

**THE FUTURE HAS LANDED RIGHT HERE AT THRUSH.  
INTRODUCING OUR LEGENDARY 510 WITH AN EXCLUSIVE NEW GE ENGINE. **THE THRUSH 510G.****



Climb into the cockpit of the 510G and its new GE H80 turbine will make you a believer the moment you're airborne. Lighter than other powerplants, the H80 delivers plenty of thrust for nimble performance – even with a full 510-gallon payload. And it provides increased temperature margins to enhance hot-day takeoff performance and high-altitude cruise speeds.

The new Thrush 510G. Come fly the future.



**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	4,700 pounds	2,132 kilograms
• Typical Operating Weight	10,500 pounds	4,763 kilograms
• Hopper Capacity (Dry)	66 cubic feet	1.93 cubic meters
• Hopper Capacity (Liquid spray system)	510 gallons	1930 liters
• Working Speeds	90-150 mph	145-241 kph
• Stall Speed as Usually Landed	55 mph	89 kph
• Never Exceed Speed	188 mph	303 kph
• Sea Level Rate of Climb at 6,000 lbs	1,400 fpm	426.7 mpm
• Sea Level Rate of Climb at 10,500 lbs	680 fpm	207.3 mpm
• Take-Off Distance at 10,500 lbs	1,339 feet	408 meters
• Landing Distance as Usually Landed	550 feet	167.6 meters
• Landing Distance as Usually Landed w/Reverse	350 feet	106.7 meters
• Fuel Consumption	45-50 gph	170-189 lph
• Cruising Speed at 55% Power	159 mph	256 kph
• Ferry Range at 45% power and 135 mph at 7,500 feet	800 miles	1,287 kilometers

Note: These performance numbers are preliminary in nature and are subject to change. Please call Thrush Aircraft or visit us online for the very latest specifications on the 510G.