



Landing Gear Technologies, LLC.
FAA Repair Station #1LGR375B
EASA Repair Station # EASA-145.6361

Capability List
Revision: **21**
Revision Date: **2/22/2024**

LANDING GEAR TECHNOLOGIES, LLC.

CAPABILITY LIST

Revision: 21
Revision Date: 2/22/2024

ONLY THOSE COMPONENTS LISTED WILL BE APPROVED FOR RETURN TO SERVICE, AND ANY NEW COMPONENTS WILL NOT BE APPROVED FOR RETURN TO SERVICE UNTILL A SELF EVALUTION HAS BEEN COMPLETED. THE REVSED CAPABILITY LIST IS BEING SUBMITTED TO THE ADMINISTRATOR FOR ACCEPTANCE.



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Record of Revisions

Revision #	Revision Date	Page(s) Affected	Insertion Date	Initials
Original	8/16/2011	All	8/16/2011	RCA
1	10/15/2012	Cover, 1 and 4	10/15/2012	RCA
2	11/7/2012	Cover, 1 and 4	11/7/2012	RCA
3	11/27/2012	Cover, 1 and 4	11/27/2012	RCA
4	12/11/2012	All	12/11/2012	RCA
5	4/1/2013	All	4/1/2013	SMI
6	7/1/2013	All	7/1/2013	RCA
7	3/3/2014	All	3/3/2014	RCA
8	4/17/2014	All	4/17/2014	RCA
9	6/24/2014	All	6/24/2014	RCA
10	9/30/2014	All	9/30/2014	JR
11	5/10/2015	All	5/10/2015	JR
12	1/22/2016	All	1/22/2016	JR
13	9/23/2016	All	9/23/2016	EB
14	6/30/2017	Cover, 3, 4, 5, 9	6/30/2017	EB
15	12/31/2017	Cover, 3, 4, 7, 9	12/31/2017	EB
16	3/31/2018	Cover, 2, 3, 4, 9, 10	3/31/2018	EB
17	9/18/2020	Cover, 3, 10	9/18/2020	JZO
18	10/15/2021	Cover, 2, 3, 4, 6-8	10/15/2021	JZO
19	11/29/2021	Cover, 3, 4, 7	11/29/2021	JZO
20	2/24/2022	Cover, 3, 4, 7, 8	2/24/2022	JZO
21	2/22/2024	Cover, 3, 4, 7, 8	2/22/2024	JZO



List of Effective Pages

Page #	Revision Date	Revision #	Page #	Revision Date	Revision #
Cover Pg. 1	2/28/2022	21			
2	10/15/2021	18			
3	2/28/2022	21			
4	2/28/2022	20			
5	6/30/2017	14			
6	10/15/2021	18			
7	2/28/2022	20			
8	2/28/2022	21			

Approved By: 
 Accountable Manager

 F.A.A. Inspector

Dated: 2/22/2024



Section 1: CAPABILITY LIST ESTABLISHMENT AND REVISION PROCESS

Establishment and Revision

This repair station may perform maintenance, preventive maintenance, or alterations on the articles listed in a Capability List. The Quality Assurance Manager is responsible for ensuring that this repair station's Capability List is consistent with the repair station ratings. Before placing an article on the Capability List, the Manager of Quality Assurance shall:

1. Determine that the article is within the scope of the repair station's ratings.
2. Perform a self-evaluation to determine that this repair station has the appropriate housing, facilities, equipment, material, technical data, processes, and trained personnel to perform the work on that article as required by Part 145.
3. Document the results of the self-evaluation on Form LGT-15 and file the completed Form as a permanent record after Accountable Manager Approval.

The Accountable Manager will review and approve the evaluation before establishing or revising the Capability List (Section 2). The Capability List is a controlled document, and once the initial list or a revision has been approved by the Accountable Manager it will be forwarded to the FAA by certified mail or electronic means at the end of each calendar quarter (March, June, September, and December).

This repair station may perform maintenance, preventive maintenance, or alterations on the articles listed on its Capability List. The following Section 2 is this repair station's capability list.



Section 2: Capability List – Landing Gear

OEM / Vendor	Nomenclature	Part Number	ATA	FAA Rating	A/C Model	Rev.
Bae/APPH	Main Landing Gear	AIR83090-Series	32	Landing Gear	Jetstream 4100	13
Bae/APPH	Nose Landing Gear	AIR83586-Series	32	Landing Gear	Jetstream 4100	13
Bae/APPH	MLG Drag Brace	AIR84352-Series	32	Landing Gear	Jetstream 4100	13
Bae/APPH	Retract Actuator	AIR86478-Series	32	Landing Gear	Jetstream 4100	13
Bae/APPH	MLG Uplock	AIR85339/338-Series	32	Landing Gear	Jetstream 4100	13
Bae/APPH	Retract Actuator	AIR86496-Series	32	Landing Gear	Jetstream 4100	13
Bae/APPH	NLG Uplock	AIR85336-Series	32	Landing Gear	Jetstream 4100	13
Bae/APPH	Downlock	AIR85334-Series	32	Landing Gear	Jetstream 4100	13
Bae/APPH	Downlock Actuator	AIR86480-Series	32	Landing Gear	Jetstream 4100	13
Bae/APPH	Emergency Selector	AIR87390-Series	29	Accessory	Jetstream 4100	13
Bae/APPH	Downlock	AIR85344-Series	32	Landing Gear	Jetstream 4100	13
Bae/APPH	Uplock Actuator	AIR86486-Series	32	Landing Gear	Jetstream 4100	13
Bae/APPH	Downlock Actuator	AIR86488-Series	32	Landing Gear	Jetstream 4100	13
Boeing	Flap Carriage	65-46481-Series	57	Accessories	737	13
Boeing	Main Landing Gear	161A0001-Series	32	Landing Gear	737	13
Boeing	Nose Landing Gear	162A0001-Series	32	Landing Gear	737	13
Boeing	Link Assembly	65C32664-Series	57	Landing Gear	737	13
Boeing	Flap Carriage	65-52246-Series	57	Accessory	737	13
Boeing	Flap Carriage	65C26343-Series	57	Accessory	737	13
Boeing	Flap Carriage	65C34483-Series	57	Accessory	737	13
Boeing	NLG Lock Actuator	65C31099-Series	32	Landing	737	16
Boeing	NLG Retract Actuator	65-44610-Series	32	Landing	737	16
Boeing	Flap Track	65C35165-Series	57	Accessory	737	13
Boeing	Flap Track	65C34812-Series	57	Accessory	737	13
Boeing	Main Landing Gear	65-73761-Series	32	Landing Gear	737	13



OEM / Vendor	Nomenclature	Part Number	ATA	FAA Rating	A/C Model	Rev.
Boeing	Nose Landing Gear	65-73762-Series	32	Landing Gear	737	13
Boeing	Nose Landing Gear	162U1000-Series	32	Landing Gear	747	13
Boeing	Body Landing Gear	163U1000-Series	32	Landing Gear	747	13
Boeing	Wing Landing Gear	161U1000-Series	32	Landing Gear	747	13
Boeing	WLG Side Brace	65B19980-Series	32	Landing Gear	747	13
Boeing	WLG Walking Beam	65B01441-Series	32	Landing Gear	747	13
Boeing	WLG Housing	65B07769-Series	32	Landing Gear	747	13
Boeing	NLG Drag Strut	65B01456-Series	32	Landing Gear	747	13
Boeing	BLG Drag Strut	65B05290-Series	32	Landing Gear	747	13
Boeing	Nose Landing Gear	65B18202-Series	32	Landing Gear	747	21
Boeing	Nose Landing Gear	162N0001-Series	32	Landing Gear	757	13
Boeing	Main Landing Gear	161N0001-Series	32	Landing Gear	757	13
Boeing	Nose Landing Gear	162T0000-Series	32	Landing Gear	767	13
Boeing	Main Landing Gear	161T0000-Series	32	Landing Gear	767	13
Boeing	NLG Retract Actuator	273T4112-Series	32	Landing Gear	767	13
Boeing	MLG Retract Actuator	293W3302-Series	32	Landing Gear	777	16
Boeing	NLG Installation	162W0000	32	Landing Gear	777 (-200, -200ER, -300)	20
Boeing	MLG Installation	161W0000	32	Landing Gear	777 (-200, -200ER, -300)	20
Boeing	NLG Installation	162W0000 (Inspect, Test, Repair Only)	32	Landing Gear	777 (-200LR, -300ER, -300F)	20
Boeing	MLG Installation	161W0000 (Inspect, Test, Repair Only)	32	Landing Gear	777 (-200LR, -300ER, -300F)	20
Boeing	Center Axle Assembly	161W1163	32	Landing Gear	777	13



OEM / Vendor	Nomenclature	Part Number	ATA	FAA Rating	A/C Model	Rev.
Boeing	Tow Fitting Assembly	162W1600	32	Landing Gear	777	13
Boeing	Main Landing Gear Assy	5930999-Series	32	Landing Gear	MD-80	13
De Havilland	Inner Cylinder Assembly	47105-Series (Inspect Only)	32	Landing Gear	Q400	21
ELEB	Main Leg Strut	2309-2014-Series	32	Landing Gear	ERJ145	16
ELEB	Piston Tube Assy	2309-2057-Series	32	Landing Gear	ERJ145	16
ELEB	Cylinder Assy	2309-2064-Series	32	Landing Gear	ERJ145	16
ELEB	Lower Main Side Strut Assy	2309-2510-Series	32	Landing Gear	ERJ145	16
ELEB	Upper Main Side Strut Assy	2309-2502-Series	32	Landing Gear	ERJ145	16
ELEB	Lower Secondary Strut Assy	2309-2601-Series	32	Landing Gear	ERJ145	16
ELEB	Upper Secondary Strut Assy	2309-2608-Series	32	Landing Gear	ERJ145	16
ELEB	Axle	2309-2032-Series	32	Landing Gear	ERJ145	16
ELEB	Equipped Trailing Arm	2309-2037-Series	32	Landing Gear	ERJ145	13
ELEB	Axle	2309-2040-Series	32	Landing Gear	ERJ145	13
Lockheed	Shock Strut	3316498-1	T.O. 4S1-37-3	Landing Gear	L100-30/C130	13
Lockheed	Torque Strut	388064-3	T.O. 4S1-69-13	Landing Gear	L100-30/C130	13
Messier	NLG Drag Brace	16400-Series	32	Landing Gear	CRJ-100/-200	13
Messier	Nose Landing Gear	16040-Series	32	Landing Gear	CRJ-100/-200	13
Messier	Side Stay Actuator	17008-Series	32	Landing Gear	CRJ-100/-200	13
Messier	Main Landing Gear	17002-Series	32	Landing Gear	CRJ-100/-200	13
Messier	MLG Uplock	17051-Series	32	Landing Gear	CRJ-100/-200	14