



# Bk160 gabriél

## VARIANT

Bk160

## CERTIFICATION & OPERATIONS

EASA CS-VLA  
VMC

## WEIGHT

MTOW 750 KG  
Useful Load 220 KG

## POWERPLANT

Horsepower 160 hp  
Engine Lycoming IO-320-D1B  
Propeller Hartzell Raptor Series Composites

## DIMENSIONS

Wingspan 9.00 m  
Length 7.44 m  
Height 2.46 m  
Cabin Width 0.76 m

## PERFORMANCE

Takeoff run (ISA) 250 m  
Takeoff Over 50ft 360 m  
Max RoC (MTOW, SL) 1550 fpm  
Max Operating Altitude 15000 ft  
Stall Speed with Flaps 45 KCAS  
Max Level Speed (SL) 164 KTAS  
Landing Groundroll 190 m  
Load Factor +5.0 / -2.5 g  
Max Endurance 3.2 h

## AVIONICS

PFD, MFD - Evolution 2000, Aspen Avionics  
EMS - EDM900, J.P. Instruments  
NAV1/COM1 - GTN650, Garmin  
NAV2/COM2 - GNC255, Garmin  
Audio Panel - GMA340, Garmin  
AoA Indicator and Stall Warning - KLR10, Bendix King  
406 MHz ELT - E04, ACK Technologies  
Dual ADAHRS

## AIRFRAME AND SYSTEMS

High Performance Differential Brakes  
Advanced Electrically Actuated Landing Gear  
5-Point Seatbelts  
Full Carbon Fiber Structure  
Dual Control Stick  
Wingtip Lighting - GliderBurst, Aveo Engineering  
Exclusive Alcantara® Interiors  
Baggage Allowed up to 33 Kg  
Tinted Canopy





# BK100 prime

## VARIANTS

### Bk100

### Bk100T

## WEIGHT

MTOW	472.5 up to 620 KG	472.5 up to 620 KG
Max Baggage Weight	20 KG	20 KG

## POWERPLANT

Horsepower	100 hp	115 hp
Engine	Rotax 912ULS3	Rotax 914ULS3
Propeller	MTV-33-1A Var. Pitch	MTV-33-1A Var. Pitch

## DIMENSIONS

Wingspan	7.94 m	7.94 m
Length	7.18 m	7.18 m
Height	2.41 m	2.41 m
Cabin Width	0.76 m	0.76 m

## PERFORMANCE

Takeoff run (ISA)	150 up to 270 m	140 up to 250 m
Takeoff Over 50ft	300 up to 450 m	280 up to 420 m
Max RoC (MTOW, SL)	1100 fpm	1450 fpm
Max Operating Altitude	12000 ft	15000 ft
Stall Speed with Flaps	35 up to 45 KCAS	35 up to 45 KCAS
Max Level Speed (SL)	152 KTAS	155 KTAS
Landing Groundroll	120 up to 150 m	120 up to 150 m
Load Factor	+4 / -2 g	+4 / -2 g
Max Endurance	4.5 h	4.2 h

## AVIONICS BASELINE

EFIS Display 10" - Skyview SV-D1000 Touch, Dynon  
 Backup Battery - Skyview SV-BAT-320, Dynon  
 COM Radio - Trig TY91L SV-COM X83 8.33KHz Spacing, Dynon  
 Intercom - SV-INTERCOM-2S, Dynon  
 Mode S Transponder - TRIG TT21 SV-XPNDR-262, Dynon  
 Analog Backup Instruments (Compass, ASI, Altimeter)

## AVIONICS OPTIONALS

Autopilot Servo 2 AXIS - SV42, Dynon  
 Autopilot Control Panel - SV-KNOB-PANEL/V, Dynon  
 Knob Control Panel - SV-KNOB-PANEL/V, Dynon  
 406 MHz ELT - E04, ACK Technologies  
 EFIS Backseat - Skyview SV-D700, Dynon  
 LDG & Flaps Backseat Control Panel  
 ADS-B/Flarm® Traffic Sensor - TRX-1500, Garrecht Avionik

## AIRFRAME AND SYSTEMS

Fuel Tank Capacity 2x50 lt  
 Tricycle Retractable Landing Gear Electrically Actuated  
 Ballistic Recovery System  
 Anti - Blast Fuel Tanks  
 Brakes & Prop Backseat Control (Optional)

