

DCA-145 Form No. 139
Battery & Wheel Shop -
Capability List



DC Aviation GmbH
Flughafen Stuttgart 1
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0 Administration & Control

1 Capability List

0.1 Table of Contents

0	Administration & Control	0-1
0.1	Table of Contents	0-1
0.2	List of Revisions	0-2
0.3	List of Effective Pages	0-4
0.4	Introduction & Synonyms	0-4
0.4.1	Foreword	0-4
0.5	Distribution List	0-4
0.5.1	Synonyms	0-5
0.6	Amendment & Control	0-6
0.6.1	General	0-6
0.6.2	Amendment & Control	0-6
0.7	Approval Page	0-7
1	Capability List	1-1
1.1	ATA 24 - Electrical Power	1-1
1.2	ATA 33 - Lights	1-5
1.3	ATA 32 - Landing Gear	1-6

0.2 List of Revisions

No.	Revision/ Temp.Revision	Info	Date
1	01-15	Old Form	03.08.2018
2	16		03.08.2018
3	17		21.09.2018
4	18		07.01.2019
5	19	New Form	27.02.2019
6	20	C5 - Rating / PN: 7243-16T	15.05.2019
7	21	Typo Error of P/N: 3-1418	16.07.2020
8	22	Typo Error of P/N: 3-1609-1-001	31.08.2020
9	23	For clarity assy PN: 100865 added	26.10.2020
10	24	C5 - Rating / PN: 405CH10	08.12.2020
11	25	C5 - Rating / PN: 4579 C14 - Rating / PN: 3-1610-x; PN: 3-1599; PN: 5010571-x; PN: 3- 1550-x; PN: 3-1622; PN: 5014199-x; PN: 5014197; PN: AH55055; PN: AHA2114; PN: 90005586-1 Editorial Changes	08.02.2021
12	26	C14 - Rating / PN: 3-1641 C5 - Rating / PN: 405CH10, PN: 40178-xx	13.04.2021
13	27	C14 - Rating / PN: C20545100-xx PN: C20546000-xx PN: 90008563 PN: 90008561	13.07.2021
14	28	C5 - Rating / PN: 804745 PN: 804747 PN: 804748 PN: 804749 PN: 804751 PN: 806653	17.09.2021

Revision Number	Revision Date	Name	Info
29	29-09-2022	T.Schultz	
30	21-10-2022	T.Schultz	
31	25-11-2022	T.Schultz	
32	04-01-2023	T.Schultz	Battery removal
33	09-02-2023	T.Schultz	add. wheel capability and P/N 9750R0824 correction
34	08-05-2023	T.Schultz	add. Wheel Capability and Battery Capability
35	30-06-2023	T.Schultz	New Design
36	18-07-2023	T.Schultz	add. Wheel Capability and Battery Capability
37	26-09-2023	T.Schultz	add. Wheel Capability / Battery Capability / CMM Corrections
38	14-11-2023	T.Schultz	add. Battery Capability
39	21-05-2024	T.Schultz	CMM Corrections / Battery Type added on several Items / Correction of several Alternate Partnumber / added new Wheel Assy PN:3-1601-x for STR
40	03-07-2024	T.Schultz	Correction of Typo Alternative PN: GK3240001-001 and PN: GK3240002-001

0.3 List of Effective Pages

Chapter	Page	Revision	Date	Chapter	Page	Revision	Date
		40	03-07-2024	1	2	40	03-07-2024
0	1	40	03-07-2024	1	3	40	03-07-2024
0	2	40	03-07-2024	1	4	40	03-07-2024
0	3	40	03-07-2024	1	5	40	03-07-2024
0	4	40	03-07-2024	1	6	40	03-07-2024
0	5	40	03-07-2024	1	7	40	03-07-2024
0	6	40	03-07-2024	1	8	40	03-07-2024
0	7	40	03-07-2024	1	9	40	03-07-2024
1	1	40	03-07-2024				

0.4 Introduction & Synonyms

0.4.1 Foreword

This Capability List has been prepared in accordance with the current EASA / FAA Regulations as well as the company policies and supplies information about appliances or components, which can be maintained by DC Aviation GmbH.

The current Capability List is available at the Safety & Compliance Manager's office and is also accessible to all DCA-Personnel on the DC Aviation internal network.

NOTE

The FAA Repair Station Approval is only valid for the station "STR" (Germany) and it cannot be transferred to station "DWC" (Dubai).

0.5 Distribution List

This Form will be send to the Safety & Compliance Department for checking and the Luftfahrt-Bundesamt for approval (refer to Chapter 0.7 - Approval Page and distributed over Web Manuals to all employees of DC Aviation.

0.5.1 Synonyms

In the column **EASA Rating** on the Capability List following synonyms are used:

C5 - Electrical Power

C14 - Landing Gear

In the column **FAA Rating** on the Capability List following synonyms are used:

ACC-2 - Electrical

ACC-AF - Airframe

Station definition:

STR = DCA Station Stuttgart

DWC = DCA Station Dubai

Designation of Maintenance options:

Electrical Power / Lights

Cap. Check = Capacity check

Rest. Check = Restoration Check

Gen. = General Overhaul

Landing Gear

O/H = Overhaul

T/C = Tire Change

NOTE

For SAFT and VARTA batteries the manufacturer's OEM Type reference rather than the actual OEM P/N was chosen as the designator for the Task Card number as the type reference is the most commonly used name for these batteries.

Aircraft Manufacturer P/N are given as a cross reference only where applicable.

Part of references are given when the CMM for the next higher assembly has to be used for component maintenance. This provides a traceable link to applicable maintenance documentation, which refers to the NHA only.

0.6 Amendment & Control

0.6.1 General

No work should be performed by this repair station on aircraft, engines and accessories if not listed in the Capability List, DCA-145 Form 139.

The Capability List as revised, indicates which components can be maintained by DC Aviation GmbH.

0.6.2 Amendment & Control

Before a new item will be added to the Capability List, the basic requirements (trained personnel, required tools, approved test equipment and approved technical data) have to be established i.a.w. to the DCA-MOE Chapter 1.11.3.

The Managers Maintenance have to investigate the efforts to be taken to establish these requirements.

It is within their responsibility to provide the Accountable Manager with the expected demand.

The Manager Maintenance to sign off the Capability List and forward it to the Safety & Compliance Department.

It is the responsibility of the Quality Manager to examine the established requirements and to sign off DCA-145 Form 139 for the company.

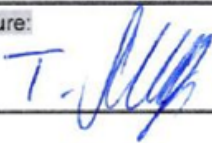
The Capability List will be reviewed in an interval of 6 months if not amended.

Any change within a sentence or paragraph will be marked in a blue font at the respective page; any change within the listing of Parts and P/N's itself will be marked with a yellow background.

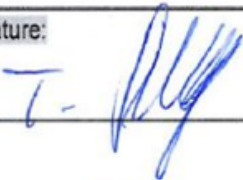
As soon as the Approval Page has been returned, the Safety & Compliance Department will distribute the amendment of the Capability List according to the paragraph "Distribution List", refer to para. 4.

0.7 Approval Page

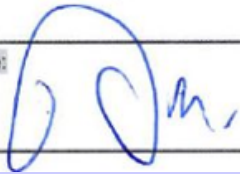
This DCA 145-Form is prepared by:

Name:	Date:	Signature:
T.Schultz	03.07.2024	

Released by:

Name:	Date:	Signature:
T.Schultz	03.07.2024	

Checked by:

Name:	Date:	Signature:
M.Ripke	03.07.2024	i.V. 

Approved by (Luftfahrt-Bundesamt):

Name:	Date of Approval Letter:	Approval Letter No:
T.von dem Hagen	18.07.2024	2024-0506

1.1 ATA 24 - Electrical Power

Station	Manufacturer or Vendor	AC Type	Battery Type	OEM PN	Alternative PN	Nomenclature	Reference Document	Modified *	Inspected / Tested	Repaired	Overhauled
DWC, STR	Dukane Seacom	Boeing, Airbus, Embraer, Bombardier, Dassault, Cessna, Beechcraft, ATR, BAe, Gulfstream, Pilatus, Dornier, Fokker aircraft	N/A	DK120-90		ULB Lithium Battery	03-TM-0063			X	
DWC, STR	Saft	A320 Family	N/A	2758	410946	Nickel Cadmium Aircraft Battery	CMM 24-38-51		X	X	X
DWC, STR	Saft	BD700	257CH-9	024054-000	BX00101-03 BA34-01	Nickel Cadmium Aircraft Battery	CMM 24-32-01		X	X	X
DWC, STR	Saft	BD700	427CK-1	024055-000	BA34-02 BX00201-03	Nickel Cadmium Aircraft Battery	CMM 24-32-09		X	X	X
DWC, STR	Saft	CL604 Variant	40178-24	024453-000	4078-3 4078-24 600-59151-11	Nickel Cadmium Aircraft Battery	CMM 24-32-05		X	X	X
DWC, STR	Saft	CL604 Variant	1756-3	024637-000	N/A	Nickel Cadmium Aircraft Battery	CMM 24-32-06		X	X	X
DWC, STR	Saft	Learjet 60	40678-4	023450-000	N/A	Nickel Cadmium Aircraft Battery	OMM 24-30-99		X	X	X

*) modifications are only performed as per instructions of OEM or the competent authority and only if required documentation, tools and parts are available.

Station	Manufacturer or Vendor	AC Type	Battery Type	OEM PN	Alternative PN	Nomenclature	Reference Document	Modified *	Inspected / Tested	Repaired	Overhauled
DWC, STR	Marathon	CE525	ATSP-280	31169-001	9914058-9	Nickel Cadmium Aircraft Battery	OMM 24-34-00		X	X	X
STR	L3 Aviation Products	CL-600-2B19	N/A	PS 850 PS855	501-1712-x 501-1719-x	Emergency Power Supply	CMM 24-30-08		X		
DWC, STR	Saft	CE560 XLS	4078-14	023167-000	9914058-11	Nickel Cadmium Aircraft Battery	CMM 24-32-25		X	X	X
STR	L3 Aviation Products	EMB 135/145	N/A	PS-835C PS-835D	501-1228-03 501-1228-04	Emergency Power Supply	CMM 24-30-02		X		
DWC, STR	Saft	G550 G650	5317CH-1	023805-000	1159SCAV519-1	Nickel Cadmium Aircraft Battery	CMM 24-34-01		X	X	
DWC, STR	Saft	Citation 550,560,650	4076-13	023322-000	N/A	Nickel Cadmium Aircraft Battery	OMM 24-30-99		X	X	X
DWC, STR	Saft	G150	276CH7	415779	N/A	Nickel Cadmium Aircraft Battery	OMM 24-30-99		X	X	X
DWC, STR	Saft	Embraer Legacy	N/A	442CH1	N/A	Nickel Cadmium Aircraft Battery	CMM 24-36-02		X	X	X
STR	Hawker	G550	N/A	9750W0380-1	N/A	Main Battery Lead Acid	CMM 24-32-33		X		
STR	Concorde	Learjet 40/45	N/A	RG380E/40L	N/A	Main Battery Lead Acid	CMM 24-30-71	X	X		
STR	Concorde	Learjet 40/45	N/A	RG443	N/A	Emergency Battery Lead Acid	CMM 24-30-67		X		

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Station	Manufacturer or Vendor	AC Type	Battery Type	OEM PN	Alternative PN	Nomenclature	Reference Document	Modified *	Inspected / Tested	Repaired	Overhauled
STR	Hawker	Learjet 40/45	F2040H1CT3	33490409209	7624308000-001	Main Battery Lead Acid	OMM 4635536		X	X	X
STR	Energys Ltd.	Learjet 40/45	N/A	9750R0824	7624308001-003	Emergency Battery Lead Acid	CMM 24-01-03		X		
STR	Concorde	CE560 XLS	N/A	RG-380E44L	S3597-2,-6,-8	Main Battery Lead Acid	CMM 24-30-71	X	X		
DWC, STR	Saft	Falcon 2000	N/A	4076-10	N/A	Nickel Cadmium Aircraft Battery	CMM 24-31-41		X		
DWC, STR	Saft	G550	4076-11	019368-000 023515-000	N/A	Nickel Cadmium Aircraft Battery	OMM 24-30-99		X		
DWC, STR	Saft	MU-2B	N/A	4078-4	N/A	Nickel Cadmium Aircraft Battery	CMM 24-31-16		X	X	X
DWC, STR	Diehl	BD700	N/A	3301-31	N/A	Emergency Power Supply	CMM 33-51-01		X		
DWC, STR	Saft	CL300	N/A	441CH1	N/A	Nickel Cadmium Aircraft Battery	CMM 24-30-12		X	X	X
STR	Teledyne	several Cessna, Cirrus, CPAC, Diamond, Maule, Mooney, Piper	N/A	7243-16T	N/A	Lead Acid Aircraft Battery	Q01-3100		X		
DWC, STR	Saft	Falcon 900	N/A	405CH10	N/A	Nickel Cadmium Aircraft Battery	CMM 24-32-18		X	X	X

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Station	Manufacturer or Vendor	AC Type	Battery Type	OEM PN	Alternative PN	Nomenclature	Reference Document	Modified *	Inspected / Tested	Repaired	Overhauled
DWC, STR	UTC Aerospace	BD700-2A12	N/A	5915984-4 5915984-5	101AL02A02Y03 101AL02A02Y02 G02404520-003 G02404520-005	Nickel Cadmium Aircraft Battery	CMM 24-32-07		X	X	X
DWC, STR	Saft	A320Neo Family	N/A	285CH	416526	Nickel Cadmium Aircraft Battery	CMM 24-38-58		X	X	X
DWC, STR	Saft	A220	425CK-1	416392	5915609-2 C07500016-001	Nickel Cadmium Aircraft Battery	CMM 24-32-23		X	X	X
STR	Saft	Falcon 900 Falcon 2000	N/A	804745 804747 804748 804749 804751 806653	N/A	Nickel Cadmium Aircraft Battery	CMM 24-30-17		X	X	X
DWC STR	Saft	Falcon 900	4579	018550-000	S282T002-1 BA06-01	Nickel Cadmium Aircraft Battery	CMM 24-31-05		X	X	X
STR	Teledyne	Gulfstream G280	N/A	7638-38HT	30P831000200-002	LEAD Acid Battery	Q01-2002		X		
DWC, STR	Saft	Gulfstream G650	257CH3	416497	N/A	Nickel Cadmium Aircraft Battery	24-30-55		X	X	X
DWC, STR	Marathon	CE560 XLS	ATSP-44	30978-002	9914058-6	Nickel Cadmium Aircraft Battery	OMM 24-34-00		X	X	X

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1.2 ATA 33 - Lights

Station	Manufacturer or Vendor	AC Type	OEM PN	Alternative PN	Nomenclature	Reference Document	Modified *	Inspected / Tested	Repaired	Overhauled
DWC, STR	Diehl	several Airbus aircraft	3214-31	N/A	Emergency Light Battery Pack	CMM 33-51-17		X		
STR	Avtech Tyee	CE 560 XLS+	9913-1	N/A	Emergency Light Battery Pack	CMM 33-50-01		X	X	

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1.3 ATA 32 - Landing Gear

Station	Manufacturer or Vendor	AC Type	OEM PN	Alternative PN	Nomenclature	Reference Document	Modified *	Inspected / Tested	Repaired	Overhauled
STR	UTC Aerospace Systems	CE560 XLS	3-1571-1/-2/-3/-4/-5/-6	6641650-x 9912487-x	Main Wheel Assembly	CMM 32-45-48		X	X	X
STR	UTC Aerospace Systems	CE560 XLS	3-1418 3-1418-Opt1-2-3-4	9914069-x 6242050-x	Nose Wheel Assembly	CMM 32-47-42		X	X	X
DWC, STR	MABS	CL604 Variant	5012373	604-85122-x K600-85032-5	Main Wheel Assembly	CMM 32-42-28		X	X	X
DWC, STR	MABS	CL604 Variant	5010598, 5010598AB, 5010598-1/-1AB	K600-85032-x 601R85003-1	Nose Wheel Assembly	CMM 32-46-27		X	X	X
DWC, STR	UTC Goodrich	CL300	3-1609-1	415-133-x	Main Wheel Assembly	CMM 32-48-28		X	X	X
DWC, STR	UTC Goodrich	CL300	3-1610 / -1	415-134-x	Nose Wheel Assembly	CMM 32-48-29		X	X	X
DWC, STR	UTC Goodrich	BD700-1A10/11 G5000/XRS	3-1560	KGC991-1119-x 27300-101	Nose Wheel Assembly	CMM 32-48-23		X	X	X
DWC, STR	UTC Goodrich	BD700-1A10/11 G5000/XRS	3-1599	KGC991-119-x 27350-x	Main Wheel Assembly	CMM 32-48-30		X	X	X

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Station	Manufacturer or Vendor	AC Type	OEM PN	Alternative PN	Nomenclature	Reference Document	Modified *	Inspected / Tested	Repaired	Overhauled
STR	Goodrich	Legacy 600 – 650	3-1622	135-25928-401 2309-1005-401	Nose Wheel Assembly	CMM 32-49-08		X	X	X
STR	MABS	Falcon 900	5014199-x		Nose Wheel Assembly	CMM 32-46-36		X	X	X
STR	MABS	Falcon 900	5014197		Main Wheel Assembly	CMM 32-41-33		X	X	X
STR	MABS	G550	AH55055	1159SCL505-x	Nose Wheel Assembly	CMM 32-44-41		X	X	X
STR	MABS	G550	AHA2114	1159SCL503-x	Main Wheel Assembly	CMM 32-44-42		X	X	X
STR	MABS	G650	90005586-1	60P3242101A00-x	Main Wheel Assembly	CMM 32-41-47		X	X	X
STR	Goodrich	ERJ145	3-1641	135-25602-401 135-25602-403	Main Wheel Assembly	CMM 32-49-11		X	X	X
STR	Safran	Falcon 2000	C20546000-x		Nose Wheel Assembly	CMM 32-45-93		X	X	X
STR	Safran	Falcon 2000	C20545100-x	C20545000	Main Wheel Assembly	CMM 32-45-92		X	X	X
STR	MABS	G500	90008561	72P3242001A003	Main Wheel Assembly	CMM 32-42-58		X	X	X
STR	MABS	G500	90008563	72P3241000A001	Nose Wheel Assembly	CMM 32-41-53		X	X	X

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Station	Manufacturer or Vendor	AC Type	OEM PN	Alternative PN	Nomenclature	Reference Document	Modified *	Inspected / Tested	Repaired	Overhauled
STR	MABS	CE525C CJ4	90006044	9912648-x	Nose Wheel Assembly	CMM 32-46-43		X	X	X
STR	MABS	CE525C CJ4	90006036	9912702-x	Main Wheel Assembly	CMM 32-41-41		X	X	X
STR	UTC	CE680 CE750	3-1538-x	9914473-x 9916227-x	Nose Wheel Assembly	CMM 32-47-43		X	X	X
STR	Goodrich	CE680 CE750	3-1621	9914655-1	Main Wheel Assembly	CMM 32-45-53		X	X	X
STR	Goodrich	CJ3	3-1607-x	9912561-x	Main Wheel Assembly	CMM 32-45-51		X	X	X
DWC, STR	MABS	G7500	90008513	GK3240001-001	Main Wheel Assembly	CMM 32-41-59		X	X	X
STR	MABS	Falcon 7X	90002745-x		Main Wheel Assembly	CMM 32-41-37		X	X	X
STR	MABS	Falcon 7X	90002746-x		Nose Wheel Assembly	CMM 32-46-40		X	X	X
STR, DWC	MABS	G7500	90008515	GK3240002-001	Nose Wheel Assembly	CMM 32-46-54		X	X	X
STR	MABS	G600	90009605	72P32420017003	Main Wheel Assembly	CMM 32-42-35		X	X	X
STR	MABS	G600	90010007	72P32410007001	Nose Wheel Assembly	CMM 32-41-68		X	X	X

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Station	Manufacturer or Vendor	AC Type	OEM PN	Alternative PN	Nomenclature	Reference Document	Modified *	Inspected / Tested	Repaired	Overhauled
STR	MABS	Falcon 50	5003279-x		Main Wheel Assy	CMM 32-40-46		X	X	X
STR	MABS	Falcon 50	9543426		Nose Wheel Assy	CMM 32-46-11		X	X	X
STR	MABS	G280	90005996	30P255001001-501	Main Wheel Assy	CMM 32-41-43		X	X	X
STR	MABS	G280	90005995	30P275000100-501	Nose Wheel Assy	CMM 32-46-44		X	X	X
STR	UTC	CJ1	3-1527-x or 9912398-x	9912398-x	Main Wheel Assy	CMM 32-45-45		X	X	X
DWC	Megitt	Beech 1900D	5006028-4/-5		Main Wheel Assy	CMM Q82-01		X	X	X
DWC	Goodrich	Beech 1900D	3-1426		Nose Wheel Assy	CMM 32-47-28		X	X	X
STR	Goodrich	Embraer ERJ135	3-1631-x		Main Wheel Assy	CMM 32-49-09		X	X	X
STR	UTC	CJ2	3-1601-2/-3/-3T1	9912743-4/-6/-8	Main Wheel Assy	CMM 32-45-50		X	X	X
STR	MABS	G650	90005587	60P3241101	Nose Wheel Assembly	CMM 32-46-46		X	X	X
STR	MABS	CL850	5010571-x	601R85123-x	Main Wheel Assembly	CMM 32-40-98		X	X	X
STR	Goodrich	Legacy 600 – 650	3-1550-x	2309-2003-401	Main Wheel Assembly	CMM 32-49-02		X	X	X

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