



Aeronautic Excellence, By the Numbers.

AG-5B Tiger • Specifications

PERFORMANCE

Top speed at sea level	148 kt	274 km/h
Speed (mid-weight cruise)	143 kt	264 km/h
Cruise @ 75% power, cruise altitude	8500 ft	2591 m
Fuel consumption	10.7 gph	40.5 l/h
Endurance	4.7 hr	4.7 hr
Range (no reserve)	681 nm	1262 km
Range (with 45 min, reserve)	572 nm	1059 km
Rate of climb @ sea level	850 fpm	4.32 m/sec
Service ceiling	13,800 ft	4206 m
Takeoff distance over 50 ft obstacle	1550 ft	473 m
Landing distance over 50 ft obstacle	1120 ft	341 m
Stall speed, flaps down (Vso)	53 kt	98 km/h
Stall speed, flaps up (Vsi)	56 kt	104 km/h

AIRFRAME

Max gross weight on ramp	2400 lb	1089 kg
Empty weight	1500 lb	680 kg
Useful load	900 lb	408 kg
Baggage max weight	120 lb	54 kg
Wing span	31.5 ft ²	9.6 m ²
Length	22.0 ft	6.7 m
Height	8.0 ft	2.4 m
Fuel capacity	52.6 gal	199 l
Usable fuel	51.0 gal	193 l

POWERPLANT

Engine	Lycoming O-360-A4K @2,700 rpm 180 bhp
Oil Capacity	8.0 qt (7.5 l)
Propeller	Sensenich, two blade, fixed pitch, diameter 76" (1.93 m)

AVIONICS/ENGINE INSTRUMENTS

- Garmin GMA 340 Audio Panel w/Marker Beacon & Intercom System
- Twin Garmin GNS 430s, each include Com, Nav, VOR, LOC and GPS
- Twin Garmin 106A Glide Slope Indicators
- Garmin GTX 327 Digital Transponder
- S-Tec 30 Two-Axis Autopilot with Altitude Hold

ELECTRONIC ENGINE INSTRUMENT CLUSTER

- Sigma/Tek Vacuum Gauge
- Sigma/Tek Load Amp Gauge
- Sigma/Tek Oil Pressure Gauge
- Sigma/Tek Oil Temperature Gauge
- Sigma/Tek Fuel Pressure Gauge
- Sigma/Tek Cylinder Temp Gauge

BACKLIT INSTRUMENT PANEL

- Machined Aluminum
- Electric Engine Primer
- 24 Volt Electrical System
- Panel Light Dimmer
- Instrument Light Dimmer
- 4 Place Intercom System
- Davtron M800 Chronometer
- Horizon Instruments Digital Tachometer
- Dome Light
- Ground Clearance System
- Push Button Breaker System
- Alternator Warning Light
- Alt Static System
- Datcon Hobbs Meter
- Starter Engine Light
- Leather-Wrapped Control Yokes
- Map Light
- Davtron A301C Digital Outside Air Temp



MANUFACTURED WITH PRIDE AT 226 PILOT WAY, MARTINSBURG, WV 25401 (MRB)

CALL TOLL FREE TO FIND YOUR NEAREST SALES CENTER: 877-80-TIGER

www.tigeraircraft.com