



# G120A

High-performance training and aerobatics



POWERED BY H3

# Low operational costs and first-rate availability

## MOST ECONOMICAL TRAINER IN ITS CLASS

The G 120A keeps operating costs low, dispatch reliability rates high and supports the high volume of flying required by an extensive flight training schedule.

This is all made possible by the aircraft's exceptionally long service life, low maintenance requirements, and its super lightweight carbon fiber airframe. Incorporate outstanding fuel economy, well-proven reliability, plus the highly experienced Grob product support team, and the Grob G 120A offers the best possible pilot training solution.



### PERFORMANCE \*

### UTILITY

### AEROBATIC

Landing distance from 50 ft / 15 m <small>ISA, sea level, 50 ft obstacle, MLW</small>	1,845 ft	562 m	1,845 ft	562 m
Take-off distance to 50 ft / 15 m <small>ISA, sea level, 50 ft obstacle, MTOW</small>	2,320 ft	707 m	2,150 ft	655 m
Rate of climb <small>ISA, sea level, MTOW</small>	1,200 ft/min	6,1 m/s	1,280 ft/min	6,5 m/s
Maximum range at 45% power <small>ISA, 30 min reserves, maximum fuel</small>	830 nm	1,537 km	830 nm	1,537 km
Maximum range at 45% power <small>ISA, 45 min reserves, maximum fuel</small>	740 nm	1,370 km	740 nm	1,370 km
Maximum level speed <small>ISA, sea level</small>	172 KTAS	319 km/h	172 KTAS	319 km/h
Cruise speed at 75% power <small>ISA, 5,000 ft</small>	166 KTAS	307 km/h	166 KTAS	307 km/h
Stalling speed	56 KIAS	104 km/h	55 KIAS	102 km/h

### SPECIFICATIONS

Maximum take-off and landing altitude	8,000 ft	2,438 m	8,000 ft	2,438 m
Maximum operating altitude	18,000 ft	5,486 m	18,000 ft	5,486 m
Maximum load factors	+ 4,4 g / - 1,76 g		+ 6 g / - 4 g	
Maximum fuel capacity	66,6 US gallons	252 l	66,6 US gallons	252 l
Maximum take-off weight <small>(MTOW)</small>	3,285 lbs	1,490 kg	3,175 lbs	1,440 kg
Maximum landing weight <small>(MLW)</small>	3,175 lbs	1,440 kg	3,175 lbs	1,440 kg
Typical aircraft empty weight	2,381 lbs	1,080 kg	2,381 lbs	1,080 kg
Baggage allowance	110 lbs	50 kg		
Maximum useful load	904 lbs	410 kg	794 lbs	360 kg

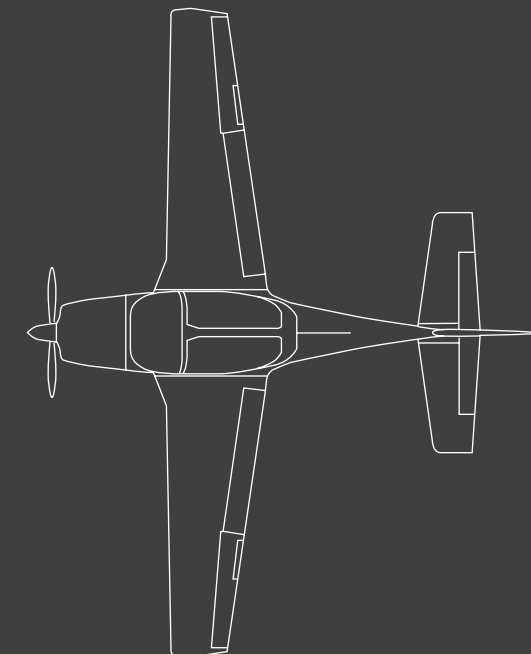
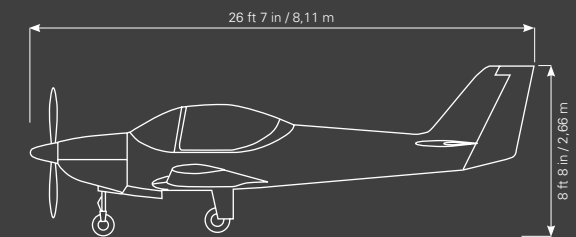
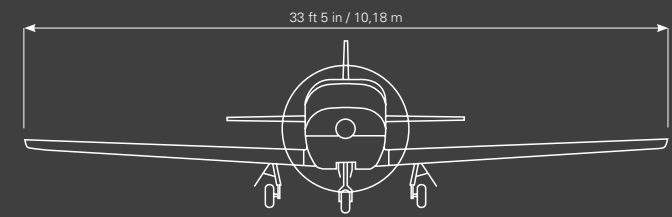
\* Where applicable, performance data assumes standard ISA conditions and a smooth, dry, hard and level surface runway with no wind.



## SPECIFICATIONS

Airframe and wing structure	Carbon fiber	
Passenger seats	2 (side-by-side)	
Type of operation	VFR day / night and IFR in non-icing conditions	
Engine	Lycoming AEIO-540-D4D5 by Textron Lycoming	
Power	260 HP	194 kW
Propeller	3-blade / constant speed	
Avionics	IFR instrumentation with EFIS and King / Bendix components	
External dimensions	Height:	8 ft 8 in / 2,66 m
	Wing span:	33 ft 5 in / 10,18 m
	Length:	26 ft 7 in / 8,11 m
	Wing area:	143,2 ft <sup>2</sup> / 13,3 m <sup>2</sup>
Minimum structural service life	15,000 flight hours (Aerobatic)	

## DIMENSIONS





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