



Aircraft Design Certification GmbH Reichensteinstr.48 69151 Neckargemünd		B23 Approved Publications (AFM, AMM, SB)	Doc-Nr: ADxC-73-SB-021 Issue: A4 Date: 23.07.2024 TCDS: EASA.A.642
Service Bulletin			

B23 Approved Publications (AFM, AMM, SB)  
SERVICE BULLETIN

<p><b>Office of Airworthiness release</b></p> <p>Date:</p> <p>Name: Deputy HoA M. Basien</p> <p>Signature:</p>
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<p><b>Verification Engineer</b></p> <p>I hereby declare that the technical content of this document is correct and can be used to fulfil the obligations of the type design holder per 21.A.265(h)</p> <p>Date:</p> <p>Name: E. v.d. Snoek</p> <p>Signature:</p>
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<p><b>Author</b></p> <p>Date:</p> <p>Name: Sami Nassar</p> <p>Signature:</p>
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## Amendments

Issue	Reason	Date
A	Initial issue (DC-079, -083, -091, -095)	20.03.2023
A1	Update due to SB-035 (DC-099), SB-024 (DC-101), SB-033 (DC-096), SB-034 & 001-AMM (DC-097), SB-036 (DC-100)	17.07.2023
A2	Update due to DC-028, DC-074, DC-104, DC-105, DC-106, DC-107, DC-108, DC-111	24.11.2023
A3	Update due to DC-098	25.03.2024
A4	Update due to DC-110, DC-112, DC-114, DC-115, DC-117, DC-118, DC-119, DC-121, DC-123, BRM-B23-DC-0001	23.07.2024

### B23 Approved Publications (AFM, AMM, SB)

This service bulletin informs operators and maintenance organizations with respect to the approved publications for the B23 aircraft type. These are:

- AFM Airplane flight manual
- AMM Airplane maintenance manual
- SB Service bulletin

**STANDARD**


## 0 General

### 0.1 ATA Code

ATA 00 GENERAL

### 0.2 Effectivity

All serial numbers of Bristell B23 TCDS EASA.A.642

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## 1 Planning information

### 1.1 Reason

This service bulletin is published and re-issued whenever any of the relevant publications is affected.

The specific reason for each issue is listed in the amendment sheet on page 1 referring to respective design change processes which are identified by numbers “ADxC-73-DC-xx” respectively abbreviated as “DC-xx”.

### 1.2 Safety Intent

The safety intent is N/A.

Note: the content of specific changes might as well introduce additional safety relevant publications or changes to those in which case specific SB’s are issued for mandatory implementation.

### 1.3 Configuration Description

No technical configuration change is implemented by this Service Bulletin.

Applicable configuration of AMM and AFM for specific variants and versions for the B23 is listed in this section

Note: the initial aircraft configuration (as manufactured by POA), respectively the initially installed design changes, are stated in the appendix to the respective Form 52 issued for the aircraft SN.


Legend for the following tables

X = publication is part of the configuration

DC-[xx] = publication is part of the configuration “if installed”

- = publication is not part of the configuration


AFM/AMM and supplements affecting individual manufacturing serial numbers are not listed.

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Variant →		B23	B23-915	<sup>1</sup> B23-912- G500	<sup>1</sup> B23-915- G500	Topic
Publication	Edition/Date					
Airplane maintenance manual ADxC-73-.....						
001-AMM	2.4 / 21.05.2024	X	X	X	X	basic
Airplane maintenance manual supplement ADxC-73-.....						
003-AMM	1.1 / 23.02.2023	-	X	-	X	915
004-AMM	1.0 / 28.01.2021	DC-004	-	-	-	AT-1
010-AMM	1.0 / 24.02.2021	DC-010	-	-	-	Water heater
012-AMM	1.1 / 24.05.2024	DC-012 DC-019 DC-115	-	DC-115	-	Silencer
020-AMM	1.0 / 01.02.2022	-	DC-020	-	-	GNX375
023-AMM	1.0 / 19.07.2021	DC-023	DC-023	DC-023	DC-023	CO sensor
025-AMM	1.0 / 18.07.2022	-	DC-025	-	-	Tow winch
028-AMM	1.0 / 31.08.2023	DC-028	-	-	-	GI 275 to 912 PO retrofit
036-AMM	1.0 / 18.02.2022	DC-036	-	-	-	GNX375
037-AMM	1.0 / 18.02.2022	DC-037	-	-	-	GNX375 + DME
038-AMM	1.0 / 11.02.2022	DC-038	-	-	-	GMC507
039-AMM	1.0 / 20.03.2022	-	DC-039	-	-	GMC507
044-AMM	2.0 / 31.08.2023	-	DC-044 DC-108	-	-	GI275 to 915
047-AMM	1.0 / 31.03.2022	-	DC-047+ (DC-044+ DC-039)	-	-	AT-1
049-AMM	1.2 / 23.02.2023	-	-	-	X	G500
053-AMM	1.0 / 16.08.2022	-	DC-053	-	-	GTN650
070-AMM	1.1 / 23.02.2023	-	-	X	-	G500
076-AMM	1.0 / 20.03.2023	-	-	-	DC-076 (DC-025)	Tow winch
108-AMM	1.0 / 31.08.2023	DC-108	-	-	-	GI275 to 912
119-AMM	1.0 / 12.07.2024	-	DC-119	-	DC-119	Rotax 915 UNF fittings
121-AMM	1.0 / 23.07.2024	DC-121	DC-121	-	-	GNC 215 + GTX 345 WAAS/GPS
123-AMM	1.0 / 23.07.2024	-	DC-003-2 DC-049 DC-123	-	-	915 + tow hook + G500


<sup>1</sup> Formally this is not a variant in the TCDS but handled accordingly in anticipation of IFR variant using the same avionic system.

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Variant →		B23	B23-915	<sup>2</sup> B23-912-G500	<sup>2</sup> B23-915-G500	Topic
Publication	Edition/Date					
<b>Airplane flight manual ADxC-73-.....</b>						
001-AFM	B5 / 23.07.2024	X	-	-	-	basic
003-AFM	B3 / 24.11.2023	-	X	-	-	915
070-AFM	A4 / 23.07.2024	-	-	X	-	912-G500
049-AFM	B2 / 24.11.2023	-	-	-	X	915-G500
<b>Airplane flight manual supplement ADxC-73-.....</b>						
003-2-AFM	A2 / 24.11.2023	-	DC-003-2 DC-111	-	-	towing
004-AFM	A1 / 23.02.2023	DC-004	-	-	-	AT-1 / h-counter
010-AFM	A1 / 23.02.2023	DC-010	-	DC-010	-	Water heater
012-AFM	A1 / 23.02.2023	DC-012	-	DC-012	-	Silencer
020-AFM	A1 / 23.02.2023	-	DC-020	-	-	GNX375
023-AFM	A1 / 23.02.2023	DC-023	DC-023	DC-023	DC-023	CO sensor
025-AFM	A1 / 24.11.2023	-	DC-025 DC-111	-	-	Tow winch
028-AFM	A / 31.08.2023	DC-028	-	-	-	GI 275 to 912 PO retrofit
036-AFM	A1 / 23.02.2023	DC-036	-	-	-	GNX375
037-AFM	A1 / 23.02.2023	DC-037	-	-	-	GNX375 + DME
038-AFM	A1 / 23.02.2023	DC-038	-	-	-	GMC507
039-AFM	A / 02.03.2022	-	DC-039	-	-	GMC507
044-AFM	B / 31.08.2023	-	DC-044 DC-108	-	-	GI275 to 915
047-AFM	A1 / 23.02.2023	-	DC-047+ (DC-039+ DC-044)	-	-	AT-1
053-AFM	A / 08.07.2022	-	DC-053	-	-	GTN650
076-AFM	A / 20.03.2022	-	-	-	DC-076 (DC-025)	Tow winch
108-AFM	A / 31.08.2023	DC-108	-	-	-	GI 275 to 912
110-AFM	A / 15.04.2024	DC-110	-	DC-110	-	Exhaust 912
115-AFM	A / 15.04.2024	DC-115	-	DC-115	-	Silencer 912
121-AFM	A / 23.07.2024	DC-121	DC-121	-	-	GNC 215 + GTX 345 WAAS/GPS
123-AFM	A / 23.07.2024	-	DC-003-2 DC-049 DC-123	-	-	915 + tow hook + G500
<b>Airplane flight manual BRM</b>						
B23-AFMS-9-8-10	A / 23.06.2023	-	EASA approval 10082481	-	-	915 additional oil cooler


<sup>2</sup> Formally this is not a variant in the TCDS but handled accordingly in anticipation of IFR variant using the same avionic system.

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Publication	Edition/Date	Title/Remark	Variant →			
			B23	B23-915	<sup>3</sup> B23-912-G500	<sup>3</sup> B23-915-G500
Service Bulletin ADxC-73-.....						
SB-001	A / 14.01.2021	editorial change AFM / no longer relevant due to issue SB-021	SN006/2020 SN007/2020 SN012/2020 SN022/2020	-	-	-
SB-002	A / 21.01.2021	Change to AMM elevator tolerances and update of figure / no longer relevant due to issue SB-021	SN006/2020 SN007/2020 SN012/2020 SN022/2020	-	-	-
SB-003	A / 29.01.2021	OPTIONAL Implementation of DC-004 hour meter and/or FLARM	All	-	-	-
SB-004	A / 24.02.2021	OPTIONAL Implementation of DC-010 DEFA water heater	All	-	All	-
SB-005	A / 14.06.2021	OPTIONAL Implementation of DC-012 silencer system	All	-	All	-
SB-006	-	<i>deleted</i>	-	-	-	-
SB-007	A1 / 23.02.2023	OPTIONAL Implementation of DC-023 CO sensor	All			
SB-008	A / 13.08.2021	Change of AFM; DC-029 / no longer relevant due to issue SB-021	All without DC-029	-	-	-
SB-009	-	<i>deleted</i>	-	-	-	-
SB-010	A / 10.11.2021	OPTIONAL Implementation of DC-033 safety equipment provisions	All			
SB-011	-	<i>reserved</i>				
SB-012	A / 18.02.2022	Replacement of wheel pant brackets	All without DC-040			

<sup>3</sup> Formally this is not a variant in the TCDS but handled accordingly in anticipation of IFR variant using the same avionic system.


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Service Bulletin ADxC-73-.....						
SB-013	A / 11.04.2022	replacement of fuel filler neck placard	-	All without DC-042	-	-
SB-014	A / 21.04.2022	replacement of fuel filler neck placard	All without DC-046	-	-	-
SB-015	A / 26.08.2022	OPTIONAL replacement of oil cooler DC-045	All	-	All	
SB-016	A / 20.09.2022	OPTIONAL Sliding window retrofit DC-052	All			
SB-017	A / 14.11.2022	Interchange wiring of GNC255 and GTN650 DC-058	-	-	-	All without DC-058
SB-018	A / 14.10.2022	Additional riveting of sleeve attachment of AP roll servo rod	All without DC-062			
SB-019	A / 20.09.2022	Editorial change AFM / no longer relevant due to issue SB-021	All without DC-064			
SB-020	B / 17.10.2023	Cancelled by issue B	-	-	-	-
SB-021	A4 / 23.07.2024	Approved Publications (AFM, AMM, SB)	All			
SB-022	-	<i>reserved</i>	-	-	-	-
SB-023	A / 10.01.2023	OPTIONAL Installation glare shield with handles (DC-067)	All			
SB-024	C / 23.07.2024	Approved Software	All			
SB-025	A / 06.03.2023	Installation governor for ROTAX 915iS engines (DC-072)	-	-	-	-
SB-026	-	<i>deleted</i>	-	-	-	-
SB-027	-	<i>reserved</i>	-	-	-	-
SB-028	-	<i>deleted</i>	-	-	-	-
SB-029	B / 17.10.2023 EASA AD 2023-0183-E	mass balance and bolt (DC-092)	All without DC-061 or DC-092	-	-	-

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<b>Service Bulletin ADxC-73-.....</b>						
SB-030	A / 14.02.2023	Installation registration plate Type (France + Switzerland)	All			
SB-031	A / 14.02.2023	Installation registration plate Type (Germany)	All			
SB-032	A / 24.02.2023	Beringer brake calliper seal replacement (DC-094)	All			
SB-033	A / 22.05.2023	Chafing-protection of seat bracket (DC-096)	All without DC-096			
SB-034	A / 31.05.2023	Propeller mounting inspection (DC-097)	All without DC-097			
SB-035	A / 17.07.2023	Avoid engine stress ROTAX 912	All	-	All	-
SB-036	A / 27.06.2023	Update tow winch system installation	-	All with DC-025 or -076	-	-
SB-037	B / 22.03.2024	Electric system (DC-104)(DC-117)	All without DC-117			
SB-038	A / 16.11.2023	Fuel pressure sensor (DC-107)	All without DC-107		-	-
SB-039	A / 23.10.2023	Elevator deflection tolerance, trim tab deflection and optional gurney flap (DC-074)	All without DC-074			
SB-040	-	<i>reserved</i>	-			
SB-041	A / 04.01.2024	Trim Indication Placards (DC-112)	all			
SB-042	A / 01.02.2024	Fuel grade UL91 avoidance (DC-114)	all	-	all	-
SB-044	A / 14.05.2024	Exhaust retrofit (DC-110 & DC-115)	All	-	All	-



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## 1.4 Compliance

If criteria in Section 0 is met

- Service bulletin must be accomplished
  - This SB could be made mandatory by an EASA AD.
  - This SB is mandatory as per EASA AD no. xyxyx
- Service bulletin recommended to be accomplished to prevent significant operational disruptions
- Service bulletin to introduce improvements
- Service bulletin for convenience or option

Compliance time is at each scheduled and unscheduled maintenance action.

## 1.5 Approval statement

The technical content of this document is approved under the authority of the DOA ref. EASA. 21J.411.

## 1.6 Concurrent publications N/A

## 1.7 Manpower

Approx. 0.25 hour is required to accomplish this SB.

## 1.8 Weight and Balance N/A


## 1.9 Electrical load data N/A

## 1.10 Software modification N/A

Note: for approved Software refer to ADxC-73-SB-024 latest revision

## 1.11 Referenced documentation N/A

## 1.12 Other publications effected N/A

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## 2 Material information

### 2.1 Material- cost – availability N/A

### 2.2 Company support information

Affected publications can be ordered from

BRM AERO, s.r.o.

Address: Letecká 255 686 04 Kunovice Czech Republic

Phone: + 420 773 984 338

E-mail 1: info@brmaero.com

E-mail 2: aero.brm@gmail.com

Web: <http://www.brmaero.com>

or downloaded from

<https://www.bristell.com/bulletins/>

respectively from


<https://www.bristell.com/technical-documentation/>

For the latter login credentials must be ordered form BRM Aero, s.r.o.

### 2.3 Material requirements per aircraft N/A

### 2.4 Rework parts N/A

### 2.5 Special tooling N/A

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### 3 Accomplishment/Instructions

- 1) Check airplane AFM and supplements for currency, update if needed
- 2) Check airplane AMM and supplements for currency, update if needed
- 3) Check airplane SB compliance status
- 4) Make a log book entry and add note to aircraft CAW documentation that this Service bulletin has been incorporated.

### 4 Appendix

NIL