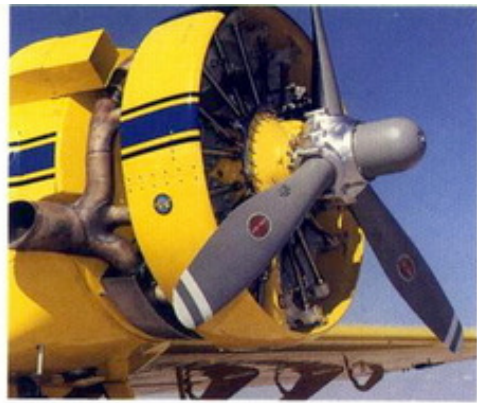
NEW AT-401 BIGGER... NECESSARY!

AIR TRACTOR, INC. Announces an important addition to its line of reliable, popular ag planes...THE NEW AT-401



Designed for operators needing to carry more than 350 gallons, the AT-401 incorporates aerodynamic refinements that are required to carry the extra weight, plus a stronger landing gear with larger brakes to handle higher gross weights on rough strips.

A strenuous effort has been made to reduce maintenance costs . . . such as the incorporation of all-metal elevators and rudder to replace fabric-covering, . . . so that lower operating costs may be combined with increased productivity . . . a necessity for the 80's and beyond.



OPTIONAL 3-BLADE HYDROMATIC PROP REDUCES NOISE LEVELS

For operators in noise-sensitive areas the 23D40 propeller offers a significant reduction in noise levels due to the diameter reduction to 102 inches.



LONGER WINGSPAN PROVIDES THE PERFORMANCE TO CARRY BIGGER LOADS

New wing features 49-foot span, alloy steel lower spar cap, reinforced dent-resistant leading edge.



BRAKES AND LANDING GEAR BEEFED UP FOR HIGHER WEIGHTS

Cleveland 4-piston brakes stops at the AT-401 quicker. Thicker brake disc provides more heat soak, less brake maintenance, longer life.

Landing gear spring thickness increased to 1 1/2 inches to handle bigger hopper loads with less deflection, resulting in less tire wear and longer spring life.



Designed to Work a Lifetime!

All Air Tractors have reliable Pratt & Whitney power up front. The Industry Standard is the economical R1340 P&W radial...re-manufactured to Air Tractor specifications that include new main and thrust bearings, new pistons, new blower bearings, fresh porous-chrome cylinders for low oil consumption and extended wear, new tailored rings ...the spare-no-expense things that set Air Tractor engines apart from the rest, and provide long trouble-free engine life.

The AT401 has been designed to allow conversion to Pratt & Whitney PT6 power at a later date...when the next level of high productivity is needed...which makes the AT401 an airplane to last a lifetime.



400-GALLON HOPPER INCREASES PRODUCTIVITY

The AT-401 has increased hopper space ... Along with increased performance that allows carrying bigger loads.

Standard Equipment

2-Inch stainless spray system with streamlined booms, 41 nozzles
Bottom loading valve, 2-inch, Transland
2-Inch Agrinautics spray pump with Transland on-off valve, 2-blade wood fan
400-Gallon Vinylester (Derakane) hopper
Panel-mounted instrument-sized hopper quantity gauge
Hopper window
Transland 38-inch wide gate box
3-Color polyurethane paint finish
8.50 x 10 tires with 4-piston brakes heavy-duty brake disc
1½-Inch thick E-4340 main landing gear spring
2-Blade hydromatic propeller, new manufacture
60-amp alternator, wiring for night work lights
Electrically operated high-lift flaps with aileron droop
126-Gallon fuel tanks
Speed ring
Ground start receptacle
Fiberglass wing fairings
All-metal empennage
Alloy steel lower wing spar caps
Reinforced wing leading edge .080-inch thick
Aileron boost tabs
Rudder boost tab
Elevator boost tabs
Trigger type control stick grip
4-Inch cabin vent system
Open nylon mesh seat covers

Optional Equipment

Transland 22356 extra high volume spreader
Transland 54401 NorCal Swathmaster
38 Extra nozzles for high volume spraying
Night flight package of strobe/nav lights
Night working lights
Retractable 600 watt landing light
Narco ELT-10 emergency locator transmitter
King KX155 Nav/Com
3-Blade hydromatic prop
Windshield washer
Ferry fuel system

Specifications

Engine type	P&W R1340
Engine H.P. and RPM	600 @ 2250
Propeller (hydromatic)	22D40/6533A-12
Take-off weight	7,860 lbs.
Landing weight	6,000 lbs.
Empty weight with spray equipment installed	4,080 lbs.
Useful load	3,780 lbs.
Hopper capacity (U.S. gallons)	400
Fuel capacity (U.S. gallons)	126
Oil capacity (U.S. gallons)	8.0
Wing span	49.1 ft.
Wing area	294.0 sq. ft.
Main wheel size	8.50 x 10
Tail wheel size	5.00 x 5

Performance with spray equipment installed

Top speed @ S.L. (empty)	156 mph
Cruise speed @ 2000-27'' (4,000')	140 mph
Working speed (typical)	120-140 mph
Stall speed @ 6,000 lbs, flaps up	73 mph
Stall speed @ 6,000 lbs, flaps down	61 mph
Stall speed as usually landed	54 mph
Rate of climb @ 6,000 lbs @ S.L.	1,100 fpm
Rate of climb @ 7,860 lbs @ S.L.	520 fpm
Take-off distance @ 7,860 lbs	1,318 ft.
Range, economy cruise 1900-23'' @ 8,000 ft, 132 mph T.A.S. no reserve	630 miles



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