

Airframe Entry - Aircraft SN: 145421

Package / Inspection

32-10-01-900-001-A00	Left, LANDING GEAR - Restore Main Landing Gear (MLG) Leg Strut Assy (PNs 2309-2002-Series, 2309-3002-Series, 2309-3100-Series and 2309-4002-Series). NOTE: Or 20000 FC whichever occurs first. - [RST] (PN: 2309-3002-615, SN: 247)	Compliance 11-Nov-2022, 42,331.1 Hrs, 32,602 Ldg
32-10-01-900-002-A00	Left, LANDING GEAR - Restore MLG Trailing Arm Assy (PNs 2309-2037-Series, 2309-3037-Series and 2309-4037-Series), including wheel axle. NOTE: Or 20000 FC, whichever occurs first. - [RST] (PN: 2309-3037-605, SN: OF-9597937/01)	11-Nov-2022, 42,331.1 Hrs, 32,602 Ldg
32-10-02-900-001-A00	Left, LANDING GEAR - Restore MLG Shock Absorber Assy (PNs 2309-2005-Series) NOTE: Or 20000 FC, whichever occurs first. - [RST] (PN: 2309-2005-007, SN: 1281)	11-Nov-2022, 42,331.1 Hrs, 32,602 Ldg
32-10-03-900-001-A00	Left, LANDING GEAR - Restore MLG Main Side Strut Assy (PNs 2309-2500-Series and 2309-3500-Series) NOTE: Or 20000 FC, whichever occurs first. - [RST] (PN: 2309-3500-503, SN: 482)	11-Nov-2022, 42,331.1 Hrs, 32,602 Ldg
32-10-04-900-001-A00	Left, LANDING GEAR - Restore MLG Secondary Side Strut Assy (PNs 2309-2600-Series) NOTE: Or 20000 FC, whichever occurs first. - [RST] (PN: 2309-2600-505, SN: 618)	11-Nov-2022, 42,331.1 Hrs, 32,602 Ldg

Part

321000-0201	Left, MLG LEG STRUT ELEB	Compliance 11-Nov-2022, 42,331.1 Hrs, 32,602 Ldg
OFF PN: 2309-3006-601	OFF SN: OF6319984-01	Reason for Removal: Convenience
ON PN: 2309-3006-601	ON SN: 0472679/01	Condition: Overhauled TSN: 29,354 Ldg. TSO: 0 Ldg, 0 Hrs. TSR: 0 Ldg, 0 Hrs
321000-0301	Left No.1, MLG LEG STRUT ELEB - Trunnion axle	11-Nov-2022, 42,331.1 Hrs, 32,602 Ldg
OFF PN: 2309-3025-001	OFF SN: OF6519061-09	Reason for Removal: Convenience
ON PN: 2309-3025-001	ON SN: OF3288625-09	Condition: Upgraded TSN: 33,573 Ldg. TSO: 0 Ldg, 0 Hrs. TSR: 0 Ldg, 0 Hrs
321000-0303	Left No.2, MLG LEG STRUT ELEB - Trunnion axle	11-Nov-2022, 42,331.1 Hrs, 32,602 Ldg
OFF PN: 2309-3025-001	OFF SN: OF7479957-08	Reason for Removal: Convenience
ON PN: 2309-3025-001	ON SN: OF3602497-12	Condition: Overhauled TSN: 33,573 Ldg. TSO: 0 Ldg, 0 Hrs. TSR: 0 Ldg, 0 Hrs
321000-1001	Left, MLG Leg Structure Assembly	11-Nov-2022, 42,331.1 Hrs, 32,602 Ldg
OFF PN: 2309-3002-513	OFF SN: 168	Reason for Removal: Convenience
ON PN: 2309-3002-615	ON SN: 247	Condition: Upgraded TSN: 33,573 Ldg, 43,014.1 Hrs. TSO: 0 Ldg, 0 Hrs
321001-0101	Left, MLG LEG STRUT ELEB - Equipped Trailing Arm	11-Nov-2022, 42,331.1 Hrs, 32,602 Ldg
OFF PN: 2309-3037-403	OFF SN: OF8809533/02	Reason for Removal: Convenience
ON PN: 2309-3037-605	ON SN: OF-9597937/01	Condition: Overhauled TSN: 34,630 Ldg. TSO: 0 Ldg, 0 Hrs. TSR: 0 Ldg, 0 Hrs
321001-0201	Left, MLG LEG STRUT ELEB - Trailing arm	11-Nov-2022, 42,331.1 Hrs, 32,602 Ldg
OFF PN: 2309-3009-507	OFF SN: OF6082725/02	Reason for Removal: Convenience
ON PN: 2309-3009-603	ON SN: OF9056836-03	Condition: Overhauled TSN: 34,630 Ldg. TSO: 0 Ldg, 0 Hrs. TSR: 0 Ldg, 0 Hrs
321001-0301	Left, MLG LEG STRUT ELEB - Trailing arm axle	11-Nov-2022, 42,331.1 Hrs, 32,602 Ldg
OFF PN: 2309-3055-001	OFF SN: OF6733134-01	Reason for Removal: Convenience
ON PN: 2309-3055-001	ON SN: OF328824701	Condition: Overhauled TSN: 33,573 Ldg. TSO: 0 Ldg, 0 Hrs. TSR: 0 Ldg, 0 Hrs
321002-0101	Left, MLG SHOCK ABSORBER ELEB	11-Nov-2022, 42,331.1 Hrs, 32,602 Ldg
OFF PN: 2309-2005-005	OFF SN: 420	Reason for Removal: Convenience
ON PN: 2309-2005-007	ON SN: 1281	Condition: Overhauled TSN: 31,558 Ldg
321002-0201	Left No.1, MLG LEG STRUT ELEB - Shock absorber attachment axle	11-Nov-2022, 42,331.1 Hrs, 32,602 Ldg
OFF PN: 2309-2029-001	OFF SN: 1275014/004	Reason for Removal: Convenience
ON PN: 2309-2029-001	ON SN: 1272260/009	Condition: Overhauled TSN: 14,563 Ldg. TSO: 0 Ldg, 0 Hrs. TSR: 0 Ldg, 0 Hrs
321002-0203	Left No.2, MLG LEG STRUT ELEB - Shock absorber attachment axle	11-Nov-2022, 42,331.1 Hrs, 32,602 Ldg
OFF PN: 2309-2029-001	OFF SN: 8993227/06	Reason for Removal: Convenience
ON PN: 2309-2029-001	ON SN: OF1321279/10	Condition: Overhauled TSN: 33,573 Ldg. TSO: 0 Ldg, 0 Hrs. TSR: 0 Ldg, 0 Hrs
321002-0301	Left, MLG SHOCK ABSORBER ELEB - Piston tube	11-Nov-2022, 42,331.1 Hrs, 32,602 Ldg
OFF PN: 2309-2058-001	OFF SN: 1248058/001	Reason for Removal: Convenience
ON PN: 2309-2058-001	ON SN: OF147461-2/2	Condition: Overhauled TSN: 33,823 Ldg. TSO: 0 Ldg, 0 Hrs. TSR: 0 Ldg, 0 Hrs
321002-0401	Left, MLG SHOCK ABSORBER ELEB - Cylinder	11-Nov-2022, 42,331.1 Hrs, 32,602 Ldg
OFF PN: 2309-2056-005	OFF SN: OF3586045-01	Reason for Removal: Convenience
ON PN: 2309-2056-005	ON SN: OF.0084294-02	Condition: Overhauled TSN: 31,558 Ldg. TSO: 0 Ldg, 0 Hrs. TSR: 0 Ldg, 0 Hrs
321002-0501	Left, MLG SHOCK ABSORBER ELEB - Bearing cap	11-Nov-2022, 42,331.1 Hrs, 32,602 Ldg
OFF PN: 2309-2082-001	OFF SN: OF2558887/35	Reason for Removal: Convenience
ON PN: 2309-2082-001	ON SN: 1248913/004	Condition: Overhauled TSN: 15,799 Ldg. TSO: 0 Ldg, 0 Hrs. TSR: 0 Ldg, 0 Hrs
321003-0101	Left, MLG MAIN SIDE STRUT ELEB	11-Nov-2022, 42,331.1 Hrs, 32,602 Ldg
OFF PN: 2309-3500-503	OFF SN: 327	Reason for Removal: Convenience
ON PN: 2309-3500-503	ON SN: 482	Condition: Upgraded TSN: 33,578 Ldg, 43,019.3 Hrs. TSO: 0 Ldg, 0 Hrs

Airframe Entry - Aircraft SN: 145421

321003-0201	Left, MLG LEG STRUT ELEC - Main side strut attachment axle (Pivot Pin)	11-Nov-2022, 42,331.1 Hrs, 32,602 Ldg
OFF PN: 2309-3032-005	OFF SN: OF7145845-01	Reason for Removal: Convenience
ON PN: 2309-3032-005	ON SN: OF9800033-04	Condition: Overhauled TSN: 37,393 Ldg. TSO: 0 Ldg, 0 Hrs. TSR: 0 Ldg, 0 Hrs
321003-0301	Left, MLG MAIN SIDE STRUT ELEC - Upper main side strut	11-Nov-2022, 42,331.1 Hrs, 32,602 Ldg
OFF PN: 2309-2524-001	OFF SN: 1223041/001	Reason for Removal: Convenience
ON PN: 2309-2532-001	ON SN: OF3183512/09	Condition: Overhauled TSN: 33,578 Ldg. TSO: 0 Ldg, 0 Hrs. TSR: 0 Ldg, 0 Hrs
321003-0401	Left, MLG MAIN SIDE STRUT ELEC - Lower main side strut	11-Nov-2022, 42,331.1 Hrs, 32,602 Ldg
OFF PN: 2309-2532-001	OFF SN: OF6153677/01	Reason for Removal: Convenience
ON PN: 2309-2524-001	ON SN: OF2028266/08	Condition: Overhauled TSN: 33,578 Ldg. TSO: 0 Ldg, 0 Hrs. TSR: 0 Ldg, 0 Hrs
321003-0501	Left, MLG MAIN SIDE STRUT ELEC - Shaft	11-Nov-2022, 42,331.1 Hrs, 32,602 Ldg
OFF PN: 2309-3515-001	OFF SN: OF7579204-02	Reason for Removal: Convenience
ON PN: 2309-3515-001	ON SN: OF3797507-02	Condition: Upgraded TSN: 33,578 Ldg. TSO: 0 Ldg, 0 Hrs. TSR: 0 Ldg, 0 Hrs
321003-0601	Left, MLG MAIN SIDE STRUT ELEC - Pivot pin	11-Nov-2022, 42,331.1 Hrs, 32,602 Ldg
OFF PN: 2309-3516-001	OFF SN: 1219044/006	Reason for Removal: Convenience
ON PN: 2309-3516-001	ON SN: OF1806217/04	Condition: Overhauled TSN: 33,578 Ldg. TSO: 0 Ldg, 0 Hrs. TSR: 0 Ldg, 0 Hrs
321004-0101	Left, MLG SECONDARY SIDE STRUT ELEC	11-Nov-2022, 42,331.1 Hrs, 32,602 Ldg
OFF PN: 2309-2600-507	OFF SN: 690	Reason for Removal: Convenience
ON PN: 2309-2600-505	ON SN: 618	Condition: Overhauled TSN: 34,156 Ldg, 44,231.1 Hrs. TSO: 0 Ldg, 0 Hrs
321004-0401	Left, MLG SECONDARY SIDE STRUT ELEC - Lower secondary side strut	11-Nov-2022, 42,331.1 Hrs, 32,602 Ldg
OFF PN: 2309-2624-001	OFF SN: 5299141/12	Reason for Removal: Convenience
ON PN: 2309-2624-001	ON SN: 5299113/22	Condition: Overhauled TSN: 33,647 Ldg. TSO: 0 Ldg, 0 Hrs. TSR: 0 Ldg, 0 Hrs
321004-0501	Left, MLG SECONDARY SIDE STRUT ELEC - Cardan	11-Nov-2022, 42,331.1 Hrs, 32,602 Ldg
OFF PN: 2309-2618-001	OFF SN: OF299061315	Reason for Removal: Convenience
ON PN: 2309-2618-001	ON SN: 00054	Condition: New TSN: 0 Ldg, 0 Hrs. TSO: 0 Ldg, 0 Hrs. TSR: 0 Ldg, 0 Hrs
321004-0601	Left, MLG SECONDARY SIDE STRUT ELEC - Shaft	11-Nov-2022, 42,331.1 Hrs, 32,602 Ldg
OFF PN: 2309-2621-001	OFF SN: 1743732/008	Reason for Removal: Convenience
ON PN: 2309-2621-001	ON SN: 1899146/003	Condition: New TSN: 0 Ldg, 0 Hrs. TSO: 0 Ldg, 0 Hrs. TSR: 0 Ldg, 0 Hrs
321004-0701	Left, MLG SECONDARY SIDE STRUT ELEC - Bolt	11-Nov-2022, 42,331.1 Hrs, 32,602 Ldg
OFF PN: 2309-2626-001	OFF SN: OF2146200/20	Reason for Removal: Convenience
ON PN: 2309-2626-001	ON SN: OF5792765/46	Condition: Overhauled TSN: 34,156 Ldg. TSO: 0 Ldg, 0 Hrs. TSR: 0 Ldg, 0 Hrs
321004-0801	Left, MLG SECONDARY SIDE STRUT ELEC - Pivot pin	11-Nov-2022, 42,331.1 Hrs, 32,602 Ldg
OFF PN: 2309-2613-001	OFF SN: OF244597913	Reason for Removal: Convenience
ON PN: 2309-2613-001	ON SN: 3037555	Condition: New TSN: 0 Ldg, 0 Hrs. TSO: 0 Ldg, 0 Hrs. TSR: 0 Ldg, 0 Hrs
321004-0901	Left No.1, MLG SECONDARY SIDE STRUT ELEC - Spring	11-Nov-2022, 42,331.1 Hrs, 32,602 Ldg
OFF PN: 2309-2651-005	OFF SN: 1324919/023	Reason for Removal: Convenience
ON PN: 2309-2651-005	ON SN: 1342335/012	Condition: Overhauled TSN: 14,563 Ldg. TSO: 0 Ldg, 0 Hrs. TSR: 0 Ldg, 0 Hrs
321004-0903	Left No.2, MLG SECONDARY SIDE STRUT ELEC - Spring	11-Nov-2022, 42,331.1 Hrs, 32,602 Ldg
OFF PN: 2309-2651-005	OFF SN: 1320923/015	Reason for Removal: Convenience
ON PN: 2309-2651-005	ON SN: 1342335/014	Condition: Overhauled TSN: 14,563 Ldg. TSO: 0 Ldg, 0 Hrs. TSR: 0 Ldg, 0 Hrs
321005-0101	Left, MLG LEG STRUT ELEC - Wheel Axle	11-Nov-2022, 42,331.1 Hrs, 32,602 Ldg
OFF PN: 2309-3040-001	OFF SN: OF8860979-01	Reason for Removal: Convenience
ON PN: 2309-3040-001	ON SN: OF8462913-04	Condition: Overhauled TSN: 34,630 Ldg. TSO: 0 Ldg, 0 Hrs. TSR: 0 Ldg, 0 Hrs
321005-0201	Left, MLG LEG STRUT ELEC - Pivot (Cardan Axle)	11-Nov-2022, 42,331.1 Hrs, 32,602 Ldg
OFF PN: 2309-2050-003	OFF SN: 2639554/30	Reason for Removal: Convenience
ON PN: 2309-2050-601	ON SN: 1391433/006	Condition: Overhauled TSN: 228 Ldg. TSO: 0 Ldg, 0 Hrs. TSR: 0 Ldg, 0 Hrs
321006-0101	Left, MLG LEG STRUT ELEC - Cardan Joint	11-Nov-2022, 42,331.1 Hrs, 32,602 Ldg
OFF PN: 2309-2048-005	OFF SN: 8944537/06	Reason for Removal: Convenience
ON PN: 2309-2048-005	ON SN: 1745474/002	Condition: Overhauled TSN: 228 Ldg. TSO: 0 Ldg, 0 Hrs. TSR: 0 Ldg, 0 Hrs

Technician: _____ Name & Certificate: _____ Signature: _____
Date: _____

Inspector: _____ Name & Certificate: _____ Signature: _____
Date: _____



Sales Order: 660041923	
Mfg P/N: 2309-3002-615	A/C: N48901
Mfg S/N: 247	MSN: 501
CPN: N/A	PO: RO-3180-145501

Landing Gear Maintenance Report

E145 LH MLG LEG STRUT ASSY & SHOCK ABSORBER

Customer Documentation Package

Evaluation Report and Airworthiness Release Certificate

Life Limit Report

Service Bulletin Report

Customer Purchase Order (PO, RO, SO)

Concessions

Certificates for Replaced Parts (with Traceability)

Previous Operator Traceability

FAA REPAIR STATION RJ3R817L
EASA: DE.145.0001

Prepared By: May Maryzana Maginde
Digitally signed by
May Maryzana
Maginde
Date: 2022.10.20
10:09:39 -07'00'



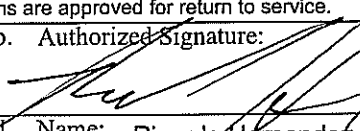
Landing Gear Maintenance Report

E145 LH MLG LEG STRUT ASSY & SHOCK ABSORBER

Sales Order: 660041923	
Mfg P/N: 2309-3002-615	A/C: N48901
Mfg S/N: 247	MSN: 501
CPN: N/A	PO: RO-3180-145501

Evaluation Report and Airworthiness Release Certificate

FAA REPAIR STATION RJ3R817L
EASA: DE.145.0001

1. Approving Civil Aviation Authority / Country FAA / United States		AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, Airworthiness Approval Tag				3. Form Tracking Number: 158307	
4. Organization Name and Address:		HAWKER PACIFIC AEROSPACE  Hawker Pacific Aerospace Repair Station No. RJ3R817L 11240 Sherman Way Sun Valley, CA. 91352				5. Work Order/Contract/Invoice No./P.O.: 660041923 / 51678410 / / RO-3180-145501	
6. Item	7. Description	8. Part Number	9. Quantity	10. Serial Number	11. Status/Work		
1	LEG STRUT ASSY-LR (LH)	2309-3002-615	1	247	OVERHAULED		
12. Remarks: Life Details: TSN: 43014:12 CSN: 33573 TSO: ZERO CSO: ZERO OVERHAULED IN ACCORDANCE WITH ELEB CMM 32-10-01 REV. 25 DATED 30MAR2021. COMPLIED WITH ELEB-TD 2022-026748 DATED 24AUG2022, ELEB-TD 2022-026750 DATED 24AUG2022, ELEB-TD 2022-028344 DATED 09SEPT2022, ELEB-TD 2022-029822 DATED 26SEPT2022, ELEB-TD 2022-027618 DATED 02SEPT2022 MODS: F,H INCLUDES: SHOCK ABSORBER P/N: 2309-2005-007, S/N: 1281 - CSN: 31558 MLG TRAILING ARM EQUIP P/N: 2309-3037-605, S/N: OF-9597937/01 - CSN: 34630 SEE ATTACHMENTS FOR AD/SB STATUS AND LLP DATA.							
13a. Certifies the items identified above were manufactured in conformity to: ☐ Approved design data and are in condition for safe operation. ☐ Non-approved design data specified in Block 12.				14a. ☒ 14 CFR 43.9 Return to Service ☐ Other regulation specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.			
13b. Authorized Signature:		13c. Approval / Authorization No.:		14b. Authorized Signature:		14c. Approval Certificate No.:	
				 HPT 86		RJ3R817L	
13d. Name:		13e. Date:		14d. Name: Ricardo Hernandez		14e. Date: (dd/mm/yyyy) 21.Oct.2022	
USER / INSTALLER RESPONSIBILITIES							
Note: 1). It is important to understand that the existence of the document alone does not automatically constitute authority to install the part/component/assembly. 2) Where the user/installer works in accordance with the national regulations of an Airworthiness Authority different than the Airworthiness Authority of the country specified in block 1, it is essential that the user/installer ensures that his/her Airworthiness Authority accepts parts/components/assemblies from the Airworthiness Authority of the country specified in block 1. 3) Statements 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance record must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.							

Evaluation Report

HAWKER PACIFIC AEROSPACE

FAA Repair Station RJ3R817L



Hawker Pacific Aerospace
11240 Sherman Way
Sun Valley, CA. 91352 USA
Tel: (818) 765-6201
Fax: (818) 765-4158

Event: L-00528-LMG Sales Order: 660041923
Receipt Date: Aug 9, 2022
Customer JSX
Customer P.O. RO-3180-145501
Urgency Tail # N48901

Receiving Planner Work Order Information

Qty	P.O. Part Number	Description	Serial Number	Manufacturer		Eligibility
1	2309-3002-515	LH LEG STRUT ASSY LR	247	ELEB - EQUIPAMENTOS LTDA DO BRASIL		ERJ 140/145
Customer Reported Discrepancy			CSO	CSN	TSO	TSN
NONE			14563.00	33573.00	6408:42	43014:12
Warranty		N/A				
Customer Instructions		OVERHAUL				

Initial Evaluation Results

RECEIVED LH MAIN KANDING GEAR DUE FOR OVERHAUL. NO MAJOR DAMAGE EXTERNALLY NOTED.
UNIT WILL BE OVERHAULED IN ACCORDANCE WITH LIEBHERR CMM 32-10-01

Initial Test

Repair Action Description

Work accomplished

OVERHAULED IN ACCORDANCE WITH ELEB CMM 32-10-01 REV.25 DATED 30MAR2021.
COMPLIED WITH ELEB-TD 2022-026748 DATED 24AUG2022, ELEB-TD 2022-026750 DATED 24AUG2022, ELEB-TD 2022-028344 DATED 09SEPT2022, ELEB-TD 2022-029822 DATED 26SEPT2022 ,
ELEB-TD 2022-027618 DATED 02SEPT2022

CSO: ZERO

TSO: ZERO

MODS: F,H

INCLUDES: SHOCK ABSORBER P/N: 2309-2005-007, S/N: 1281 - CSN: 31558

MLG TRAILING ARM EQUIP P/N: 2309-3037-605, S/N: OF-9597937/01 - CSN: 34630

SEE ATTACHMENTS FOR AD/SB STATUS AND LLP DATA.

Repair Action Descr. created by	U758531	Print by:	U758531	Print at:	Oct 21, 2022
As shipped Part Number	2309-3002-615	S / N	247	Publication	32-10-01



Landing Gear Maintenance Report

E145 LH MLG LEG STRUT ASSY & SHOCK ABSORBER

Sales Order: 660041923	
Mfg P/N: 2309-3002-615	A/C: N48901
Mfg S/N: 247	MSN: 501
CPN: N/A	PO: RO-3180-145501

Life Limit Report

FAA REPAIR STATION RJ3R817L
EASA: DE.145.0001



LIFE LIMIT REPORT

EMB-145 MAIN GEAR LEG STRUT ASSY & SHOCK ABSORBER ASSY

Sales Order: 660041923	
Mfg P/N: 2309-3002-615	A/C: N48901
Mfg S/N: 247	MSN: 501
CPN: N/A	PO: RO-3180-145501

AS RECEIVED BY HPA

MFG P/N	NOMENCLATURE	MFG S/N	SLL*	CSN	REMAINING SLL
2309-3002-515	MAIN LANDING GEAR	247	UNLIMITED	33,573	N/A
2309-3014-601	LEG STRUT ASSY	OF4933603/01	UNLIMITED	33,573	REPLACED
2309-3006-601	LEG STRUT	OF416921-6/01	60,000	33,573	REPLACED
2309-3025-001	TRUNNION AXLE	OF3288625-09	60,000	33,573	26,427
2309-3025-001	TRUNNION AXLE	OF3602497-12	60,000	33,573	26,427
2309-2027-005	ACTUATOR ATTACH AXLE	OF1770589/07	UNLIMITED	33,573	N/A
2309-2029-001	SHOCK ATTACH AXLE	1272260/009	60,000	14,563	45,437
2309-2029-001	SHOCK ATTACH AXLE	OF1321279/10	60,000	33,573	26,427
2309-3032-005	SIDE STRUT ATTACH AXLE	OF3797680-02	60,000	33,573	REPLACED
2309-3055-001	TRAILING ARM AXLE	OF328824701	60,000	33,573	26,427
2309-3037-605	TRAILING ARM EQUIP	OF-9597937/01	60,000	34,630	25,370
2309-3009-501	TRAILING ARM	OF9056836-03	60,000	34,630	25,370
2309-3040-001	WHEEL AXLE	OF8462913-04	60,000	34,630	25,370
2309-2050-601	PIVOT	1391433/006	60,000	228	59,772
2309-2041-401	CARDAN ASSY	1761847/001	UNLIMITED	228	N/A
2309-2048-005	CARDAN	1745474/002	60,000	228	59,772
2309-2005-007	SHOCK ABSORBER	1281	UNLIMITED	31,558	N/A
2309-2057-003	PISTON TUBE ASSY	OF-495091-6/02	UNLIMITED	31,558	REPLACED
2309-2058-001	PISTON TUBE	OF8696378/02	60,000	31,558	REPLACED

AS RELEASED BY HPA

MFG P/N	MFG S/N	CSN	REMAINING SLL	CSO	PREVIOUS OPERATOR
2309-3002-615	247	33573	N/A	0	N48901
2309-3014-601	1382148/01	29354	N/A	0	N245JX
2309-3006-601	0472679/01	29354	30,646	0	N245JX
2309-3025-001	OF3288625-09	33573	26427	0	N48901
2309-3025-001	OF3602497-12	33573	26427	0	N48901
2309-2027-005	OF1770589/07	33573	N/A	0	N48901
2309-2029-001	1272260/009	14563	45437	0	N48901
2309-2029-001	OF1321279/10	33573	26427	0	N48901
2309-3032-005	OF.9800033-04	37393	22,607	0	N243JX
2309-3055-001	OF328824701	33573	26427	0	N48901
2309-3037-605	OF-9597937/01	34630	25370	0	N48901
2309-3009-603	OF9056836-03	34630	25370	0	N48901
2309-3040-001	OF8462913-04	34630	25370	0	N48901
2309-2050-601	1391433/006	228	59772	0	N48901
2309-2041-401	1761847/001	228	N/A	0	N48901
2309-2048-005	1745474/002	228	59772	0	N48901
2309-2005-007	1281	31558	N/A	0	N48901
2309-2057-003	OF3047758/02	33823	N/A	0	N11535
2309-2058-001	OF147461-2/2	33823	26,177	0	N11535

*SAFE LIFE LIMITS (SLL) MRB-145/1150 Rev. 21 Dated 16-JUN-2020

Cumulative cycle information for each life limited component or assembly is provided by and recorded under the responsibility of the customer. Safe life limits have been reviewed and verified to approved and/or accepted data. Deviations from the technical publication's safe life limit may be reflected, as dictated by the customer.

FAA REPAIR STATION RJ3R817L
EASA: DE.145.0001

Responsible for content: LAXUG 610/ Patrick Keller

Prepared By: May Maryzana Maginde

Date: 10/21/2022

May
Maryzana
Maginde
Stamp: Maginde
Digitally signed by May Maryzana Maginde
Date: 2022.10.21 15:46:25 -07'00'

Activity-related document
IQ MOVE Document No.: 28067



LIFE LIMIT REPORT

EMB-145 MAIN GEAR LEG STRUT ASSY & SHOCK ABSORBER ASSY

Sales Order: 660041923	
Mfg P/N: 2309-3002-615	A/C: N48901
Mfg S/N: 247	MSN: 501
CPN: N/A	PO: RO-3180-145501

AS RECEIVED BY HPA

MFG P/N	NOMENCLATURE	MFG S/N	SLL*	CSN	REMAINING SLL
2309-2064-005	CYLINDER ASSY	OF-365426-2/02	UNLIMITED	31,558	N/A
2309-2056-005	CYLINDER	OF.0084294-02	60,000	31,558	28,442
2309-2082-001	BEARING CAP	1248913/004	60,000	15,799	44,201

*SAFE LIFE LIMITS (SLL) MRB-145/1150 Rev. 21 Dated 16-JUN-2020

AS RELEASED BY HPA

MFG P/N	MFG S/N	CSN	REMAINING SLL	CSO	PREVIOUS OPERATOR
2309-2064-005	OF-365426-2/02	31,558	N/A	0	N48901
2309-2056-005	OF.0084294-02	31,558	28,442	0	N48901
2309-2082-001	1248913/004	15799	44201	0	N48901

Cumulative cycle information for each life limited component or assembly is provided by and recorded under the responsibility of the customer. Safe life limits have been reviewed and verified to approved and/or accepted data. Deviations from the technical publication's safe life limit may be reflected, as dictated by the customer.

Prepared By: May Maryzana Maginde

May
Maryzana
Maginde
Digitally signed
by May Maryzana
Maginde
Date: 2022.10.21
19:46:53 -0700

Stamp: Maginde

Date: 10/21/2022

FAA REPAIR STATION RJ3R817L
EASA: DE.145.0001



Landing Gear Maintenance Report

E145 LH MLG LEG STRUT ASSY & SHOCK ABSORBER

Sales Order: 660041923	
Mfg P/N: 2309-3002-615	A/C: N48901
Mfg S/N: 247	MSN: 501
CPN: N/A	PO: RO-3180-145501

Service Bulletin Report

FAA REPAIR STATION RJ3R817L
EASA: DE.145.0001

Sales Order: 660041923

Mfg P/N: 2309-3002-615	A/C: N48901
Mfg S/N: 247	MSN: 501
CPN: N/A	PO: RO-3180-145501

Service Bulletin Report E145 LH MLG LEG STRUT ASSY & SHOCK ABSORBER

SERVICE BULLETIN	AD NOTE	EO or REF	DESCRIPTION	ACCOMPLISHMENT STATUS	
145-32-0009	98-11-30	-	REPLACEMENT OF THE SHOCK ABSORBER PLAIN BEARING		NR
145-32-0010	-	-	REPLACEMENT OF FRONT PROXIMITY SWITCH TARGET		NR
145-32-0012	98-11-30	-	REPLACEMENT OF MAIN LANDING GEAR STRUT BUSHINGS		NR
145-32-0035	2005-20-37	2309-2002-32-04	TRAILING ARM CARDAN REPLACEMENT		NR
145-32-0046	-	-	WOW PROXIMITY SWITCH ELECTRICAL CONNECTOR REPLACEMENT	PCW	
145-32-0050	-	-	REPLACEMENT OF THE WOW PROXIMITY SWITCH SUPPORT AND TARGET	PCW	
145-32-0059	-	-	BRAKE HOSE GUIDE SUPPORT REPLACEMENT	PCW	
145-32-0066	2004-20-13	2309-2006-32-01	CORROSION PROTECTION OF MLG BUSHING HOUSINGS		NR
145-32-0070	-	2309-2005-32-01	REPAIR TO MLG SHOCK ABSORBER		NR
145-32-0091	2005-20-37	2309-2002-32-04	MLG TRAILING ARM INSPECTION	CW	
145-32-0094	-	2309-2002-32-02	REPAIR TO TRAILING ARM		NR
145-32-0097	-	2309-2002-32-05	INSPECTION AND CORROSION PROTECTION OF THE AXLE		NR
145-32-0113	-	2309-2002-32-07 2309-2006-32-02 2309-2009-32-01	MAIN LANDING GEAR MODIFICATION PACKAGE	CW	
145-32-0114	-	2309-2002-32-06	REPAIR OF THE AXLE STRUT OF THE MAIN LANDING GEAR LEG	CW	
145-32-0117	-	2309-2002-32-08	LANDING GEAR TRACEABILITY VERIFICATION METHOD		
145-32-0122	2010-03-07	-	INSPECTION/REPLACEMENT OF MAIN LANDING GEAR TRAILING ARM PIN	CW	
145-32-A080	-	-	INSPECTION/REPLACEMENT OF MAIN LANDING GEAR TRAILING ARM CARDAN (INFO ONLY)		NR

LEGEND:

PCW - PREVIOUSLY COMPLIED WITH
 CW - COMPLIED WITH (THIS VISIT)
 PARTIAL - PARTIALLY COMPLIED WITH
 N/A - NOT ACCOMPLISHED
 N/R - NOT REQUIRED

Prepared by: DANIEL AGUILAR Stamp: DLA2077

Date: 10/19/2022



Landing Gear Maintenance Report

E145 LH MLG LEG STRUT ASSY & SHOCK ABSORBER

Sales Order: 660041923	
Mfg P/N: 2309-3002-615	A/C: N48901
Mfg S/N: 247	MSN: 501
CPN: N/A	PO: RO-3180-145501

Customer Purchase Order (PO, RO, SO)

FAA REPAIR STATION RJ3R817L
EASA: DE.145.0001



Kingman Aviation
7100 Flightline Dr, ATTN: JSX REP
Kingman, AZ, 86401
Phone: 469-791-7344

Repair Order

Order No.
RO-3180-145501

Account No.

Date

05-Aug-2022



Return To Address

Kingman Aviation
7100 Flightline Dr
ATTN: JSX REP
Kingman
AZ
86401
US
Phone: 469-791-7344

Bill To Address

Kingman Aviation
1341 W. Mockingbird Lane
600E
Dallas
TX
75247
US
Phone: 469-791-7335
Email: accounts payable@jsx.com

Vendor / Ship To Address

Hawker Pacific Aerospace
11240 Sherman Wy
Sun Valley
CA
91352

Purchase Agent		Shipping Method	Terms	Order Type	Priority	Order Reason	
Christian Brand		WILL CALL		Repair Order	Scheduled Maintenance	Scheduled Or Unscheduled Maintenance	
Line	Item / Description	Serial No.	Transaction Type	Qty	UOM	Unit Cost	Ext. Cost
1	2309-3002-515 MLG LEG STRUT ELEB - Equipped Leg Strut	247	Overhaul	1	EA	USD	USD
2	2309-2005-007 MLG Shock Absorber Assy	1281	Overhaul	1	EA	USD	USD
3	2309-2600-505 MLG Secondary Side Strut Assy	618	Overhaul	1	EA	USD	USD
4	2309-3037-605 MLG LEG STRUT ELEB - Equipped Trailing Arm	OF-9597937-0	Overhaul	1	EA	USD	USD
5	2309-3002-516 MLG LEG STRUT ELEB - Equipped Leg Strut	247	Overhaul	1	EA	USD	USD
6	2309-2005-001 MLG Shock Absorber Assy	022	Overhaul	1	EA	USD	USD
7	2309-3500-503 MLG Main Side Strut Assembly	482	Overhaul	1	EA	USD	USD
8	2309-2600-507 MLG Secondary Side Strut Assy	903	Overhaul	1	EA	USD	USD
9	2309-3037-403 Trailing arm	OF493547-3101	Overhaul	1	EA	USD	USD
10	1170S0000-01 NLG LEG STRUT LIEBHERR - Assembly	00245	Overhaul	1	EA	USD	USD
11	1172C0000-02 Main Drag Strut Assy	SP649-01	Overhaul	1	EA	USD	USD
12	1173B0000-03 NLG AUXILIARY DRAG STRUT Liebherr - Auxiliary Drag Strut Assy	SP654-01	Overhaul	1	EA	USD	USD
13	2309-3500-503 MLG Main Side Strut Assembly	OF6988270-01	Overhaul	1	EA	USD	USD
Remarks: TOTAL GEAR COST \$ 246,453.00							

Parts Total	USD 0.00
Taxes	USD 0.00
Freight	USD 0.00
Other	USD 0.00
Order Total	USD 0.00

Purchasing Agent	Authorized Signature	Date
Christian Brand		

Shipping Info:
WILL CALL

Order Info:
Aircraft: / SN:
Aircraft Model: EMB-145LR
Invoice No: 9140018430
WP No:



Kingman Aviation
7100 Flightline Dr, ATTN: JSX REP
Kingman, AZ, 86401
Phone: 469-791-7344

Repair Order

Order No.
RO-3180-145501

Account No.

Date
05-Aug-2022



Return To Address

Kingman Aviation
7100 Flightline Dr
ATTN: JSX REP
Kingman
AZ
86401
US
Phone: 469-791-7344

Bill To Address

Kingman Aviation
1341 W. Mockingbird Lane
600E
Dallas
TX
75247
US
Phone: 469-791-7335
Email: accountspayable@jsx.com

Vendor / Ship To Address

Hawker Pacific Aerospace
11240 Sherman Wy
Sun Valley
CA
91352

Purchase Agent

Christian Brand

Shipping Method

WILL CALL

Terms

Order Type

Repair Order

Priority

Scheduled
Maintenance
WO No:

Order Reason

Scheduled Or Unscheduled
Maintenance



Landing Gear Maintenance Report

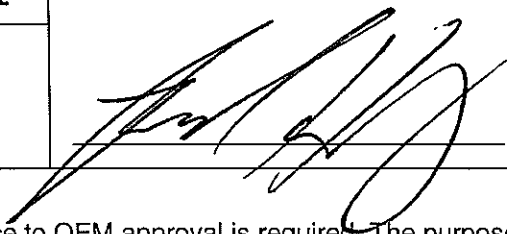
E145 LH MLG LEG STRUT ASSY & SHOCK ABSORBER

Sales Order: 660041923	
Mfg P/N: 2309-3002-615	A/C: N48901
Mfg S/N: 247	MSN: 501
CPN: N/A	PO: RO-3180-145501

Concessions

FAA REPAIR STATION RJ3R817L
EASA: DE.145.0001

IDR 37146

Part Data		Event Data	
Part Description	AXLE, MSS ATTACH	Repair Order	51670965
P/N	2309-3032-003:005TK	Event	L-00516-RMG
S/N	OF.9800033-04	Sales Order	660041606
Customer S/N		Product (A/C Type)	ERJ-145
Detail P/N		Tail Sign	N243JX
Detail S/N		Customer/Operator	101896 JSX
		Customer PO	RO-2844
IDR Details		Additional Data	
IDR Status	CL - Closed	TSN	
IDR Issue Date	18.Aug.2022	CSN	37393.00 CYC
IDR Close Date	21.Oct.2022	OEM Ref.	32-10-01
		OEM	ELEB
Discrepancy			
DIA (2) O/D HAS BEEN MACHINED U/S TO REMOVE CORROSION			
OEM/DER Response			
ELEB-TD 2022-029822		Response date	26.Sep.2022
Customer Response			
NOT REQUIRED		Response date	26.Sep.2022
Engineer / Signature	Date OCT 21 2022	Inspector / Signature	Date 10/21/2022
	Stamp 		Stamp 

IDR 37146

This Document holds no airworthiness approval and reference to OEM approval is required. The purpose of this document is for transmittal of engineering information within the Part 145 production facility only.

IDR 37146

HAWKER PACIFIC
AEROSPACE 

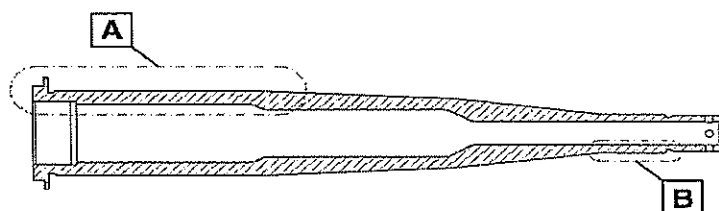
FAA Repair Station RJ3R817L
EASA: DE.145.0001

DIA (2) O/D
HAS BEEN MACHINED U/S TO REMOVE CORROSION

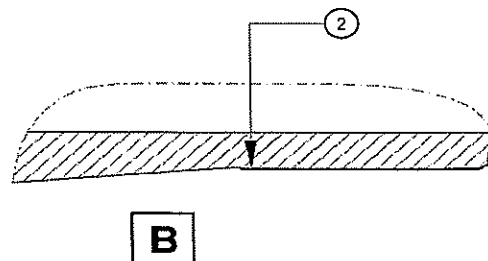
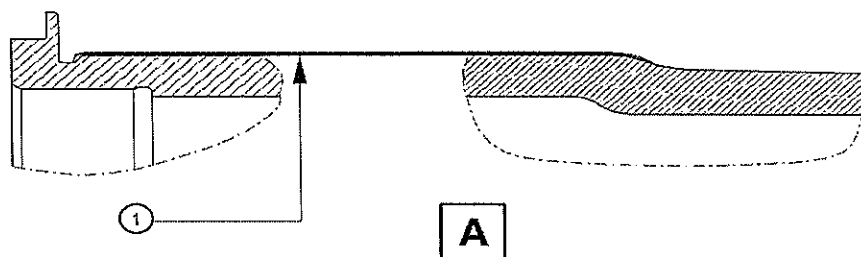
This Document holds no airworthiness approval and reference to OEM approval is required. The purpose of this document is for transmittal of engineering information within the Part 145 production facility only.

Inspection Discrepancy Report (IDR)

IDR Document No. 37146	Rev. No. 0	Date 9/23/2022	Sales Order No. 660041606	Work Order No. 51670965
Part Description AXLE	Part Number 2309-3032-003	Serial Number OF.9800033-04	A/C Type EMB-145	CMM 32-10-01
Detail Part Description N/A	Detail Part Number N/A	Detail Serial Number N/A	A/C Tail No. (MSN) N243JX	
Description To remove corrosion, the subject part's outer diameter (2) was machined beyond the post rework dimensions as indicated the drawing below. All other dimensions within CMM limits.				
Proposed Resolution HPA proposes to: - Restore the OD to design dimension by chrome plating in accordance with Service Bulletin 145-32-0114, if the part is structurally acceptable. - Refinish will be completed per CMM.				



REFERENCE #	1	2
Design Dim.	1.7707 1.7691	0.8256 0.8244
Repair Limit	1.7637 MIN	0.8185 MIN
As Received/ Post Rework	1.7640	0.8162



ALL DIMENSIONS ARE IN INCHES

TODAY'S DATE:	9/23/2022	REPAIR CLASSIFICATION:	Minor
NEED BY/DUE DATE:	9/30/2022	SUBMITTED BY:	HPA Engineering
PART CSN:	37393.00	EMAIL:	eng.concessions@hawker.com
PART TSN:	N/A	PHONE NUMBER:	+1 (818) 765-6201 x 449

**ELEB****CUSTOMER
SUPPORT****ELEB Equipamentos Ltda.**
Rua Itabaiana, 40 – 12237-540 - São José dos Campos - SP – Brazil**Technical Disposition****ELEB-TD 2022-029822**

REV.: /

SUBJECT**EMB-145 - MLG Axle Repair Procedure****CONTACT****To:** Hawker Pacific Aerospace (HPA)
Phone: +1 (818) 765-6201 ext. 449
dario.contreras@hawker.com**From:** ELEB Customer Support Engineering
Phone: + 55 12 3935-5313/5456/5216
technicalsupport.eleb@embraer.com.br**IDENTIFICATION**

Operator / Customer:	A/C:	A/C S/N / REG:	FH:	FC:
Delux Public Charter - JETSUITEX	EMB-145	145345 (N243JX)	N/I	N/I

Part Number:	Part Number S/N:	FH:	FC:	Assembly (NHA) P/N / S/N
2309-3032-003	OF.9800033-04	N/A	37393.00	N/I

REPAIR DATA

Repair Classification: <i>(made by requester)</i>	Minor	Reference:	# B
Permanente Repair?	Yes	Limitation for temporary repair:	Not applicable

RULES

- The technical disposition contained in this document is based solely on the data explicitly reported by the Customer. As no other information was provided by the Customer, ELEB assumes that the area/structural component(s) related to this technical disposition did not have any other previous damage and/or repair incurred to it. Therefore, ELEB disclaims any and all responsibility for incorrect, inaccurate or incomplete information provided by the Customer related to this matter.
- In case of any conflict between this document and any mandatory requirements issued by the Local Regulatory Authority, including but not limited to Airworthiness Directives, the Local Regulatory Authority document/orientation shall prevail.
- The contents herein are intended for information only and do not constitute airworthiness release approval. Any such approval must be given by the owner or operator of the aircraft according to the local regulatory authority procedures.

REFERENCES

- # A: Email received from Mr. Dario Contreras on September 23, 2022;
- # B: Inspection Discrepant Report # IDR 37146;
- # C: CMM TP 145/1170_32-10-01;
- # D: SB 145-32-0114.

REVISION HISTORY

Rev. /: First issue.

**ELEB****CUSTOMER
SUPPORT****ELEB Equipamentos Ltda.**

Rua Itabaiana, 40 – 12237-540 - São José dos Campos - SP – Brazil

Technical Disposition**ELEB-TD 2022-029822**

REV.: /

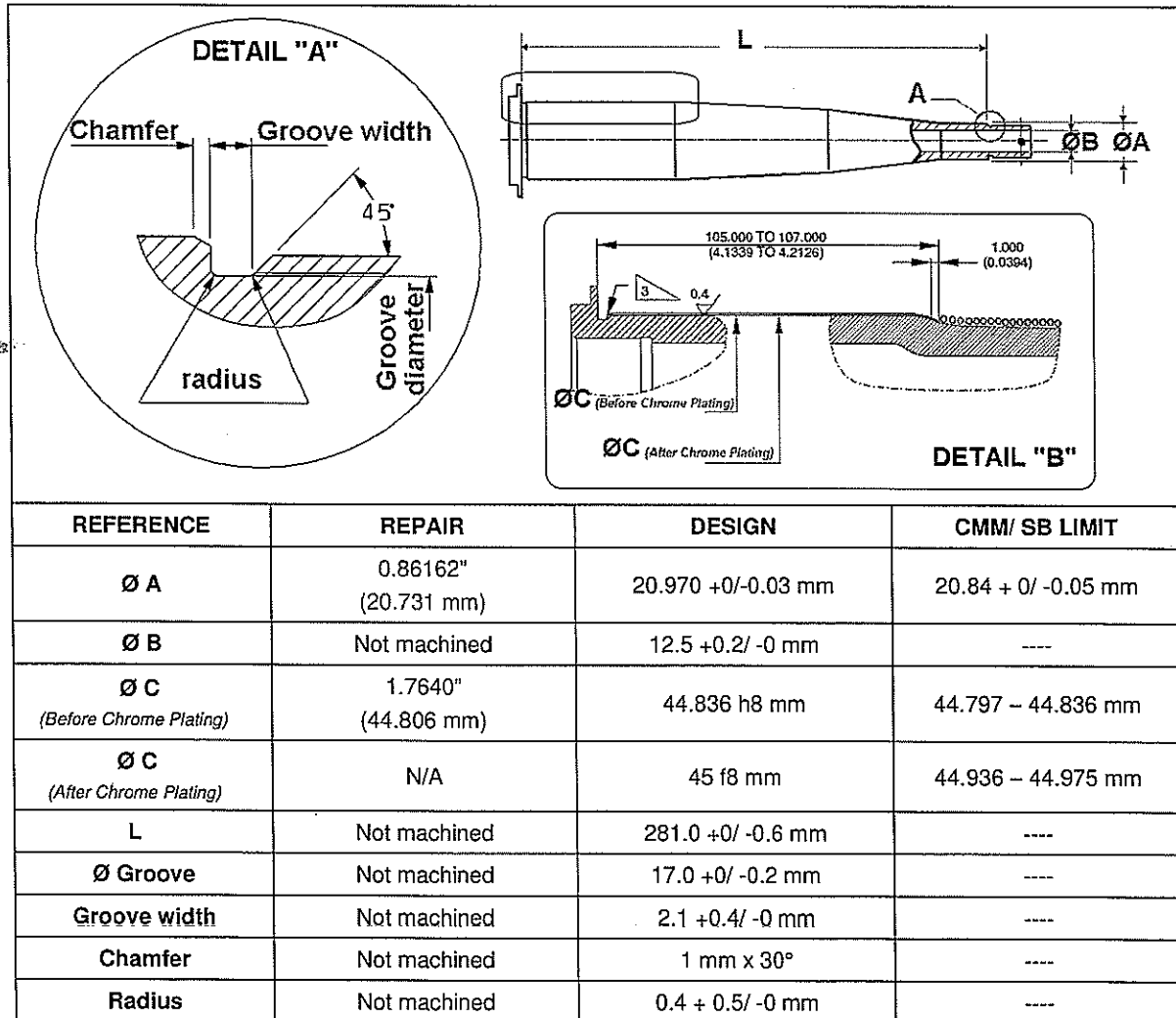
DESCRIPTION / REPORT / REQUEST

As per reported by EAMS through reference # B:

" To remove corrosion, the subject part's outer diameter (2) was machined beyond the post rework dimensions as indicated the drawing below. All other dimensions within CMM limits.

HPA proposes to:

- Restore the OD to design dimension by chrome plating in accordance with Service Bulletin 145-32-0114, if the part is structurally acceptable.
- Refinish will be completed per CMM."



**ELEB****CUSTOMER
SUPPORT****ELEB Equipamentos Ltda.**

Rua Itabaiana, 40 – 12237-540 - São José dos Campos - SP – Brazil

Technical Disposition**ELEB-TD 2022-029822**

REV.: /

TECHNICAL DISPOSITION

Provided that the following instructions are accomplished, ELEB's Engineering states that this Component can be structurally and functionality acceptable to return to service:

1. Refer to CMM TP 145/1170_32-10-01;
2. Perform a NDI according to CMM TP145/1170 _32-10-01 section 501"CHECK";

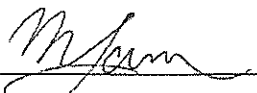
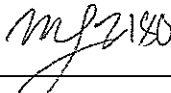
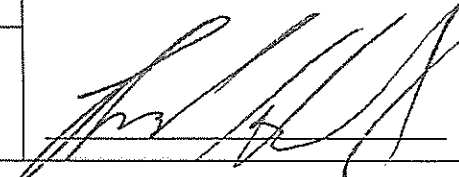
NOTE: Cracks and corrosion are not allowed;

3. If no cracks and corrosion is found, repair the axle according to SB 145-32-0114 or CMM TP 145/1170, section 601 instructions (whichever is applicable);

NOTE: The chrome plating thickness must be enough to reach the final dimension according to figure 01 Sheet 02 of this Service Bulletin (oversize chrome plating will be necessary for this case) or CMM TP 145/1170 – Section 601, Figure 606 - Sheet 2 (whichever is applicable);

4. Restore the axle following the procedures stated in the SB 145-32-0114 or CMM TP 145/1170, section 601 instructions (whichever is applicable).

IDR 37234

Part Data		Event Data	
Part Description	DOOR FITTING ASSY (LH LEG STRUT)	Repair Order	51680175
P/N	2309-2017-501:005TK	Event	L-00528-LMG
S/N	20220811	Sales Order	660041923
Customer S/N		Product (A/C Type)	ERJ-145
Detail P/N	2309-2012-001:001JK	Tail Sign	N48901
Detail S/N		Customer/Operator	101896 JSX
		Customer PO	RO-3180-145501
IDR Details		Additional Data	
IDR Status	CL - Closed	TSN	
IDR Issue Date	31.Aug.2022	CSN	
IDR Close Date	21.Oct.2022	OEM Ref.	32-10-01
		OEM	ELEB
Discrepancy			
DIA. (L2) & (6) MACHINED			
DIA. (L2) & (6) MACHINED BEYOND CMM REPAIR LIMITS TO REMOVE CORROSION			
OEM/DER Response			
ELEB-TD 2022-028344		Response date	09.Sep.2022
ELEB-TD 2022-028344 REV A		Response date	10.Oct.2022
Customer Response			
Customer response not required		Response date	10.Oct.2022
Engineer / Signature	Date	Inspector / Signature	Date
	10/21/2022		21 2022
	Stamp		Stamp
			

IDR 37234

This Document holds no airworthiness approval and reference to OEM approval is required. The purpose of this document is for transmittal of engineering information within the Part 145 production facility only.



Hawker Pacific Aerospace
11240 SHERMAN WAY
SUN VALLEY, CA 91352-4942

HAWKER PACIFIC
AEROSPACE

FAA Repair Station RJ3R817L

Inspection Discrepancy Report (IDR)

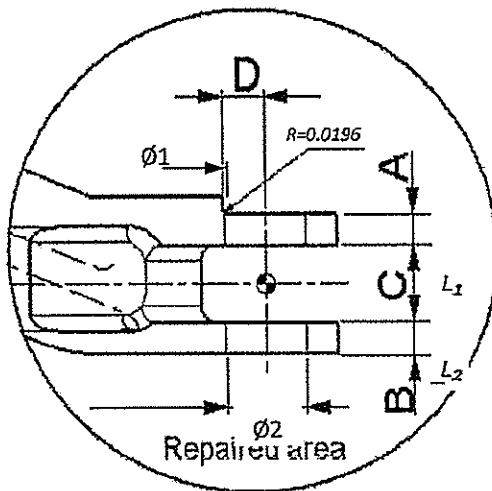
EASA: DE.145.0001

Issue No.: 2

28.SEP.2020

IDR Document No. 37234	Rev. No. 0	Date 9/8/2022	Sales Order No. 660041923	Work Order No. 51680175	
Part Description DOOR FITTING ASSY	Part Number 2309-2017-501		Serial Number N/A	A/C Type ERJ-145	CMM 32-10-01
Detail Part Description DOOR FITTING	Detail Part Number 2309-2012-001		Detail Serial Number N/A	A/C Tail No. (MSN) N48901	
Description Lug thickness L2 machined undersize to remove corrosion. All other dimensions within CMM limits.					
Proposed Resolution If structurally acceptable, HPA proposes: - Perform NDT to ensure defect free condition. - Fabricate and install repair bushings similar to 2309-5006-005 with over size flange to restore back to design dimensions. - Complete rest of repair in accordance with CMM.					

REFERENCE #	BORE (Ø1)	BORE (Ø2)	C	D
Design Dim.	0.6889 0.6897	0.6889 0.6897	0.5748 0.5866	0.3425 0.3651
Repair Limit	0.7360	0.7360	NOT PROVIDED	0.4047
As Received/ Post Rework	0.6900	0.6902	0.5800	0.3700



REFERENCE #	L1	L2
Design Dim.	0.2322 0.2401	0.2322 0.2401
Repair Limit	N/A	N/A
As Received/ Post Rework	0.2376	0.2170

ALL DIMENSIONS ARE IN INCHES

TODAY'S DATE:	9/8/2022	REPAIR CLASSIFICATION:	Minor
NEED BY/DUE DATE:	9/15/2022	SUBMITTED BY:	HPA Engineering
PART CSN:	NOT LIFE LIMITED	EMAIL:	eng_configuration@hawker.com
PART TSN:	NOT LIFE LIMITED	PHONE NUMBER:	+1 (818) 765-6201 x199

**ELEB****CUSTOMER
SUPPORT****ELEB Equipamentos Ltda.**

Rua Itabaiana, 40 – 12237-540 - São José dos Campos - SP – Brazil

Technical Disposition**ELEB-TD 2022-028344****REV.: A****SUBJECT****EMB-145 MLG Door Fitting Repair****CONTACT****To:** Hawker Pacific Aerospace (HPA)
Phone: +1-818- 765-6201 ext. 449
fernando.loza@hawker.com**From:** ELEB Customer Support Engineering
Phone: + 55 12 3935-5313/5456/5216
technicalsupport.eleb@embraer.com.br**IDENTIFICATION**

Operator / Customer:	A/C:	A/C S/N / REG:	FH:	FC:
Delux Public Charter - JETSUITEX	EMB-145	145501 (N48901)	N/I	N/I

Part Number:	Part Number S/N:	FH:	FC:	Assembly (NHA) P/N / S/N
2309-2012-001	N/A	N/A	N/A	2309-2017-501 / N/A

REPAIR DATA

Repair Classification: <i>(made by requester)</i>	Minor	Reference:	# B
Permanente Repair?	Yes	Limitation for temporary repair:	Not applicable

RULES

- The technical disposition contained in this document is based solely on the data explicitly reported by the Customer. As no other information was provided by the Customer, ELEB assumes that the area/structural component(s) related to this technical disposition did not have any other previous damage and/or repair incurred to it. Therefore, ELEB disclaims any and all responsibility for incorrect, inaccurate or incomplete information provided by the Customer related to this matter.
- In case of any conflict between this document and any mandatory requirements issued by the Local Regulatory Authority, including but not limited to Airworthiness Directives, the Local Regulatory Authority document/orientation shall prevail.
- The contents herein are intended for information only and do not constitute airworthiness release approval. Any such approval must be given by the owner or operator of the aircraft according to the local regulatory authority procedures.

REFERENCES

- # A: Email received from Mr. Fernando Loza on September 8, 2022;
- # B: Inspection Discrepant Report # IDR 37234;
- # C: CMM TP 145/1170_32-10-01 Revision 25;
- # D: Structural Report RT # 2309-083426 (Static) & RT # 2309-083427 (Fatigue) – *(For internal reference only)*;
- # E: Hysol EA 9394, Epoxy Paste Adhesive - Technical Data Sheet.
- # F: Email received from Mr. Fernando Loza on October 6, 2022.

REVISION HISTORY

Rev. I: First issue;

Rev. A: To update repair dimensions as requested per reference # F.

**ELEB****CUSTOMER
SUPPORT****ELEB Equipamentos Ltda.**

Rua Itabaiana, 40 – 12237-540 - São José dos Campos - SP – Brazil

Technical Disposition**ELEB-TD 2022-028344****REV.: A****TECHNICAL DISPOSITION**

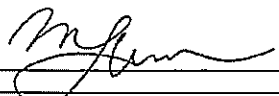
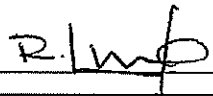
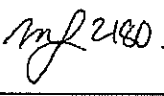
Provided that procedure below is accomplished, ELEB states that the repair performed is structurally acceptable and agrees that this unit return to service:

1. Perform a dye penetrant inspection in the repaired area according to CMM TP145/1170_32-10-01 section 501;

Note: Cracks and corrosion are not allowed;

2. If no cracks and corrosion are found, restore the protective surface coating as per CMM TP145/1170_32-10-01;
3. Apply a coat of epoxy primer (BMS 10-11, Type I, Class A, Grade A, BAC452) to the bores ØA and ØB housing with a thickness from 0.007 to 0.015 mm (0.0003 to 0.0006 in), when dry, according to the item 4.D.(2) procedures;
4. Install the repair bushings according to CMM TP145/1170_32-10-01 instructions;
5. In order to recover the design dimension, do the "Special Restoration" bore Ø C as follows:
 - a. Refer to reference # E, apply an uniform coating of the Epoxy Paste Adhesive, Hysol EA 9394 (Commercially Available) to the repaired bore ID;
 - b. Wait the curing time as per Technical Data Sheet requirements;
6. After curing time, drill the bore Ø C to the design dimension of Ø 8.00 +0.2 mm
7. Perform the remaining restoration activities according to CMM instruction.

IDR 37119**HAWKER PACIFIC**
AEROSPACE**FAA Repair Station RJ3R817L**
EASA: DE.145.0001

Part Data		Event Data	
Part Description	AXLE, TRUNNION	Repair Order	51681429
P/N	2309-3025-001:005TK	Event	L-00528-LMG
S/N	OF3602497-12	Sales Order	660041923
Customer S/N		Product (A/C Type)	ERJ-145
Detail P/N		Tail Sign	N48901
Detail S/N		Customer/Operator	101896 JSX
		Customer PO	RO-3180-145501
IDR Details		Additional Data	
IDR Status	CL - Closed	TSN	
IDR Issue Date	16.Aug.2022	CSN	
IDR Close Date	05.Oct.2022	OEM Ref.	32-10-01
		OEM	ELEB
Discrepancy			
CROSS BORES (B) O/S CROSS BORES (B) RECEIVED O/S AT STEP 1			
OEM/DER Response			
ELEB-TD 2022-026748		Response date	24.Aug.2022
Customer Response			
No customer response required		Response date	24.Aug.2022
Engineer / Signature	Date	Inspector / Signature	Date
	10/5/2022		OCT 21 2022
	Stamp		Stamp
			

IDR 37119

This Document holds no airworthiness approval and reference to OEM approval is required. The purpose of this document is for transmittal of engineering information within the Part 145 production facility only.



**CUSTOMER
SUPPORT**

ELEB Equipamentos Ltda.

Rua Itabaiana, 40 – 12237-540 - São José dos Campos - SP – Brazil

Technical Disposition

ELEB-TD 2022-026748

REV.: /

SUBJECT

EMB-145 - MLG Trunnion Axle Repair Procedure

CONTACT

To: Hawker Pacific Aerospace (HPA)
Phone: +1-818- 765-6201 ext. 449
fernando.loza@hawker.com

From: ELEB Customer Support Engineering
Phone: + 55 12 3935-5313/5456/5216
technicalsupport.eleb@embraer.com.br

IDENTIFICATION

Operator / Customer:	A/C:	A/C S/N / REG:	FH:	FC:
Delux Public Charter - JETSUITEX	EMB-145	145501 (N48901)	N/I	N/I
Part Number:	Part Number S/N:	FH:	FC:	Assembly (NHA) P/N / S/N
2309-3025-001	OF3602497-12	43014:12	33573.00	N/I

REPAIR DATA

Repair Classification: <i>(made by requester)</i>	Minor	Reference:	# B
Permanente Repair?	Yes	Limitation for temporary repair:	Not applicable

RULES

- The technical disposition contained in this document is based solely on the data explicitly reported by the Customer. As no other information was provided by the Customer, ELEB assumes that the area/structural component(s) related to this technical disposition did not have any other previous damage and/or repair incurred to it. Therefore, ELEB disclaims any and all responsibility for incorrect, inaccurate or incomplete information provided by the Customer related to this matter.
- In case of any conflict between this document and any mandatory requirements issued by the Local Regulatory Authority, including but not limited to Airworthiness Directives, the Local Regulatory Authority document/orientation shall prevail.
- The contents herein are intended for information only and do not constitute airworthiness release approval. Any such approval must be given by the owner or operator of the aircraft according to the local regulatory authority procedures.

REFERENCES

- # A: E-mail received from Mr. Fernando Loza on August 22, 2022;
- # B: Inspection Discrepancy Report # IDR 37119;
- # C: CMM TP 145/1170_32-10-01 - Section 801 - Figure 801 - item 15.

Rev. /: First Issue.

TECHNICAL DISPOSITION

Provided that the following instructions are accomplished, ELEB's Engineering states that the MLG Trunnion Axle reported on this document can be structurally and functionality acceptable to return to service:

1. Refer to CMM TP 145/1170_32-10-01;
2. Do the stress relief of the part at a temperature of $190^{\circ}\text{C} \pm 5^{\circ}\text{C}$ ($374^{\circ}\text{F} \pm 9^{\circ}\text{F}$) for 4 hours minimum, within 8 hours after the machining process is completed;
3. Perform NDT inspection as per CMM instructions and make sure the part is free from crack and corrosion;
4. Restore the surface protection per CMM instructions as required;

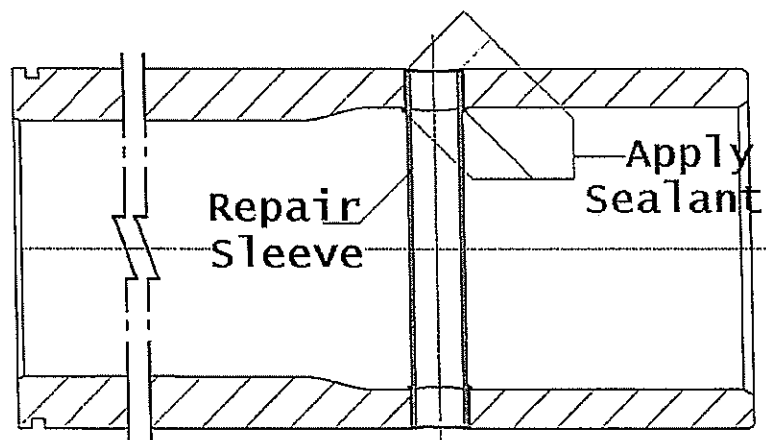
Note: In case of Chrome Plating Layer is below the allowed "In Service Wear Limits" (Reference # C) do the plating restoration as per CMM TP 145/1170_32-10-01.

5. Using an airbrush, apply a coat of green epoxy primer to the repaired housing bores with a thickness of 0.007 to 0.015 mm (0.0003 to 0.0006 in) when dry as per CMM instructions;
6. In order to restore the proper fitting between cross bolt and trunnion axle bore an installation of a repair sleeve is necessary. The parameters for repair sleeve manufacturing are attached on the end of this document - Refer to Appendix A;
7. Apply a continuous coat of corrosion inhibitive compound Mastinox 6856K in the housing bores;

Note: The Corrosion Inhibitive Compound CA-1000 or COR-BAN 27L can be used as alternative.

8. Install the repair sleeve by thermal fit insertion method (ISO Tolerance p7, H7);

Note: In order to prevent damages in the Leg Strut trunnion inner bores the repair sleeve cannot transposes the axle. Adjust the length if necessary. See sketch below for reference:



**ELEB****CUSTOMER
SUPPORT****ELEB Equipamentos Ltda.**

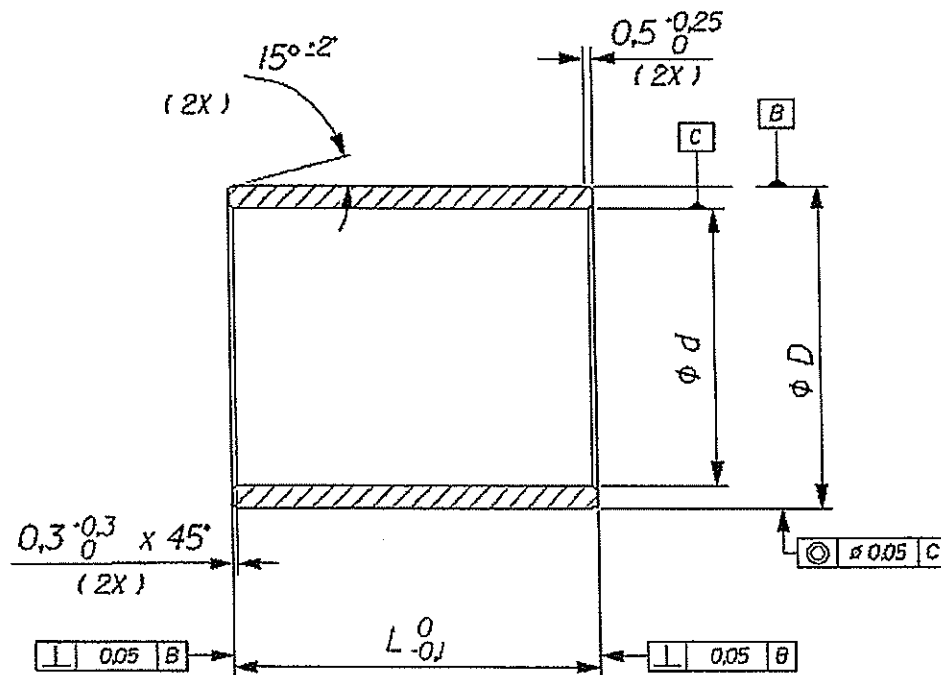
Rua Itabaiana, 40 – 12237-540 - São José dos Campos - SP – Brazil

Technical Disposition**ELEB-TD 2022-026748**

REV.: /

APPENDIX A - REPAIR SLEEVE SKETCH

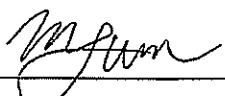
Bushing Parameters					
Material	Heat Treatment	Tensile Strength	Yield Strength	Elongation	Hardness
Stainless Steel 15-5PH AMS 5659	AMS 2759 or AMS-H-6875A	≥ 1310 MPa	≥ 1172 MPa	≥ 10%	40 to 47 HRC
Dimensions and Tolerances					
Ø d	Ø D			L (+0/-0.1 mm)	
9.5 + 0.06/-0 mm	Cross bolt ID + ISO tolerance p7 mm (Ø D = Ø ID + 0.018/+0.036 mm)			L = 57 mm	

**Note 1:** Roughness Ra = 1.6 except were indicated**Note 2:** Apply dye penetrant method as per ASTM E1417**Note 3:** Surface Treatment Passivation - AMS 2700, type II (entire part) + Cadmium Plating -AMS-QQ-P-416 type II class 2 – (only OD)

Dimensions are in millimeters

R 37118

HAWKER PACIFIC
AEROSPACEFAA Repair Station RJ3R817L
EASA: DE.145.0001

Part Data		Event Data	
Part Description	AXLE, TRUNNION	Repair Order	51681430
P/N	2309-3025-001:005TK	Event	L-00528-LMG
S/N	OF3288625-09	Sales Order	660041923
Customer S/N		Product (A/C Type)	ERJ-145
Detail P/N		Tail Sign	N48901
Detail S/N		Customer/Operator	101896 JSX
		Customer PO	RO-3180-145501
IDR Details		Additional Data	
IDR Status	CL - Closed	TSN	
IDR Issue Date	16.Aug.2022	CSN	
IDR Close Date	05.Oct.2022	OEM Ref.	32-10-01
		OEM	ELEB
Discrepancy			
CROSS BORES (B) O/S CROSS BORES (B) RECEIVED O/S AT STEP 1			
OEM/DER Response			
ELEB-TD 2022-026750		Response date	24.Aug.2022
Customer Response			
No customer response required		Response date	24.Aug.2022
Engineer / Signature	Date	Inspector / Signature	Date
	10/5/2022		10/21/22
	Stamp 		Stamp 

IDR 37118

This Document holds no airworthiness approval and reference to OEM approval is required. The purpose of this document is for transmittal of engineering information within the Part 145 production facility only.

IDR 37118

HAWKER PACIFIC
AEROSPACE 

FAA Repair Station RJ3R817L
EASA: DE.145.0001

CROSS BORES (B) O/S
CROSS BORES (B) RECEIVED O/S AT STEP 1

This Document holds no airworthiness approval and reference to OEM approval is required. The purpose of this document is for transmittal of engineering information within the Part 145 production facility only.

**ELEB****CUSTOMER
SUPPORT****ELEB Equipamentos Ltda.**

Rua Itabaiana, 40 – 12237-540 - São José dos Campos - SP – Brazil

Technical Disposition**ELEB-TD 2022-026750**

REV.: /

SUBJECT**EMB-145 - MLG Trunnion Axle Repair Procedure****CONTACT**

To: Hawker Pacific Aerospace (HPA)
Phone: +1-818- 765-6201 ext. 449
fernando.loza@hawker.com

From: ELEB Customer Support Engineering
Phone: + 55 12 3935-5313/5456/5216
technicalsupport.eleb@embraer.com.br

IDENTIFICATION

Operator / Customer:	A/C:	A/C S/N / REG:	FH:	FC:
Delux Public Charter - JETSUITEX	EMB-145	145501 (N48901)	N/I	N/I
Part Number:	Part Number S/N:	FH:	FC:	Assembly (NHA) P/N / S/N
2309-3025-001	OF3288625-09	43014:12	33573.00	N/I

REPAIR DATA

Repair Classification: <i>(made by requester)</i>	Minor	Reference:	# B
Permanente Repair?	Yes	Limitation for temporary repair:	Not applicable

RULES

- The technical disposition contained in this document is based solely on the data explicitly reported by the Customer. As no other information was provided by the Customer, ELEB assumes that the area/structural component(s) related to this technical disposition did not have any other previous damage and/or repair incurred to it. Therefore, ELEB disclaims any and all responsibility for incorrect, inaccurate or incomplete information provided by the Customer related to this matter.
- In case of any conflict between this document and any mandatory requirements issued by the Local Regulatory Authority, including but not limited to Airworthiness Directives, the Local Regulatory Authority document/orientation shall prevail.
- The contents herein are intended for information only and do not constitute airworthiness release approval. Any such approval must be given by the owner or operator of the aircraft according to the local regulatory authority procedures.

REFERENCES

- # A: E-mail received from Mr. Fernando Loza on August 22, 2022;
- # B: Inspection Discrepancy Report # IDR 37118;
- # C: CMM TP 145/1170_32-10-01 - Section 801 - Figure 801 - item 15.

Rev. /: *First issue.*

**ELEB****CUSTOMER
SUPPORT****ELEB Equipamentos Ltda.**

Rua Itabaiana, 40 – 12237-540 - São José dos Campos - SP – Brazil

Technical Disposition**ELEB-TD 2022-026750**

REV.: /

TECHNICAL DISPOSITION

Provided that the following instructions are accomplished, ELEB's Engineering states that the MLG Trunnion Axle reported on this document can be structurally and functionality acceptable to return to service:

1. Refer to CMM TP 145/1170_32-10-01;
2. Do the stress relief of the part at a temperature of $190^{\circ}\text{C} \pm 5^{\circ}\text{C}$ ($374^{\circ}\text{F} \pm 9^{\circ}\text{F}$) for 4 hours minimum, within 8 hours after the machining process is completed;
3. Perform NDT inspection as per CMM instructions and make sure the part is free from crack and corrosion;
4. Restore the surface protection per CMM instructions as required;

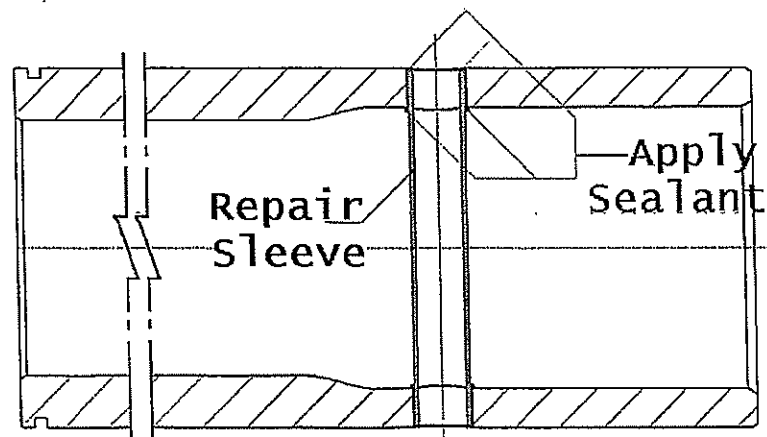
Note: In case of Chrome Plating Layer is below the allowed "In Service Wear Limits" (Reference # C) do the plating restoration as per CMM TP 145/1170_32-10-01.

5. Using an airbrush, apply a coat of green epoxy primer to the repaired housing bores with a thickness of 0.007 to 0.015 mm (0.0003 to 0.0006 in) when dry as per CMM instructions;
6. In order to restore the proper fitting between cross bolt and trunnion axle bore an installation of a repair sleeve is necessary. The parameters for repair sleeve manufacturing are attached on the end of this document - Refer to Appendix A;
7. Apply a continuous coat of corrosion inhibitive compound Mastinox 6856K in the housing bores;

Note: The Corrosion Inhibitive Compound CA-1000 or COR-BAN 27L can be used as alternative.

8. Install the repair sleeve by thermal fit insertion method (ISO Tolerance p7, H7);

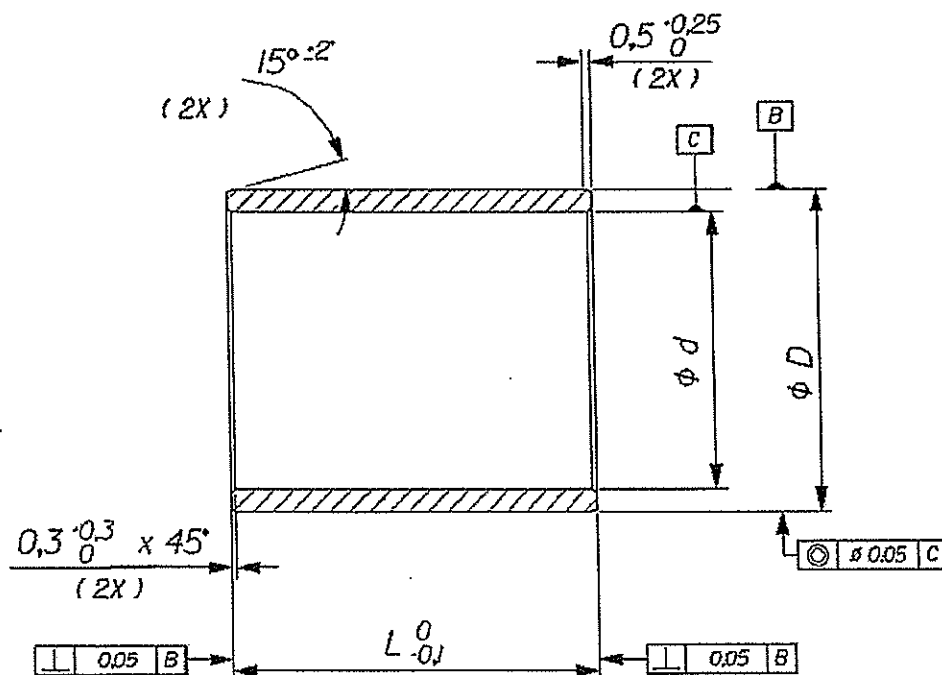
Note: In order to prevent damages in the Leg Strut trunnion inner bores the repair sleeve cannot transposes the axle. Adjust the length if necessary. See sketch below for reference:



APPENDIX A - REPAIR SLEEVE SKETCH

Bushing Parameters					
Material	Heat Treatment	Tensile Strength	Yield Strength	Elongation	Hardness
Stainless Steel 15-5PH AMS 5659	AMS 2759 or AMS-H-6875A	≥ 1310 MPa	≥ 1172 MPa	≥ 10%	40 to 47 HRC

Dimensions and Tolerances		
Ø d	Ø D	L (+0/- 0.1 mm)
9.5 + 0.06/- 0 mm	Cross bolt ID + ISO tolerance p7 mm (Ø D = Ø ID + 0.018/+0.036 mm)	L = 57 mm



Note 1: Roughness $R_a = 1.6$ except were indicated

Note 2: Apply dye penetrant method as per ASTM E1417

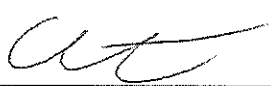
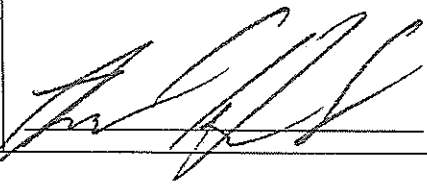
Note 3: Surface Treatment Passivation - AMS 2700, type II (entire part) + Cadmium Plating -AMS-QQ-P-416 type II class 2 – (only OD)

Dimensions are in millimeters

IDR 37157

HAWKER PACIFIC
AEROSPACE

FAA Repair Station RJ3R817L
EASA: DE.145.0001

Part Data		Event Data	
Part Description	PISTON TUBE - ASSEMBLY	Repair Order	51684506
P/N	2309-2057-003:005TK	Event	L-00530-LMG
S/N	OF3047758/02	Sales Order	660041980
Customer S/N		Product (A/C Type)	ERJ-145
Detail P/N	2309-2058-001:005TK	Tail Sign	N11535
Detail S/N	OF147461-2/2	Customer/Operator	101896 JSX
		Customer PO	RO-3197-11535
IDR Details		Additional Data	
IDR Status	CL - Closed	TSN	39198.08 FH
IDR Issue Date	19.Aug.2022	CSN	33823.00 CYC
IDR Close Date	20.Oct.2022	OEM Ref.	32-10-02
		OEM	ELEB
Discrepancy			
LEVEL TUBE BORE MACHINED O.S TO REMOVE C			
OEM/DER Response			
ELEB-TD 2022-027618		Response date	02.Sep.2022
Customer Response			
CUSTOMER RESPONSE NOT REQUIRED FOR JSX		Response date	20.Oct.2022
Engineer / Signature	Date	Inspector / Signature	Date
	10/20/22		20 20 2022
	Stamp		Stamp
			

IDR 37157

This Document holds no airworthiness approval and reference to OEM approval is required. The purpose of this document is for transmittal of engineering information within the Part 145 production facility only.

IDR 37157

HAWKER PACIFIC
AEROSPACE 

FAA Repair Station RJ3R817L
EASA: DE.145.0001

LEVEL TUBE BORE MACHINED O.S TO REMOVE CORROSION

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Hawker Pacific Aerospace
11240 SHERMAN WAY
SUN VALLEY, CA 91352-4942



FAA Repair Station RJ3R817L

EASA: DE.145.0001

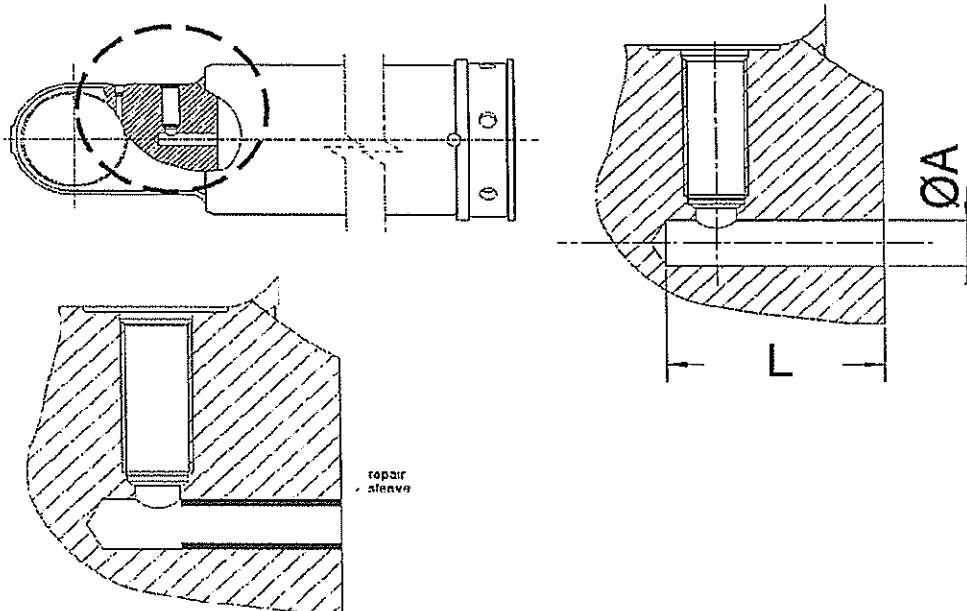
Issue No.: 2

28.SEP.2020

Inspection Discrepancy Report (IDR)

IDR Document No. 37157	Rev. No.	Date 8/31/2022	Sales Order No. 660041980	Work Order No. 51684506	
Part Description PISTON TUBE ASSY	Part Number 2309-2057-003		Serial Number OF3047758/02	A/C Type EMB-145	CMM 32-10-02
Detail Part Description PISTON TUBE	Detail Part Number 2309-2058-001		Detail Serial Number OF147461-2/2	A/C Tail No. (MSN) N11535	
Description Level tube bore machined to remove corrosion. All other dimensions within CMM limits.					
Proposed Resolution 1. Perform stress relief of the part at a temperature of 190°C ± 5°C (374°F ± 9°F) for 4 hours minimum, within 8 hours after grinding. 2. Perform NDT per CMM. 3. Shot peen reworked area per CMM. 4. Fabricate and install a repair sleeve to restore inner diameter. 5. Restoration and refinish in accordance with the CMM.					

REFERENCE #	ØA	L
Design Dim.	0.3937	1.6929
	0.3951	1.7322
As Received/ Post Rework	0.4660	1.8500



ALL DIMENSIONS ARE IN INCHES

TODAY'S DATE:	8/31/2022	REPAIR CLASSIFICATION:	Minor
NEED BY/DUE DATE:	9/7/2022	SUBMITTED BY:	HPA Engineering
PART CSN:	33823.00	EMAIL:	eng.concessions@hawker.com
PART TSN:	39198:05	PHONE NUMBER:	+1 (818) 765-6201

**ELEB****CUSTOMER
SUPPORT****ELEB Equipamentos Ltda.**
Rua Itabaiana, 40 – 12237-540 - São José dos Campos - SP – Brazil**Technical Disposition****ELEB-TD 2022-027618**

REV.: /

SUBJECT**EMB-145 MLG S. Abs. Piston Tube Repair****CONTACT****To:** Hawker Pacific Aerospace (HPA)
Phone: +1 818-765-6201 x449
fernando.loza@hawker.com**From:** ELEB Customer Support Engineering
Phone: + 55 12 3935-5313/5456/5216
technicalsupport.eleb@embraer.com.br**IDENTIFICATION**

Operator / Customer:	A/C:	A/C S/N / REG:	FH:	FC:
N/I	EMB-145	145518 (N11535)	N/I	N/I

Part Number:	Part Number S/N:	FH:	FC:	Assembly (NHA) P/N / S/N
2309-2058-001	OF147461-2/2	39198:05	33823.00	2309-2057-003 / OF3047758/02

REPAIR DATA

Repair Classification: <i>(made by requester)</i>	Minor	Reference:	# B
Permanente Repair?	Yes	Limitation for temporary repair:	Not applicable

RULES

- The technical disposition contained in this document is based solely on the data explicitly reported by the Customer. As no other information was provided by the Customer, ELEB assumes that the area/structural component(s) related to this technical disposition did not have any other previous damage and/or repair incurred to it. Therefore, ELEB disclaims any and all responsibility for incorrect, inaccurate or incomplete information provided by the Customer related to this matter.
- In case of any conflict between this document and any mandatory requirements issued by the Local Regulatory Authority, including but not limited to Airworthiness Directives, the Local Regulatory Authority document/orientation shall prevail.
- The contents herein are intended for information only and do not constitute airworthiness release approval. Any such approval must be given by the owner or operator of the aircraft according to the local regulatory authority procedures.

REFERENCES

- # A: E-mail received from Mr. Fernando Loza on August 31, 2022;
- # B: Inspection Discrepant Report # IDR 37157;
- # C: Engineering Disposition # QM 200091420 *(For internal reference only)*.

REVISION HISTORY

Rev. 1: First issue.



**CUSTOMER
SUPPORT**

ELEB Equipamentos Ltda.

Rua Itabaiana, 40 – 12237-540 - São José dos Campos - SP – Brazil

Technical Disposition

ELEB-TD 2022-027618

REV.: /

TECHNICAL DISPOSITION

Provided that procedure below is accomplished ELEB agrees that this component is structurally and functionally acceptable to return to service:

- 1) Do the stress relief of the part at a temperature of $190^{\circ}\text{C} \pm 5^{\circ}\text{C}$ ($374^{\circ}\text{F} \pm 9^{\circ}\text{F}$) for 4 hours minimum, within 8 hours after the grinding process is completed;
- 2) Perform NDT inspection as per instructions and make sure the part is free from cracks and corrosion;
- 3) Shot peen with shot, cast steel, size S-230, type I, and intensity 0.006A/0.010 almen A, the coverage 200 % minimum. Refer to AMS 2430 standard;
- 4) Manufacture a Repair Sleeve (for bore $\varnothing A$) according to APPENDIX I;
- 5) Install Repair Sleeve in order to restore the original diameter $\varnothing 10.000 - 10.036$ mm according to the figure below:

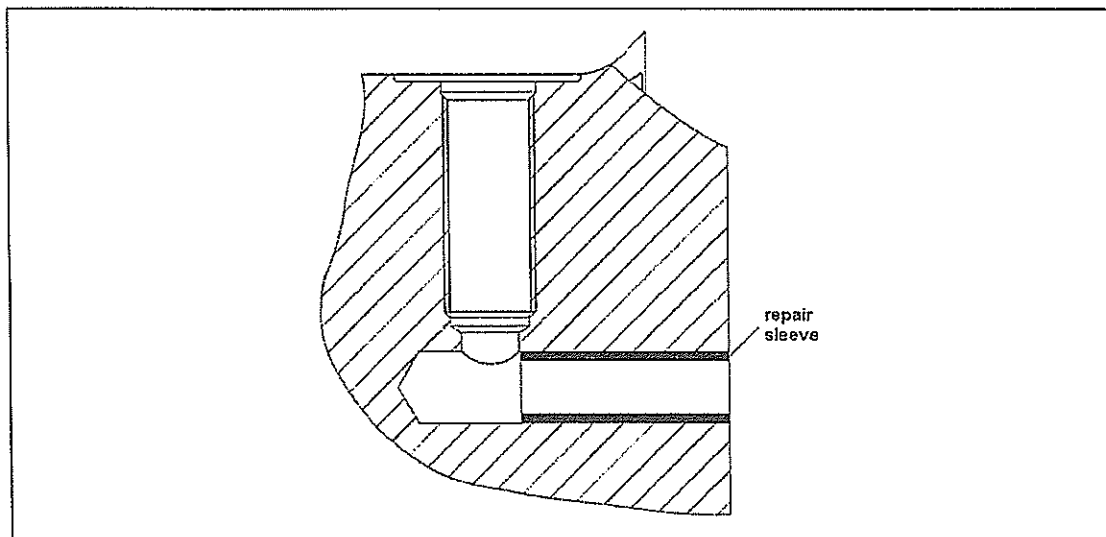


Figure 02 - Sleeve installation

- 6) Remaining activities must be performed as per CMM 32-10-02 instructions as required.

REMARK:

If the hydrogen embrittlement relief (Refer to AMS 2759/9), required after the Cadmium Plating Restoration or/and Chrome Plating Restoration was done respecting the required delay time for the applicable process as per CMM specifications and the part was successfully approved by the NDT, it is not necessary to do the stress relief treatment (Step 1 above).



Hawker Pacific Aerospace
11240 SHERMAN WAY
SUN VALLEY, CA 91352-4942

HAWKER PACIFIC
AEROSPACE

FAA Repair Station RJ3R817L

EASA: DE.145.0001

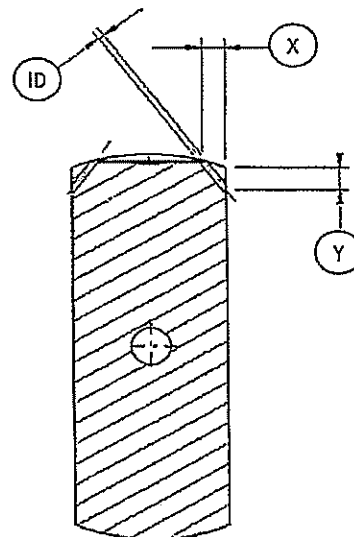
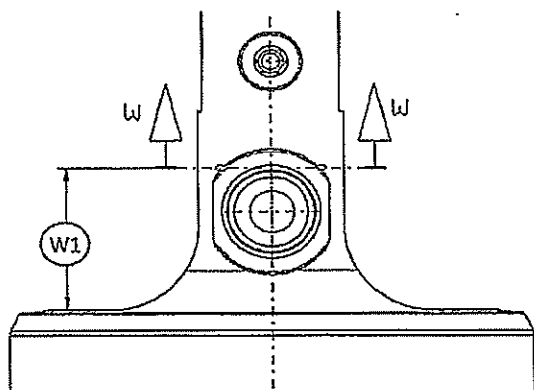
Issue No.: 2

28.SEP.2020

Inspection Discrepancy Report (IDR)

IDR Document No. 37157	Rev. No. 13	Date 9/30/2015	Sales Order No. 660041980	Work Order No. 51684506	
Part Description PISTON TUBE ASSY	Part Number 2309-2057-003		Serial Number OF3047758/02	A/C Type EMB-145	CMM 32-10-02
Detail Part Description PISTON TUBE	Detail Part Number 2309-2058-001		Detail Serial Number OF147461-2/2	A/C Tail No. (MSN) N11535	
Description (see page 1)					
Proposed Resolution (see page 1)					

REFERENCE #	W1	ID	X	Y
Design Dim.	1.3425 1.3346	0.0709 0.0512	0.2362 0.1969	0.2362 0.1969
Repair Limit	NOT APPLICABLE	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE
As Received/ Post Rework	1.3400	0.0680	0.200	0.1970



Section view W-W

ALL DIMENSIONS ARE IN INCHES

ORIGINATED BY:				RECORDED BY:			
STAMP	HPI 254 MFG	DATE	SEP 23 2022	STAMP	1230 OPER	DATE	09-24-22



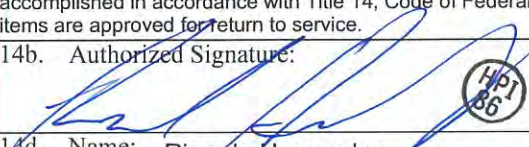
Landing Gear Maintenance Report

E145 LH MLG LEG STRUT ASSY & SHOCK ABSORBER

Sales Order: 660041923	
Mfg P/N: 2309-3002-615	A/C: N48901
Mfg S/N: 247	MSN: 501
CPN: N/A	PO: RO-3180-145501

Certificates for Replaced Parts (with Traceability)

FAA REPAIR STATION RJ3R817L
EASA: DE.145.0001

1. Approving Civil Aviation Authority / Country FAA / United States		AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, Airworthiness Approval Tag				3. Form Tracking Number: 158308	
4. Organization Name and Address:		 Hawker Pacific Aerospace Repair Station No. RJ3R817L 11240 Sherman Way Sun Valley, CA. 91352				5. Work Order/Contract/Invoice No./P.O.: 660041888 / 51690327 / / PO-8798	
6. Item	7. Description	8. Part Number	9. Quantity	10. Serial Number	11. Status/Work		
1	LEG STRUT EQUIPPED-LR (LH)	2309-3014-601	1	1382148/01	OVERHAULED		
12. Remarks: Life Details: CSN: 29354.00 TSO: ZERO CSO: 9561.00 OVERHAULED IN ACCORDANCE WITH ELEB CMM 32-10-01 REV. 25 DATED 30MAR2021 PREVIOUS OPERATOR: JSX, A/C: N245JX NON-PROCURABLE P/N: 2309-3006-601 SN:OF 0472679.01							
13a. Certifies the items identified above were manufactured in conformity to: ☐ Approved design data and are in condition for safe operation. ☐ Non-approved design data specified in Block 12.				14a. ☒ 14 CFR 43.9 Return to Service ☐ Other regulation specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.			
13b. Authorized Signature:		13c. Approval / Authorization No.:		14b. Authorized Signature:		14c. Approval Certificate No.:	
				 		RJ3R817L	
13d. Name:		13e. Date:		14d. Name: Ricardo Hernandez		14e. Date: (dd/mm/yyyy) 21.Oct.2022	
USER / INSTALLER RESPONSIBILITIES							
Note: 1). It is important to understand that the existence of the document alone does not automatically constitute authority to install the part/component/assembly. 2) Where the user/installer works in accordance with the national regulations of an Airworthiness Authority different than the Airworthiness Authority of the country specified in block 1, it is essential that the user/installer ensures that his/her Airworthiness Authority accepts parts/components/assemblies from the Airworthiness Authority of the country specified in block 1. 3) Statements 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance record must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.							

Evaluation Report

HAWKER PACIFIC AEROSPACE

FAA Repair Station RJ3R817L



Hawker Pacific Aerospace
11240 Sherman Way
Sun Valley, CA. 91352 USA
Tel: (818) 765-6201
Fax: (818) 765-4158

Event: XL-00527-LMG Sales Order: 660041888
Repair Order: 51690327 Receipt Date:
Customer JSX
Customer P.O. PO-8798
Urgency Tail # N245JX

Receiving Planner Work Order Information

Qty	P.O. Part Number	Description	Serial Number	Manufacturer		Eligibility
1	2309-3014-503	LEG STRUT EQUIPPED-LR (LH)	1382148/01	ELEB - EQUIPAMENTOS LTDA DO BRASIL		ERJ 140/145
Customer Reported Discrepancy			CSO	CSN	TSO	TSN
NONE			9561.00	29354.00		
Warranty		N/A				
Customer Instructions		OVERHAUL				

Initial Evaluation Results

UNIT RECEIVED IN NORMAL WEAR CONDITION OVERHAUL IAW CMM.

Initial Test

Repair Action Description

Work accomplished

OVERHAULED IN ACCORDANCE WITH ELEB CMM 32-10-01 REV.25 DATED 30MAR2021
CSO/TSO: ZERO

PREVIOUS OPERATOR: JSX, A/C: N245JX
NON-PROCURABLE P/N: 2309-3006-601 SN:OF 0472679.01

ISSUE TO SALES ORDER 660041923

Repair Action Descr. created by	U588484	Print by:	U588484	Print at:	Oct 19, 2022
As shipped Part Number	2309-3014-601	S / N	1382148/01	Publication	32-10-01

CUSTOMER: JSX

PART NUMBER: 2309-3002-515

SERIAL NUMBER: 187

Assembly CSN: 29,354

Assembly CSO: 9,561

Date of Last Overhaul: 6/11/2010

Date Removed: 5-Aug-22

Sub Part details

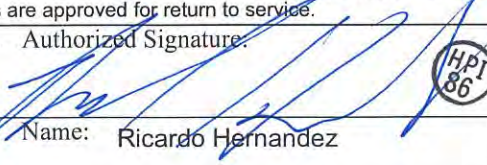
Part No received	Nomenclature	Actual Serial Number from records	Life Limit	CSN	Cy Rem
2309-3014-503 2309-3006-501	LH MLG Leg Strut ELEB	1382148/01 0472679/01	60,000	29,354	30,646
2309-3014-504 2309-3006-502	RH MLG Leg Strut ELEB		60,000		
2309-3037-401 2309-3009-503	Trailing Arm	1046174/01 8180759/01	60,000	29,354	30,646
2309-3025-001	Trunnion Axle	9799945/02	60,000	29,354	30,646
2309-3025-001	Trunnion Axle	9799945/09	60,000	29,354	30,646
2309-2029-001	Shock Absorber Attachment Axle	6500884/32	60,000	29,354	30,646
2309-2029-001	Shock Absorber Attachment Axle	1239628/023	60,000	9,561	50,439
2309-3032-001	Main Side Strut Attachment Axle (Pivot Pin)		60,000		
2309-3032-003	Main Side Strut Attachment Axle (Pivot Pin)	0826167/02	60,000	29,354	30,646
2309-3032-005	Main Side Strut Attachment Axle (Pivot Pin)		60,000		
2309-2041-401 2309-2048-005	Cardan Joint	1623061/05 0538740/06	60,000	29,354	30,646
2309-2041-401	Cardan Joint		60,000		
2309-2041-001	Cardan Joint		15,760		
2309-2048-001	Cardan Axle		60,000		
2309-2050-001	Cardan Axle	0109953/38	60,000	29,354	30,646
2309-2050-003	Cardan Axle		60,000		
2309-2050-601	Trailing Arm Axle (Left)	0671207/01	60,000	29,354	30,646
2309-3055-001	Trailing Arm Axle (Right)		60,000		
2309-3040-001	Wheel Axle	3602269/01	60,000	21,568	38,432
2309-2005-001	Shock Absorber Assy		60,000		
2309-2005-003	Shock Absorber Assy		60,000		
2309-2005-005	Shock Absorber Assy		60,000		
2309-2005-007	Shock Absorber Assy		60,000		
2309-2057-001 2309-2058-001	Piston Tube		60,000		
2309-2064-005 2309-2056-005	Cylinder		60,000		
2309-2066-001	Bearing Cap		60,000		
2309-2082-001	Bearing Cap		60,000		

Customer Name Signature

James Weaver
Chief Inspector

Customer Title

Date Created 10/19/2022

1. Approving Civil Aviation Authority / Country FAA / United States		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, Airworthiness Approval Tag				3. Form Tracking Number: 158310	
4. Organization Name and Address:  HAWKER PACIFIC AEROSPACE Hawker Pacific Aerospace Repair Station No. RJ3R817L 11240 Sherman Way Sun Valley, CA. 91352		5. Work Order/Contract/Invoice No./P.O.: 660041606 / 51670965 / / RO-2844					
6. Item	7. Description	8. Part Number	9. Quantity	10. Serial Number	11. Status/Work		
1	AXLE, MSS ATTACH	2309-3032-005	1	OF.9800033-04	OVERHAULED		
12. Remarks: Life Details: CSN: 37393.00 TSO: ZERO CSO: 11439.00 OVERHAULED IN ACCORDANCE WITH 32-10-01 ELEB REV. 25 DATED 30MAR2021. COMPLIED WITH ELEB-TD 2022-029822 DATED 26SEPT2022. PREVIOUS OPERATOR: JSX, A/C: N243JX							
13a. Certifies the items identified above were manufactured in conformity to: ☐ Approved design data and are in condition for safe operation. ☐ Non-approved design data specified in Block 12.			14a. ☒ 14 CFR 43.9 Return to Service ☐ Other regulation specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.				
13b. Authorized Signature:		13c. Approval / Authorization No.:		14b. Authorized Signature:  HPI 86		14c. Approval Certificate No.: RJ3R817L	
13d. Name:		13e. Date:		14d. Name: Ricardo Hernandez		14e. Date: (dd/mmm/yyyy) 21.Oct.2022	
USER / INSTALLER RESPONSIBILITIES							
Note: 1). It is important to understand that the existence of the document alone does not automatically constitute authority to install the part/component/assembly. 2) Where the user/installer works in accordance with the national regulations of an Airworthiness Authority different than the Airworthiness Authority of the country specified in block 1, it is essential that the user/installer ensures that his/her Airworthiness Authority accepts parts/components/assemblies from the Airworthiness Authority of the country specified in block 1. 3) Statements 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance record must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.							

Evaluation Report

HAWKER PACIFIC AEROSPACE

FAA Repair Station RJ3R817L

Hawker Pacific Aerospace
11240 Sherman Way
Sun Valley, CA. 91352 USA
Tel: (818) 765-6201
Fax: (818) 765-4158

Event: L-00516-RMG Sales Order: 660041606
Repair Order: 51670965 Receipt Date:
Customer JSX
Customer P.O. RO-2844
Urgency Tail # N243JX

Receiving Planner Work Order Information

Qty	P.O. Part Number	Description	Serial Number	Manufacturer	Eligibility
1	2309-3032-003	AXLE, MSS ATTACH	OF.9800033-04	ELEB - EQUIPAMENTOS LTDA DO BRASIL	ERJ 140/145
Customer Reported Discrepancy NONE			CSO 11439.00	CSN 37393.00	TSO TSN
Warranty		N/A			
Customer Instructions		OVERHAUL			

Initial Evaluation Results

UNIT RECEIVED IN NORMAL WEAR CONDITION OVERHAUL IAW CMM

Initial Test

Repair Action Description

Work accomplished

OVERHAULED IN ACCORDANCE WITH 32-10-01 ELEB REV.25 DATED 30MAR2021
COMPLIED WITH ELEB-TD 2022-029822 DATED 26SEPT2022
CSO/TSO: ZERO

PREVIOUS OPERATOR: JSX, A/C: N243JX

ISSUE TO SALES ORDER 660041923

Repair Action Descr. created by	U588484	Print by:	U588484	Print at:	Oct 19, 2022
As shipped Part Number	2309-3032-003-006	S / N	OF.9800033-04	Publication	32-10-01



10/21/22

CUSTOMER: JSX

PART NUMBER: 2309-3002-516

SERIAL NUMBER: 163

Assembly CSN: 31,470

Assembly CSO: 11,439

Date of Last Overhaul: 4/19/2010

Date Removed: 5-May-22

Sub Part details

Part No received	Nomenclature	Actual Serial Number from records	Life Limit	CSN	Cy Rem
2309-3014-503 2309-3006-501	LH MLG Leg Strut ELEB		60,000		
2309-3014-504 2309-3006-502	RH MLG Leg Strut ELEB	OF77467756-01	60,000	31,470	28,530
2309-3037-401 2309-3009-503	Trailing Arm	1291501/001 1267490/002	60,000	11,439	48,561
2309-3025-001	Trunnion Axle	1246203/007	60,000	11,439	48,561
2309-3025-001	Trunnion Axle	1246203/008	60,000	11,439	48,561
2309-2029-001	Shock Absorber Attachment Axle	OF6500884/28	60,000	31,470	28,530
2309-2029-001	Shock Absorber Attachment Axle	1186190/008	60,000	11,439	48,561
2309-3032-001	Main Side Strut Attachment Axle (Pivot Pin)		60,000		
2309-3032-003	Main Side Strut Attachment Axle (Pivot Pin)	OF.9800033-04	60,000	37,393	22,607
2309-3032-005	Main Side Strut Attachment Axle (Pivot Pin)		60,000		
2309-2041-401 2309-2048-005	Cardan Joint	OF6484193-07	60,000	31,470	28,530
2309-2041-401 2309-2048-005	Cardan Joint		60,000		
2309-2041-001 2309-2048-001	Cardan Joint		15,760		
2309-2050-001	Cardan Axle		60,000		
2309-2050-003	Cardan Axle	1250966/006	60,000	11,439	48,561
2309-2050-601	Cardan Axle		60,000		
2309-3055-001	Trailing Arm Axle (Left)		60,000		
2309-3055-002	Trailing Arm Axle (Right)	1215151/004	60,000	11,439	48,561
2309-3040-001	Wheel Axle	1252373/001	60,000	11,439	48,561
2309-2005-001	Shock Absorber Assy		60,000		
2309-2005-003	Shock Absorber Assy		60,000		
2309-2005-005	Shock Absorber Assy		60,000		
2309-2005-007	Shock Absorber Assy	10049	60,000	11,439	48,561
2309-2057-001 2309-2058-001	Piston Tube	1141619/001	60,000	11,439	48,561
2309-2064-005 2309-2056-005	Cylinder	1138089/002	60,000	11,439	48,561
2309-2066-001	Bearing Cap		60,000		
2309-2082-001	Bearing Cap	1139188/002	60,000	11,439	48,561

Customer Name Signature

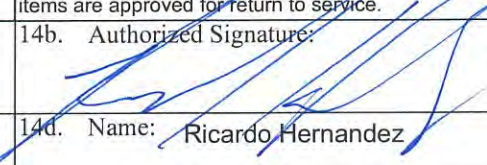
James Weaver

Customer Title

Chief Inspector

Date Created

9/21/2022

1. Approving Civil Aviation Authority / Country FAA / United States	AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, Airworthiness Approval Tag	3. Form Tracking Number: 158309			
4. Organization Name and Address:	 Hawker Pacific Aerospace Repair Station No. RJ3R817L 11240 Sherman Way Sun Valley, CA. 91352	5. Work Order/Contract/Invoice No./P.O.: 660041980 / 51684506 / / RO-3197-11535			
6. Item	7. Description	8. Part Number	9. Quantity	10. Serial Number	11. Status/Work
1	PISTON TUBE - ASSEMBLY	2309-2057-003	1	OF3047758/02	OVERHAULED
12. Remarks: Life Details: TSN: 39198:05 CSN: 33823 TSO: ZERO CSO: ZERO OVERHAULED IN ACCORDANCE WITH ELEB CMM 32-10-02 REV. 13 DATED 30SEPT2015 COMPLIED WITH ELEB-TD 2022-027618 DATED 02SEPT2022. PREVIOUS OPERATOR: JSX, A/C: N11535 NON-PROCURABLE P/N: 2309-2058-001 S/N: OF147461-2/2					
13a. Certifies the items identified above were manufactured in conformity to: ☐ Approved design data and are in condition for safe operation. ☐ Non-approved design data specified in Block 12.			14a. ☒ 14 CFR 43.9 Return to Service ☐ Other regulation specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.		
13b. Authorized Signature:		13c. Approval / Authorization No.:		14b. Authorized Signature:	
				 HPI 86	
13d. Name:		13e. Date:		14c. Approval Certificate No.:	
				RJ3R817L	
14d. Name:		14e. Date: (dd/mm/yyyy)			
Ricardo Hernandez		21.Oct.2022			
USER / INSTALLER RESPONSIBILITIES					
Note: 1). It is important to understand that the existence of the document alone does not automatically constitute authority to install the part/component/assembly. 2) Where the user/installer works in accordance with the national regulations of an Airworthiness Authority different than the Airworthiness Authority of the country specified in block 1, it is essential that the user/installer ensures that his/her Airworthiness Authority accepts parts/components/assemblies from the Airworthiness Authority of the country specified in block 1. 3) Statements 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance record must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.					

Evaluation Report

HAWKER PACIFIC AEROSPACE

FAA Repair Station RJ3R817L



Hawker Pacific Aerospace
11240 Sherman Way
Sun Valley, CA. 91352 USA
Tel: (818) 765-6201
Fax: (818) 765-4158

Event: L-00530-LMG Sales Order: 660041980
Repair Order: 51684506 Receipt Date:
Customer JSX
Customer P.O. RO-3197-11535
Urgency Tail # N11535

Receiving Planner Work Order Information

Qty	P.O. Part Number	Description	Serial Number	Manufacturer		Eligibility
1	2309-2057-003	PISTON TUBE - ASSEMBLY	OF3047758/02	ELEB - EQUIPAMENTOS LTDA DO BRASIL		ERJ 140/145
Customer Reported Discrepancy			CSO	CSN	TSO	TSN
NONE			6115.00	33823.00	7672:39	39198:05
Warranty	N/A					
Customer Instructions	OVERHAUL					

Initial Evaluation Results

UNIT RECEIVED IN NORMAL WEAR CONDITION OVERHAUL IAW CMM

Initial Test

Repair Action Description

Work accomplished

OVERHAULED IN ACCORDANCE WITH ELEB CMM 32-10-02 REV.13 DATED 30SEPT2015
COMPLIED WITH ELEB-TD 2022-027618 DATED 02SEPT2022
CSO/TSO: ZERO

PREVIOUS OPERATOR: JSX, A/C: N11535
NON-PROCURABLE P/N: 2309-2058-001 S/N: OF147461-2/2

ISSUE TO SALES ORDER 660041923

Repair Action Descr. created by	U588484	Print by:	U588484	Print at:	Oct 19, 2022
As shipped Part Number	2309-2057-003	S / N	OF3047758/02	Publication	32-10-02

P/N Detail Print

Print Date: 10/22/2020 14:15

Page: 1 of 1



A/C: N11535

Position: LH

P/N: 2309-3002-515

S/N: 240

Desc: STRUT LEG ASSY (LH), MLG

■ P/N: 2309-2005-005

P/N S/N: 431

SHOCK ABSORBER ASSY, MLG

Batch:

2115191

Control Items	Description	SCHEDULE				ACTUAL				REMAINING			STATUS
		Hours	Cycles	Days	Date	Hours	Cycles	Days	Reset Date	Hours	Cycles	Days	
TSN						39198:05	33823	1482	10/01/2016	0:00	0	0	
TSI						7672:39	6115	1482	10/01/2016	0:00	0	0	
MLG SHOCK RE-PACK	MLG SHOCK ABSORBER REPACKING	10000:00				7672:39	4971	1482	10/01/2016	2327:21	0	0	OPEN
SHOCK ABSORBER RST	SHOCK ABSORBER ASSEMBLY RESTORATION		20000	4380		6234:41	6115	1742	10/01/2016	0:00	13885	2638	OPEN

■ P/N: 2309-2057-003

P/N S/N: OF3047758/02

PISTON TUBE ASSY, MLG SHOCK ABSORBER

Batch:

2115297

Control Items	Description	SCHEDULE				ACTUAL			REMAINING			STATUS
		Hours	Cycles	Days	Date	Hours	Cycles	Days	Hours	Cycles	Days	
MLG PISTON TUBE	(LIFE LIMITED PART) UNSCHED - T/C "MAIN GEAR R/R"		60000			6234:41	33823	1482	0:00	26177	0	OPEN
TSI						7672:39	6115	1482	0:00	0	0	
TSN						39198:05	33823	1482	0:00	0	0	

■ P/N: 2309-2064-005

P/N S/N: OF3144764/02

CYLINDER ASSY, MLG SHOCK ABSORBER

Batch:

2115078

Control Items	Description	SCHEDULE				ACTUAL			REMAINING			STATUS
		Hours	Cycles	Days	Date	Hours	Cycles	Days	Hours	Cycles	Days	
MLG CYLINDER	(LIFE LIMITED PART) UNSCHED - T/C "MAIN GEAR R/R"		60000			6234:41	33823	1482	0:00	26177	0	OPEN
TSI						7672:39	6115	1482	0:00	0	0	
TSN						39198:05	33823	1482	0:00	0	0	

■ P/N: 2309-2082-001

P/N S/N: OF2558887/38

BEARING CAP, MLG SHOCK ABSORBER

Batch:

2115077

Control Items	Description	SCHEDULE				ACTUAL			REMAINING			STATUS
		Hours	Cycles	Days	Date	Hours	Cycles	Days	Hours	Cycles	Days	
MLG BEARING CAP	(LIFE LIMITED PART) UNSCHED - T/C "MAIN GEAR R/R"		60000			6234:41	33823	1482	0:00	26177	0	OPEN
TSI						7672:39	6115	1482	0:00	0	0	
TSN						39198:05	33823	1482	0:00	0	0	



Landing Gear Maintenance Report

E145 LH MLG LEG STRUT ASSY & SHOCK ABSORBER

Sales Order: 660041923	
Mfg P/N: 2309-3002-615	A/C: N48901
Mfg S/N: 247	MSN: 501
CPN: N/A	PO: RO-3180-145501

Previous Operator Traceability

FAA REPAIR STATION RJ3R817L
EASA: DE.145.0001

CUSTOMER: JSX

PART NUMBER: 2309-3002-515

SERIAL NUMBER: 247

Assembly CSN: N/A

Assembly CSO: N/A

Date of Last Overhaul: N/A

Date Removed: N/A

Sub Part details

Part No received	Nomenclature	Actual Serial Number from records	Life Limit	CSN	Cy Rem
2309-3014-503 2309-3006-501	LH MLG Leg Strut ELEB		60,000		
2309-3014-504 2309-3006-502	RH MLG Leg Strut ELEB		60,000		
2309-3037-401 2309-3009-503	Trailing Arm		60,000		
2309-3025-001	Trunnion Axle		60,000		
2309-3025-001	Trunnion Axle		60,000		
2309-1329-001	Shock Absorber Attachment Axle		60,000		
2309-1329-001	Shock Absorber Attachment Axle		60,000		
2309-3032-001	Main Side Strut Attachment Axle (Pivot Pin)		60,000		
2309-3032-003	Main Side Strut Attachment Axle (Pivot Pin)		60,000		
2309-3032-005	Main Side Strut Attachment Axle (Pivot Pin)		60,000		
2309-2041-401 2309-2048-005	Cardan Joint		60,000		
2309-2041-401 2309-2048-005	Cardan Joint		60,000		
2309-2041-001 2309-2048-001	Cardan Joint		15,750		
2309-2050-001	Cardan Axle		60,000		
2309-2050-003	Cardan Axle	1391433/005	60,000	228	59,772
2309-2050-601	Cardan Axle		60,000		
2309-3055-001	Trailing Arm Axle (Left)		60,000		
2309-3055-002	Trailing Arm Axle (Right)		60,000		
2309-3040-001	Wheel Axle		60,000		
2309-2005-001	Shock Absorber Assy		60,000		
2309-2005-003	Shock Absorber Assy		60,000		
2309-2005-005	Shock Absorber Assy		60,000		
2309-2005-007	Shock Absorber Assy		60,000		
2309-2057-001 2309-2058-001	Piston Tube		60,000		
2309-2064-005 2309-2056-005	Cylinder		60,000		
2309-2066-001	Bearing Cap		60,000		
2309-2082-001	Bearing Cap		60,000		

Customer Name Signature

James Weaver

Customer Title Chief Inspector

Date Created 10/11/2022

P/N Detail Print

Print Date: 10/15/2020 17:52

Page: 1 of 6



AC: N48901 Position: LH

■ P/N: 2309-3002-515

P/N S/N: 247

STRUT LEG ASSY (LH), MLG

Batch:

2180745

Control Items	Description	SCHEDULE				ACTUAL				REMAINING			STATUS
		Hours	Cycles	Days	Date	Hours	Cycles	Days	Reset Date	Hours	Cycles	Days	
OLEOST RST 145LR-LH	UNSCHED - OLEO STRUT RESTORE		20000	4380		6408:42	14563	1475	10/01/2016	0:00	5437	2905	OPEN
TSI						18241:02	14563	1475	10/01/2016	0:00	0	0	
TSN						43014:12	33573	1475	10/01/2016	0:00	0	0	

P/N Detail Print

Print Date: 10/15/2020 17:52

Page: 2 of 6



■ P/N: 2309-3014-601

P/N S/N: OF4933603/01

LEG STRUT EQUIPPED (LH), MLG

Batch:

2178495

Control Items	Description
LEG STRUT REST	UNSCHED - T/C "MAIN GEAR REMOVE"
MLG LEG STRUT LEFT (LH)	(LIFE LIMITED PART) UNSCHED - T/C "MAIN GEAR REMOVE"
TSI	
TSN	

SCHEDULE				ACTUAL			REMAINING			STATUS
Hours	Cycles	Days	Date	Hours	Cycles	Days	Hours	Cycles	Days	
	20000	4380		6408:42	14563	1475	0:00	5437	2905	OPEN
	60000			6408:42	33573	1475	0:00	26427	0	OPEN
				43014:12	33573	1475	0:00	0	0	
				43014:12	33573	1475	0:00	0	0	

P/N Detail Print

Print Date: 10/15/2020 17:52

Page: 3 of 6



■ P/N: 2309-2005-007

P/N S/N: 1281

SHOCK ABSORBER ASSY, MLG

Batch: 7521343

Control Items	Description
MLG SHOCK RE-PACK	MLG SHOCK ABSORBER REPACKING
SHOCK ABSORBER RST	SHOCK ABSORBER ASSEMBLY RESTORATION
TSI	
TSN	

SCHEDULE				ACTUAL			REMAINING			STATUS
Hours	Cycles	Days	Date	Hours	Cycles	Days	Hours	Cycles	Days	
10000:00				269:19	228	258	9730:41	0	0	OPEN
	20000	4380		6448:11	15799	1399	0:00	4201	2981	OPEN
				269:19	228	258	0:00	0	0	
				40797:49	31558	1399	0:00	0	0	

■ P/N: 2309-2057-003

P/N S/N: OF-495091-6/02

PISTON TUBE ASSY, MLG SHOCK ABSORBER

Batch: 2192414

Control Items	Description
MLG PISTON TUBE	(LIFE LIMITED PART) UNSCHED - T/C "MAIN GEAR R/R"
TSI	
TSN	

SCHEDULE				ACTUAL			REMAINING			STATUS
Hours	Cycles	Days	Date	Hours	Cycles	Days	Hours	Cycles	Days	
	60000			6448:11	31558	1399	0:00	28442	0	OPEN
				269:19	228	258	0:00	0	0	
				40797:49	31558	1399	0:00	0	0	

■ P/N: 2309-2064-005

P/N S/N: OF-365426-2/02

CYLINDER ASSY, MLG SHOCK ABSORBER

Batch: 2189687

Control Items	Description
MLG CYLINDER	(LIFE LIMITED PART) UNSCHED - T/C "MAIN GEAR R/R"
TSI	
TSN	

SCHEDULE				ACTUAL			REMAINING			STATUS
Hours	Cycles	Days	Date	Hours	Cycles	Days	Hours	Cycles	Days	
	60000			6448:11	31558	1399	0:00	28442	0	OPEN
				269:19	228	258	0:00	0	0	
				40797:49	31558	1399	0:00	0	0	

■ P/N: 2309-2082-001

P/N S/N: 1248913/004

BEARING CAP, MLG SHOCK ABSORBER

Batch: 2328432

Control Items	Description
MLG BEARING CAP	(LIFE LIMITED PART) UNSCHED - T/C "MAIN GEAR R/R"
TSI	
TSN	

SCHEDULE				ACTUAL			REMAINING			STATUS
Hours	Cycles	Days	Date	Hours	Cycles	Days	Hours	Cycles	Days	
	60000			6448:11	15799	1399	0:00	44201	0	OPEN
				269:19	228	258	0:00	0	0	
				20170:21	15799	1399	0:00	0	0	

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Page: 4 of 6



■ P/N: 2309-2027-005

P/N S/N: OF1770589/07

MANEUVERING ACTUATOR AXLE, MLG

Batch: 2185167

Control Items	Description
ACT ATTCH AXLE LIFE	UNSCHED - T/C "NOSE GEAR REMOVE"

TSI

TSN

SCHEDULE				ACTUAL			REMAINING			STATUS
Hours	Cycles	Days	Date	Hours	Cycles	Days	Hours	Cycles	Days	
				0:00	0	0				TERMINATED
				43014:12	33573	1475	0:00	0	0	
				43014:12	33573	1475	0:00	0	0	

■ P/N: 2309-2029-001

P/N S/N: 1272260/009

SHOCK ABSORBER ATTACHMENT AXLE, MLG

Batch: 2327120

Control Items	Description
MLG SHOCK ABSORBER ATTACH, (LIFE LIMITED PART) UNSCHED - T/C "MAIN GEAR R/R"	

TSI

TSN

SCHEDULE				ACTUAL			REMAINING			STATUS
Hours	Cycles	Days	Date	Hours	Cycles	Days	Hours	Cycles	Days	
	60000			6408:42	14563	1475	0:00	45437	0	OPEN
				18241:02	14563	1475	0:00	0	0	
				18241:02	14563	1475	0:00	0	0	

■ P/N: 2309-2029-001

P/N S/N: OF1321279/10

SHOCK ABSORBER ATTACHMENT AXLE, MLG

Batch: 2184894

Control Items	Description
MLG SHOCK ABSORBER ATTACH, (LIFE LIMITED PART) UNSCHED - T/C "MAIN GEAR R/R"	

TSI

TSN

SCHEDULE				ACTUAL			REMAINING			STATUS
Hours	Cycles	Days	Date	Hours	Cycles	Days	Hours	Cycles	Days	
	60000			6408:42	33573	1475	0:00	26427	0	OPEN
				43014:12	33573	1475	0:00	0	0	
				43014:12	33573	1475	0:00	0	0	

■ P/N: 2309-2041-401

P/N S/N: 1761847/001

CARDIN JOINT ASSY, MLG

Batch: 7509854

Control Items	Description
MLG CARDAN JOINT 60K	(LIFE LIMITED PART) UNSCHED - T/C "MAIN GEAR REMOVE"

TSI

TSN

SCHEDULE				ACTUAL			REMAINING			STATUS
Hours	Cycles	Days	Date	Hours	Cycles	Days	Hours	Cycles	Days	
	60000			269:19	228	258	0:00	59772	0	OPEN
				269:19	228	258	0:00	0	0	
				269:19	228	258	0:00	0	0	

P/N Detail Print

Print Date: 10/15/2020 17:52

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■ P/N: 2309-3025-001

P/N S/N: OF3288625-09

TRUNNION AXLE, MLG

Batch: 2185181

Control Items	Description
MLG TRUNNION AXLE	(LIFE LIMITED PART) UNSCHED - T/C "MAIN GEAR REMOVE"
TSI	
TSN	

SCHEDULE				ACTUAL			REMAINING			STATUS
Hours	Cycles	Days	Date	Hours	Cycles	Days	Hours	Cycles	Days	
	60000			6408:42	33573	1475	0:00	26427	0	OPEN
				43014:12	33573	1475	0:00	0	0	
				43014:12	33573	1475	0:00	0	0	

■ P/N: 2309-3025-001

P/N S/N: OF3602497-12

TRUNNION AXLE, MLG

Batch: 2179184

Control Items	Description
MLG TRUNNION AXLE	(LIFE LIMITED PART) UNSCHED - T/C "MAIN GEAR REMOVE"
TSI	
TSN	

SCHEDULE				ACTUAL			REMAINING			STATUS
Hours	Cycles	Days	Date	Hours	Cycles	Days	Hours	Cycles	Days	
	60000			6408:42	33573	1475	0:00	26427	0	OPEN
				43014:12	33573	1475	0:00	0	0	
				43014:12	33573	1475	0:00	0	0	

■ P/N: 2309-3032-005

P/N S/N: OF3797680-02

MAIN SIDE STRUT ATTACHMENT AXLE, MLG

Batch: 2184321

Control Items	Description
MLG MAIN SIDE STRUT ATTACH A	(LIFE LIMITED PART) UNSCHED - T/C "MAIN GEAR R/R"
TSI	
TSN	

SCHEDULE				ACTUAL			REMAINING			STATUS
Hours	Cycles	Days	Date	Hours	Cycles	Days	Hours	Cycles	Days	
	60000			6408:42	33573	1475	0:00	26427	0	OPEN
				43014:12	33573	1475	0:00	0	0	
				43014:12	33573	1475	0:00	0	0	

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■ P/N: 2309-3037-605

P/N S/N: OF-9597937/01

TRAILING ARM EQUIPPED

Batch: 2148064

Control Items	Description
MLG TRAILING ARM	(LIFE LIMITED PART) UNSCHED - T/C "MAIN GEAR REMOVE"
TRAILING ARM REST	UNCHED - T/C "MAIN GEAR REMOVE"
TSI	
TSN	

SCHEDULE				ACTUAL			REMAINING			STATUS
Hours	Cycles	Days	Date	Hours	Cycles	Days	Hours	Cycles	Days	
	40000			6170:44	34630	1353	0:00	5370	0	OPEN
	20000	4380		6170:44	4972	1517	0:00	15028	2863	OPEN
				20953:09	16437	1353	0:00	0	0	
				45394:33	34630	1353	0:00	0	0	

■ P/N: 2309-2050-003

P/N S/N: 1066210/039

PIVOT, MLG (PRE SB145-32-0094)

Batch: 7317029

Control Items	Description
MLG PIVOT	(LIFE LIMITED PART) UNSCHED - T/C "MAIN GEAR REMOVE"
TSI	
TSN	

SCHEDULE				ACTUAL			REMAINING			STATUS
Hours	Cycles	Days	Date	Hours	Cycles	Days	Hours	Cycles	Days	
	60000			6170:44	4972	1353	0:00	55028	0	OPEN
				6170:44	4972	1353	0:00	0	0	
				6170:44	19488	1353	0:00	0	0	

■ P/N: 2309-3040-001

P/N S/N: OF8462913-04

WHEEL AXLE, MLG

Batch: 2149256

Control Items	Description
MLG WHEEL AXLE	(LIFE LIMITED PART) UNSCHED - T/C "MAIN GEAR REMOVE"
TSI	
TSN	

SCHEDULE				ACTUAL			REMAINING			STATUS
Hours	Cycles	Days	Date	Hours	Cycles	Days	Hours	Cycles	Days	
	60000			6170:44	34630	1353	0:00	25370	0	OPEN
				20953:09	16437	1353	0:00	0	0	
				45394:33	34630	1353	0:00	0	0	

■ P/N: 2309-3055-001

P/N S/N: OF328824701

TRAILING ARM AXLE (LH), MLG

Batch: 2184323

Control Items	Description
MLG TRAILING ARM AXLE (LEFT)	(LIFE LIMITED PART) UNSCHED - T/C "MAIN GEAR REMOVE"
TSI	
TSN	

SCHEDULE				ACTUAL			REMAINING			STATUS
Hours	Cycles	Days	Date	Hours	Cycles	Days	Hours	Cycles	Days	
	60000			6408:42	33573	1475	0:00	26427	0	OPEN
				43014:12	33573	1475	0:00	0	0	
				43014:12	33573	1475	0:00	0	0	

P/N Detail Print

Print Date: 10/15/2020 17:55

Page: 1 of 1



AC: N48901 Position: LH

P/N: 2309-3002-515 S/N: 247

Desc: STRUT LEG ASSY (LH), MLG

SHOCK ABSORBER ASSY, MLG

Batch: 7521343

P/N: 2309-2005-007

P/N S/N: 1281

Control Items	Description	SCHEDULE				ACTUAL				REMAINING			STATUS
		Hours	Cycles	Days	Date	Hours	Cycles	Days	Reset Date	Hours	Cycles	Days	
MLG SHOCK RE-PACK	MLG SHOCK ABSORBER REPACKING	10000:00				269:19	228	258	12/05/2019	9730:41	0	0	OPEN
SHOCK ABSORBER RST	SHOCK ABSORBER ASSEMBLY RESTORATION		20000	4380		6448:11	15799	1399	10/01/2016	0:00	4201	2981	OPEN
TSI						269:19	228	258	12/05/2019	0:00	0	0	
TSN						40797:49	31558	1399	10/01/2016	0:00	0	0	

P/N: 2309-2057-003

P/N S/N: OF-495091-6/02

PISTON TUBE ASSY, MLG SHOCK ABSORBER

Batch: 2192414

Control Items	Description	SCHEDULE				ACTUAL			REMAINING			STATUS
		Hours	Cycles	Days	Date	Hours	Cycles	Days	Hours	Cycles	Days	
MLG PISTON TUBE	(LIFE LIMITED PART) UNSCHED - T/C "MAIN GEAR R/R"		60000			6448:11	31558	1399	0:00	28442	0	OPEN
TSI						269:19	228	258	0:00	0	0	
TSN						40797:49	31558	1399	0:00	0	0	

P/N: 2309-2064-005

P/N S/N: OF-365426-2/02

CYLINDER ASSY, MLG SHOCK ABSORBER

Batch: 2189687

Control Items	Description	SCHEDULE				ACTUAL			REMAINING			STATUS
		Hours	Cycles	Days	Date	Hours	Cycles	Days	Hours	Cycles	Days	
MLG CYLINDER	(LIFE LIMITED PART) UNSCHED - T/C "MAIN GEAR R/R"		60000			6448:11	31558	1399	0:00	28442	0	OPEN
TSI						269:19	228	258	0:00	0	0	
TSN						40797:49	31558	1399	0:00	0	0	

P/N: 2309-2082-001

P/N S/N: 1248913/004

BEARING CAP, MLG SHOCK ABSORBER

Batch: 2328432

Control Items	Description	SCHEDULE				ACTUAL			REMAINING			STATUS
		Hours	Cycles	Days	Date	Hours	Cycles	Days	Hours	Cycles	Days	
MLG BEARING CAP	(LIFE LIMITED PART) UNSCHED - T/C "MAIN GEAR R/R"		60000			6448:11	15799	1399	0:00	44201	0	OPEN
TSI						269:19	228	258	0:00	0	0	
TSN						20170:21	15799	1399	0:00	0	0	



Landing Gear Maintenance Report

E-145 MLG MAIN SIDE STRUT ASSY

Customer Documentation Package

Evaluation Report and Airworthiness Release Certificate

Life Limit Report

Service Bulletin Report

Customer Purchase Order (PO, RO, SO)

Certificates for New Parts

Concessions

Previous Operator Traceability

Sales Order: 660041925	
Mfg P/N: 2309-3500-503	A/C: N48901
Mfg S/N: 290	MSN: 501
CPN: N/A	PO: RO-3180-145501

FAA REPAIR STATION RJ3R817L
EASA: DE.145.0001

Responsible for content: LAXUG 616/ Erica Arellano

Prepared By: May Maryzana Maginde
Digitally signed by May Maryzana Maginde
Date: 2022.10.19 14:13:02 -07'00'

Activity-related document
IQ MOVE Document No.: 35383 (Rev. 4)



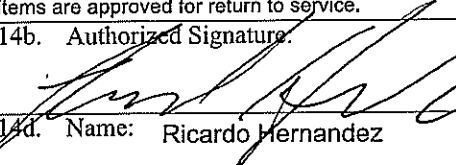
Landing Gear Maintenance Report

E-145 MLG MAIN SIDE STRUT ASSY

Sales Order: 660041925	
Mfg P/N: 2309-3500-503	A/C: N48901
Mfg S/N: 290	MSN: 501
CPN: N/A	PO: RO-3180-145501

Evaluation Report and Airworthiness Release Certificate

FAA REPAIR STATION RJ3R817L
EASA: DE.145.0001

1. Approving Civil Aviation Authority / Country FAA / United States		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, Airworthiness Approval Tag				3. Form Tracking Number: 158297	
4. Organization Name and Address:		HAWKER PACIFIC AEROSPACE  Hawker Pacific Aerospace Repair Station No. RJ3R817L 11240 Sherman Way Sun Valley, CA. 91352				5. Work Order/Contract/Invoice No./P.O.: 660041925 / 51678752 / / RO-3180-145501	
6. Item	7. Description	8. Part Number	9. Quantity	10. Serial Number	11. Status/Work		
1	MAIN SIDE STRUT ASSY-LR	2309-3500-503	1	290	OVERHAULED		
12. Remarks: Life Details: TSN: 43755:56 CSN: 33715 TSO: ZERO CSO: ZERO OVERHAULED IN ACCORDANCE WITH ELEB CMM 32-10-03 REV 16. DATED 29NOV2019. COMPLIED WITH ELEB-TD 2022-027741 DATED 05SEPT2022. SEE ATTACHMENTS FOR AD/SB STATUS AND LLP DATA .							
13a. Certifies the items identified above were manufactured in conformity to: ☐ Approved design data and are in condition for safe operation. ☐ Non-approved design data specified in Block 12.				14a. ☒ 14 CFR 43.9 Return to Service ☐ Other regulation specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.			
13b. Authorized Signature:		13c. Approval / Authorization No.:		14b. Authorized Signature:		14c. Approval Certificate No.:	
				 		RJ3R817L	
13d. Name:		13e. Date:		14d. Name: Ricardo Hernandez		14e. Date: (dd/mm/yyyy) 21.Oct.2022	
USER / INSTALLER RESPONSIBILITIES							
Note: 1). It is important to understand that the existence of the document alone does not automatically constitute authority to install the part/component/assembly. 2) Where the user/installer works in accordance with the national regulations of an Airworthiness Authority different than the Airworthiness Authority of the country specified in block 1, it is essential that the user/installer ensures that his/her Airworthiness Authority accepts parts/components/assemblies from the Airworthiness Authority of the country specified in block 1. 3) Statements 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance record must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.							

Evaluation Report

HAWKER PACIFIC AEROSPACE

FAA Repair Station RJ3R817L



Hawker Pacific Aerospace
11240 Sherman Way
Sun Valley, CA. 91352 USA
Tel: (818) 765-6201
Fax: (818) 765-4158

Event: L-00528-LSS Sales Order: 660041925
Receipt Date: Aug 9, 2022
Customer JSX
Customer P.O. RO-3180-145501
Urgency
Tail # N48901

Receiving Planner Work Order Information

Qty	P.O. Part Number	Description	Serial Number	Manufacturer		Eligibility
1	2309-3500-503	MAIN SIDE STRUT ASSY-LR	290	ELEB - EQUIPAMENTOS LTDA DO BRASIL		ERJ 140/145
Customer Reported Discrepancy			CSO	CSN	TSO	TSN
NONE			14563.00	33715.00	6408:42	43755:56
Warranty		N/A				
Customer Instructions		OVERHAUL				

Initial Evaluation Results

UNIT RECEIVED IN NORMAL WEAR CONDITION, NO REPORTED MISSING OR DAMAGED PARTS.
LEFT HAND SIDE STRUT TO BE OVERHAULED IAW CMM

Initial Test

Repair Action Description

Work accomplished

OVERHAULED IN ACCORDANCE WITH ELEB CMM 32-10-03 REV 16, DATED 29NOV2019
COMPLIED WITH ELEB-TD 2022-027741 DATED 05SEPT2022

CSO: 00:00
TSO: 00:00

SEE ATTACHMENTS FOR AD/SB STATUS AND LLP DATA .

Repair Action Descr. created by	U588484	Print by:	U588484	Print at:	Oct 13, 2022
As shipped Part Number	2309-3500-503	S / N	290	Publication	32-10-03



Landing Gear Maintenance Report

E-145 MLG MAIN SIDE STRUT ASSY

Sales Order: 660041925	
Mfg P/N: 2309-3500-503	A/C: N48901
Mfg S/N: 290	MSN: 501
CPN: N/A	PO: RO-3180-145501

Life Limit Report

FAA REPAIR STATION RJ3R817L
EASA: DE.145.0001



LIFE LIMIT REPORT

EMB-145 MLG MAIN SIDE STRUT

Sales Order: 660041925			
Mfg P/N:	2309-3500-503	A/C:	N48901
Mfg S/N:	290	MSN:	501
CPN:	N/A	PO:	RO-3180-145501

AS RECEIVED BY HPA

MFG P/N	NOMENCLATURE	MFG S/N	SLL*	CSN	REMAINING SLL
2309-3500-503	MLG SIDE STRUT ASSY	290	UNLIMITED	33,715	N/A
2309-2510-505	LOWER MAIN SIDE STRUT ASSY	OF6988270/01	UNLIMITED	33,715	REPLACED
2309-2532-001	LOWER MAIN SIDE STRUT	4700381/01	60,000	33,715	REPLACED
2309-2502-501	UPPER MAIN SIDE STRUT ASSY	OF603918-4/06	UNLIMITED	33,715	N/A
2309-2524-001	UPPER MAIN SIDE STRUT	OF435419-0/07	60,000	33,715	26,285
2309-3706-501	SIDE STRUT CARDAN ASSY	OF-6752847/04	UNLIMITED	33,715	N/A
2309-2530-001	SIDE STRUT CARDAN	OF5267655-15	UNLIMITED	33,715	N/A
2309-3515-001	AXLE UPPER	OF-5949017-03	60,000	33,715	26,285
2309-3516-001	CENTRAL AXLE	1219044/001	60,000	14,563	45,437

AS RELEASED BY HPA

MFG P/N	MFG S/N	CSN	REMAINING SLL	CSO	PREVIOUS OPERATOR
2309-3500-503	290	33,715	N/A	0	N48901
2309-2510-505	1900670/001	0	N/A	N/A	NEW
2309-2532-001	3030165	0	60,000	N/A	NEW
2309-2502-501	OF603918-4/06	33,715	N/A	0	N48901
2309-2524-001	OF435419-0/07	33,715	26,285	0	N48901
2309-3706-501	OF-6752847/04	33,715	N/A	0	N48901
2309-2530-001	OF5267655-15	33,715	N/A	0	N48901
2309-3515-001	OF-5949017-03	33,715	26,285	0	N48901
2309-3516-001	1219044/001	14,563	45,437	0	N48901

*SAFE LIFE LIMITS (SLL) MRB-145/1150 Rev. 21 Dated 16-JUN-2020

Cumulative cycle information for each life limited component or assembly is provided by and recorded under the responsibility of the customer. Safe life limits have been reviewed and verified to approved and/or accepted data. Deviations from the technical publication's safe life limit may be reflected, as dictated by the customer.

FAA REPAIR STATION RJ3R817L
EASA: DE.145.0001

Prepared By: May Maryzana Maginde

Stamp: May Maryzana Maginde
Digitally signed by May Maryzana Maginde Date: 2022.10.19 14:12:45 -0700

Date: 10/19/2022



Landing Gear Maintenance Report

E-145 MLG MAIN SIDE STRUT ASSY

Sales Order: 660041925	
Mfg P/N: 2309-3500-503	A/C: N48901
Mfg S/N: 290	MSN: 501
CPN: N/A	PO: RO-3180-145501

Service Bulletin Report

FAA REPAIR STATION RJ3R817L
EASA: DE.145.0001



Sales Order: 660041925			
Mfg P/N:	2309-3500-503	A/C:	N48901
Mfg S/N:	290	MSN:	501
CPN:	N/A	PO:	RO-3180-145501

[illegible]

PCW - PREVIOUSLY COMPLIED WITH
CW - COMPLIED WITH (THIS VISIT)
PARTIAL - PARTIALLY COMPLIED WITH
N/A - NOT ACCOMPLISHED
N/R - NOT REQUIRED

Prepared by: DANIEL AGUILAR Stamp: DLA2077

Date: 10/4/2022



Landing Gear Maintenance Report

E-145 MLG MAIN SIDE STRUT ASSY

Sales Order: 660041925	
Mfg P/N: 2309-3500-503	A/C: N48901
Mfg S/N: 290	MSN: 501
CPN: N/A	PO: RO-3180-145501

Customer Purchase Order (PO, RO, SO)

FAA REPAIR STATION RJ3R817L
EASA: DE.145.0001



Kingman Aviation
7100 Flightline Dr, ATTN: JSX REP
Kingman, AZ, 86401
Phone: 469-791-7344

Repair Order

Order No.
RO-3180-145501

Account No.

Date
05-Aug-2022



Return To Address

Kingman Aviation
7100 Flightline Dr
ATTN: JSX REP
Kingman
AZ
86401
US
Phone: 469-791-7344

Bill To Address

Kingman Aviation
1341 W. Mockingbird Lane
600E
Dallas
TX
75247
US
Phone: 469-791-7335
Email: accountspayable@jsx.com

Vendor / Ship To Address

Hawker Pacific Aerospace
11240 Sherman Wy
Sun Valley
CA
91352

Purchase Agent		Shipping Method	Terms	Order Type	Priority	Order Reason	
Christian Brand		WILL CALL		Repair Order	Scheduled Maintenance	Scheduled Or Unscheduled Maintenance	
Line	Item / Description	Serial No.	Transaction Type	Qty	UOM	Unit Cost	Ext. Cost
1	2309-3002-515 MLG LEG STRUT ELEB - Equipped Leg Strut	247	Overhaul	1	EA	USD	USD
2	2309-2005-007 MLG Shock Absorber Assy	1281	Overhaul	1	EA	USD	USD
3	2309-2600-505 MLG Secondary Side Strut Assy	618	Overhaul	1	EA	USD	USD
4	2309-3037-605 MLG LEG STRUT ELEB - Equipped Trailing Arm	OF-9597937-0	Overhaul	1	EA	USD	USD
5	2309-3002-516 MLG LEG STRUT ELEB - Equipped Leg Strut	247	Overhaul	1	EA	USD	USD
6	2309-2005-001 MLG Shock Absorber Assy	022	Overhaul	1	EA	USD	USD
7	2309-3500-503 MLG Main Side Strut Assembly	482	Overhaul	1	EA	USD	USD
8	2309-2600-507 MLG Secondary Side Strut Assy	903	Overhaul	1	EA	USD	USD
9	2309-3037-403 Trailing arm	OF493547-3101	Overhaul	1	EA	USD	USD
10	1170S0000-01 NLG LEG STRUT LIEBHERR - Assembly	00245	Overhaul	1	EA	USD	USD
11	1172C0000-02 Main Drag Strut Assy	SP649-01	Overhaul	1	EA	USD	USD
12	1173B0000-03 NLG AUXILIARY DRAG STRUT Liebherr - Auxiliary Drag Strut Assy	SP654-01	Overhaul	1	EA	USD	USD
13	2309-3500-503 MLG Main Side Strut Assembly	OF6988270-01	Overhaul	1	EA	USD	USD

Remarks: TOTAL GEAR COST \$ 246,453.00

Parts Total	USD 0.00
Taxes	USD 0.00
Freight	USD 0.00
Other	USD 0.00
Order Total	USD 0.00

Purchasing Agent Christian Brand	Authorized Signature	Date
---	----------------------	------

Shipping Info:
WILL CALL

Order Info:
Aircraft: / SN:
Aircraft Model: EMB-145LR
Invoice No: 9140018430
WP No:



Kingman Aviation
7100 Flightline Dr, ATTN: JSX REP
Kingman, AZ, 86401
Phone: 469-791-7344

Repair Order

Order No.
RO-3180-145501

Account No.

Date
05-Aug-2022



Return To Address

Kingman Aviation
7100 Flightline Dr
ATTN: JSX REP
Kingman
AZ
86401
US
Phone: 469-791-7344

Bill To Address

Kingman Aviation
1341 W. Mockingbird Lane
600E
Dallas
TX
75247
US
Phone: 469-791-7335
Email: accountspayable@jsx.com

Vendor / Ship To Address

Hawker Pacific Aerospace
11240 Sherman Wy
Sun Valley
CA
91352

Purchase Agent

Christian Brand

Shipping Method

WILL CALL

Terms

Order Type

Repair Order

Priority

Scheduled
Maintenance
WO No:

Order Reason

Scheduled Or Unscheduled
Maintenance



Landing Gear Maintenance Report

E-145 MLG MAIN SIDE STRUT ASSY

Sales Order: 660041925	
Mfg P/N: 2309-3500-503	A/C: N48901
Mfg S/N: 290	MSN: 501
CPN: N/A	PO: RO-3180-145501

Certificates for New Parts

FAA REPAIR STATION RJ3R817L
EASA: DE.145.0001



Packing List #:10104989
/ 01

Date: 22.07.2022

Page:2 / 2

Sold To: 500142

HAWKER PACIFIC AEROSPACE
- 11240 SHERMAN WAY
SUN VALLEY - CA
91352 - US

Ship To: 500142

HAWKER PACIFIC AEROSPACE
- 11240 SHERMAN WAY
SUN VALLEY - CA
91352 - US

Shipping instruction: FedEx Int Priority@ Account: 09152145-8

Shipping Point: Fort Lauderdale Distribution Center

Part Number Description/Comments	Country Origin	Stock Type	Unit	Qty Ordered	Qty Packed	Qty BO	Net Weight
Delivery: 802608768 Customer P.O. 470058621 2309-2510-505 MAIN LOWER SIDE STRUT, ASSY S/N: 1895430/001	BR	N	EA	4	1	3	11,000
Delivery: 802608769 Customer P.O. 470058621 2309-2510-505 MAIN LOWER SIDE STRUT, ASSY S/N: 1900670/001	BR	N	EA	3	1	2	11,000

Country of Origin is defined by I.A.T.A. - TACT rules chapter 1.3.1(1999)
STOCK TYPE: N - NEW R - REPAIRED O - OVERHAUL U - USED
Order Entry: LUILOPEZ

Packing 01 / 01

25 X 8 X 33 "

Gross Weight: 40.000 LB

Net Weight: 33.000 LB



Packing List #:10104989
/01

Date: 22.07.2022

Page:1 / 2

Sold To: 500142

HAWKER PACIFIC AEROSPACE
- 11240 SHERMAN WAY
SUN VALLEY - CA
91352 - US

Ship To: 500142

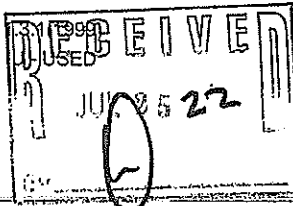
HAWKER PACIFIC AEROSPACE
- 11240 SHERMAN WAY
SUN VALLEY - CA
91352 - US

Shipping instruction: FedEx Int Priority® Account: 09152145-8

Shipping Point: Fort Lauderdale Distribution Center

Part Number Description/Comments	Country Origin	Stock Type	Unit	Qty Ordered	Qty Packed	Qty BO	Net Weight
Delivery: 802595179 Customer P.O. 470058544 502.067-38 RING,RETAINING,INTERNAL	BR	N	EA	2	2	0	0,000
2309-2080-003 BOLT	BR	N	EA	1	1	0	0,000
Customer P.O. 470058545 2301-0101-001 STREAMER, CAUTION TAG	BR	N	EA	5	5	0	0,000
2309-2605-001 WASHER,ADJUSTMENT	BR	N	EA	2	2	0	0,000
Customer P.O. 470058619 P2301-444S043 SCRAPER	US	N	EA	1	1	0	0,000
Customer P.O. 470058621 2309-2510-505 MAIN LOWER SIDE STRUT, ASSY S/N: 1897565/001	BR	N	EA	5	1	4	11,000

Country of Origin is defined by I.A.T.A. - TACT rules chapter
STOCK TYPE: N - NEW R - REPAIRED O - OVERHAUL
Order Entry: LUILOPEZ



Packing 01 / 01

25 X 8 X 33 "

Gross Weight: 40.000 LB

Net Weight: 33.000 LB

5000568406

1 País (Country) BRASIL		2 Título (Title) AGÊNCIA NACIONAL DE AVIAÇÃO CIVIL (BRAZILIAN CIVIL AVIATION AUTHORITY) CERTIFICADO DE LIBERAÇÃO AUTORIZADA (AUTHORIZED RELEASE CERTIFICATE) ETIQUETA DE APROVAÇÃO DE AERONAVEGABILIDADE (AIRWORTHINESS APPROVAL TAG) FORMULÁRIO (FORM) F-100-01 (SEGVÃO 003)			3 Certificado No. (Certificate No./System/Tracking Ref.) 2003776370	
4 Empresa (nome e endereço) (Organization Name and Address) Embraer S.A. 276 S.W. 34th Street - Ft. Lauderdale, FL 33315 - COP E-7203-01				5 Ordem de Serviço/Contrato/Nota Fiscal (Work Order, Contract or Invoice) 0070986662		
6 Item (Item)	7 Descrição (Description)	8 Número da Peça (Part Number)	9 Quantidade (Quantity)	10 Número de Série/Lote (Serial/Batch Number)	11 Categoria/Trabalho (Status/Work)	
000001	MAIN LOWER SIDE STRUT, AS	2309-2510-505	1	1900670/001	NEW	
12 Observações (Remarks) Export. MAIN LOWER P/N 2309-2532-001 S/N 3030165 Doc. Ref.(Ref. Document): 0802608769 / 2022.						
Partes com vida limitada devem ser acompanhadas de histórico de manutenção incluindo tempo total/ciclo total/tempo desde que novo. (Limited life parts must be accompanied by maintenance history including total time/total cycles/time since new.)						
13 Certifica que o(s) item(ns) acima identificado (s) foi (foram) fabricados (s) em conformidade aos: (Certifies that the item(s) identified above was (were) manufactured in conformity to:)			18 ☐ Retorno ao serviço de acordo com RBAC 43.9 (Return to service in accordance with RBAC 43.9) ☐ Outros regulamentos especificados no bloco 12 (Others regulations specified in block 12)			
☒ dados de projeto aprovados e está (ão) em condição segura de operação (approved design data and are in a condition for safe operation)			Certifica que, a menos especificado no bloco 12, o trabalho especificado no bloco 11, e descrito no bloco 12, foi executado de acordo com o Regulamento Brasileiro da Aviação Civil - RBAC 43 e, em relação ao trabalho realizado, a(s) peça (s) é (são) aprovada (s) para retorno ao serviço. (Certifies that, unless otherwise specified in block 12, the work identified in block 11 and described in block 12, was accomplished in accordance with Brazilian Civil Aviation Regulations - RBAC 43 and in respect to the work performed the part(s) is (are) approved for return to service.)			
☐ dados de projeto não aprovado especificados no bloco 12 (non-approved design data specified in block 12)						
14 Assinatura do Representante da ANAC (ANAC Representative Signature) 		15 No. Autorização da ANAC (ANAC Authorization No.) DOI 2020-044 / COP E-7203-01		19 Pessoa Autorizada (Authorized Signature)		
16 Nome (Name) Roginaldo L. Palm		17 Data (Date) 22/JUL/2022		20 No. COM/COA (Certificate Number)		
				21 Nome (Name)		
				22 Data (Date)		
* O INSTALADOR DEVE FAZER VERIFICAÇÃO CRUZADA DA APLICABILIDADE ATRAVÉS DOS DADOS TÉCNICOS APLICÁVEIS (INSTALLER MUST CROSS CHECK ELIGIBILITY WITH APPLICABLE TECHNICAL DATA) RESPONSABILIDADE DO USUÁRIO / INSTALADOR É IMPORTANTE COMPREENDER QUE A EXISTÊNCIA DESTES DOCUMENTOS POR SI SÓ NÃO CONSTITUI AUTOMATICAMENTE UMA AUTORIZAÇÃO PARA INSTALAR A PARTE/COMPONENTE/CONJUNTO. SE O TRABALHO DO USUÁRIO/INSTALADOR É REALIZADO DE ACORDO COM OS REGULAMENTOS NACIONAIS DE UMA AUTORIDADE DE AERONAVEGABILIDADE DIFERENTE DA AUTORIDADE DE AERONAVEGABILIDADE DO PAÍS ESPECIFICADO NO BLOCO 1, É ESSENCIAL QUE O USUÁRIO/INSTALADOR ASSEGURE QUE A SUA AUTORIDADE DE AERONAVEGABILIDADE ACEITA PARTES/COMPONENTES/CONJUNTOS DA AUTORIDADE DE AERONAVEGABILIDADE DO PAÍS ESPECIFICADO NO BLOCO 1. AS DECLARAÇÕES NOS BLOCOS 13 E 18 NÃO CONSTITUEM UM CERTIFICADO DE INSTALAÇÃO. EM TODOS OS CASOS, OS REGISTROS DE MANUTENÇÃO DA AERONAVE DEVEM CONTER UM CERTIFICADO DE INSTALAÇÃO EMITIDO DE ACORDO COM REGULAMENTOS NACIONAIS PELO USUÁRIO/INSTALADOR ANTES QUE A AERONAVE POSSA SER LIBERADA PARA VOO. (USER / INSTALLER RESPONSIBILITY) (IT IS IMPORTANT TO UNDERSTAND THAT THE EXISTENCE OF THIS DOCUMENT ALONE DOES NOT CONSTITUTE AUTHORITY TO INSTALL THE PART/COMPONENT/ASSEMBLY.) (WHERE THE USER/INSTALLER WORK IS PERFORMED IN ACCORDANCE WITH THE NATIONAL REGULATIONS OF AN AIRWORTHINESS AUTHORITY DIFFERENT THAN THE AIRWORTHINESS AUTHORITY OF THE COUNTRY SPECIFIED IN BLOCK 1, IT IS ESSENTIAL THAT THE USER/INSTALLER ENSURES THAT HIS/HER AIRWORTHINESS AUTHORITY ACCEPTS PARTS/COMPONENTS/ASSEMBLIES FROM THE AIRWORTHINESS AUTHORITY OF THE COUNTRY SPECIFIED IN BLOCK 1.) (STATEMENTS IN BLOCK 13 AND 18 DO NOT CONSTITUTE INSTALLATION CERTIFICATION. IN ALL CASES, AIRCRAFT MAINTENANCE RECORDS MUST CONTAIN AN INSTALLATION CERTIFICATION ISSUED IN ACCORDANCE WITH THE NATIONAL REGULATIONS BY THE USER/INSTALLER BEFORE THE AIRCRAFT MAY BE FLOWN.)						



Landing Gear Maintenance Report

E-145 MLG MAIN SIDE STRUT ASSY

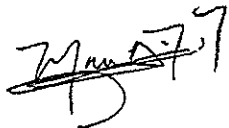
Sales Order: 660041925	
Mfg P/N: 2309-3500-503	A/C: N48901
Mfg S/N: 290	MSN: 501
CPN: N/A	PO: RO-3180-145501

Concessions

FAA REPAIR STATION RJ3R817L
EASA: DE.145.0001

IDR 37145

HAWKER PACIFIC
AEROSPACEFAA Repair Station RJ3R817L
EASA: DE.145.0001

Part Data		Event Data	
Part Description	UPPER MAIN SIDE STRUT ASSY	Repair Order	51680217
P/N	2309-2502-501:005TK	Event	L-00528-LSS
S/N	OF603918-4/06	Sales Order	660041925
Customer S/N		Product (A/C Type)	ERJ-145
Detail P/N	2309-2524-001:005TK	Tail Sign	N48901
Detail S/N	OF435419-0/07	Customer/Operator	101896 JSX
		Customer PO	RO-3180-145501
IDR Details		Additional Data	
IDR Status	CL - Closed	TSN	43756.13 FH
IDR Issue Date	18.Aug.2022	CSN	33715.00 CYC
IDR Close Date	27.Sep.2022	OEM Ref.	32-10-03
		OEM	ELEB
Discrepancy			
LUG (4A) MACHINED UNDERSIZED			
OEM/DER Response			
ELEB-TD 2022-027741		Response date	05.Sep.2022
Customer Response			
NOT REQUIRED FOR JSX		Response date	05.Sep.2022
Engineer / Signature	Date	Inspector / Signature	Date
	SEP 27 2022 Stamp 		SEP-28-22 Stamp M.D 2115

IDR 37145

This Document holds no airworthiness approval and reference to OEM approval is required. The purpose of this document is for transmittal of engineering information within the Part 145 production facility only.



Hawker Pacific Aerospace
11240 SHERMAN WAY
SUN VALLEY, CA 91352-4942



FAA Repair Station RJ3R817L

EASA: DE.145.0001

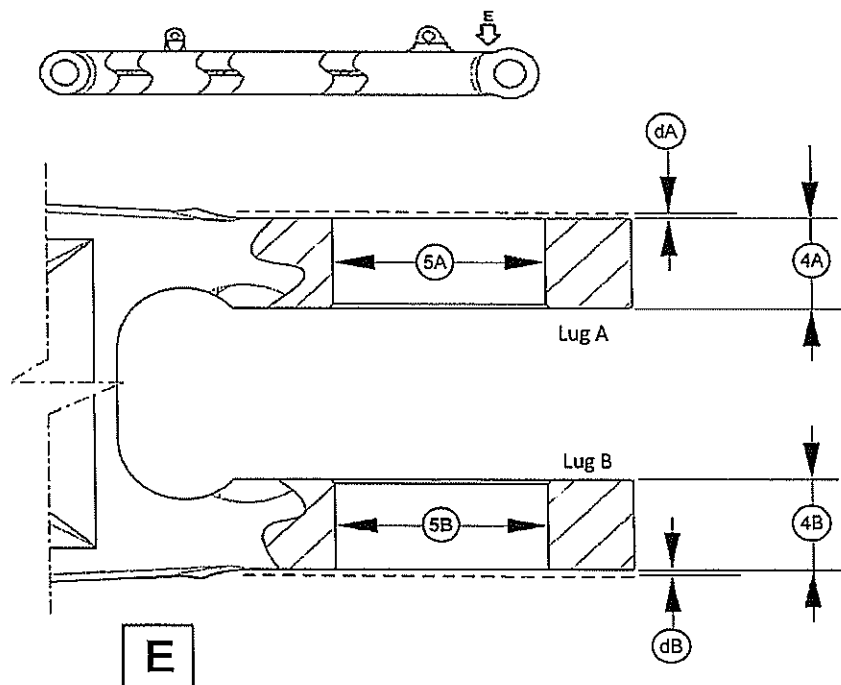
Issue No.: 2

28.SEP.2020

Inspection Discrepancy Report (IDR)

IDR Document No. 37145	Rev. No. 0	Date 9/1/2022	Sales Order No. 660041925	Work Order No. 51680217	
Part Description UPPER MAIN SIDE STRUT ASSY	Part Number 2309-2502-501		Serial Number OF603918-4/06	A/C Type EMB-145	CMM 32-10-03
Detail Part Description UPPER MAIN SIDE STRUT	Detail Part Number 2309-2524-001		Detail Serial Number OF435419-0/17	A/C Tail No. (MSN) N48901	
Description Lug (4A) machined undersize to remove defects. All other dimensions are within CMM limits.					
Proposed Resolution If structurally acceptable, HPA proposes to; - Perform fluorescent penetrant inspection on reworked area - Fabricate and install washer to account for missing material - Complete rest of repair and refinish in accordance with CMM					

REFERENCE #	4A	4B	5A	5B	dA (removed)	dB (removed)
Design Dim.	0.8759 (Note 1)	0.8759 (Note 1)	1.8907 1.8897	1.8907 1.8897	NOT APPLICABLE	NOT APPLICABLE
Repair Limit	MIN 0.8167	MIN 0.8167	1.9379	1.9379	0.0314 MAX	0.0314 MAX
As Received/ Post Rework	0.8300	0.8830	1.9890	1.8903	0.0443	N/A



ALL DIMENSIONS ARE IN INCHES

TODAY'S DATE:	9/1/2022	REPAIR CLASSIFICATION:	Minor
NEED BY/DUE DATE:	9/8/2022	SUBMITTED BY:	HPA Engineering
PART CSN:	33715.00	EMAIL:	eng_configuration@hawker.com
PART TSN:	43756:08	PHONE NUMBER:	+1 (818) 765-6201



**CUSTOMER
SUPPORT**

ELEB Equipamentos Ltda.

Rua Itabaiana, 40 – 12237-540 - São José dos Campos - SP – Brazil

Technical Disposition

ELEB-TD 2022-027741

REV.: /

SUBJECT

EMB-145 MLG Upper Main Side Strut Repair

CONTACT

To: Hawker Pacific Aerospace (HPA)
Phone: +1-818- 765-6201 x 449
jesus.gonzalez-ramirez@hawker.com

From: ELEB Customer Support Engineering
Phone: + 55 12 3935-5313/5456/5216
technicalsupport.eleb@embraer.com.br

IDENTIFICATION

Operator / Customer:	A/C:	A/C S/N / REG:	FH:	FC:
Delux Public Charter - JETSUITEX	EMB-145	145501 (N48901)	N/I	N/I
Part Number:	Part Number S/N:	FH:	FC:	Assembly (NHA) P/N / S/N
2309-2524-001	OF435419-0/17	43756:08	33715.00	2309-2502-501 / OF603918-4/06

REPAIR DATA

Repair Classification: <i>(made by requester)</i>	Minor	Reference:	# B
Permanente Repair?	Yes	Limitation for temporary repair:	Not applicable

RULES

- The technical disposition contained in this document is based solely on the data explicitly reported by the Customer. As no other information was provided by the Customer, ELEB assumes that the area/structural component(s) related to this technical disposition did not have any other previous damage and/or repair incurred to it. Therefore, ELEB disclaims any and all responsibility for incorrect, inaccurate or incomplete information provided by the Customer related to this matter.
- In case of any conflict between this document and any mandatory requirements issued by the Local Regulatory Authority, including but not limited to Airworthiness Directives, the Local Regulatory Authority document/orientation shall prevail.
- The contents herein are intended for information only and do not constitute airworthiness release approval. Any such approval must be given by the owner or operator of the aircraft according to the local regulatory authority procedures.

REFERENCES

- # A: E-mail received from Mr. Jesus Gonzalez Ramirez on September 1, 2022;
- # B: Inspection Discrepant Report # IDR 37145;
- # C: CMM TP 145/1190_32-10-03.

REVISION HISTORY

Rev. 1: First issue.

**ELEB****CUSTOMER
SUPPORT****ELEB Equipamentos Ltda.**

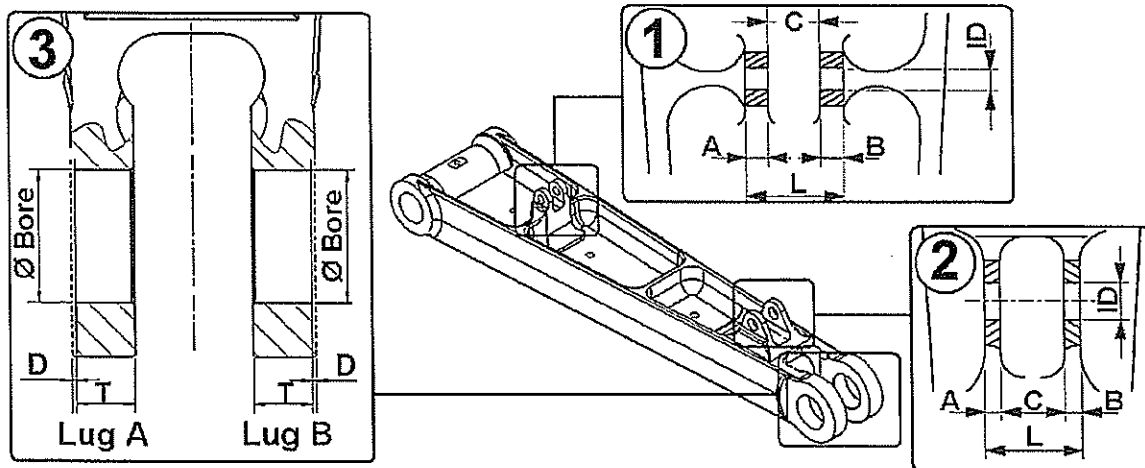
Rua Itabalana, 40 – 12237-540 - São José dos Campos - SP – Brazil

Technical Disposition**ELEB-TD 2022-027741**

REV.: /

DESCRIPTION / REPORT / REQUEST

As reported by HPA through Reference # B, in order to remove corrosion, the MLG Upper Main Side Strut lugs needed to be machined according to dimension shown in the sketch and tables below:



Area 1 (Unlock Actuator Attach Lug)					
Reference	ID (2x)	Lug A	Lug B	C	L
Repair	Within CMM limits <i>Lug A</i>	Within CMM limits	Within CMM limits	Within CMM limits	Within CMM limits
	Within CMM limits <i>Lug B</i>				
Design/ CMM limit	13.218 mm	8.050 mm (minimum)		19.3 +0.1 mm	35.50 mm (minimum)

	Area 2 (Secondary Side Strut Attach Lug)				
Reference	ID (2x)	Lug A	Lug B	C	L
Repair	Within CMM limits Lug A	Within CMM limits	Within CMM limits	Within CMM limits	Within CMM limits
	Within CMM limits Lug B				
Design/ CMM limit	18.218 mm (maximum)	(6.975) minimum Repair valid only for inner faces		29.0 -0.1 mm Design only	44.85 mm (minimum)

**ELEB****CUSTOMER
SUPPORT****ELEB Equipamentos Ltda.**

Rua Itabaiana, 40 – 12237-540 - São José dos Campos - SP – Brazil

Technical Disposition**ELEB-TD 2022-027741**

REV.: /

Area 3 (Lower Main Side Strut Attach Lug)					
Reference	Machined Length	D (depth)	T (Thickness)	Ø Bore (item 5 as per CMM reference)	Ø Bore (item 4 as per CMM reference)
Repair Lug A	Not Informed	0.0443" (1.125 mm)	0.8300" (21.082 mm)	1.9890" (50.520 mm)	-----
Repair Lug B	Not Informed	Not Machined	0.8830" (22.428 mm)	-----	1.8903" (48.014 mm)
CMM limit	Not Applicable	0.8 mm (maximum)	20.745 mm	50.995 mm (maximum)	
Design	Not Applicable		22.250 mm	48.00 H7 mm	

HPA asks if these repairs can be structurally acceptable to return the component in service.

**ELEB****CUSTOMER
SUPPORT****ELEB Equipamentos Ltda.**

Rua Itabaiana, 40 – 12237-540 - São José dos Campos - SP – Brazil

Technical Disposition**ELEB-TD 2022-027741**

REV.: /

TECHNICAL DISPOSITION

Provided that procedure below is accomplished ELEB's Engineering agrees that the Upper Main Side Strut is structurally and functionality acceptable to return to service:

1. All Areas:

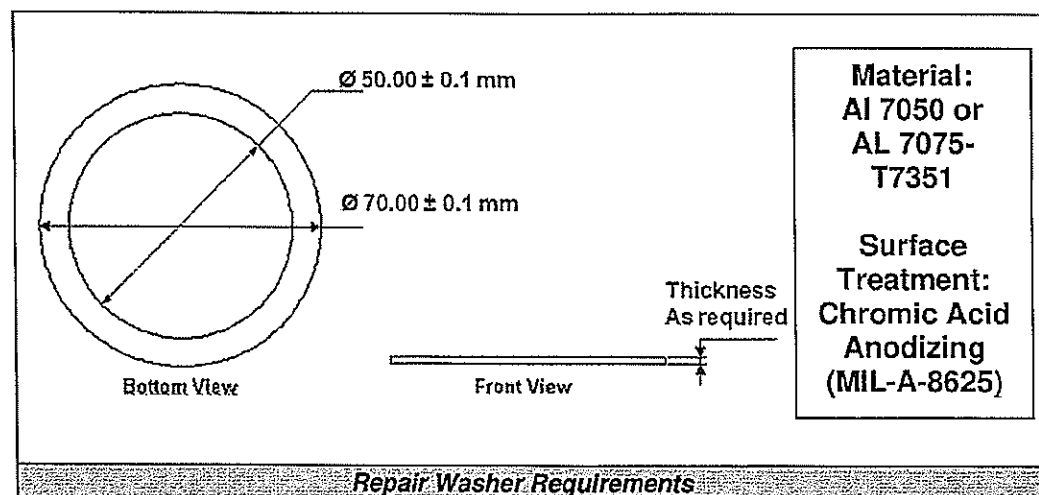
- a) Perform NDT inspections as per CMM TP145-1190_32-10-03, section 501;

Note: Cracks and corrosion are not allowed.

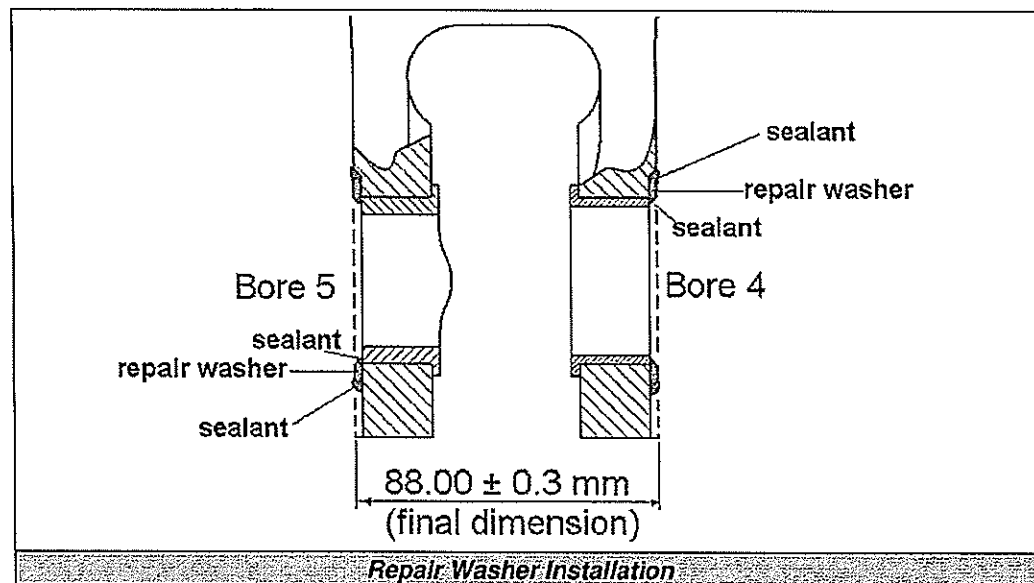
- b) Restore the surface protective coating of the Upper Main Side Strut according to CMM instructions (refer to section 601).

2. Area 3 (Lower Main Side Strut Attach Lug):

- a) Install the oversize bushings according to the CMM TP145-1190_32-10-03, section 601;
- b) To restore the proper fitment in order to achieve the external face to face dimension of 88.00 ± 0.3 mm, a special repair washers must be installed on external side of the lug "A" (CMM reference: bore # 5) and/or lug "B" (CMM reference: bore # 4) according to instructions below (whichever is applicable):
- i. Manufacture the washers according to sketch below:



- c) Bond the washer(s) in the face of the reworked lug(s) according to sketch below. To bond use Loctite 454 (commercial available):



- d) Apply sealant P/S 870B-2 or PR-1826 B2 ALU around the edges of the special washer (see figure above);
- e) Apply varnish P/N 683-3-2/X-310A on the surface of the sealant 24 hours after the sealant application in case you use the sealant P/S870B-2;

3. All Areas:

- a) Refinish the part as per CMM TP145-1190_32-10-03 instructions.



Landing Gear Maintenance Report

E-145 MLG MAIN SIDE STRUT ASSY

Sales Order: 660041925	
Mfg P/N: 2309-3500-503	A/C: N48901
Mfg S/N: 290	MSN: 501
CPN: N/A	PO: RO-3180-145501

Previous Operator Traceability

FAA REPAIR STATION RJ3R817L
EASA: DE.145.0001

CUSTOMER: JSX

PART NUMBER: 2309-3500-503

SERIAL NUMBER: 290

Assembly CSN: N/A

Assembly CSO: N/A

Date of Last Overhaul: N/A

Date Removed: N/A

Sub Part details

Part No received	Nomenclature	Actual Serial Number from records	Life Limit	CSN	Cy Rem
2309-2515-001	Shaft		60,000		
2309-3515-001	Shaft	OF-5949017-03	60,000	33,715	26,285
2309-2524-001	Upper Main Side		60,000		
2309-2532-001	Lower Main Side		60,000		
2309-3516-001	Pivot Pin		60,000		
2309-3516-001	Pivot Pin		60,000		

Customer Name Signature James Weaver

Customer Title Chief Inspector

Date Created 10/11/2022

P/N Detail Print

Print Date: 10/15/2020 17:56

Page: 1 of 3



AC: N48901 Position: LH

■ P/N: 2309-3500-503

P/N S/N: 290

MAIN SIDE STRUT ASSY

Batch:

2169128

Control Items	Description	SCHEDULE				ACTUAL				REMAINING			STATUS
		Hours	Cycles	Days	Date	Hours	Cycles	Days	Reset Date	Hours	Cycles	Days	
MLG SIDE STRUT REST	UNSCHED - T/C "MAIN GEAR REMOVE"		20000	4380		6408:42	14563	1475	10/01/2016	0:00	5437	2905	OPEN
TSI						18241:02	14563	1475	10/01/2016	0:00	0	0	
TSN						43755:56	33715	1475	10/01/2016	0:00	0	0	

■ P/N: 2309-2502-501

P/N S/N: OF603918-4/06

MLG MAIN UPPER SIDE STRUT ASSY

Batch:

2169192

Control Items	Description	SCHEDULE				ACTUAL			REMAINING			STATUS
		Hours	Cycles	Days	Date	Hours	Cycles	Days	Hours	Cycles	Days	
MLG SIDE STRUT REST	UNSCHED - T/C "MAIN GEAR REMOVE"		20000	4380		18241:14	14563	3230	0:00	5437	1150	OPEN
MLG UPPER MAIN SIDE STRUT	(LIFE LIMITED PART) UNSCHED - T/C "MAIN GEAR REMOVE"		60000			43756:08	33715	3230	0:00	26285	0	OPEN
TSI						18241:14	14563	3230	0:00	0	0	
TSN						43756:08	33715	3230	0:00	0	0	

■ P/N: 2309-2524-001

P/N S/N: OF435419-0/07

MLG MAIN UPPER SIDE STRUT

Batch:

7574535

Control Items	Description	SCHEDULE				ACTUAL			REMAINING			STATUS
		Hours	Cycles	Days	Date	Hours	Cycles	Days	Hours	Cycles	Days	
MLG UPPER MAIN SIDE STRUT	(LIFE LIMITED PART) UNSCHED - T/C "MAIN GEAR REMOVE"		60000			43756:08	33715	3230	0:00	26285	0	OPEN
TSI						18241:14	14563	3230	0:00	0	0	
TSN						43756:08	33715	3230	0:00	0	0	

P/N Detail Print

Print Date: 10/15/2020 17:56

Page: 2 of 3



■ P/N: 2309-2510-505

P/N S/N: OF6988270/01

Control Items	Description
MLG LOWER MAIN SIDE STRUT	(LIFE LIMITED PART) UNSCHED - T/C "MAIN GEAR R/R"
MLG SIDE STRUT REST	UNSCHED - T/C "MAIN GEAR REMOVE"
TSI	
TSN	

MLG MAIN LOWER SIDE STRUT ASSY

Batch: 2169067

SCHEDULE				ACTUAL			REMAINING			STATUS
Hours	Cycles	Days	Date	Hours	Cycles	Days	Hours	Cycles	Days	
	60000			6408:42	33715	1475	0:00	26285	0	OPEN
	20000	4380		10428:38	8416	2101	0:00	11584	2279	OPEN
				43755:56	33715	1475	0:00	0	0	
				43755:56	33715	1475	0:00	0	0	

■ P/N: 2309-2532-001

P/N S/N: 4700381/01

Control Items	Description
MLG LOWER MAIN SIDE STRUT	(LIFE LIMITED PART) UNSCHED - T/C "MAIN GEAR R/R"
TSI	
TSN	

MLG MAIN LOWER SIDE STRUT

Batch: 7578598

SCHEDULE				ACTUAL			REMAINING			STATUS
Hours	Cycles	Days	Date	Hours	Cycles	Days	Hours	Cycles	Days	
	60000			10428:38	8416	2101	0:00	51584	0	OPEN
				43755:56	33715	3230	0:00	0	0	
				43755:56	33715	3230	0:00	0	0	

■ P/N: 2309-3515-001

P/N S/N: OF-5979017-03

Control Items	Description
MLG MAIN SIDE STRUT SHAFT	(LIFE LIMITED PART) UNSCHED - T/C "MAIN GEAR REMOVE"
TSI	
TSN	
UPR AXL LIFE35K	UNSCHED - T/C "MAIN GEAR REMOVE"

SHAFT, MLG SIDE STRUT

Batch: 2169451

SCHEDULE				ACTUAL			REMAINING			STATUS
Hours	Cycles	Days	Date	Hours	Cycles	Days	Hours	Cycles	Days	
	60000			6408:42	33715	1475	0:00	26285	0	OPEN
				43755:56	33715	1475	0:00	0	0	
				43755:56	33715	1475	0:00	0	0	
				0:00	0	0				TERMINATED

■ P/N: 2309-3516-001

P/N S/N: 1219044/001

Control Items	Description
MLG MAIN SIDE STRUT PIVOT PIN	(LIFE LIMITED PART) UNSCHED - T/C "MAIN GEAR REMOVE"
TSI	
TSN	

PIVOT PIN, MLG MAIN SIDE STRUT

Batch: 2108361

SCHEDULE				ACTUAL			REMAINING			STATUS
Hours	Cycles	Days	Date	Hours	Cycles	Days	Hours	Cycles	Days	
	60000			6408:42	14563	1475	0:00	45437	0	OPEN
				18241:02	14563	1475	0:00	0	0	
				18241:02	14563	1475	0:00	0	0	

P/N Detail Print

Print Date: 10/15/2020 17:56

Page: 3 of 3



■ P/N: 2309-3706-501

P/N S/N: OF-6752847/04

CARDAN ASSY, MLG MAIN SIDE STRUT

Batch:

2169119

Control Items	Description
CRDN S/STRUT LIF60K	UNSCHED - T/C "MAIN GEAR REMOVE"
TSI	
TSN	

SCHEDULE				ACTUAL			REMAINING			STATUS
Hours	Cycles	Days	Date	Hours	Cycles	Days	Hours	Cycles	Days	
				0:00	0	0				TERMINATED
				43755:56	33715	1475	0:00	0	0	
				43755:56	33715	1475	0:00	0	0	



Landing Gear Maintenance Report

E145 MLG SECONDARY SIDE STRUT ASSY

Sales Order: 660041927	
Mfg P/N: 2308-2600-505	A/C: N48901
Mfg S/N: 618	MSN: 501
CPN: N/A	PO: RO-3180-145501

Customer Documentation Package

Evaluation Report and Airworthiness Release Certificate

Life Limit Report

Service Bulletin Report

Customer Purchase Order (PO, RO, SO)

Concessions

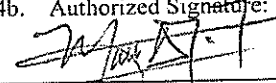
Certificates for New Parts

Certificates for Replaced Parts (with Traceability)

Previous Operator Traceability

FAA REPAIR STATION RJ3R817L
EASA: DE.145.0001

Prepared By: May Maryzana Maginde
Digitally signed by May Maryzana Maginde
Date: 2022.10.19 16:56:45 -07'00'

1. Approving Civil Aviation Authority / Country FAA / United States		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, Airworthiness Approval Tag			3. Form Tracking Number: 158306	
4. Organization Name and Address:		HAWKER PACIFIC AEROSPACE  Hawker Pacific Aerospace Repair Station No. RJ3R817L 11240 Sherman Way Sun Valley, CA. 91352			5. Work Order/Contract/Invoice No./P.O.: 660041927 / 51678759 / / RO-3180-145501	
6. Item	7. Description	8. Part Number	9. Quantity	10. Serial Number	11. Status/Work	
1	SECONDARY SIDE STRUT, ASSEMBLY	2309-2600-505	1	618	OVERHAULED	
12. Remarks: Life Details: TSN: 44231:09 CSN: 34156.00 TSO: ZERO CSO: ZERO OVERHAULED IN ACCORDANCE WITH ELEB CMM 32-10-04 REV 12, DATED 30AUG2015. COMPLIED WITH ELEB-TD 2022-027468 DATED 01SEPT2022, ELEB-TD 2022-030023 DATED 27SEPT2022 MOD B SEE ATTACHEMENTS FOR AD/SB STATUS AND LLP DATA.						
13a. Certifies the items identified above were manufactured in conformity to: ☐ Approved design data and are in condition for safe operation. ☐ Non-approved design data specified in Block 12.				14a. ☒ 14 CFR 43.9 Return to Service ☐ Other regulation specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.		
13b. Authorized Signature:		13c. Approval / Authorization No.:		14b. Authorized Signature:  		14c. Approval Certificate No.: RJ3R817L
13d. Name:		13e. Date:		14d. Name: Manuel Donan		14e. Date: (dd/mm/yyyy) 21.Oct.2022
USER / INSTALLER RESPONSIBILITIES						
Note: 1). It is important to understand that the existence of the document alone does not automatically constitute authority to install the part/component/assembly. 2) Where the user/installer works in accordance with the national regulations of an Airworthiness Authority different than the Airworthiness Authority of the country specified in block 1, it is essential that the user/installer ensures that his/her Airworthiness Authority accepts parts/components/assemblies from the Airworthiness Authority of the country specified in block 1. 3) Statements 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance record must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.						

NSN: 0052-00-012-9005

Evaluation Report

HAWKER PACIFIC AEROSPACE

FAA Repair Station RJ3R817L



Hawker Pacific Aerospace
11240 Sherman Way
Sun Valley, CA. 91352 USA
Tel: (818) 765-6201
Fax: (818) 765-4158

Event: L-00528-SSS Sales Order: 660041927
Receipt Date: Aug 9, 2022
Customer JSX
Customer P.O. RO-3180-145501
Urgency Tail # N48901

Receiving Planner Work Order Information

Qty	P.O. Part Number	Description	Serial Number	Manufacturer		Eligibility
1	2309-2600-505	SECONDARY SIDE STRUT, ASSEMBLY	618	ELEB - EQUIPAMENTOS LTDA DO BRASIL		ERJ 140/145
Customer Reported Discrepancy			CSO	CSN	TSO	TSN
NONE			14563.00	34156.00	18241:02	44231:09
Warranty		N/A				
Customer Instructions		OVERHAUL				

Initial Evaluation Results

LH SECONDARY SIDE STRUT RECEIVED IN NORMAL WEAR CONDITION, NO REPORTS ON MISSING OR DAMAGED PARTS. UNIT TO BE OVERHAULED IAW CMM.

Initial Test

Repair Action Description

Work accomplished

OVERHAULED IN ACCORDANCE WITH ELEB CMM 32-10-04 REV 12, DATED 30AUG2015.
COMPLIED WITH ELEB-TD 2022-027468 DATED 01SEPT2022, ELEB-TD 2022-030023 DATED 27SEPT2022

MOD B

CSO: 00:00

TSO: 00:00

SEE ATTACHEMENTS FOR AD/SB STATUS AND LLP DATA.

Repair Action Descr. created by	U588484	Print by:	U588484	Print at:	Oct 20, 2022
As shipped Part Number	2309-2600-505	S / N	618	Publication	32-10-04



Landing Gear Maintenance Report

E145 MLG SECONDARY SIDE STRUT ASSY

Sales Order: 660041927	
Mfg P/N: 2309-2600-505	A/C: N48901
Mfg S/N: 618	MSN: 501
CPN: N/A	PO: RO-3180-145501

Evaluation Report and Airworthiness Release Certificate

FAA REPAIR STATION RJ3R817L
EASA: DE.145.0001

Responsible for content: LAXUG 616/ Erica Arellano

Activity-related document
IQ MOVE Document No.: 35383 (Rev.4)



Landing Gear Maintenance Report

E145 MLG SECONDARY SIDE STRUT ASSY

Sales Order: 660041927	
Mfg P/N: 2309-2600-505	A/C: N48901
Mfg S/N: 618	MSN: 501
CPN: N/A	PO: RO-3180-145501

Life Limit Report

FAA REPAIR STATION RJ3R817L
EASA: DE.145.0001

Responsible for content: LAXUG 616/ Erica Arellano

Activity-related document
IQ MOVE Document No.: 35383 (Rev.4)



LIFE LIMIT REPORT

EMB-145 MLG SECONDARY SIDE STRUT ASSY

Sales Order: 660041927		
Mfg P/N:	2309-2600-505	A/C: N48901
Mfg S/N:	618	MSN: 501
CPN:	N/A	PO: RO-3180-145501

AS RECEIVED BY HPA

MFG P/N	NOMENCLATURE	MFG S/N	SLL*	CSN	REMAINING SLL
2309-2600-505	SECONDARY SIDE STRU	618	UNLIMITED	34,156	N/A
2309-2608-503	UPR STRUT ASSY	OF670670-9/04	UNLIMITED	34,156	REPLACED
2309-2611-003	UPR STRUT	OF:2445824-04	60,000	34,156	REPLACED
2309-2601-501	LWR STRUT ASSY	6905604-07	UNLIMITED	33,647	N/A
2309-2624-001	LWR STRUT	5299113/22	60,000	33,647	26,353
2309-2617-001	CARDAN ASSY	OF6628123/01	JNLIMITED	34,156	REPLACED
2309-2618-001	CARDAN	OF299058-027	60,000	34,156	REPLACED
2309-2621-001	SHAFT	1386561/012	60,000	14,563	REPLACED
2309-2626-001	BOLT	OF5792765/46	60,000	34,156	25,844
2309-2613-001	PIVOT AXLE	OF2445957/06	60,000	34,156	REPLACED
2309-2650-005	SPRING CARTRIDGE	1342335/012	UNLIMITED	14,563	N/A
2309-2651-005	SPRING	1342335/012	60,000	14,563	45,437
2309-2650-005	SPRING CARTRIDGE	1342335/014	UNLIMITED	14,563	N/A
2309-2651-005	SPRING	1342335/014	60,000	14,563	45,437

AS RELEASED BY HPA

MFG P/N	MFG S/N	CSN	REMAINING SLL	CSO	PREVIOUS OPERATOR
2309-2600-505	618	34,156	N/A	0	N48901
2309-2608-503	OF9462297/03	37,054	N/A	0	N15986
2309-2611-003	802323-426	37,054	22,946	0	N15986
2309-2601-501	6905604-07	33,647	N/A	0	N48901
2309-2624-001	5299113/22	33,647	26,353	0	N48901
2309-2617-001	1907131/002	0	N/A	N/A	NEW
2309-2618-001	00054	0	60,000	N/A	NEW
2309-2621-001	1899146/003	0	60,000	N/A	NEW
2309-2626-001	OF5792765/46	34,156	25,844	0	N48901
2309-2613-001	3037555	0	60,000	N/A	NEW
2309-2650-005	1342335/012	14,563	N/A	0	N48901
2309-2651-005	1342335/012	14,563	45,437	0	N48901
2309-2650-005	1342335/014	14,563	N/A	0	N48901
2309-2651-005	1342335/014	14,563	45,437	0	N48901

*SAFE LIFE LIMITS (SLL) MRB-145/1150 Rev. 21 Dated 16-JUN-2020

Cumulative cycle information for each life limited component or assembly is provided by and recorded under the responsibility of the customer. Safe life limits have been reviewed and verified to approved and/or accepted data. Deviations from the technical publication's safe life limit may be reflected, as dictated by the customer.

FAA REPAIR STATION RJ3R817L
EASA: DE.145.0001

Prepared By: May Maryzana Maginde Stamp: May Maryzana Maginde
Date: 10/19/2022

Responsible for content: LAXUG 610/ Patrick Keller

Activity-related document
IQ MOVE Document No.: 28067



Landing Gear Maintenance Report

E145 MLG SECONDARY SIDE STRUT ASSY

Sales Order: 660041927	
Mfg P/N: 2309-2600-505	A/C: N48901
Mfg S/N: 618	MSN: 501
CPN: N/A	PO: RO-3180-145501

Service Bulletin Report

FAA REPAIR STATION RJ3R817L
EASA: DE.145.0001



FAA REPAIR STATION RJ3R817L

EASA: DE.145.0001

Service Bulletin Report

E145 MLG SECONDARY SIDE STRUT ASSY

Sales Order: 660041927			
Mfg P/N:	2309-2600-505	A/C:	N48901
Mfg S/N:	618	MSN:	501
CPN:	N/A	PO:	RO-3180-145501

[illegible]

LEGEND:

PCW - PREVIOUSLY COMPLIED WITH

CW - COMPLIED WITH (THIS VISIT)

PARTIAL - PARTIALLY COMPLIED WITH

N/A - NOT ACCOMPLISHED

N/R - NOT REQUIRED

Prepared by: DANIEL AGUILAR Stamp: DLA2077

Date: 9/8/2022



Landing Gear Maintenance Report

E145 MLG SECONDARY SIDE STRUT ASSY

Sales Order: 660041927	
Mfg P/N: 2309-2600-505	A/C: N48901
Mfg S/N: 618	MSN: 501
CPN: N/A	PO: RO-3180-145501

Customer Purchase Order (PO, RO, SO)

FAA REPAIR STATION RJ3R817L
EASA: DE.145.0001

Responsible for content: LAXUG 616/ Erica Arellano

Activity-related document
IQ MOVE Document No.: 35383 (Rev.4)

JSX

Kingman Aviation
7100 Flightline Dr, ATTN: JSX REP
Kingman, AZ, 86401
Phone: 469-791-7344

Repair Order

Order No.
RO-3180-145501

Account No.

Date

05-Aug-2022



Return To Address

Kingman Aviation
7100 Flightline Dr
ATTN: JSX REP
Kingman
AZ
86401
US
Phone: 469-791-7344

Bill To Address

Kingman Aviation
1341 W. Mockingbird Lane
600E
Dallas
TX
75247
US
Phone: 469-791-7335
Email: accountspayable@jsx.com

Vendor / Ship To Address

Hawker Pacific Aerospace
11240 Sherman Wy
Sun Valley
CA
91352

Purchase Agent		Shipping Method	Terms	Order Type	Priority	Order Reason	
Christian Brand		WILL CALL		Repair Order	Scheduled Maintenance	Scheduled Or Unscheduled Maintenance	
Line	Item / Description	Serial No.	Transaction Type	Qty	UOM	Unit Cost	Ext. Cost
1	2309-3002-515 MLG LEG STRUT ELEB - Equipped Leg Strut	247	Overhaul	1	EA	USD	USD
2	2309-2005-007 MLG Shock Absorber Assy	1281	Overhaul	1	EA	USD	USD
3	2309-2600-505 MLG Secondary Side Strut Assy	618	Overhaul	1	EA	USD	USD
4	2309-3037-605 MLG LEG STRUT ELEB - Equipped Trailing Arm	OF-9597937-0	Overhaul	1	EA	USD	USD
5	2309-3002-516 MLG LEG STRUT ELEB - Equipped Leg Strut	247	Overhaul	1	EA	USD	USD
6	2309-2005-001 MLG Shock Absorber Assy	022	Overhaul	1	EA	USD	USD
7	2309-3500-503 MLG Main Side Strut Assembly	482	Overhaul	1	EA	USD	USD
8	2309-2600-507 MLG Secondary Side Strut Assy	903	Overhaul	1	EA	USD	USD
9	2309-3037-403 Trailing arm	OF493547-3101	Overhaul	1	EA	USD	USD
10	1170S0000-01 NLG LEG STRUT LIEBHERR - Assembly	00245	Overhaul	1	EA	USD	USD
11	1172C0000-02 Main Drag Strut Assy	SP649-01	Overhaul	1	EA	USD	USD
12	1173B0000-03 NLG AUXILIARY DRAG STRUT Liebherr - Auxiliary Drag Strut Assy	SP654-01	Overhaul	1	EA	USD	USD
13	2309-3500-503 MLG Main Side Strut Assembly	OF6988270-01	Overhaul	1	EA	USD	USD

Remarks: TOTAL GEAR COST \$ 246,453.00

Parts Total	USD 0.00
Taxes	USD 0.00
Freight	USD 0.00
Other	USD 0.00
Order Total	USD 0.00

Purchasing Agent	Authorized Signature	Date
Christian Brand		

Shipping Info:
WILL CALL

Order Info:

Aircraft: / SN:
Aircraft Model: EMB-145LR
Invoice No: 9140018430
WP No:

JSX

Kingman Aviation
7100 Flightline Dr, ATTN: JSX REP
Kingman, AZ, 86401
Phone: 469-791-7344

Repair Order

Order No.
RO-3180-145501

Account No.

Date
05-Aug-2022



Return To Address

Kingman Aviation
7100 Flightline Dr
ATTN: JSX REP
Kingman
AZ
86401
US
Phone: 469-791-7344

Bill To Address

Kingman Aviation
1341 W. Mockingbird Lane
600E
Dallas
TX
75247
US
Phone: 469-791-7335
Email: accountspayable@jsx.com

Vendor / Ship To Address

Hawker Pacific Aerospace
11240 Sherman Wy
Sun Valley
CA
91352

Purchase Agent

Christian Brand

Shipping Method

WILL CALL

Terms

Order Type

Repair Order

Priority

Scheduled
Maintenance
WO No:

Order Reason

Scheduled Or Unscheduled
Maintenance



Landing Gear Maintenance Report

E145 MLG SECONDARY SIDE STRUT ASSY

Sales Order: 660041927	
Mfg P/N: 2309-2600-505	A/C: N48901
Mfg S/N: 618	MSN: 501
CPN: N/A	PO: RO-3180-145501

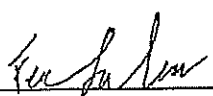
Concessions

FAA REPAIR STATION RJ3R817L
EASA: DE.145.0001

Responsible for content: LAXUG 616/ Erica Arellano

Activity-related document
IQ MOVE Document No.: 35383 (Rev.4)

IDR 37142

Part Data Part Description LOWER SEC. SIDE STRUT ASSY P/N 2309-2601-501:005TK S/N 6905604-07 Customer S/N Detail P/N 2309-2624-001:005TK Detail S/N 5299113/22		Event Data Repair Order 51681974 Event L-00528-SSS Sales Order 660041927 Product (A/C Type) ERJ-145 Tail Sign N48901 Customer/Operator 101896 JSX Customer PO RO-3180-145501	
IDR Details IDR Status CL - Closed IDR Issue Date 18.Aug.2022 IDR Close Date 13.Oct.2022		Additional Data TSN 43371.75 FH CSN 33647.00 CYC OEM Ref. 32-10-04 OEM ELEB	
Discrepancy OUTER FACES AT BORES (E1) AND (E2) RECEI LIMITS.			
OEM/DER Response ELEB-TD 2022-027468 Response date 01.Sep.2022			
Customer Response CUSTOMER RESPONSE NOT REQUIRED Response date 01.Sep.2022			
Engineer / Signature 	Date OCT 13 2022 Stamp F.L. 2247	Inspector / Signature 	Date OCT 17 2022 Stamp 

IDR 37142

This Document holds no airworthiness approval and reference to OEM approval is required. The purpose of this document is for transmittal of engineering information within the Part 145 production facility only.

IDR 37142

HAWKER PACIFIC
AEROSPACE



FAA Repair Station RJ3R817L
EASA: DE.145.0001

OUTER FACES AT BORES (E1) AND (E2) RECEIVED CORRODED AND MACHINE UNDER LIMITS .

This Document holds no airworthiness approval and reference to OEM approval is required. The purpose of this document is for transmittal of engineering information within the Part 145 production facility only.

**ELEB****CUSTOMER
SUPPORT****ELEB Equipamentos Ltda.**

Rua Itabaiana, 40 – 12237-540 - São José dos Campos - SP – Brazil

Technical Disposition**ELEB-TD 2022-027468**

REV.: /

SUBJECT**EMB-145 - MLG Lower Secondary Side Strut Repair****CONTACT****To:** Hawker Pacific Aerospace (HPA)
Phone: +1 818-765-6201 X449
fernando.loza@hawker.com**From:** ELEB Customer Support Engineering
Phone: + 55 12 3935-5313/5456/5216
technicalsupport.eleb@embraer.com.br**IDENTIFICATION**

Operator / Customer:	A/C:	A/C S/N / REG:	FH:	FC:
Delux Public Charter - JETSUITEX	EMB-145	145501 (N48901)	N/I	N/I

Part Number:	Part Number S/N:	FH:	FC:	Assembly (NHA) P/N / S/N
2309-2624-001	5299113/22	43371:45	33647.00	2309-2601-501/ 6905604-07

REPAIR DATA

Repair Classification: <i>(made by requester)</i>	Minor	Reference:	# B
Permanente Repair?	Yes	Limitation for temporary repair:	Not applicable

RULES

- The technical disposition contained in this document is based solely on the data explicitly reported by the Customer. As no other information was provided by the Customer, ELEB assumes that the area/structural component(s) related to this technical disposition did not have any other previous damage and/or repair incurred to it. Therefore, ELEB disclaims any and all responsibility for incorrect, inaccurate or incomplete information provided by the Customer related to this matter.
- In case of any conflict between this document and any mandatory requirements issued by the Local Regulatory Authority, including but not limited to Airworthiness Directives, the Local Regulatory Authority document/orientation shall prevail.
- The contents herein are intended for information only and do not constitute airworthiness release approval. Any such approval must be given by the owner or operator of the aircraft according to the local regulatory authority procedures.

REFERENCES

- # A: E-mail received from Mr. Fernando Loza on August 30, 2022;
- # B: Inspection Discrepant Report # IDR 37142;
- # C: CMM TP 145/1191_32-10-04.

REVISION HISTORY

Rev. 1: First Issue.

**ELEB****CUSTOMER
SUPPORT****ELEB Equipamentos Ltda.**

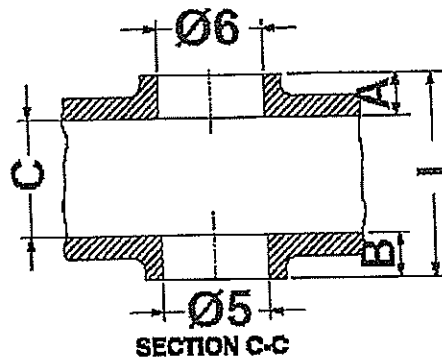
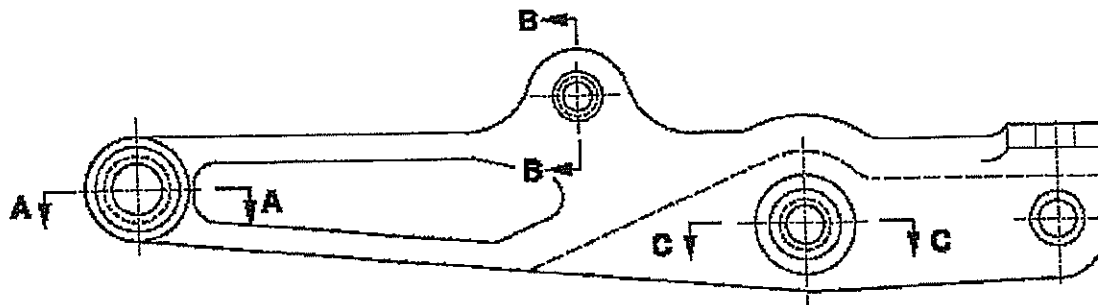
Rua Itabaiana, 40 – 12237-540 - São José dos Campos - SP – Brazil

Technical Disposition**ELEB-TD 2022-027468**

REV.: /

DESCRIPTION / REPORT / REQUEST

As per reported per reference # B, due to corrosion, the section "C-C" indicated in the figure below needed to be machined beyond CMM limits:



REF.:	Ø5	Ø6	C	L	lug B	lug A
REPAIR	1.0080" (25.603 mm)	1.0080" (25.603 mm)	0.7520" (19.101 mm)	1.4550" (36.957 mm)	N/I Material removed from external face = 0.0190" (0.483 mm)	N/I Material removed from external face = 0.0160" (0.406 mm)
DESIGN	24 H7 mm		19.1 ± 0.2 mm	38 ± 0.2 mm	9.250 mm (minimum)	
CMM LIMIT	26.021 mm (Max.)		-----	37.000 mm (Min.)	Note: Max. 0.500 mm of material removal from lug's external faces	

HPA asks if the repair performed can be structurally and functionally acceptable to the component return to service.

This document was electronically signed by

Auster W. Silva (awsilva)

September 1, 2022

Page 2 of 3

**ELEB****CUSTOMER
SUPPORT****ELEB Equipamentos Ltda.**

Rua Itabaiana, 40 – 12237-540 - São José dos Campos - SP – Brazil

Technical Disposition**ELEB-TD 2022-027468**

REV.: /

TECHNICAL DISPOSITION

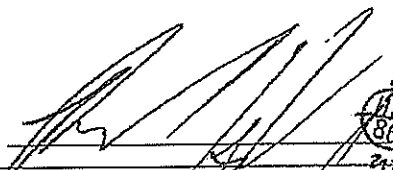
Provided that the following instructions are accomplished, ELEB's Engineering states that this Component can be structurally and functionality acceptable to return to service:

1. Refer to CMM TP 145/1191_32-10-04;
 2. Perform NDT inspection as per CMM instructions and make sure the part is free from crack and corrosion;
 3. Perform the Glass bead peening treatment to the repaired areas according to AMS 2431/6:
 - a. intensity 0.009 to 0.013N,
 - b. shot size AGB-35,
 - c. coverage 125 % minimum.
 4. Restore the surface protection per CMM instructions as required (Refer to Table 601);
 5. Install the repair bushings per CMM instruction (Refer to Table 609, Figures 601 and 605);
 6. Remaining activities must be performed as per CMM instructions as required.
-

IDR 37299

HAWKER PACIFIC
AEROSPACE

FAA Repair Station RJ3R817L
EASA: DE.145.0001

Part Data		Event Data	
Part Description	UPPER SEC. SIDE STRUT ASSY	Repair Order	51694767
P/N	2309-2608-503:005TK	Event	L-00515-SSS
S/N	OF9462297/03	Sales Order	660041592
Customer S/N		Product (A/C Type)	ERJ-145
Detail P/N	2309-2611-003:005TK	Tail Sign	N15986
Detail S/N	802323-426	Customer/Operator	101896 JSX
		Customer PO	RO-2725-145254
IDR Details		Additional Data	
IDR Status	CL - Closed	TSN	48234.11 FH
IDR Issue Date	13.Sep.2022	CSN	37054.00 CYC
IDR Close Date	20.Oct.2022	OEM Ref.	32-10-04
		OEM	ELEB
Discrepancy			
FACES MACHINED U/S TO REMOVE CORROSION			
OEM/DER Response			
ELEB-TD 2022-030023		Response date	27.Sep.2022
Customer Response			
CUSTOMER EA NOT REQUIRED FOR JSX		Response date	20.Oct.2022
Engineer / Signature	Date	Inspector / Signature	Date
	10/20/22		10/20/2022
	Stamp		Stamp
			

IDR 37299

This Document holds no airworthiness approval and reference to OEM approval is required. The purpose of this document is for transmittal of engineering information within the Part 145 production facility only.



Hawker Pacific Aerospace
11240 SHERMAN WAY
SUN VALLEY, CA 91352-4942

HAWKER PACIFIC
AEROSPACE

FAA Repair Station RJ3R817L

EASA: DE.145.0001

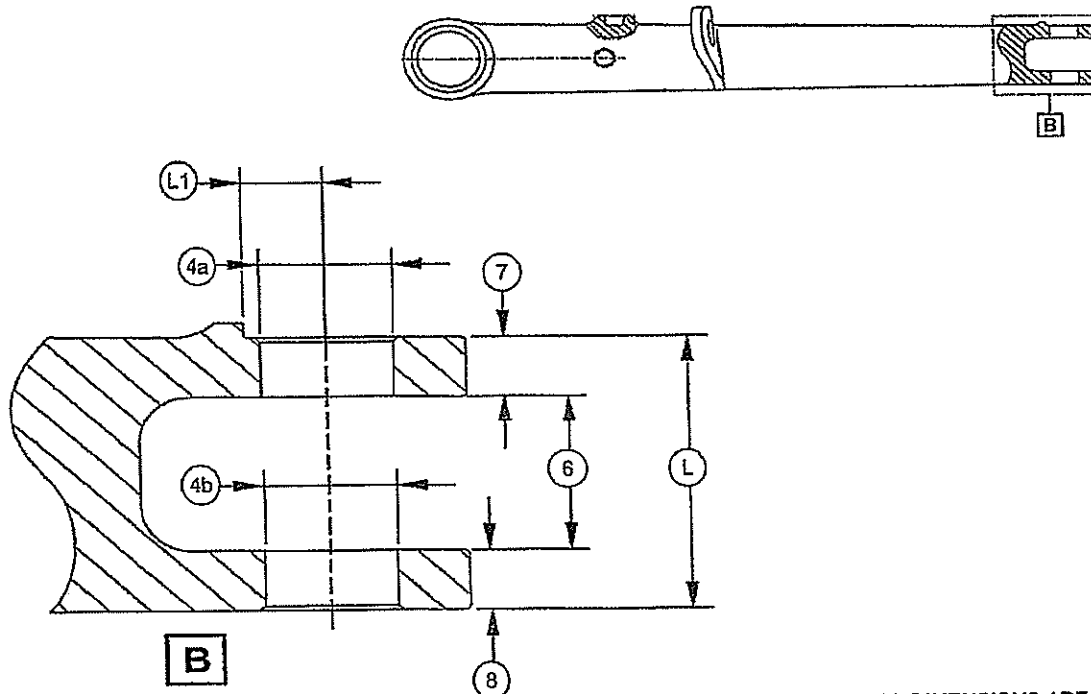
Issue No.: 2

28.SEP.2020

Inspection Discrepancy Report (IDR)

IDR Document No. 37299	Rev. No. 0	Date 9/26/2022	Sales Order No. 660041592	Work Order No. 51669467	
Part Description UPPER STRUT ASSY	Part Number 2309-2608-503		Serial Number OF9462297/03	A/C Type EMB-145	CMM 32-10-04
Detail Part Description UPPER STRUT	Detail Part Number 2309-2611-003		Detail Serial Number 802323-426	A/C Tail No. (MSN) N15986	
Description Outer lug faces machined / bores and lugs machined beyond CMM limits / anti-rotation face machined ...to remove corrosion. All other dimensions within CMM.					
Proposed Resolution - Glass bead peen and NDT all reworked areas. Apply anodizing or Alodine to prevent corrosion. - Fabricate and install bushings to restore dimensions. Restore anti-rotation face dimension with Hysol epoxy. - Complete restoration and refinish in accordance with CMM.					

REFERENCE #	4a	4b	L1	5	7	8	L
Design Dim.	0.5314 0.5322	0.5314 0.5322	0.3346 0.3425	0.7087 0.7126	0.2697 0.2795	0.2697 0.2795	1.2519 1.2677
Repair Limit	0.5905	0.5905	NOT PROVIDED	0.7795 * 0.7953 *	0.2362 MIN 0.2280 (IDR)	0.2362 MIN 0.2280 (IDR)	NOT PROVIDED
As Received/ Post Rework	0.5773	0.5773	0.3520	0.7760	0.2270	0.2440	1.2460



ALL DIMENSIONS ARE IN INCHES

TODAY'S DATE:	9/26/2022	REPAIR CLASSIFICATION:	Minor
NEED BY/DUE DATE:	10/3/2022	SUBMITTED BY:	HPA Engineering
PART CSN:	37054.00	EMAIL:	eng_configuration@hawker.com
PART TSN:	48234:07	PHONE NUMBER:	+1 (818) 765-6201 x199

**ELEB****CUSTOMER
SUPPORT****ELEB Equipamentos Ltda.**

Rua Itabaiana, 40 - 12237-540 - São José dos Campos - SP - Brazil

Technical Disposition**ELEB-TD 2022-030023**

REV.:/

SUBJECT**EMB-145 - MLG Upper Secondary Side Strut Repair****CONTACT****To:** Hawker Pacific Aerospace (HPA)
Phone: +1-818- 765-6201 ext. 259
arturo.duran@hawker.com**From:** ELEB Customer Support Engineering
Phone: + 55 12 3935-5313/5456/5216
technicalsupport.eleb@embraer.com.br**IDENTIFICATION**

Operator / Customer:	A/C:	A/C S/N / REG:	FH:	FC:
Delux Public Charter - JETSUITEX	EMB-145	145254 (N15986)	N/I	N/I
Part Number:	Part Number S/N:	FH:	FC:	Assembly (NHA) P/N / S/N
2309-2611-003	802323-426	48234:07	37054.00	2309-2608-503 / OF9462297/03

REPAIR DATA

Repair Classification: <i>(made by requester)</i>	Minor	Reference:	# B
Permanente Repair?	Yes	Limitation for temporary repair:	Not applicable

RULES

- * The technical disposition contained in this document is based solely on the data explicitly reported by the Customer. As no other information was provided by the Customer, ELEB assumes that the area/structural component(s) related to this technical disposition did not have any other previous damage and/or repair incurred to it. Therefore, ELEB disclaims any and all responsibility for incorrect, inaccurate or incomplete information provided by the Customer related to this matter.
- * In case of any conflict between this document and any mandatory requirements issued by the Local Regulatory Authority, including but not limited to Airworthiness Directives, the Local Regulatory Authority document/orientation shall prevail.
- * The contents herein are intended for information only and do not constitute airworthiness release approval. Any such approval must be given by the owner or operator of the aircraft according to the local regulatory authority procedures.

REFERENCES

- # A: Email received from Mr. Arturo Duran on September 26, 2022;
- # B: Inspection Discrepant Report # IDR 37299;
- # C: CMM TP 145/1191_32-10-04.

REVISION HISTORY

Rev. I: First issue.



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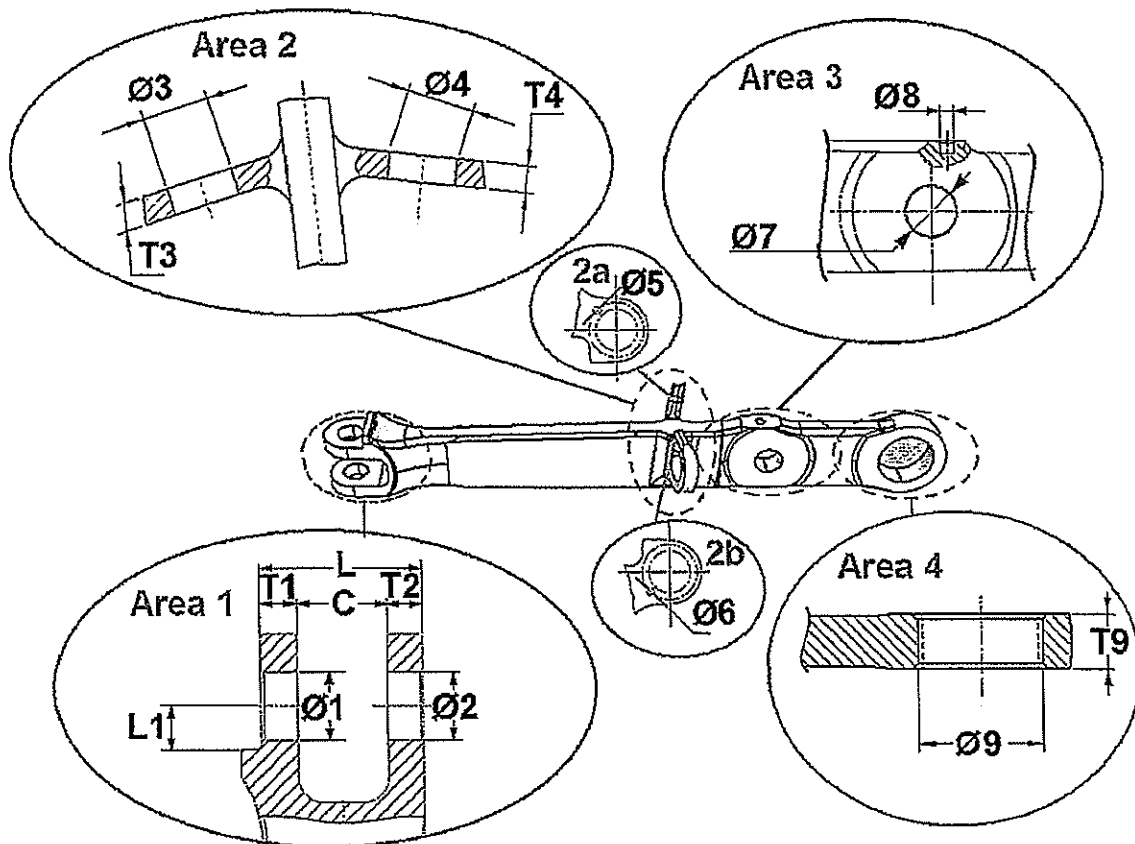
Technical Disposition

ELEB-TD 2022-030023

REV.: /

DESCRIPTION / REPORT / REQUEST

As per reported by Hawker Pacific Aerospace through reference # B, in order to remove corrosion from the bores, inner and outer lugs faces (refer to: Area 1), the subject Upper Secondary Side Strut was re-worked to the final dimensions as noted on the sketch and tables below:



Reference	AREA 1						
	Ø1	Ø2	C	L	L1	T1	T2
# B	0.5773" (14.663 mm)	0.5773" (14.663 mm)	0.7760" (19.710 mm)	1.2460" (31.648 mm)	0.3520" (8.941 mm)	0.2270" (5.766 mm)	0.2440" (6.198 mm)
Design limit	13.5 H7		18 + 0.1 mm	32 ± 0.2 mm	8.5 +0.2 mm	6.85 to 7.1 mm	
CMM limit	15 mm		Allowed to machine inside face to face - Refer figure 605	-----	-----	6.0 mm (minimum) Allowed to machine inside face to face - Refer figure 605	



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Technical Disposition

ELEB-TD 2022-030023

REV.: /

	AREA 2					
Reference	Ø3	Ø4	T3	T4	Ø5	Ø6
# B	Not machined	Not machined	Not machined	Not machined	Not machined	Not machined
Design limit	16.2 ± 0.2 mm		6.5 ± 0.1 mm		3.5 ± 0.3 mm	
CMM limit	19.021 mm (max)		4.0 to 5.5 mm		-----	

	AREA 3		AREA 4	
Reference	Ø7	Ø8	Ø9	T9
# B	Not machined	Not machined	Not machined	Not machined
Design limit	15 H7 mm	4.5 H7 mm	30.157 ± 0.013 mm	13.1 -0.2 mm
CMM limit	17 mm	5.712 mm (max)	30.396 to 30.409 mm* 30.650 to 30.663 mm**	-----

* To use repair bearing MS14101-10T/ ** To use repair bearing MS14101-10U

HPA asks if the repairs performed can be structurally acceptable.

TECHNICAL DISPOSITION

Provided that the following instructions are accomplished, ELEB's Engineering states that this Component can be structurally and functionality acceptable to return to service:

1. Refer to CMM TP 145/1191_32-10-04;
2. Perform NDT inspection as per CMM instructions and make sure the part is free from crack and corrosion;
3. Perform the Glass bead peening treatment to the repaired areas and bearing housing ID according to AMS 2431/6:
 - a. intensity 0.009 to 0.013N,
 - b. shot size AGB-35,
 - c. coverage 125 % minimum.
4. Restore the surface protection per CMM instructions as required (Refer to Table 601);
5. Do the repair bushings P/N 2309-5001-306 installation as per CMM instructions (Refer to table 609 and figure 605);



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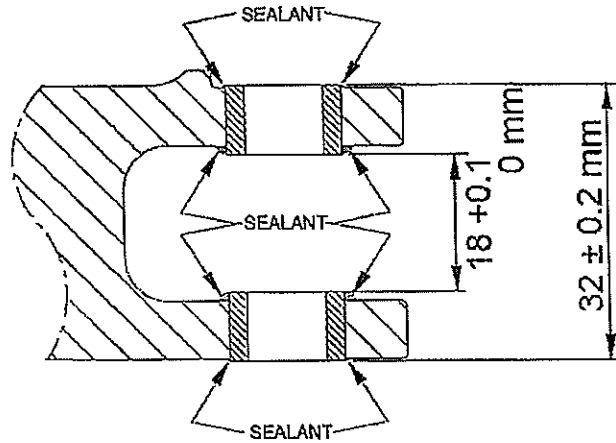
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Technical Disposition

ELEB-TD 2022-030023

REV.: /

Note: Adjust the distance between flanges (inner and outer faces). See figure below:



6. Remaining activities must be performed as per CMM instructions as required.



Landing Gear Maintenance Report

E145 MLG SECONDARY SIDE STRUT ASSY

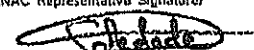
Sales Order: 660041927	
Mfg P/N: 2309-2600-505	A/C: N48901
Mfg S/N: 618	MSN: 501
CPN: N/A	PO: RO-3180-145501

Certificates for New Parts

FAA REPAIR STATION RJ3R817L
EASA: DE.145.0001

Responsible for content: LAXUG 616/ Erica Arellano

Activity-related document
IQ MOVE Document No.: 35383 (Rev.4)

1 País (Country) BRASIL		2 Título (Title) AGÊNCIA NACIONAL DE AVIAÇÃO CIVIL (BRAZILIAN CIVIL AVIATION AUTHORITY) CERTIFICADO DE LIBERAÇÃO AUTORIZADA (AUTHORIZED RELEASE CERTIFICATE) ETIQUETA DE APROVAÇÃO DE AERONAVEGABILIDADE (AIRWORTHINESS APPROVAL TAG) FORMULÁRIO (FORM) F-100-01 (SEGVÔO 003)			3 Certificado No. (Certificate No./System tracking Ref.) 2003846297	
4 Empresa (nome e endereço) (Organization Name and Address) Embraer S.A. 276 S.W. 34th Street - Ft. Lauderdale, FL 33315 - COP E-7203-01				5 Ordem de Serviço/Contrato/Nota Fiscal (Work Order, Contract or Invoice) 0071095864		
6 Item (Item)	7 Descrição (Description)	8 Número da Peça (Part Number)	9 Quantidade (Quantity)	10 Número do Série/Lote (Serial/Batch Number)	11 Categoria/Trabalho (Status/Work)	
000001	AXLE	2309-2613-001	1	3037555	NEW	
12 Observações (Remarks) Export. Doc. Ref.(Ref. Document): 0802711114 / 2022.						
Partes com vida limitada devem ser acompanhadas de histórico de manutenção incluindo tempo total/ciclo total/tempo desde que novo. (Limited life parts must be accompanied by maintenance history including total time/total cycles/time since new.)						
13 Certifique que o(s) item(ns) acima identificado (s) foi (foram) fabricado(s) em conformidade com: (Certify that the item(s) identified above was (were) manufactured in conformity to): ☒ dados de projeto aprovados e está (ão) em condição segura de operação (approved design data and are in a condition for safe operation) ☐ dados de projeto não aprovado especificados no bloco 12 (non-approved design data specified in block 12)			18 ☐ Retorno ao serviço de acordo com RBAC 43.9 (Return to service in accordance with RBAC 43.9) Certifique que, a menos especificado no bloco 12, o trabalho especificado no bloco 11, e descrito no bloco 12, foi executado de acordo com o Regulamento Brasileiro da Aviação Civil - RBAC 43 e, em relação ao trabalho realizado, a(s) peça (s) é (são) aprovada (s) para retorno ao serviço. (Certify that, unless otherwise specified in block 12, the work identified in block 11 and described in block 12, was accomplished in accordance with Brazilian Civil Aviation Regulations - RBAC 43 and in respect to the work performed the part(s) is (are) approved for return to service.) ☐ Outros regulamentos especificados no bloco 12 (Others regulations specified in block 12)			
14 Assinatura do Representante da ANAC (ANAC Representative Signature) 		15 No. Autorização da ANAC (ANAC Authorization No.) DOI 2020-018 / COP E-7203-01		19 Pessoa Autorizada (Authorized Signature)		20 No. COM/CJA (Certificate Number)
16 Nome (Name) Jose da Silveira		17 Data (Date) 14/SEP/2022		21 Nome (Name)		22 Data (Date)
* O INSTALADOR DEVE FAZER VERIFICAÇÃO CRUZADA DA APLICABILIDADE ATRAVÉS DOS DADOS TÉCNICOS APLICÁVEIS (INSTALLER MUST CROSS CHECK ELIGIBILITY WITH APPLICABLE TECHNICAL DATA) RESPONSABILIDADE DO USUÁRIO / INSTALADOR (USER / INSTALLER RESPONSIBILITY) É IMPORTANTE COMPREENDER QUE A EXISTÊNCIA DESTES DOCUMENTOS POR SI SÓ NÃO CONSTITUI AUTOMATICAMENTE UMA AUTORIZAÇÃO PARA INSTALAR A PARTE/COMPONENTE/CONJUNTO. (IT IS IMPORTANT TO UNDERSTAND THAT THE EXISTENCE OF THIS DOCUMENT ALONE DOES NOT AUTOMATICALLY CONSTITUTE AUTHORITY TO INSTALL THE PART/COMPONENT/ASSEMBLY.) SE O TRABALHO DO USUÁRIO/INSTALADOR É REALIZADO DE ACORDO COM OS REGULAMENTOS NACIONAIS DE UMA AUTORIDADE DE AERONAVEGABILIDADE DIFERENTE DA AUTORIDADE DE AERONAVEGABILIDADE DO PAÍS ESPECIFICADO NO BLOCO 1, É ESSENCIAL QUE O USUÁRIO/INSTALADOR ASSEGURE QUE A SUA AUTORIDADE DE AERONAVEGABILIDADE ACEITA PARTES/COMPONENTES/CONJUNTOS DA AUTORIDADE DE AERONAVEGABILIDADE DO PAÍS ESPECIFICADO NO BLOCO 1. (WHERE THE USER/INSTALLER WORK IS PERFORMED IN ACCORDANCE WITH THE NATIONAL REGULATIONS OF AN AIRWORTHINESS AUTHORITY DIFFERENT THAN THE AIRWORTHINESS AUTHORITY OF THE COUNTRY SPECIFIED IN BLOCK 1, IT IS ESSENTIAL THAT THE USER/INSTALLER ENSURES THAT HIS/HER AIRWORTHINESS AUTHORITY ACCEPTS PARTS/COMPONENTS/ASSEMBLIES FROM THE AIRWORTHINESS AUTHORITY OF THE COUNTRY SPECIFIED IN BLOCK 1.) AS DECLARAÇÕES NOS BLOCOS 13 E 18 NÃO CONSTITUEM UM CERTIFICADO DE INSTALAÇÃO. EM TODOS OS CASOS, OS REGISTROS DE MANUTENÇÃO DA AERONAVE DEVEM CONTER UM CERTIFICADO DE INSTALAÇÃO EMITIDO DE ACORDO COM REGULAMENTOS NACIONAIS PELO USUÁRIO/INSTALADOR ANTES QUE A AERONAVE POSSA SER LIBERADA PARA VÔO. (STATEMENTS IN BLOCK 13 AND 18 DO NOT CONSTITUTE INSTALLATION CERTIFICATION. IN ALL CASES, AIRCRAFT MAINTENANCE RECORDS MUST CONTAIN AN INSTALLATION CERTIFICATION ISSUED IN ACCORDANCE WITH THE NATIONAL REGULATIONS BY THE USER/INSTALLER BEFORE THE AIRCRAFT MAY BE FLOWN.)						



Packing List #:10111390
/ 01

Date: 08/10/2022

Page:1 / 1

Sold To: 500142
HAWKER PACIFIC AEROSPACE
- 11240 SHERMAN WAY
SUN VALLEY - CA
91352 - US

Ship To: 500142
HAWKER PACIFIC AEROSPACE
- 11240 SHERMAN WAY
SUN VALLEY - CA
91352 - US

Shipping Instruction: FedEx Int Priority® Account: 09152145-8
Shipping Point: Fort Lauderdale Distribution Center

Part Number Description/Comments	Country Origin	Stock Type	Unit	Qty Ordered	Qty Packed	Qty BO	Net Weight
Delivery: 802637767 Customer P.O. 470059685 2309-2617-001 CARDAN ASSY S/N: 1807131/002	BR	N	EA	1	1	0	0,000

5000571513

Country of Origin is defined by I.A.T.A. - TACT rules chapter 1.3.1(1999)
STOCK TYPE: N - NEW R - REPAIRED O - OVERHAUL U - USED
Order Entry: MICHALL

HPA
RECEIVED
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Packing 01 / 01

10 X 10 X 6 "

Gross Weight: 1.000 LB

Net Weight: 0.000 LB

1 País (Country) BRASIL		2 Título (Title) AGÊNCIA NACIONAL DE AVIAÇÃO CIVIL (BRAZILIAN CIVIL AVIATION AUTHORITY) CERTIFICADO DE LIBERAÇÃO AUTORIZADA (AUTHORIZED RELEASE CERTIFICATE) ETIQUETA DE APROVAÇÃO DE AERONAVEGABILIDADE (AIRWORTHINESS APPROVAL TAG) FORMULÁRIO (FORM) F-100-01 (SEGVÃO 003)				3 Certificado No. (Certificate No./System tracking Ref.) 2003796078	
4 Empresa (nome e endereço) (Organization Name and Address) Embraer S.A. 276 S.W. 34th Street - Ft. Lauderdale, FL 33315 - COP E-7203-01					5 Ordem de Serviço/Contrato/Nota Fiscal (Work Order, Contract or Invoice) 0071029960		
6 Item (Item)	7 Descrição (Description)	8 Número da Peça (Part Number)	9 Quantidade (Quantity)	10 Número do Sérial/Lote (Serial/Batch Number)	11 Categoria/Tipo de Trabalho (Status/Work)		
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12 Observações (Remarks) Export. P/N 2309-2618-001 S/N 00054 Doc. Ref.(Ref. Document): 0802637767 / 2022.							
Partes com vida limitada devem ser acompanhadas de histórico de manutenção incluindo tempo total/tempo desde que nova. (Limited life parts must be accompanied by maintenance history including total time/since new.)							
13 Certifica que o(s) item(s) acima identificado(s) foi (foram) fabricado(s) em conformidade com: (Certifies that the item(s) identified above was (were) manufactured in conformity with)				18 ☐ Retorno ao serviço de acordo com RBAC 43.9 (Return to service in accordance with RBAC 43.9)			
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☐ dados de projeto não aprovados especificados no bloco 13 (non-approved design data specified in block 13)				Certifica que, a menos especificado no bloco 12, o trabalho especificado no bloco 11, e descrito no bloco 12, foi executado de acordo com o Regulamento Brasileiro de Aviação Civil - RBAC 43 e, em respeito ao trabalho realizado, a(s) peça(s) foi (ão) aprovada (s) para retorno ao serviço. (Certifies that, unless otherwise specified in block 12, the work identified in block 11 and described in block 12, was accomplished in accordance with Brazilian Civil Aviation Regulations - RBAC 43 and in respect to the work performed the part(s) is (are) approved for return to service.)			
14 Assinatura do Representante da ANAC (ANAC Representative Signature)		15 No. Autorização da ANAC (ANAC Authorization No.) DOI 2022-060 / COP E-7203-01		19 Pessoa Autorizada (Authorized Signature)		20 No. COM/COA (Certificate Number)	
16 Nome (Name) Elio Bohrer		17 Data (Date) 10/AUG/2022		21 Nome (Name)		22 Data (Date)	
* O INSTALADOR DEVE FAZER VERIFICAÇÃO CRUZADA DA APLICABILIDADE ATRAVÉS DOS DADOS TÉCNICOS APLICÁVEIS (INSTALLER MUST CROSS CHECK ELIGIBILITY WITH APPLICABLE TECHNICAL DATA) RESPONSABILIDADE DO USUÁRIO / INSTALADOR É IMPORTANTE COMPREENDER QUE A EXISTÊNCIA DESTA DOCUMENTAÇÃO POR SI SÓ NÃO CONSTITUI AUTOMATICAMENTE UMA AUTORIZAÇÃO PARA INSTALAR A PARTE/COMPONENTE/CONJUNTO. SE O TRABALHO DO USUÁRIO/INSTALADOR É REALIZADO DE ACORDO COM OS REGULAMENTOS NACIONAIS DE UMA AUTORIDADE DE AERONAVEGABILIDADE DIFERENTE DA AUTORIDADE DE AERONAVEGABILIDADE DO PAÍS ESPECIFICADO NO BLOCO 1, É ESSENCIAL QUE O USUÁRIO/INSTALADOR ASSEGURE QUE A SUA AUTORIDADE DE AERONAVEGABILIDADE ACEITA PARTE/COMPONENTES/CONJUNTOS DA AUTORIDADE DE AERONAVEGABILIDADE DO PAÍS ESPECIFICADO NO BLOCO 1. AS DECLARAÇÕES NOS BLOCOS 13 E 18 NÃO CONSTITUEM UM CERTIFICADO DE INSTALAÇÃO. EM TODOS OS CASOS, OS REGISTROS DE MANUTENÇÃO DA AERONAVE DEVEM CONTER UM CERTIFICADO DE INSTALAÇÃO EMISSO DE ACORDO COM REGULAMENTOS NACIONAIS PELO USUÁRIO/INSTALADOR ANTES QUE A AERONAVE POSSA SER LIBERADA PARA VÔO.							
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4 Empresa / firma e endereço (Organization (Name and Address)) Embraer S.A. 276 S.W. 34th Street - Ft. Lauderdale, FL 33315 - COP E-7203-01				5 Ordem de Serviço/Contrato Nota Fiscal (Work Order, Contract or Invoice) 0070985742	
6 Item (Item)	7 Descrição (Description)	8 Número da Peça (Part Number)	9 Quantidade (Quantity)	10 Número de Série/Lote (Serial/Batch Number)	11 Categoria/Tipo de Trabalho (Status/Work)
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12 Observações (Remarks) Export. Doc. Ref.(Ref. Document): 0802591806 / 2022.					
Partes com vida limitada devem ser acompanhadas de histórico de manutenção incluindo tempo total/vida total tempo desde que nova. (Limited life parts must be accompanied by maintenance history including total time/total life/time since new)					
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☐ dados de projeto não aprovados especificados no bloco 12 (non-approved design data specified in block 12)			Certifica que, a menos especificado no bloco 12, o trabalho especificado no bloco 11, e descrito no bloco 12, foi executado de acordo com o Regulamento Brasileiro de Aviação Civil - RBAC 43, e, em relação ao trabalho realizado, o(s) item(s) é (são) aprovado(s) para retorno ao serviço. (Certifies that, unless otherwise specified in block 12, the work identified in block 11 and described in block 12, was accomplished in accordance with Brazilian Civil Aviation Regulations - RBAC 43 and in respect to the work performed the part(s) is (are) approved for return to service.)		
14 Assinatura do Representante da ANAC (ANAC Representative Signature) 		15 No. Autorização da ANAC (ANAC Authorization No.) DCI 2021-060 / COP E-7203-01		19 Pessoa Autorizada (Authorized Signature)	
16 Nome (Name) Edu Bohrer		17 Data (Date) 10JUL2022		20 No. COM/COA (Certificate Number)	
				21 Nome (Name)	
				22 Data (Date)	
* O INSTALADOR DEVE FAZER VERIFICAÇÃO CRUZADA DA APLICABILIDADE ATRAVÉS DOS DADOS TÉCNICOS APLICÁVEIS (INSTALLER MUST CROSS CHECK ELIGIBILITY WITH APPLICABLE TECHNICAL DATA) RESPONSABILIDADE DO USUÁRIO / INSTALADOR É IMPORTANTE COMPREENDER QUE A EXISTÊNCIA DESTA DOCUMENTAÇÃO POR SI SÓ NÃO CONSTITUI AUTOMATICAMENTE UMA AUTORIZAÇÃO PARA INSTALAR A PARTE/COMPONENTE/CONJUNTO. SE O TRABALHO DO USUÁRIO/INSTALADOR É REALIZADO DE ACORDO COM OS REGULAMENTOS NACIONAIS DE UMA AUTORIDADE DE AERONAVEGABILIDADE DIFERENTE DA AUTORIDADE DE AERONAVEGABILIDADE DO PAÍS ESPECIFICADO NO BLOCO 1, É ESSENCIAL QUE O USUÁRIO/INSTALADOR ASSEGURE QUE A SUA AUTORIDADE DE AERONAVEGABILIDADE ACEITA PARTES/COMPONENTES/CONJUNTOS DA AUTORIDADE DE AERONAVEGABILIDADE DO PAÍS ESPECIFICADO NO BLOCO 1. AS DECLARAÇÕES NOS BLOCOS 13 E 15 NÃO CONSTITUEM UM CERTIFICADO DE INSTALAÇÃO. EM TODOS OS CASOS, OS REGISTROS DE MANUTENÇÃO DA AERONAVE DEVEM CONTER UM CERTIFICADO DE INSTALAÇÃO/IDENTIFICADO DE ACORDO COM REGULAMENTOS NACIONAIS PELO USUÁRIO/INSTALADOR ANTES QUE A AERONAVE POSSA SER LIBERADA PARA VOAR. (USER / INSTALLER RESPONSIBILITY) IT IS IMPORTANT TO UNDERSTAND THAT THE EXISTENCE OF THIS DOCUMENT ALONE DOES NOT AUTOMATICALLY CONSTITUTE AUTHORITY TO INSTALL THE PART/COMPONENT/ASSEMBLY. WHERE THE USER/INSTALLER WORK IS PERFORMED IN ACCORDANCE WITH THE NATIONAL REGULATIONS OF AN AIRWORTHINESS AUTHORITY DIFFERENT THAN THE AIRWORTHINESS AUTHORITY OF THE COUNTRY SPECIFIED IN BLOCK 1, IT IS ESSENTIAL THAT THE USER/INSTALLER ENSURES THAT HIS/HER AIRWORTHINESS AUTHORITY ACCEPTS PART/COMPONENT/ASSEMBLIES FROM THE AIRWORTHINESS AUTHORITY OF THE COUNTRY SPECIFIED IN BLOCK 1. STATEMENTS IN BLOCK 13 AND 15 DO NOT CONSTITUTE INSTALLATION CERTIFICATION. IN ALL CASES, AIRCRAFT MAINTENANCE RECORDS MUST CONTAIN AN INSTALLATION CERTIFICATION ISSUED IN ACCORDANCE WITH THE NATIONAL REGULATIONS BY THE USER/INSTALLER BEFORE THE AIRCRAFT MAY BE FLOWN.					



Landing Gear Maintenance Report

E145 MLG SECONDARY SIDE STRUT ASSY

Sales Order: 660041927	
Mfg P/N: 2309-2600-505	A/C: N48801
Mfg S/N: 618	MSN: 501
CPN: N/A	PO: RO-3180-145501

Certificates for Replaced Parts (with Traceability)

FAA REPAIR STATION RJ3R817L
EASA: DE.145.0001

Responsible for content: LAXUG 616/ Erica Arellano

Activity-related document
IQ MOVE Document No.: 35383 (Rev.4)

1. Approving Civil Aviation Authority / Country FAA / United States		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, Airworthiness Approval Tag				3. Form Tracking Number: 158301	
4. Organization Name and Address:		HAWKER PACIFIC AEROSPACE Hawker Pacific Aerospace Repair Station No. RJ3R817L 11240 Sherman Way Sun Valley, CA. 91352				5. Work Order/Contract/Invoice No./P.O.: 660041592 / 51694767 / / RO-2725-145254	
6. Item	7. Description	8. Part Number	9. Quantity	10. Serial Number	11. Status/Work		
1	UPPER SEC. SIDE STRUT ASSY	2309-2608-503	1	OF9462297/03	OVERHAULED		
12. Remarks: Life Details: TSN: 48234:07 CSN: 37054.00 TSO: ZERO CSO: ZERO OVERHAULED IN ACCORDANCE WITH ELEB 32-10-04 REV.12 DATED 30AUG2015 COMPLIED WITH ELEB-TD 2022-030023 DATED 27SEPT2022 PREVIOUS OPERATOR: JSX, A/C: N15986 NON-PROCURABLE P/N: 2309-2611-003 S/N:802323-426 ISSUE TO SALES ORDER 660041927							
13a. Certifies the items identified above were manufactured in conformity to: ☐ Approved design data and are in condition for safe operation. ☐ Non-approved design data specified in Block 12.				14a. ☒ 14 CFR 43.9 Return to Service ☐ Other regulation specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.			
13b. Authorized Signature:		13c. Approval / Authorization No.:		14b. Authorized Signature:		14c. Approval Certificate No.: RJ3R817L	
13d. Name:		13e. Date:		14d. Name: Manuel Donan		14e. Date: (dd/mm/yyyy) 21.Oct.2022	
USER / INSTALLER RESPONSIBILITIES							
Note: 1). It is important to understand that the existence of the document alone does not automatically constitute authority to install the part/component/assembly. 2) Where the user/installer works in accordance with the national regulations of an Airworthiness Authority different than the Airworthiness Authority of the country specified in block 1, it is essential that the user/installer ensures that his/her Airworthiness Authority accepts parts/components/assemblies from the Airworthiness Authority of the country specified in block 1. 3) Statements 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance record must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.							

Evaluation Report

HAWKER PACIFIC AEROSPACE

FAA Repair Station RJ3R817L



Hawker Pacific Aerospace
11240 Sherman Way
Sun Valley, CA. 91352 USA
Tel: (818) 765-6201
Fax: (818) 765-4158

Event: L-00515-SSS Sales Order: 660041592
Repair Order: 51694767 Receipt Date:
Customer JSX
Customer P.O. RO-2725-145254
Urgency Tail # N15986

Receiving Planner Work Order Information

Qty	P.O. Part Number	Description	Serial Number	Manufacturer		Eligibility
1	2309-2608-503	UPPER SEC. SIDE STRUT ASSY	OF9462297/03	ELEB - EQUIPAMENTOS LTDA DO BRASIL		ERJ 140/145
Customer Reported Discrepancy			CSO	CSN	TSO	TSN
NONE			17108.00	37054.00	21585.22	48234.07
Warranty		N/A				
Customer Instructions		OVERHAUL				

Initial Evaluation Results

UNIT RECEIVED IN FAIR CONDITION OVERHAUL IAW CMM

Initial Test

Repair Action Description

Work accomplished

OVERHAULED IN ACCORDANCE WITH ELEB 32-10-04 REV.12 DATED 30AUG2015
COMPLIED WITH ELEB-TD 2022-030023 DATED 27SEPT2022
CSO/TSO: ZERO

PREVIOUS OPERATOR: JSX, A/C: N15986
NON-PROCURABLE P/N: 2309-2611-003 S/N:802323-426

ISSUE TO SALES ORDER 660041927

Repair Action Descr. created by	U588484	Print by:	U588484	Print at:	Oct 19, 2022
As shipped Part Number	2309-2608-503	S / N	OF9462297/03	Publication	32-10-04

P/N Detail Print

EXPRESSJET



P/N: 2309-2608-503

P/N S/N: OF9462297/03

Control Items Description
MLG UPPER SECONDARY SIDE S (LIFE LIMITED PART) UNSCHED - T/C "MAIN GEAR REMOVE"

TSI

TSN

P/N: 2309-2611-003

P/N S/N: 802323-426

Control Items Description
MLG UPPER SECONDARY SIDE S (LIFE LIMITED PART) UNSCHED - T/C "MAIN GEAR REMOVE"

TSI

TSN

P/N: 2309-2613-001

P/N S/N: OF8820149-21

Control Items Description
MLG PIVOT PIN (LIFE LIMITED PART) UNSCHED - T/C "MAIN GEAR REMOVE"

TSI

TSN

MLG SECONDARY UPPER SIDE STRUT ASSY

Batch: 2148242

SCHEDULE				ACTUAL			REMAINING			STATUS
Hours	Cycles	Days	Date	Hours	Cycles	Days	Hours	Cycles	Days	
	60000			48234:07	37054	3770	0:00	22946	0	OPEN
				21585:22	17108	3770	0:00	0	0	
				48234:07	37054	3770	0:00	0	0	

MLG SECONDARY UPPER SIDE STRUT

Batch: 7557941

SCHEDULE				ACTUAL			REMAINING			STATUS
Hours	Cycles	Days	Date	Hours	Cycles	Days	Hours	Cycles	Days	
	60000			48234:07	37054	3770	0:00	22946	0	OPEN
				21585:22	17108	3770	0:00	0	0	
				48234:07	37054	3770	0:00	0	0	

PIVOT PIN, MLG SECONDARY SIDE STRUT

Batch: 2148704

SCHEDULE				ACTUAL			REMAINING			STATUS
Hours	Cycles	Days	Date	Hours	Cycles	Days	Hours	Cycles	Days	
	60000			48234:07	37054	3770	0:00	22946	0	OPEN
				21585:22	17108	3770	0:00	0	0	
				48234:07	37054	3770	0:00	0	0	



Landing Gear Maintenance Report

E145 MLG SECONDARY SIDE STRUT ASSY

Sales Order: 660041927	
Mfg P/N: 2309-2600-505	A/C: N48901
Mfg S/N: 618	MSN: 501
CPN: N/A	PO: RO-3180-145501

Previous Operator Traceability

FAA REPAIR STATION RJ3R817L
EASA: DE.145.0001

Responsible for content: LAXUG 616/ Erica Arellano

Activity-related document
IQ MOVE Document No.: 35383 (Rev.4)

CUSTOMER: JSX

PART NUMBER: 2309-2600-505

SERIAL NUMBER: 618

Assembly CSN: N/A

Assembly CSO: N/A

Date of Last Overhaul: N/A

Date Removed: N/A

Sub Part details

Part No received	Nomenclature	Actual Serial Number from records	Life Limit	CSN	Cy Rem
2309-2608-503 2309-2611-003	Upper Secondary Side Strut	OF670670-9/04	60,000	34,156	25,844
2309-2613-001	Pivot Pin		60,000		
2309-2617-001 2309-2618-001	Cardan	OF6628123/01	60,000	34,156	25,844
2309-2621-001	Shaf.		60,000		
2309-2601-501 2309-2624-001	Lower Secondary Side Strut	6905604-07	60,000	33,647	26,353
2309-2626-001	Cardan Axle		60,000		
2309-2650-005	Spring		60,000		
2309-2651-005	Spring		60,000		

Customer Name Signature James Weaver

Customer Title Chief Inspector

Date Created 10/11/2022

P/N Detail Print

EXPRESSJET



AC:

N48901

Position: LH

■ P/N: 2309-2600-505

P/N S/N: 618

MLG SECONDARY SIDE STRUT

Batch:

2166078

Control Items Description
MLG AUX STRUT REST UNSCHED - T/C "MAIN GEAR REMOVE"

TSI

TSN

SCHEDULE				ACTUAL				REMAINING			STATUS
Hours	Cycles	Days	Date	Hours	Cycles	Days	Reset Date	Hours	Cycles	Days	
	20000	4380		6408:42	14563	1475	10/01/2016	0:00	5437	2905	OPEN
				18241:02	14563	1475	10/01/2016	0:00	0	0	
				44231:09	34156	1475	10/01/2016	0:00	0	0	

■ P/N: 2309-2601-501

P/N S/N: 5299113/22

MLG SECONDARY LOWER SIDE STRUT ASSY

Batch:

2166869

Control Items Description
MLG LOWER SECONDARY SIDE S UNSCHED - T/C "MAIN GEAR REMOVE"

TSI

TSN

SCHEDULE				ACTUAL			REMAINING			STATUS
Hours	Cycles	Days	Date	Hours	Cycles	Days	Hours	Cycles	Days	
	60000			6408:42	34156	1475	0:00	25844	0	OPEN
				44231:09	34156	1475	0:00	0	0	
				43371:45	33647	5564	0:00	0	0	

■ P/N: 2309-2608-503

P/N S/N: 2445824/04

MLG SECONDARY UPPER SIDE STRUT ASSY

Batch:

2166102

Control Items Description
MLG UPPER SECONDARY SIDE S (LIFE LIMITED PART) UNSCHED - T/C "MAIN GEAR REMOVE"

TSI

TSN

SCHEDULE				ACTUAL			REMAINING			STATUS
Hours	Cycles	Days	Date	Hours	Cycles	Days	Hours	Cycles	Days	
	60000			6408:42	34156	1475	0:00	25844	0	OPEN
				44231:09	34156	1475	0:00	0	0	
				44231:09	34156	1475	0:00	0	0	

■ P/N: 2309-2613-001

P/N S/N: 2445957/06

PIVOT PIN, MLG SECONDARY SIDE STRUT

Batch:

2166798

Control Items Description
MLG PIVOT PIN (LIFE LIMITED PART) UNSCHED - T/C "MAIN GEAR REMOVE"

TSI

TSN

SCHEDULE				ACTUAL			REMAINING			STATUS
Hours	Cycles	Days	Date	Hours	Cycles	Days	Hours	Cycles	Days	
	60000			6408:42	34156	1475	0:00	25844	0	OPEN
				44231:09	34156	1475	0:00	0	0	
				44231:09	34156	1475	0:00	0	0	

P/N Detail Print



P/N: 2309-2617-001

P/N S/N: 2990580/27

Control Items

MLG CARDAN

Description

(LIFE LIMITED PART) UNSCHED - T/C "MAIN GEAR REMOVE"

TSI

TSN

P/N: 2309-2621-001

P/N S/N: 1386561/012

Control Items

MLG SHAFT

Description

(LIFE LIMITED PART) UNSCHED - T/C "MAIN GEAR REMOVE"

TSI

TSN

P/N: 2309-2626-001

P/N S/N: 5792765/46

Control Items

MLG BOLT

Description

UNSCHED - T/C "MAIN GEAR REMOVE"

TSI

TSN

P/N: 2309-2650-005

P/N S/N: 1342335/012

Control Items

MLG SPRING 60K

Description

(LIFE LIMITED PART) UNSCHED - T/C "MAIN GEAR R/R"

MLG SPRING RESTORE

UNSCHED - T/C "MAIN GEAR RESTORE"

TSI

TSN

CARDAN ASSY, MLG SECONDARY DRAG STRUT

Batch: 2166241

SCHEDULE				ACTUAL			REMAINING			STATUS
Hours	Cycles	Days	Date	Hours	Cycles	Days	Hours	Cycles	Days	
	60000			6408:42	34156	1475	0:00	25844	0	OPEN
				44231:09	34156	1475	0:00	0	0	
				44231:09	34156	1475	0:00	0	0	

SHAFT, MLG SECONDARY SIDE STRUT

Batch: 2278545

SCHEDULE				ACTUAL			REMAINING			STATUS
Hours	Cycles	Days	Date	Hours	Cycles	Days	Hours	Cycles	Days	
	60000			6408:42	14563	1475	0:00	45437	0	OPEN
				18241:02	14563	1475	0:00	0	0	
				18241:02	14563	1475	0:00	0	0	

BOLT, MLG SECONDARY SIDE STRUT

Batch: 2167301

SCHEDULE				ACTUAL			REMAINING			STATUS
Hours	Cycles	Days	Date	Hours	Cycles	Days	Hours	Cycles	Days	
	60000			6408:42	34156	1475	0:00	25844	0	OPEN
				44231:09	34156	1475	0:00	0	0	
				44231:09	34156	1475	0:00	0	0	

SPRING CARTRIDGE ASSY, MLG SECONDARY SIDE STRUT

Batch: 2278549

SCHEDULE				ACTUAL			REMAINING			STATUS
Hours	Cycles	Days	Date	Hours	Cycles	Days	Hours	Cycles	Days	
	60000			9704:05	7826	1995	0:00	52174	0	OPEN
	20000	4380		6408:42	14563	1475	0:00	5437	2905	OPEN
				18241:02	14563	1475	0:00	0	0	
				18241:02	14563	1475	0:00	0	0	

P/N Detail Print

EXPRESSJET



■ P/N: 2309-2650-005

P/N S/N: 1342335/014

SPRING CARTRIDGE ASSY, MLG SECONDARY SIDE STRUT Batch:

2278548

Control Items	Description
MLG SPRING 60K	(LIFE LIMITED PART) UNSCHED - T/C "MAIN GEAR R/R"
MLG SPRING RESTORE	UNSCHED - T/C "MAIN GEAR RESTORE"
TSI	
TSN	

SCHEDULE				ACTUAL			REMAINING			STATUS
Hours	Cycles	Days	Date	Hours	Cycles	Days	Hours	Cycles	Days	
	60000			9704:05	7826	1995	0:00	52174	0	OPEN
	20000	4380		6408:42	14563	1475	0:00	5437	2905	OPEN
				18241:02	14563	1475	0:00	0	0	
				18241:02	14563	1475	0:00	0	0	

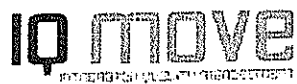


ELEB CUSTOMER SUPPORT
Component Build Sheet

REF. 2022-030597

P/N 2309-2651-005 S/N 1342335/012		Manufacturing Date:	July, 2010
Level	Part Number	Serial Number	Description
0	2309-2651-005	1342335/012	SPRING
ITEM MANUFACTURED FOR EMBRAER			

P/N 2309-2651-005 S/N 1342335/014		Manufacturing Date:	July, 2010
Level	Part Number	Serial Number	Description
0	2309-2651-005	1342335/014	SPRING
ITEM MANUFACTURED FOR EMBRAER			



Serial Number Checklist

Sales Order: 660041927

HAWKER PACIFIC
AEROSPACE

FAA Repair Station RJ3R817L

EASA: DE.145.0001

Issue No.: 5

23.JAN.2018

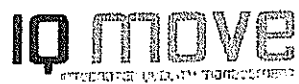
Off-Log Part Number	Part Description	Off-Log S/N	On-Log Part Number	On-Log S/N	Valuation Type	Oper. Stamp	Date
2309-2650-005	SPRING CARTRIDGE ASSY	1342335/012	2309-2650-005	1342335/012	Original		
2309-2650-005	SPRING CARTRIDGE ASSY	1342335/014	2309-2650-005	1342335/014	Original		
2309-2651-005	SPRING	1342335/012	2309-2651-005	1342335/012	Original		
2309-2651-005	SPRING	1342335/C14	2309-2651-005	1342335/014	Original		
2309-2613-001	PIVOT PIN	^{/06} OF244595706	2309-2613-001	3037555	NEW		
2309-2601-501	LOWER SEC. SIDE STRUT ASSY	6905604-07	2309-2601-501	6905604-07	Original		
2309-2624-001	LOWER SECONDARY STRUT	5299113/22	2309-2624-001	5299113/22	Original		
2309-2621-001	SHAFT	1386561/012	2309-2621-001	1899146/003	NEW		
2309-2618-001	CARDAN ASSY	^{OF299058-027} 2990580/27	2309-2617-001	1907131/002	NEW		
2309-2626-001	BOLT	OF5792765/46	2309-2626-001	OF5792765/46	Original		

Responsible for content: LAX UG641/Eddy Welton

Page 1 of 2

There is no revision service for documents printed from IQ MOVE

Activity-related document
IQ MOVE Document No.: 31782



Serial Number Checklist

Sales Order: 660041927

HAWKER PACIFIC
AEROSPACE

FAA Repair Station RJ3R817L

EASA: DE.145.0001

Issue No.: 5

23.JAN.2018

Off-Log Part Number	Part Description	Off-Log S/N	On-Log Part Number	On-Log S/N	Valuation Type	Oper. Stamp	Date
2309-2608-503	UPPER SEC. SIDE STRUT ASSY	OF670670-9/04	2309-2608-503	OF9462297/03 OF670670-9/04	SWAP Original		
2309-2611-003	UPPER SECONDARY STRUT	OF:2445824.04	2309-2611-003	802323-426 OF:2445824.04	SWAP Original		
2309-2600-505	SECONDARY SIDE STRUT, ASSEMBLY	618	2309-2600-505	618	Original		