

# AIR TRACTOR AT-504



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# AT-504

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AYS ITS WAY TODAY. TRAINS  
TOMORROW'S AG PILOTS.

Today's ag pilots aren't getting any younger, but finding a suitable aircraft to train the next generation of aerial applicators hasn't been easy. The AT-504 trainer changes that.

With its side-by-side cockpit seating, Air Tractor's newest model provides a superior platform for aerial application and instruction – without sacrificing performance and flight characteristics.

## BASED ON THE BEST

Based on Air Tractor's proven AT-502B airframe – and utilizing the same Pratt & Whitney PT6A-34AG turboprop engine – the AT-504's performance specifications mirror the 502 in speed, capacity and overall performance.

## SIDE-BY-SIDE SET-UP

Inside the cockpit, side-by-side seating offers the most efficient configuration for instant communication, instruction – and correction, if necessary – between pilot and student.

## PERFORMANCE THAT MAKES IT A PLEASURE TO FLY

Working speeds for the AT-504 match the AT-502B; cruising speed is only a few miles-per-hour less. The performance characteristics of the AT-504 prepares trainee pilots for moving up to the 502 or another turboprop ag plane.

## A TRAINER THAT FITS TODAY'S AG BUSINESS

The challenging business conditions facing today's aerial spraying industry demands aircraft that can provide performance. And profit. With the Air Tractor AT-504, when the training day is done, you'll look back and see that it was a productive work day, too.



## AT-504 SPECIFICATIONS

Engine Type:	P&W PT6A-34AG
Engine SHP:	750 @ 2200 RPM
Propeller:	Hartzell HC-B5TN-3D/T10282NS+4
Take-Off Weight:	9,600 lbs. (4 354 kg)
Landing Weight:	8,000 lbs. (3 629 kg)
Empty Weight w/ Spray Equipment:	4,860 lbs. (2 204 kg)
Useful Load:	4,740 lbs. (2 150 kg)
Hopper Capacity:	485 U.S. gal. (1 836 L)
Fuel Capacity:	216 U.S. gal. (818 L)
Wing Span:	52 ft. (15,84 m)
Wing Area:	312 sq. ft. (29,01 m <sup>2</sup> )
Main Wheel Size:	29.00 x 11
Tail Wheel Size:	5.00 x 5
Cruise Speed:	151 mph (245 km/h) at 8,000 ft.
Working Speed (typical):	120-145 mph (193-233 km/h)
Stall Speed, Flaps Up:	75 mph (121 km/h) at 8,000 lbs. (3 629 kg)
Stall Speed, Flaps Down:	65 mph (105 km/h) at 8,000 lbs. (3 629 kg)
Stall Speed as Usually Landed:	53 mph (85 km/h)
Rate of Climb:	860 fpm (262 mpm) at 9,600 lbs. (4 354 kg)
Take-Off Distance:	1,150 ft. (351 m) at 9,600 lbs. (4 354 kg)
Range, Economy Cruise at 8,000 ft. (2 438 m):	608 mi. (978 km)

