

SPECIFICATIONS

| Performance Specifications | | |
|---|---|---|
| | Skylane | Turbo Skylane |
| Speed & Range | | |
| Maximum Speed (ktas) | 150 <small>(sea level)</small> | 176 <small>(20,000 ft)</small> |
| Cruise Speed (ktas) | 131 <small>(80% @ 12,000 ft)</small> | 163 <small>(88% @ 25,000 ft)</small> |
| Range (nm) | 892 <small>(45 minutes reserve, Max)</small> | 752 <small>(45 minutes reserve, Max)</small> |
| Takeoff Distance - Sea Level, ISA, MTOW (ft) | | |
| Ground Roll | 795 | 775 |
| To Clear 50 Feet Obstacle | 1,515 | 1,385 |
| Landing Distance - Sea Level, ISA, MLW (ft) | | |
| Ground Roll | 590 | 590 |
| To Clear 50 Feet Obstacle | 1,350 | 1,350 |
| Climb & Ceiling | | |
| Rate of Climb at Sea Level (ft/min) | 924 | 1,039 |
| Service Ceiling (ft) ¹ | 18,100 | 20,000 |
| Certified Ceiling (ft) | 18,100 | 20,000 |
| Weights (lb) | | |
| Maximum Ramp Weight | 3,110 | 3,112 |
| Maximum Takeoff Weight | 3,100 | 3,100 |
| Maximum Landing Weight | 2,950 | 2,950 |
| Usable Fuel Capacity (gal) | 87 | 87 |
| Typically-Equipped Empty Weight ² | 1,997 | 2,095 |
| Useful Load ³ | 1,113 | 1,017 |
| Full-Fuel Payload ⁴ | 591 | 495 |

1. Maximum altitude at which the aircraft can maintain a climb rate of 50 ft/min.

2. Typically-equipped, empty weight includes aircraft avionics, typical options, interior, engine oil, trapped fluids, and unusable fuel. Does not include a weight allowance for a pilot.

3. Amount of payload and/or fuel than can be carried. Based on Ramp Weight minus Typically-Equipped Empty Weight.

4. Amount of payload that can be carried when the fuel tanks are full.

SPECIFICATIONS

| Basic Specifications | | |
|--|----------------------------------|----------------------------------|
| | Skylane | Turbo Skylane |
| Certification Basis | Part 23 | Part 23 |
| Aircraft Dimensions (ft in) | | |
| Length | 29' 0" | 29' 0" |
| Height | 9' 4" | 9' 4" |
| Wing Span | 36' 0" | 36' 0" |
| Wing Loading (lb/in ²) | 17.9 | 17.9 |
| Cabin Dimensions | | |
| Length (ft in) ¹ | 11' 2" | 11' 2" |
| Height (in) | 33 - 49" | 33 - 49" |
| Width (in) | 35 - 42" | 35 - 42" |
| Accommodations | | |
| Number of Passenger Seats (standard - maximum) | 3 - 3 | 3 - 3 |
| Baggage Capacity (ft ³ /lb) | 32 / 200 | 32 / 200 |
| Engine | | |
| Manufacturer | Textron Lycoming | Textron Lycoming |
| Model | IO-540-AB1A5 | TIO-540-AK1A |
| Power Output | 230 hp (2,400 rpm) | 235 hp (32" hg and 2,400 rpm) |
| Overhaul Interval (hr) | 2,000 | 2,000 |
| Propeller | | |
| Manufacturer | McCauley | McCauley |
| Description | 3 blade metal, constant speed | 3 blade metal, constant speed |
| Diameter (in) | 79 | 79 |
| Ground Tip Clearance (in) | 10.9 | 10.9 |
| Overhaul Interval (hr) | 2,400 | 2,400 |

1. Firewall to rear bulkhead.