



TYPE-CERTIFICATE DATA SHEET

No. EASA.A.642

for
Bristell B23

Type Certificate Holder
BRM Aero s.r.o.

Letecká 255
686 04 Kunovice
Czech Republic

For models: Bristell B23
Bristell B23-915
Bristell B23-915 IFR
Bristell B23-912iS
Bristell B23-916



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SECTION A: BRISTELL B23

A.I. General

1. Type/ Model	
1.1 Type	Bristell B23
1.2 Model	Bristell B23
2. Airworthiness Category	CS-23, Normal category
3. Manufacturer	BRM Aero s.r.o. Letecká 255 686 04 Kunovice Czech Republic
4. EASA Type Certification Application Date	30 May 2017
5. State of Design Authority	N/A
6. State of Design Authority Type Certificate Date	N/A
7. EASA Type Certification Date	07 October 2020

A.II. EASA Certification Basis

1. Reference Date for determining the applicable requirements	30 May 2017
2. Airworthiness Requirements	CS-23 [Certification Specifications for Normal-Category Aeroplanes] Amdt. 5, dated 29 March 2017 CS-ACNS, Issue 2, dated 26 April 2019
3. Special Conditions	None
4. Exemptions	None
5. (Reserved) Deviations	None
6. Equivalent Safety Findings	None
7. Environmental Protection	see TCDSN EASA.A.642



9. Fluid capacities

9.1 Fuel	Total capacity: 2x60L Usable capacity: 2x59L
9.2 Oil	Max. approx. capacity: 3.6 L
9.3 Coolant system capacity	Capacity: 2.5 L

10. Air Speeds: EAS≈CAS (IAS)

VSO: 43 kts (44 kts)
VS: 50 kts (51 kts)
VFE: 81 kts (82 kts)
VA: 98 kts (99 kts)
VC: 135 kts (136 kts)
VNE: 156 kts (157 kts)

11. Flight Envelope

Max. operating altitude above MSL: 14.000 ft

12. Approved Operations Capability

VFR Day / VFR Night (see A.V.1)

13. Maximum Masses

Max. Takeoff mass is 750 kg

14. Centre of Gravity Range

from 25 %MAC to 34.5 %MAC, from 1.717 m to 1.846 m referring to datum

15. Datum

forward plane of the engine flange to the propeller

16. Control surface deflections

-Elevator 19° up, 15° down
-Aileron 24° up, 16° down
-Rudder 30° left and right
-Flap, discrete 0°/10°/25° down

17. Levelling Means

see AFM Section 6.2 Definitions

18. Minimum Flight Crew

1 pilot

19. Maximum Passenger Seating Capacity

1 passenger

20. Baggage/ Cargo Compartments

1 compartment in each wing,
1 compartment behind the occupants

21. Wheels and Tyres

Type and dimension of the main wheels:

- wheel rim - BERINGER - 5.00-5"
- tubeless tyre - MICHELIN AVIATOR - 5,00-5"

Type and dimension of the nose wheel:

- wheel rim - BERINGER - 5.00-5"
- tubeless tyre - MICHELIN AVIATOR - 5,00-5"

22. (Reserved)



A.IV. Operating and Service Instructions

- | | |
|--------------------------------|--|
| 1. Flight Manual | ADxC-73-001-AFM; issue A; dated 27 August 2020
or later approved issue [Basic aircraft G3x avionics]
ADxC-73-070-AFM issue A; dated 22 December 2022 or later
approved issue [G500 Avionic package] |
| 2. Maintenance Manual | ADxC-73-001-AMM; edition 1.0; dated 18 September 2020
or later approved issue |
| 3. Structural Repair Manual | not available |
| 4. Weight and Balance Manual | ADxC-73-001-AFM; issue A; dated 27 August 2020
or later approved issue
ADxC-73-070-AFM issue A; dated 22 December 2022 or later
approved issue [G500 Avionic package] |
| 5. Illustrated Parts Catalogue | not issued |

A.V. Notes

1. In order to show the compliance with the CS-23, Amdt. 5, certification basis, the AMC to CS-23 was used by the TC holder complemented by following Means of Compliance for specific design features:
 - a) SC-ELA.2015-01 [Lithium battery installations] Issue 1
 - b) SC-OVLA.div-03 [Night VFR operation with VLA] Issue 2
 - c) ASTM F2316-12 [Aircraft Emergency Parachute System]



SECTION B: BRISTELL B23-915

B.I. General

1. Type/ Model	
1.1 Type	Bristell B23
1.2 Model	Bristell B23-915
2. Airworthiness Category	CS-23, Normal category
3. Manufacturer	BRM Aero s.r.o. Letecká 255 686 04 Kunovice Czech Republic
4. EASA Type Certification Application Date	03 December 2020
5. State of Design Authority	N/A
6. State of Design Authority Type Certificate Date	N/A
7. EASA Type Certification Date	13 January 2022

B.II. EASA Certification Basis

1. Reference Date for determining the applicable requirements	03 December 2020
2. Airworthiness Requirements	CS-23 [Certification Specifications for Normal-Category Aeroplanes] Amdt. 5, dated 29 March 2017 CS-ACNS, Issue 2, dated 26 April 2019
3. Special Conditions	None
4. Exemptions	None
5. (Reserved) Deviations	None
6. Equivalent Safety Findings	None
7. Environmental Protection	see TCDSN EASA.A.642



B.III. Technical Characteristics and Operational Limitations

1. Type Design Definition
Bristell B23-915 model Master Document List
ADxC-73-003-MDL, issue A or later approved revision
2. Description
The airplane is a side-by-side, turbocharged single engine two-seater. It has a tapered cantilever low wing configuration with flaps and ailerons. The empennage is conventional. The tricycle landing gear is fixed. The airframe is a lightweight structure comprising aluminium sheets riveted with blind rivets and selected secondary structure composite parts, e.g. canopy frame, wing tips. The airplane is equipped with avionic backup lithium batteries. The optional Aircraft Emergency Parachute System (AEPS) is integral part of aircraft design (see A.V.1.). An optional aerotow system is installed in the rear part of the fuselage.
3. Equipment:
The aeroplane is equipped with an optional airframe installed AEPS.
4. Dimensions:
Wingspan (incl. wing tip lights): 9.27 m
Height 2.36 m
Length 6.58 m
Wing area 11.75 m²
5. Engine
 - 5.1. Model ROTAX 915iSc3 A
 - 5.2 Type Certificate EASA.E.121
 - 5.3 Limitations Refer to TCDS: EASA.E.121
6. Load factors
Flaps up n=+4
Flaps up n=-2
Flaps down n=+2
Flaps down n=+0
7. Propeller
 - 7.1 Model MTV-34-1-A/175-200
 - 7.2 Type Certificate EASA.P.049
 - 7.3 Number of blades three
 - 7.4 Diameter 175 cm
 - 7.5 Sense of Rotation clockwise, seen from pilot's point of view
8. Fluids
 - 8.1 Fuel See AFM section 2.13
See Rotax Service Instruction SI-915 i-001
 - 8.2 Oil See Rotax Operators Manual OM-915 i A Series
See Rotax Service Instruction SI-915 i-001
 - 8.3 Coolant See Rotax Operators Manual OM-915 i A Series
See Rotax Service Instruction SI-915 i-001



9. Fluid capacities

9.1 Fuel	Total capacity: 2x60L Usable capacity: 2x56L
9.2 Oil	Max. approx. capacity: 3.6 L
9.3 Coolant system capacity	Capacity: 2.5 L

10. Air Speeds: EAS≈CAS (IAS)

V _{SO} :	43 kts (44 kts)
V _S :	50 kts (51 kts)
V _{FE} :	81 kts (84 kts)
V _A :	98 kts (101 kts)
V _C :	135 kts (138 kts)
V _{NE <FL110} :	156 kts (159kts)
V _{NE >FL110} :	193 kts TRUE airspeed

11. Flight Envelope

Max. operating altitude above MSL: 18.000 ft

12. Approved Operations Capability

VFR Day / VFR Night (see B.V.1)

13. Maximum Masses

Max. Take-off mass is 750 kg

14. Centre of Gravity Range

from 25 %MAC to 34.5 %MAC, from 1.717 m to 1.846 m referring to datum

15. Datum

forward plane of the engine flange to the propeller

16. Control surface deflections

- Elevator 19° up, 15° down
- Aileron 24° up, 16° down
- Rudder 30° left and right
- Flap, discrete 0°/10°/25° down

17. Levelling Means

see AFM Section 6.2 Definitions

18. Minimum Flight Crew

1 pilot

19. Maximum Passenger Seating Capacity

1 passenger

20. Baggage/ Cargo Compartments

1 compartment in each wing,
1 compartment behind the occupants

21. Wheels and Tyres

Type and dimension of the main wheels:

- wheel rim - BERINGER - 5.00-5"
- tubeless tyre - MICHELIN AVIATOR - 5,00-5"

Type and dimension of the nose wheel:

- wheel rim - BERINGER - 5.00-5"
- tubeless tyre - MICHELIN AVIATOR - 5,00-5"

22. (Reserved)



B.IV. Operating and Service Instructions

- | | |
|--------------------------------|---|
| 1. Flight Manual | ADxC-73-003-AFM [Bristell B23-915 AFM]; revision A; dated 09 December 2021 or later approved issue
ADxC-73-003-2-AFM [Bristell B23-915 AFM Supplement – Glider Towing]; revision A; dated 09 December 2021
ADxC-73-049-AFM issue B; dated 14 November 2022 or later approved issue [B23-915 G500 Avionic package] |
| 2. Maintenance Manual | ADxC-73-003-AMM; edition 1.0; dated 09 December 2021 or later approved issue |
| 3. Structural Repair Manual | not available |
| 4. Weight and Balance Manual | ADxC-73-003-AFM; revision A; dated 09 December 2021 or later approved issue
ADxC-73-049-AFM issue B; dated 14 November 2022 or later approved issue [B23-915 G500 Avionic package] |
| 5. Illustrated Parts Catalogue | not issued |

B.V. Notes

1. In order to show the compliance with the CS-23, Amdt. 5, certification basis, the AMC to CS-23 was used by the TC holder complemented by following Means of Compliance for specific design features:
 - a) SC-ELA.2015-01 [Lithium battery installations] Issue 1
 - b) SC-OVLA.div-03 [Night VFR operation with VLA] Issue 2
 - c) ASTM F2316-12 [Aircraft Emergency Parachute System]
 - d) ELOS-VLA.0991-01 [Fuel Pumps], issue 2, dated 13-NOV-2018
 - e) SC-OVLA-div-02 [Glider Towing], issue 1, dated 02-JUN-2015



SECTION C: BRISTELL B23-915 IFR

C.I. General

1. Type/ Model	
1.1 Type	Bristell B23
1.2 Model	Bristell B23-915 IFR
2. Airworthiness Category	CS-23, Normal category
3. Manufacturer	BRM Aero s.r.o. Letecká 255 686 04 Kunovice Czech Republic
4. EASA Type Certification Application Date	11 March 2022
5. State of Design Authority	N/A
6. State of Design Authority Type Certificate Date	N/A
7. EASA Type Certification Date	09 December 2024

C.II. EASA Certification Basis

1. Reference Date for determining the applicable requirements	11 March 2022
2. Airworthiness Requirements	CS-23 [Certification Specifications for Normal-Category Aeroplanes] Amdt. 5, dated 29 March 2017 CS-ACNS, Issue 2, dated 26 April 2019
3. Special Conditions	None
4. Exemptions	None
5. (Reserved) Deviations	None
6. Equivalent Safety Findings	None
7. Environmental Protection	see TCDSN EASA.A.642



C.III. Technical Characteristics and Operational Limitations

1. Type Design Definition Bristell B23-915 IFR model Master Document List
ADxC-73-027-MDL, issue A or later approved revision

2. Description

The airplane is a side-by-side, turbocharged single engine two-seater. It has a tapered cantilever low wing configuration with flaps and ailerons. The empennage is conventional. The tricycle landing gear is fixed. The airframe is a lightweight structure comprising aluminium sheets riveted with blind rivets and selected secondary structure composite parts, e.g. canopy frame, wing tips. The airplane is equipped with avionic backup lithium batteries. The optional Aircraft Emergency Parachute System (AEPS) is integral part of aircraft design (see A.V.1.). An optional aerotow system is installed in the rear part of the fuselage. The Bristell B23-915 IFR model is equipped with the G500 EFIS system, GI 275 standby EFIS, GTN650Xi GPS/NAV/COM, DME and a stormscope (optional).

3. Equipment: The aeroplane is equipped with an optional airframe installed AEPS.

4. Dimensions: Wingspan (incl. wing tip lights): 9.27 m
Height 2.36 m
Length 6.58 m
Wing area 11.75 m²

5. Engine

5.1. Model ROTAX 915iSc3 A
5.2 Type Certificate EASA.E.121
5.3 Limitations Refer to TCDS: EASA.E.121

6. Load factors

Flaps up n=+4
Flaps up n=-2
Flaps down n=+2
Flaps down n=+0

7. Propeller

7.1 Model MTV-6-A/175-51
7.2 Type Certificate EASA P.094
7.3 Number of blades three
7.4 Diameter 175 cm
7.5 Sense of Rotation clockwise, seen from pilot's point of view

8. Fluids

8.1 Fuel See AFM section 2.13
See Rotax Service Instruction SI-915 i-001
8.2 Oil See Rotax Operators Manual OM-915 i A Series
See Rotax Service Instruction SI-915 i-001
8.3 Coolant See Rotax Operators Manual OM-915 i A Series
See Rotax Service Instruction SI-915 i-001



9. Fluid capacities

9.1 Fuel	Total capacity: 2x60L Usable capacity: 2x56L
9.2 Oil	Max. approx. capacity: 3.6 L
9.3 Coolant system capacity	Capacity: 2.5 L

10. Air Speeds: EAS≈CAS (IAS)

V _{SO} :	43 kts (44 kts)
V _S :	50 kts (51 kts)
V _{FE} :	81 kts (84 kts)
V _A :	98 kts (101 kts)
V _C :	135 kts (138 kts)
V _{NE <FL110} :	156 kts (159kts)
V _{NE >FL110} :	193 kts TRUE airspeed

11. Flight Envelope	Max. operating altitude above MSL: 18.000 ft
12. Approved Operations Capability	VFR Day / VFR Night / IFR (see C.V.2)
13. Maximum Masses	Max. Take-off mass is 750 kg
14. Centre of Gravity Range	from 25 %MAC to 34.5 %MAC, from 1.717 m to 1.846 m referring to datum
15. Datum	forward plane of the engine flange to the propeller
16. Control surface deflections	-Elevator 19° up, 15° down -Aileron 24° up, 16° down -Rudder 30° left and right -Flap, discrete 0°/10°/25° down
17. Levelling Means	see AFM Section 6.2 Definitions
18. Minimum Flight Crew	1 pilot
19. Maximum Passenger Seating Capacity	1 passenger
20. Baggage/ Cargo Compartments	1 compartment in each wing, 1 compartment behind the occupants
21. Wheels and Tyres	Type and dimension of the main wheels: - wheel rim - BERINGER - 5.00-5" - tubeless tyre - MICHELIN AVIATOR - 5,00-5" Type and dimension of the nose wheel: - wheel rim - BERINGER - 5.00-5" - tubeless tyre - MICHELIN AVIATOR - 5,00-5"
22. (Reserved)	



C.IV. Operating and Service Instructions

- | | |
|--------------------------------|--|
| 1. Flight Manual | ADxC-73-027-AFM [Bristell B23-915 IFR AFM]; revision A; dated 29 November 2024 or later approved issue (for aircraft without implementation of Service Bulletin No. B23915IFR-SBI-9-38-16-All-0003-2025)

B23915IFR-AFM-9-38-16 [Bristell B23-915 IFR AFM]; revision A2; dated 30 March 2026 or later approved issue

ADxC-73-003-2-AFM [Bristell B23-915 AFM Supplement – Glider Towing]; revision A1; dated 24 November 2023 or later approved issue |
| 2. Maintenance Manual | ADxC-73-003-AMM; edition 1.1; dated 23 February 2023 or later approved issue

ADxC-73-027-AMM; edition 1.0; dated 27 November 2024 (for aircraft without implementation of Service Bulletin No. B23915IFR-SBI-9-38-16-All-0003-2025)

B23915IFR-AMMS-9-38-16 [AMM supplement], issue 1.0, dated 19 March 2026 or later approved issue |
| 3. Structural Repair Manual | not available |
| 4. Weight and Balance Manual | ADxC-73-027-AFM; revision A; dated 29 November 2024 or later approved issue |
| 5. Illustrated Parts Catalogue | not issued |



C.V. Notes

1. In order to show the compliance with the CS-23, Amdt. 5, certification basis, the AMC to CS-23 was used by the TC holder complemented by following Means of Compliance for specific design features:

- a) SC-ELA.2015-01 [Lithium battery installations] Issue 1
- b) SC-OVLA.div-03 [Night VFR operation with VLA] Issue 2
- c) ASTM F2316-12 [Aircraft Emergency Parachute System]
- d) ELOS-VLA.0991-01 [Fuel Pumps], issue 2, dated 13-NOV-2018
- e) SC-OVLA-div-02 [Glider Towing], issue 1, dated 02-JUN-2015
- f) SC-OVLA-div-04 [IFR Operation for VLA], issue 2, dated 02-OCT-2014
- g) ASTM F3120-15 paragraph 8.2 [Pitot heating systems] as MOC to SCVLA.1326
- h) Interpretative Material P-TS-0000461-0060093658 as MOC to CS 23.2515

2. The kinds of operation approved are Day and Night VFR and IFR. Flights in known-icing conditions are prohibited. The aircraft without implementation of Service Bulletin No. B23915IFR-SBI-9-38-16-All-0003-2025 are limited to Day and Night VFR and IFR in VMC only.



SECTION D: BRISTELL B23-912iS

D.I. General

1. Type/ Model	
1.1 Type	Bristell B23
1.2 Model	Bristell B23-912iS
2. Airworthiness Category	CS-23, Normal category
3. Manufacturer	BRM Aero s.r.o. Letecká 255 686 04 Kunovice Czech Republic
4. EASA Type Certification Application Date	13 August 2024
5. State of Design Authority	N/A
6. State of Design Authority Type Certificate Date	N/A
7. EASA Type Certification Date	12 May 2025

D.II. EASA Certification Basis

1. Reference Date for determining the applicable requirements	13 August 2024
2. Airworthiness Requirements	CS-23 [Certification Specifications for Normal-Category Aeroplanes] Amdt. 5, dated 29 March 2017 CS-ACNS, Issue 4, dated 05 April 2022
3. Special Conditions	None
4. Exemptions	None
5. (Reserved) Deviations	None
6. Equivalent Safety Findings	None
7. Environmental Protection	see TCDSN EASA.A.642



D.III. Technical Characteristics and Operational Limitations

1. Type Design Definition 912iS Aircraft Assembly Dwg. No. 01B400002N, revision A or later approved revision
2. Description

The airplane is a side-by-side, fuel-injected single engine two-seater. It has a tapered cantilever low wing configuration with flaps and ailerons. The empennage is conventional. The tricycle landing gear is fixed. The airframe is a lightweight structure comprising aluminium sheets riveted with blind rivets and selected secondary structure composite parts, e.g. canopy frame, wing tips. The airplane is equipped with main and avionic backup lithium batteries. The optional Aircraft Emergency Parachute System (AEPS) is integral part of aircraft design (see A.V.1.).
3. Equipment: The aeroplane is equipped with an optional airframe installed AEPS.
4. Dimensions:

Wingspan (incl. wing tip lights):	9.27 m
Height	2.36 m
Length	6.58 m
Wing area	11.75 m ²
5. Engine
 - 5.1. Model ROTAX 912 iSc3 Sport
 - 5.2 Type Certificate EASA.E.121
 - 5.3 Limitations Refer to TCDS: EASA.E.121
6. Load factors

Flaps up	n=+4
Flaps up	n=-2
Flaps down	n=+2
Flaps down	n=+0
7. Propeller
 - 7.1 Model MTV-34-1-A/175-200
 - 7.2 Type Certificate EASA.P.049
 - 7.3 Number of blades three
 - 7.4 Diameter 175 cm
 - 7.5 Sense of Rotation clockwise, seen from pilot's point of view
8. Fluids
 - 8.1 Fuel See AFM section 2.13
See Rotax Service Instruction SI-912 i-001
 - 8.2 Oil See Rotax Operators Manual OM-912 i Series
See Rotax Service Instruction SI-912 i-001
 - 8.3 Coolant See Rotax Operators Manual OM-912 i Series
See Rotax Service Instruction SI-912 i-001



9. Fluid capacities

9.1 Fuel	Total capacity: 2x60L Usable capacity: 2x58L
9.2 Oil	Max. approx. capacity: 3.8 L
9.3 Coolant system capacity	Capacity: 2.5 L

10. Air Speeds: EAS≈CAS (IAS)

VSO: 43 kts (44 kts)
VS: 50 kts (51 kts)
VFE: 81 kts (82 kts)
VA: 98 kts (99 kts)
VC: 135 kts (136 kts)
VNE: 156 kts (157 kts)

11. Flight Envelope

Max. operating altitude above MSL: 14.000 ft

12. Approved Operations Capability

VFR Day / VFR Night (see A.V.1)

13. Maximum Masses

Max. Takeoff mass is 750 kg

14. Centre of Gravity Range

from 25 %MAC to 34.5 %MAC, from 1.717 m to 1.846 m referring to datum

15. Datum

forward plane of the engine flange to the propeller

16. Control surface deflections

-Elevator 19° up, 15° down
-Aileron 24° up, 16° down
-Rudder 30° left and right
-Flap, discrete 0°/10°/25° down

17. Levelling Means

see AFM Section 6.2 Definitions

18. Minimum Flight Crew

1 pilot

19. Maximum Passenger Seating Capacity

1 passenger

20. Baggage/ Cargo Compartments

1 compartment in each wing,
1 compartment behind the occupants

21. Wheels and Tyres

Type and dimension of the main wheels:

- wheel rim - BERINGER - 5.00-5"
- tubeless tyre - MICHELIN AVIATOR - 5,00-5"

Type and dimension of the nose wheel:

- wheel rim - BERINGER - 5.00-5"
- tubeless tyre - MICHELIN AVIATOR - 5,00-5"

22. (Reserved)



D.IV. Operating and Service Instructions

- | | |
|--------------------------------|--|
| 1. Flight Manual | B23912iS-AFM-5-8-11; issue 1, dated 12-May-2025
or later approved issue |
| 2. Maintenance Manual | B23912iS-AMM-5-8-11; initial issue; dated 31-Mar-2025
or later approved issue |
| 3. Structural Repair Manual | not available |
| 4. Weight and Balance Manual | B23912iS-AFM-5-8-11; issue 1, dated 12-May-2025
or later approved issue |
| 5. Illustrated Parts Catalogue | not issued |

D.V. Notes

1. In order to show the compliance with the CS-23, Amdt. 5, certification basis, the AMC to CS-23 was used by the TC holder complemented by following Means of Compliance for specific design features:
 - a) AMC & GM to CS-23 Issue 3, dated 24 June 2020 (AMC3)
 - b) ASTM F3235-22 paragraph 4.2.1 to 4.2.14 [Lithium battery installation]
 - c) SC-OVLA.div-03 [Night VFR operation with VLA] Issue 2
 - d) ASTM F2316-12 [Aircraft Emergency Parachute System]
 - e) ELOS-VLA.0991-01 [Fuel Pumps], issue 2, dated 13-NOV-2018



SECTION E: BRISTELL B23-916

E.I. General

1. Type/ Model	
1.1 Type	Bristell B23
1.2 Model	Bristell B23-916
2. Airworthiness Category	CS-23, Normal category
3. Manufacturer	BRM Aero s.r.o. Letecká 255 686 04 Kunovice Czech Republic
4. EASA Type Certification Application Date	16 May 2025
5. State of Design Authority	N/A
6. State of Design Authority Type Certificate Date	N/A
7. EASA Type Certification Date	17 December 2025

E.II. EASA Certification Basis

1. Reference Date for determining the applicable requirements	16 May 2025
2. Airworthiness Requirements	CS-23 [Certification Specifications for Normal-Category Aeroplanes] Amdt. 5, dated 29 March 2017 CS-ACNS, Issue 4, dated 05 April 2022
3. Special Conditions	None
4. Exemptions	None
5. (Reserved) Deviations	None
6. Equivalent Safety Findings	None
7. Environmental Protection	see TCDSN EASA.A.642



E.III. Technical Characteristics and Operational Limitations

1. Type Design Definition 916iS Aircraft Assembly Dwg. No. 01B100002N, revision A or later approved revision

2. Description

The airplane is a side-by-side, fuel-injected turbocharged single engine two-seater. It has a tapered cantilever low wing configuration with flaps and ailerons. The empennage is conventional. The tricycle landing gear is fixed. The airframe is a lightweight structure comprising aluminium sheets riveted with blind rivets and selected secondary structure composite parts, e.g. canopy frame, wing tips. The airplane is equipped with main and avionic backup lithium batteries. The optional Aircraft Emergency Parachute System (AEPS) is integral part of aircraft design (see A.V.1.). An optional aerotow system is installed in the rear part of the fuselage.

3. Equipment: The aeroplane is equipped with an optional airframe installed AEPS.

4. Dimensions:

Wingspan (incl. wing tip lights):	9.27 m
Height	2.36 m
Length	6.58 m
Wing area	11.75 m ²

5. Engine

5.1. Model	ROTAX 916 iSc3 A
5.2 Type Certificate	EASA.E.121
5.3 Limitations	Refer to TCDS: EASA.E.121

6. Load factors

Flaps up	n=+4
Flaps up	n=-2
Flaps down	n=+2
Flaps down	n=+0

7. Propeller

7.1 Model	MTV-34-1-R/175-200
7.2 Type Certificate	EASA.P.049
7.3 Number of blades	three
7.4 Diameter	175 cm
7.5 Sense of Rotation	clockwise, seen from pilot's point of view

8. Fluids

8.1 Fuel	See AFM section 2.14 See Rotax Service Instruction SI-916 i-001
8.2 Oil	See Rotax Operators Manual OM-916 i Series See Rotax Service Instruction SI-916 i-001
8.3 Coolant	See Rotax Operators Manual OM-916 i Series See Rotax Service Instruction SI-916 i-001



9. Fluid capacities

9.1 Fuel	Total capacity: 2x60L Usable capacity: 2x56 L
9.2 Oil	Max. approx. capacity: 3.8 L
9.3 Coolant system capacity	Capacity: 2.5 L

10. Air Speeds: EAS≈CAS (IAS)

VSO: 43 kts (44 kts)
VS: 50 kts (51 kts)
VFE: 81 kts (84 kts)
VA: 98 kts (101 kts)
VC: 135 kts (138 kts)
VNE: 156 kts (159 kts)

11. Flight Envelope

Max. operating altitude above MSL: 18.000 ft

12. Approved Operations Capability

VFR Day / VFR Night (see A.V.1)

13. Maximum Masses

Max. Takeoff mass is 750 kg

14. Centre of Gravity Range

from 25 %MAC to 34.5 %MAC, from 1.717 m to 1.846 m referring to datum

15. Datum

forward plane of the engine flange to the propeller

16. Control surface deflections

-Elevator 19° up, 15° down
-Aileron 24° up, 16° down
-Rudder 30° left and right
-Flap, discrete 0°/10°/25° down

17. Levelling Means

see AFM Section 6.2 Definitions

18. Minimum Flight Crew

1 pilot

19. Maximum Passenger Seating Capacity

1 passenger

20. Baggage/ Cargo Compartments

1 compartment in each wing,
1 compartment behind the occupants

21. Wheels and Tyres

Type and dimension of the main wheels:

- wheel rim - BERINGER - 5.00-5"
- tubeless tyre - MICHELIN AVIATOR - 5,00-5"

Type and dimension of the nose wheel:

- wheel rim - BERINGER - 5.00-5"
- tubeless tyre - MICHELIN AVIATOR - 5,00-5"

22. (Reserved)



E.IV. Operating and Service Instructions

- | | |
|--------------------------------|---|
| 1. Flight Manual | B23916-AFM-13-36-11; issue A, dated 05-Dec-2025
or later approved issue
B23916-AFMS-13-36-12 [Bristell B23-916 AFM Supplement –
Glider Towing Winch]; issue New; dated 31 October 2025 or
later approved issue |
| 2. Maintenance Manual | B23916-AMM-13-36-11; issue New; dated 31-Oct-2025
or later approved issue
B23916-AMMS-13-36-12 [Bristell B23-916 AFM Supplement -
Tost CRG tow winch]; issue New; dated 31 October 2025 or
later approved issue |
| 3. Structural Repair Manual | not available |
| 4. Weight and Balance Manual | B23916-AFM-13-36-11; issue A, dated 05-Dec-2025
or later approved issue |
| 5. Illustrated Parts Catalogue | not issued |

E.V. Notes

1. In order to show the compliance with the CS-23, Amdt. 5, certification basis, the AMC to CS-23 was used by the TC holder complemented by following Means of Compliance for specific design features:
 - a) AMC & GM to CS-23 Issue 3, dated 24 June 2020 (AMC3)
 - b) ASTM F3235-22 paragraph 4.2.1 to 4.2.14 [Lithium battery installation]
 - c) SC-OVLA.div-03 [Night VFR operation with VLA] Issue 2
 - d) ASTM F2316-12 [Aircraft Emergency Parachute System]
 - e) ELOS-VLA.0991-01 [Fuel Pumps], Issue 2, dated 13-NOV-2018
 - f) SC-OVLA-div-02 [Glider towing], Issue 1



SECTION ADMINISTRATIVE

I. Acronyms & Abbreviations

n/a

II. Type Certificate Holder Record

TC Holder	Period
BRM Aero s.r.o. Letecká 255 686 04 Kunovice CZECH REPUBLIC Since 04 November 2024 BRM Aero is the holder of DOA EASA.21J.766	Since 07 October 2020
Contracted DOA Holder based on 21.A.2: Aircraft Design Certification GmbH Reichensteinstr. 48 69151 Neckargemünd Germany EASA.21J.411	07 October 2020 – 03 November 2024



III. Change Record

Issue	Date	Changes	TC Issue No. & Date
Issue 01	07 October 2020	Initial issue of TCDS	Initial / 07 October 2020
Issue 02	13 January 2022	Corrected AFT CG information and elevator deflections; clarification of optional AEPS system. Implementation of section B: model B23-915.	Issue 2 / 13 January 2022
Issue 03	13 October 2022	Administrative corrections in A.III.16 and B.III.16 to be in line with design data	Issue 2 / 13 January 2022
Issue 04	07 March 2023	Addition of "G500 avionic package" AFM in A.IV.1; A.IV.4; B.IV.1 and B.IV.4	Issue 2 / 13 January 2022
Issue 05	09 December 2024	Implementation of Section C: model B23-915 IFR	Issue 3 / 09 December 2024
Issue 06	03 April 2025	Entry into force of BRM Aero DOA EASA.21J.766 on 04 November 2024	Issue 3 / 09 December 2024
Issue 07	15 May 2025	Implementation of section D: model B23-912iS	Issue 4 / 15 May 2025
Issue 08	17 December 2025	Implementation of section E: model B23-916	Issue 5 / 17 December 2025
Issue 09	20 April 2026	Section C: Implementation of "Lightning Protection" major change for Bristell B23-915 IFR model. Section E: Administrative corrections in E.III and E.IV- adding missing glider towing data for Bristell B23-916 model.	Issue 5 / 17 December 2025

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