

HB-KTR

Technical Datasheet

BRISTELL B23-915 Turbo

Basic Information

Aircraft Type	BRISTELL B23-915
ICAO Designator	BR23
Year built	2022
Engine	Rotax 915iSc
Engine Power	140
Range	523 NM / 968 km

Avionics

Primary Instruments	Dual Garmin G3X Touch
NAV / COMM	Garmin GNC 255A
GPS	Integrated in G3X Touch
XPDR	Garmin GTX 345
Audio Panel	-
Autopilot	Integrated in G3X Touch
FLARM	Air Avionics AT-1

Speeds

V_{GLIDE} Best Glide

V_R (Flaps 25°)

V_R (Flaps 0°)

V_{so} Stall Speed (Flaps 40°)

V_{s1} Stall Speed (Flaps 0°)

V_{Barrier} (Flaps 0° / 25°)

V_x Best angle of climb (Flaps 0°)

V_y Best rate of climb (Flaps 0°)

V_{cruise} Climb (Flaps 0° >2000 ft AAL)

V_A Maneuvering speed @ empty weight

V_A Maneuvering speed @ MTOW

V_{p clean} min. clean speed

V_{ne} Never Exceed Speed

V_{FE} Flaps extended speed white arc

V_{app} (Flaps 0°)

V_{app} (Flaps 40°)

V_{CRUISE} Cruising Speed 65 % @ 6000 ft

Max. Crosswind Component

T
O
B
E
C
O
N
F
I
R
M
E
D



Fuel System

Total Capacity

2 x 60 Liter = 120 Liter

Usable fuel

2 x 56 Liter = 112 Liter

Approved fuel types

MOGAS, AVGAS UL 91

Fuel Consumption (PA 6000ft, ISA)

55% (123 KTAS)

5.3 USG/h / 20.0 Liter/h

75% (108 KTAS)

7.1 USG/h / 27.0 Liter/h

Weights:

MTOM Maximum Takeoff Mass

750 kg

MLM Maximum Landing Mass

750 kg

max. Weight in rear baggage area

15 kg

max. Weight in Wing Lockers

2 x 20 kg

Basic Empty Weight

461.5

Basic Empty Moment

tbc

Last updated: 01.10.2024