

# A RENOWNED PRATT & WHITNEY TURBINE ENGINE INSIDE A LIGHT AND NIMBLE **THRUSH 510P**. THERE'S A REASON THIS PLANE KEEPS RAISING THE BAR FOR AN ENTIRE INDUSTRY.



Powered by the legendary PT6A-34AG, flat rated to 750 shp, the Thrush 510P delivers exceptional power for takeoff and climb, while carrying the kind of maximum loads and delivering the superior spray patterns that make you more productive and profitable. It's the kind of airplane you can depend on well into the 21st century. The 2011 Thrush 510P. Come for a demonstration flight, and grab a piece of the legend for yourself.

The Thrush 510P. A legend. Made better.



**Something new is going on here.**

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## PRELIMINARY SPECIFICATIONS AND PERFORMANCE DATA

• Length	32 feet 4 inches	9.854 meters
• Height	9 feet 4 inches	2.843 meters
• Wing Span	47 feet 6 inches	14.478 meters
• Wing Area	350 square feet	32.52 square meters
• Tread Width	9 feet	2.74 meters
• Fuel Capacity	228 gallons	863 liters
• Empty Weight	4,900 pounds	2,223 kilograms
• Typical Operating Weight	10,500 pounds	4,763 kilograms
• Hopper Capacity (Dry)	66 cubic feet	1.87 cu. meters
• Hopper Capacity (Liquid spray system)	510 gallons	1930 liters
• Working Speeds	90-150 mph	145-241 kph
• Stall Speed as Usually Landed	57 mph	92 kph
• Never Exceed Speed	159 mph	256 kph
• Sea Level Rate of Climb at 6,000 lbs	1,075 fpm	327.7 mpm
• Sea Level Rate of Climb at 10,500 lbs	666 fpm	203 mpm
• Take-Off Distance at 10,500 lbs	1,530 feet	466 meters
• Landing Distance as Usually Landed	600 feet	182.8 meters
• Landing Distance as Usually Landed w/Reverse	400 feet	121.9 meters
• Fuel Consumption	45-50 gph	170-189 lph
• Cruising Speed at 55% Power	150 mph	241 kph
• Ferry Range at 45% power and 135 mph at 7,500 feet	770 miles	1,238 kilometers

Note: Performance figures calculated for Pratt & Whitney PT6A-34AG. Option of Garret or Pratt & Whitney Power Plant. Ag specs are preliminary and subject to change.