



THRUSH  
510P

# 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. |                  |                     |