

1. Approving Civil Aviation Authority / Country Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE Form One			3. Form Tracking No. W106402	
4. Organization Name and Address AVIATECHNIK CORPORATION 710 Gana Court Mississauga, ON, Canada, L5S 1P2		Aviatechnik Corporation Tel: 905-890-7778 www.aviatechnikcorp.com		5. Work Order / Contract / Invoice R657933		
6. Item	7. Description	8. Part No.	9. Qty.	10. Serial / Batch No.	11. Status / Work	
1	Shock Strut, Assy LH MLG	4259A0000-02 Amdt. A, 02	1	00350	Repaired	
12. Remarks: * Repaired in accordance with CMM # 32-11-15, Rev # 15 dated 31 August 2022 and CRM # 32-11-15-RM, Rev # 9 dated 31 August 2022. * Full details of work performed in work order W106402. * For the replacement parts refer to Teardown Report. * Airworthiness Directives 2019-11-07, 2018-07-01 and Service Bulletins 190-32-0077 R2, 190-32-0065 R3 incorporated. * Landing Gear Log Card attached. * CSN-20194; CSO-3861. * Overhauled on 25 January 2017.						
13a. Certifies that 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. ☒ CAR 571.10 Maintenance Release. ☐ Other regulations specified in block 12. Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.				
13b. Signature	13c. Approved Organization Number	14b. Signature		14c. Approved Organization Number		
13d. Name	13e. Date (dd/mm/yyyy)	14d. Name		14e. Date (dd/mm/yyyy)		
(Previously form 24-0078)		Alexey Baydala		29/Oct/2024		
Installer Responsibilities This certificate does not constitute authority to install. Installer working in accordance with the national regulations of a country other than that specified in block 1, must ensure that their regulations recognize certifications from the country specified. Statements in blocks 13a and 14a do not constitute installation certification. In all cases, the technical record must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.						



LANDING GEAR LOG CARD

UNIT: Shock Strut MLG
AUTHORIZED OVERHAUL LIFE: 25000 cyc/12 years

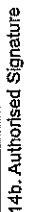
PART NO: 4259A0000-02
SERIAL NO: 00350

AIRCRAFT INSTALLATION RECORDS									
Aircraft Reg./Con. No.	FITTED TO AIRCRAFT			A/F CYCLES	REMOVED FROM AIRCRAFT			A/F CYCLES	REASON FOR REMOVAL
	DATE	C.S.O.	C.S.N.		DATE	C.S.O.	C.S.N.		
		3,861	20,194						

PRIMARY MEMBER RECORDS									
DESCRIPTION	PART NO.	SERIAL NO.	FITTED TO GEAR		C.S.N.	REMOVED FROM GEAR			REASON FOR REMOVAL
			DATE	C.S.O.		DATE	C.S.O.	C.S.N.	
Tube, Inner	2821-0080	HM00363	29/Oct/2024	3,861	20,194				
Pintle Pin	2821-0025	L519	29/Oct/2024	3,861	20,194				
Pintle Pin	2821-0067	L2112	29/Oct/2024	0	0				
Main Fitting, LH (2821A0100-02)	2821-0111	L0637	29/Oct/2024	3,861	20,194				
Sliding Tube (2821A0200-02)	2821-0221	L0556	29/Oct/2024	3,861	20,194				
Wheel Axle	2821-0202	L0477	29/Oct/2024	3,861	20,185				
Torque Link, UPR (2821A0300-03)	2821-0310	L0520	29/Oct/2024	3,861	20,194				
Torque Link, LWR (2821A0400-02)	2821-0410	L0507	29/Oct/2024	3,861	20,194				
Bolt (2821A2600-01)	2821-0622	603	29/Oct/2024	3,861	20,194				
Bolt	2821-0082	L182	29/Oct/2024	3,861	20,194				
Bolt	1840-0021	L1097	29/Oct/2024	3,861	20,194				
Bolt	2821-0001	L409	29/Oct/2024	3,861	20,194				
Shimmy Damper	2265A0000-03	00210	29/Oct/2024	3,861	21,320				

[illegible]

1. For ultimate lives and/or inspection requirements, refer to Aircraft MRBR and to the appropriate Embraer/Liebherr Service Bulletin.
2. It is the Operator's responsibility to ensure these records are fully and accurately maintained.
3. Lives of primary members shall be maintained. Failure to comply may result in premature scrap.
4. Should a primary member be removed from the unit it must be suitably tagged to indicate consumed life.
5. If the Part No. is changed a new Log Card must be completed, transferring relevant information from the previous Card.
6. The Log Card was created refer to client's provided documents.

1. Approving competent Authority / Country Luftfahrt-Bundesamt/ Germany		2. AUTHORISED RELEASE CERTIFICATE EASA FORM 1		3. Form Tracking Number  1800978673				
4. Organisation Name and Address LIEBHERR-AEROSPACE LINDENBERG GmbH • Pfaffenstr. 50-52 - 88161 • Lindenberg • Germany • Phone: +49 (0) (8381) 46-0 • Fax: +49 (0) (8381) 46 4377				5. Work Order / Contract / Invoice 641397 / 519350				
6. Item	7. Description	8. Part No	9. Qty.	10. Serial No	11. Status / Work			
1	BOLT	2821-0067	1	L2112	NEW			
12. Remarks Purchase Order Number: AEA0000183-18 IDENTCODE: <table><tr><td>Specific remarks per item:</td></tr><tr><td>Item DMF Orderpos.</td></tr><tr><td>1 N/A -</td></tr></table>						Specific remarks per item:	Item DMF Orderpos.	1 N/A -
Specific remarks per item:								
Item DMF Orderpos.								
1 N/A -								
13a. Certifies that the items identified above were manufactured in conformity to: ☒ approved design data and are in a condition for safe operation. ☐ non approved design data specified in block 12.								
13b. Authorised Signature  Electronic Signature on File Firnaul Fabian		13c. Approval / Authorisation Number DE.21G.0028		14a. ☐ Part-145 Release 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 Part-145 and in respect to that work the items are considered ready for release to service.				
13d. Name Firnaul Fabian		13e. Date (dd mmm yyyy) 14 May 2018		14b. Authorised Signature  14c. Certificate / Approval Ref No				
13d. Name Firnaul Fabian		13e. Date (dd mmm yyyy) 14 May 2018		14d. Name Firnaul Fabian 14e. Date (dd mmm yyyy)				
User / Installer Responsibilities This certificate does not automatically constitute authority to install the item(s). Where the user/installer performs work in accordance with regulations of an airworthiness authority different than the airworthiness authority specified in block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts items from the airworthiness authority specified in block 1. Statements in blocks 13a and 14a 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.								

 C&L Aerospace	Bangor (Main Office) 40 Wyoming Ave. Bangor, ME 04401 Tel: +1 207 217 8050 Fax: +1 207 945 0892	Australia ABN 14 949 088 590 5/37 Wandarah St Stafford QLD 4053 Tel: +61 3354 8100 Fax: +61 3353 0111	United Kingdom Headcorn Road Sutton Valence, ME17 3EL Great Britain Tel: +44 (0) 1622 950 117	Repair Order Order #: R657933 Account Number: Date Printed: 29 Aug 2024 Time: 9:51:09 AM No. of Items: 1 Page: 1			
	Contact: Robert Howard Email: Repairs@CLA.Aero						
To: ATTN: NATALIYA NECHYPORENKO AVIATECHNIK CORPORATION 710 GANA COURT MISSISSAUGA, ON L5S1P2 Canada PHONE: 905 890 7778			Ship To: C & L AEROSPACE 40 WYOMING AVE BANGOR, ME 04401 USA				
Ship Via: TBA Ship Via Acc: Terms: NET 30			RO Date: 5/14/2024 Warranty: No				
<i>All items subject to our inspection and acceptance</i>							
Item	Part Number/Description	CD	Qty	UOM	Serial	Return Date	Line Amt
1	4259A0000-02 MLG SHOCK STRUT SO #: Parts: \$0.00 Labor: \$5,000.00 Misc: \$0.00 106402 Instructions: PLEASE INSPECT AND QUOTE TO TEST/INSPECT/RECERTIFY *PLEASE PROVIDE QUOTE WITHIN TWO WEEKS AFTER PART ARRIVES TO SHOP *PLEASE PROVIDE ONE QUOTE UTILIZING ALL NEW PARTS, AND A SECOND QUOTE PROVIDING AS MANY PMA, EPA AND SERVICABLE PARTS AS POSSIBLE *INDIVIDUAL PARTS LIST AND PRICING WITH QUOTE IS REQUIRED **TRIPLE RELEASE (FAA, EASA, TCCA) CERTIFICATION REQUIRED (SEPARATE 8130, FORM ONE, AND TCCA CERTS TOGETHER ARE ALSO ACCEPTABLE.) *PLEASE ALSO INCLUDE CAA FORM 1 AS SEPERATE CERTIFICATION * ORIGINAL TEARDOWN REPORT REQUIRED. * DER REPAIRS OR DAR MUST BE DISCLOSED AT	AR	1.00	EA	00350	25 Oct 2024	\$5,000.00
					See last page for totals		
Authorized Signature: Robert Howard							
Standard Terms & Conditions:							
1. Please ensure that the Repair Order is read carefully as failure to comply with the requirements will result in the Supplier being responsible for any charges incurred for the return of the goods to the Suppliers premises. 2. All goods purchased through this Repair Order are subject to a quality inspection to be carried out by C&L Aerospace 3. C&L Aerospace reserves the right to return any goods that do not meet the requirements of the purchase order or are faulty in any way up to 30 days after receipt of consignment. 4. This repair order is only valid when accompanied by an authorised signature. 5. For Exchange transactions, the Seller agrees to, when applicable: * A part known to have been subjected to conditions of extreme stress, heat, or environment are so identified. * All Airworthiness Directives (AD's) that are represented as having been accomplished are documented. * Items identified as OH, Repaired, Inspected, or Modified have the appropriate signed and dated documentation attached							
Form created with Quantum Control(tm) technology. Product Licensed to: C&L Aerospace							

w106402

 C&L Aerospace	Bangor (Main Office) 40 Wyoming Ave. Bangor, ME 04401 Tel: +1 207 217 8050 Fax: +1 207 945 0902	Australia ABN 14 849 088 590 5/57 Wendorah St Stafford QLD 4053 Tel: +61 3354 8100 Fax: +61 3353 8111	United Kingdom Headcorn Road Sutton Valence, ME17 3EL Great Britain Tel: +44 (0)1622 960 117	Repair Order Order #: R657933 Account Number: Date Printed: 29 Aug 2024 Time: 9:51:10 AM No. of Items: 1 Page: 2			
	www.cla.aero						
Contact: Robert Howard		Email: Repairs@CLA.Aero					
To: ATTN: NATALIYA NECHYPORENKO AVIATECHNIK CORPORATION 710 GANA COURT MISSISSAUGA, ON L5S1P2 Canada PHONE: 905 890 7778			Ship To: C & L AEROSPACE 40 WYOMING AVE BANGOR, ME 04401 USA				
Ship Via: TBA Ship Via Acc: Terms: NET 30			RO Date: 5/14/2024 Warranty: No				
<i>All items subject to our inspection and acceptance</i>							
Item	Part Number/Description	CD	Qty	UOM	Serial	Return Date	Line Amt
	THE TIME OF QUOTING. * MANUAL REFERENCE & REVISION # MUST BE REFERENCED IN CERTIFICATION. * CURRENT REVISION OF THE APPLICABLE CMM MUST BE USED UNLESS OTHERWISE APPROVED BY C&L AEROSPACE AND ANY COSTS TO BRING A UNIT IN LINE WITH THE CURRENT REV. AFTER RELEASE WILL BE FOR THE SHOP, INCLUDING, AND NOT LIMITED TO FREIGHT, PARTS AND LABOR. * SHIPPER RESPONSIBLE FOR DAMAGE TO POORLY PACKAGED ITEMS. * SHIPPER RESPONSIBLE FOR PROPER CUSTOMS PAPERWORK FOR INTERNATIONAL SHIPMENTS. * WORK PERFORMED MUST BE DONE IAW CURRENT OEM TECH DATA OR FAA APPROVED DATA.. * PART NUMBER MUST BE IDENTIFIED ON PART IF NOT VISIBLE. * SERIAL NUMBER MUST BE IDENTIFIED ON PART IF NOT VISIBLE AND ASSIGNED IF PART DOES NOT ALREADY HAVE A S/N. * PLEASE DO NOT INCLUDE ANY INVOICES OR PAPERWORK THAT INCLUDES PRICING IN THE RETURN SHIPMENT						
						Parts Total:	\$.00
						Labor Total:	\$5,000.00
						Misc Total:	\$.00
						Total:	\$5,000.00
						US Dollars	
Authorized Signature: Robert Howard							
Standard Terms & Conditions:							
1. Please ensure that the Repair Order is read carefully as failure to comply with the requirements will result in the Supplier being responsible for any charges incurred for the return of the goods to the Suppliers premises. 2. All good purchased through this Repair Order are subject to a quality inspection to be carried out by C&L Aerospace 3. C&L Aerospace reserves the right to return any goods that do not meet the requirements of the purchase order or are faulty in any way up to 30 days after receipt of consignment. 4. This Repair order is only valid when accompanied by an authorised signature. 5. For Exchange transactions, the Seller agrees to, when applicable: * A part known to have been subjected to conditions of extreme stress, heat, or environment are so identified. * All Airworthiness Directives (AD's) that are represented as having been accomplished are documented. * Items identified as OH, Repaired, Inspected, or Modified have the appropriate signed and dated documentation attached							
Form created with Quantum Control(tm) technology. Product Licensed to: C&L Aerospace							

LIMITED LIABILITY COMPANY**«AIRCOMPANY «IKAR»**

Karagandinskaya st. 58/1, building 4, office 9,
Orenburg region, Orenburg, 460036, Russia
Correspondence address:
Karagandinskaya st. 58/1, building 4, office 9,
Orenburg region, Orenburg, 460036, Russia
phone +7 (3532) 48 79 99

W106 402

Date: 20 September 2022

Landing Gear Status / Statement

To Whom It May Concern:

Aircraft Embraer 190-100LR MSN 19000259 reg. VP-BZJ, has been operated by LLC «Aircompany «IKAR» during the period from 17 August 2018 (TAH 20038,67 and TAC 12382) to 15 September 2022 (TAH 27140:53 and TAC 16241) had below listed Landing Gear assemblies installed:

Description	Type/Part No.	Serial No.	TSN	CSN
Nose Landing Gear	190-70450-403	00146	29076:20	22518
LH Main Landing Gear	4259A0000-02	00350	26310:13	20194
RH Main Landing Gear	4260A0000-02	05345	26273:13	20185

I hereby certify that the above stated Landing Gear Assemblies and all its major components as delivered to LLC «Aircompany «IKAR», and during the period stated above, were not removed and remain fitted to the Airframe MSN: 19000259 at re-delivery.

Authorised Airline Representative

Signature: _____

Name: Aleksandr Trushliakov

Position: E190 systems lead engineer

Date: 20-September-2022

LEFT MAIN LANDING GEAR LLP STATUS

W 106402

MSN: 19000259
Registration: VP-BZJ
TSN: 27140.53
CSN: 16,241

Date: 14-Sep-2022

LIMITED LIABILITY COMPANY
«AIRCOMPANY «IKAR»
Karagandinskaya st. 58/1, building 4, office 9,
Orenburg region, Orenburg, 460036, Russia
Correspondence address:
Karagandinskaya st. 58/1, building 4, office 9,
Orenburg region, Orenburg, 460036, Russia
phone +7 (3532) 48 79 99

LH MLG DATA		LAST SHOP VISIT		MLG WHEN INSTALLED		NLG CURRENT	
INSTALLATION DATE:	03-Apr-17	CSN:	16,333	CSN:	16,333	CSN:	20,194
LH MLG PIN:	4259A0000-02	CSO:	0	CSO:	0	CSO:	3,861
LH MLG SN:	350	DATE:	25/01/2017	TSN:	-	CSInstall:	3,861
		TSN:	-	A/C FH:	-	TSN:	-
				A/C FC:	12,380		

LH MLG - Shock Strut Assy		4259A0000-02	350	16,333	3,861	20,194		
NOMENCLATURE	PART NUMBER	SERIAL NUMBER	CYCLES AT INSTALLATION	CSI	CSN CURRENT	LIFE LIMIT	REMAIN	Aircraft CSN at Inst
TUBE INNER	2821-0080	HM00363	16,333	3,861	20,194 ✓	56000	35,806	12,380
PINTLE PIN FWD	2821-0067	L243	18,756	3,861	22,617 ~	56000	33,383	12,380
PINTLE PIN AFT	2821-0025	L519	16,333	3,861	20,194 ✓	56000	35,806	12,380
MAIN FITTING LH	2821-0111	L0637	16,333	3,861	20,194 ✓	56000	35,806	12,380
SLIDING TUBE	2821-0221	L0556	16,333	3,861	20,194 ✓	56000	35,806	12,380
MLG AXLE	2821-0202	L0477	16,324	3,861	20,185 ✓	56000	35,815	12,380
TORQUE LINK UPPER	2821-0310	L0520	16,333	3,861	20,194 ✓	56000	35,806	12,380
TORQUE LINK LOWER	2821-0410	L0507	16,333	3,861	20,194 ✓	56000	35,806	12,380
BOLT LOWER CARDAN	2821-0622	803	16,333	3,861	20,194 ✓	56000	35,806	12,380
SHIMMY DAMPER	2265A0000-03	210	17,459	3,861	21,320	56000	34,680	12,380
BOLT	2821-0082	L182	16,333	3,861	20,194	56000	35,806	12,380
BOLT	1840-0021	L1097	16,333	3,861	20,194	56000	35,806	12,380
BOLT	2821-0001	L409	16,333	3,861	20,194	56000	35,806	12,380

LH MLG - Locking Stay Assy		190-70250-409	00469	16,333	3,861	20,194		
NOMENCLATURE	PART NUMBER	SERIAL NUMBER	CYCLES AT INSTALLATION	CSI	CSN CURRENT	LIFE LIMIT	REMAIN	Aircraft CSN at Inst
Stay, Locking Lower	190-70262-007	1479939/002	0	3,861	3,861	56000	52,139	12,380
Stay, Locking Upper	190-70254-005	AP0515	16,333	3,861	20,194	56000	35,806	12,380
Bolt	170-70274-001	1225460/025	16,333	3,861	20,194	56000	35,806	12,380

LH MLG - Side Stay Assy		190-70200-401	00045	16,333	3,861	20,194		
NOMENCLATURE	PART NUMBER	SERIAL NUMBER	CYCLES AT INSTALLATION	CSI	CSN CURRENT	LIFE LIMIT	REMAIN	Aircraft CSN at Inst
Stay, Lower	190-70162-003	AP0532	16,333	3,861	20,194	44000	23,806	12,380
Stay, Upper	190-70154-003	AP0538	16,333	3,861	20,194	44000	23,806	12,380
Bolt	190-70156-003	1203078/003	16,333	3,861	20,194	56000	35,806	12,380
CRANK BOLT	190-70164-005	1189844/008	16,333	3,861	20,194	56000	35,806	12,380
SIDE STAY PIVOT BOLT	190-70195-001	1154871/005	0	3,861	3,861	56000	52,139	12,380

Authorised Airline Representative

Signature:
Name: Aleksandr Trushilakov
Position: E190 systems lead engineer
Date: 14 Sep 2022



Subject: Non Accident / Incident Statement

Date: May 10th, 2017

To whom it may concern:

Model: ERJ190

Aircraft Serial Number: 259

Aircraft Registration: N982TA

Manufacturer: EMBRAER

Total Time: 20037.40

Total Cycles: 12381

This is to confirm that, the above referenced Aircraft and its associated components were operated by TACA since 30 March 2009 up to re-delivery to Nordic Aviation Capital. During that period of time, the above referenced equipment has not been involved in any accident (according to I. C. A. O. Annex 13 Paragraph B) or serious incident (according to I. C. A. O. Annex 13 Chapter 1).

This Aircraft has not been involved in any Major failure or fire, extreme stress or neither over-temperature outside of normal operation nor any part fitted was obtained from any government or military source and they were not immersed in salt water during its operation with TACA Group.



Godofredo Ortiz
TACA International Airlines, S. A.
Quality Control Inspector



NO ACCIDENT/ INCIDENT LETTER

October 5, 2016.

QA-58-2016

To Whom it may Concern;

It is hereby declared to the best of our knowledge, the parts listed below and its sub-Assemblies have not been involved in any serious incident (fire, crash, failure) or accident during its time in service on ERJ-190-100 LR/ SN 19000122 and ERJ-190-100 IGW/ SN 19000174

Description	Part Number Detail	Serial Number	TSN at Removal	CSN at Removal	Installation Date
NLG Shock Strut	190-70453-601	00146	21,974:07	18,657	Sep 10, 2007
NLG Drag Brace	190-70550-403	00208	21,974:07	18,657	Sep 10, 2007
NLG Locking Stay	190-70650-401	00152	21,974:07	18,657	Sep 10, 2007
MLG Shock Strut LH	2821A0000-04	00226	21,974:07	18,657	Sep 10, 2007
MLG Side Stay	190-70150-403	00143	21,974:07	18,657	Sep 10, 2007
MLG Locking Stay	190-70250-409	00304	21,974:07	18,657	Sep 10, 2007
MLG Shock Strut RH	2822A0000-04	05230	21,974:07	18,657	Sep 29, 2007
MLG Side Stay	190-70150-404	00140	21,974:07	18,657	Sep 29, 2007
MLG Locking Stay	190-70250-409	00306	21,974:07	18,657	Sep 29, 2007
Shimmy Damper Assy RH	2265A0000-02	00345	19,814:01	12,362	Dec 04, 2011

Installed original on ERJ-190-100 LR SN 19000122 and removed on September 22, 2015.

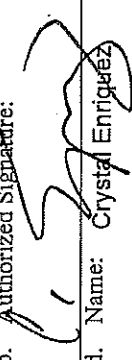
Parts were installed on September 22, 2015 and removed on September 20, 2016 from ERJ-190-100 IGW / SN 19000174.

Best Regards,

Virgilio De Mares
QA Mx Manager
VP Safety & Quality
Copa Airlines

Cc File

W 106402

1. Approving Civil Aviation Authority / Country FAA / United States		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, Airworthiness Approval Tag		3. Form Tracking Number: 107325	
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 Number: 660009415 /		5. Work Order/Contract/Invoice Number: 660009415 /	
6. Item	7. Description	8. Part Number	9. Quantity	10. Serial Number	11. Status/Work
1	STRUT, MAIN LANDING GEAR	4259A0000-02	1	00350	OVERHAULED
12. Remarks: Life Details: TSN: 19208:00 CSN: 16333.00 TSO: ZERO CSO: ZERO Y0008517 OVERHAULED IN ACCORDANCE WITH LIEBHERR CMM CHAPTER 32-11-15 REV. 8 DATED 15SEP2014, CRM 32-11-15-R REV. 2 DATED 14NOV2014. ACCOMPLISHED EMBRAER SB 190-32-0010, SB 190-32-A033, SB 190-32-0037, SB 190-32-0039, SB 190-32-0040, AND SB 190-32-0054. COMPLIED WITH LIEBHERR TECHNICAL DISPOSITION AND FAA DER TECHNICAL DISPOSITION: FAA2016-088 DATED: 29AUG2016 ,FAA2016-087 DATED: 29AUG2016; FAA FORM 337 DATED 23AUG2016, LUFTHANSA (EB-SR) LHT CRAS 131095 ISSUE 01 DATED 21APR2016, EASA MAJOR DESIGN APPROVAL 10057804 DATED 15APR2016, FAA MAJOR DESIGN APPROVAL LETTER DATED 18AUG2016. L-4265-ED-0009 ISSUE 02 DATED: 17JAN2014 AMENDMENT: A, 02					
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.					
13b. Authorized Signature:		13c. Approval / Authorization No.:		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.	
13d. Name:		13e. Date:		14b. Authorized Signature:  HPT 72 14c. Approval Certificate No.: RJ3R817L	
13d. Name:		13e. Date:		14d. Name: Crystal Enriquez 14e. Date: (dd/mm/yyyy) 25.Jan.2017	
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.					

LIFE LIMIT REPORT

11240 SHERMAN WAY
SUN VALLEY, CA 91352

HAWKER PACIFIC
A E R O S P A C E

FAA REPAIR STATION
RJ3R817L
PAGE 1 OF 1

REMOVAL

VC #:	HK-4560	A/C S/N:	19000208
POS:	LH MLG		
DATE:	Jul-16	REASON:	OVERHAUL

HPA WO#:	660009415
CUST PO#:	Y0008517
CUST P/N:	N/A
MFG P/N:	4259A0000-02
MFG S/N:	00350

INSTALL

A/C #:	N/A
ELIGIBILITY:	E190/E195
DATE:	Jan-17

E190/E195 LH MLG ASSEMBLY

SAFE LIFE LIMITS: E190 MRB-1928 REV 10 DATED 28APR2016

AS RECEIVED BY HPA

Customer Item No.	MFG P/N	NOMENCLATURE	MFG S/N	SAFE LIFE LIMITS	CYCLES SINCE NEW	REMAINING SAFE LIFE
***	4259A0000-02	LH SHOCK STRUT ASSY	00350	UNLIMITED	16,333	N/A
***	2821-0080	INNER TUBE	HM00363	56,000	16,333	39,667
***	2821-0025	PIN TLE PIN	L519	56,000	16,333	39,667
***	2821-0067	PIN TLE PIN	L588	56,000	16,333	REPLACED
***	2821A0100-02	LH MAIN FITTING ASSY	L0637	UNLIMITED	16,333	N/A
***	2821-0111	LH MAIN FITTING	L0637	56,000	16,333	39,667
***	2821A0200-02	SLIDING TUBE ASSY	L0556	UNLIMITED	16,333	N/A
***	2821-0221	SLIDING TUBE	L0556	56,000	16,333	39,667
***	2821-0202	MLG AXLE	L0480	56,000	16,333	REPLACED
***	2821A0300-03	UPR TORQUE LINK ASSY	L0520	UNLIMITED	16,333	N/A
***	2821-0310	UPR TORQUE LINK	L0520	56,000	16,333	39,667
***	2821A0400-02	LWR TORQUE LINK ASSY	L0507	UNLIMITED	16,333	N/A
***	2821-0410	LWR TORQUE LINK	L0507	56,000	16,333	39,667
***	2821A2600-01	SIDE STAY BOLT, ASSY	603	UNLIMITED	16,333	N/A
***	2821-0622	BOLT	603	56,000	16,333	39,667
***	2265A0000-03	MLG SHIMMY DAMPER	00597	56,000	16,333	REPLACED
***	2821-0082	BOLT	L182	56,000	16,333	39,667
***	1840-0021	BOLT	L1097	56,000	16,333	39,667
***	2821-0001	BOLT	L409	56,000	16,333	39,667

AS RELEASED BY HPA

MFG P/N	MFG S/N	CYCLES SINCE NEW	REMAINING SAFE LIFE	PREVIOUS OPERATOR
4259A0000-02	00350	16,333	N/A	COPA
2821-0080	HM00363	16,333	39,667	COPA
2821-0025	L519	16,333	39,667	COPA
2821-0067	L243	18,756	37,244	HK-4505
2821A0100-02	L0637	16,333	N/A	COPA
2821-0111	L0637	16,333	39,667	COPA
2821A0200-02	L0556	16,333	N/A	COPA
2821-0221	L0556	16,333	39,667	COPA
2821-0202	L0477	16,324	39,676	HK-4559
2821A0300-03	L0520	16,333	N/A	COPA
2821-0310	L0520	16,333	39,667	COPA
2821A0400-02	L0507	16,333	N/A	COPA
2821-0410	L0507	16,333	39,667	COPA
2821A2600-01	603	16,333	N/A	COPA
2821-0622	603	16,333	39,667	COPA
2265A0000-03	00210	17,459	38,541	N2287B
2821-0082	L182	16,333	39,667	COPA
1840-0021	L1097	16,333	39,667	COPA
2821-0001	L409	16,333	39,667	COPA

PREPARED BY: 
VERIFIED BY: 

JAN 25 2017

DATE:

JAN 25 2017

DATE:

SAFE LIFE LIMITS HAVE BEEN REVIEWED AND VERIFIED TO APPROVED AND/OR ACCEPTED DATA.
CUMULATIVE CYCLE INFORMATION FOR EACH LIFE LIMITED COMPONENT OR ASSEMBLY
IS PROVIDED BY THE CUSTOMER. DOCUMENTATION IS RETAINED ON FILE AT THIS REPAIR FACILITY.

W 106402

EQUIPMENT DESCRIPTION	EQUIPMENT PART NUMBER	EQUIPMENT SERIAL NUMBER
Main Landing Gear Shock Strut, Assy	4259A0000-01	00350
MANUFACTURER	SERVICE LIFE	SHELF LIFE
Liebherr-Aerospace Lindenberg GmbH	as per MRB	as per CMM
		TIME BETWEEN OVERHAUL
		as per MRB

① MANUFACTURER APPROVAL

COMPLETE NAME Lödl Jochen	SIGNATURE 	STAMP 	DATE 19.05.2008
------------------------------	--	--	--------------------

② REMARKS

PN changed to 7259A0000-02
due SB 190-32-0037

③ EQUIPMENT INSTALLATION AND REMOVAL DATA

[illegible]

④ ENGINEERING CHANGES (SB, AD, STC, etc.)

[illegible]

⑤ MAINTENANCE, REPAIR AND OVERHAUL

[illegible]

CONTROLLED COMPONENTS FITTED (LIFE LIMITS ACCORDING TO MRB)

CONTROLLED COMPONENTS IDENTIFICATION (AS PER MRB)				LIFE USED AT FITMENT				LIFE USED AT REMOVAL				PROCURABLE ITEMS (AS PER CMM)		SERIAL NUMBER
PART NUMBER	SERIAL NUMBER	DESCRIPTION	DATE	EQUIPMENT CYCLES	COMPONENT CYCLES SINCE NEW	COMPONENT CYCLES SINCE OH	DATE	EQUIPMENT CYCLES	COMPONENT CYCLES SINCE NEW	COMPONENT CYCLES SINCE OH	PART NUMBER	DESCRIPTION		
0-0021	L1097	Bolt	19.05.2008	0	0	-					1840-0021	Bolt	N/A	
1-0080	HM00363	Inner Tube	19.05.2008	0	0	-					2821-0080	Inner Tube	N/A	
1-0001	L409	Bolt	19.05.2008	0	0	-					2821-0001	Bolt	N/A	
1-0025	L519	Bolt	19.05.2008	0	0	-					2821-0025	Bolt	N/A	
1-0067	L588	Bolt	19.05.2008	0	0	-	25.01.2017	16,333	16,333	-	2821-0067	Bolt	N/A	
1-0082	L182	Bolt	19.05.2008	0	0	-					2821-0082	Bolt	N/A	
1-0111	L0637	Main Fitting	19.05.2008	0	0	-					2821A0100-02	Main Fitting Assy	N/A	
1-0221	L0556	Sliding Tube	19.05.2008	0	0	-					2821A0200-02	Sliding Tube Assy	N/A	
1-0202	L0480	Wheel Axle	19.05.2008	0	0	-	25.01.2017	16,333	16,333	-	2821A0200-02	Sliding Tube Assy	N/A	
1-0310	L0520	Upper Torque Link	19.05.2008	0	0	-					2821A0300-03	Upper Torque Link Assy	N/A	
1-0410	L0507	Lower Torque Link	19.05.2008	0	0	-					2821A0400-02	Lower Torque Link Assy	N/A	
1-0622	603	Bolt	19.05.2008	0	0	-					2821A2600-01	Side Stay Bolt, Assy	N/A	
15A0000-03	00597	Damper Assy	19.05.2008	0	0	-	25.01.2017	16,333	16,333	-	2265A0000-03	Damper Assy	N/A	
2821-0067	L243	Bolt	25.01.2017	16,333	18,336	0	29/06/14	20194	22417	3861				
2821-0202	L0477	Wheel Axle	25.01.2017	16,333	16,324	0								
15A0000-03	00210	Damper Assy	25.01.2017	16,333	17,459	0								
2821-0067	L2112	Bolt	29/06/14	20194	0	-								

NECESSARY, ATTACH ADDITIONAL SHEETS.

W106402

LIFE LIMIT PARTS STATUS LIST Aircraft N852TA (MSN 19000259) As of: 27/04/2017

LH MEG SHOCK STRUT ASSEMBLY

P/N: 4283A0000-02		CSN: 16334		TSN: 19209.82		Installation Date: 04/03/2017							
S/N: 90389		CSO: 1		TSO: 1.82									
ITEM NO.	PART DESCRIPTION	PART NUMBER	SERIAL NUMBER	TSN	TSO	CSN	CSO	LIFE LIMIT	CYCLES LIFE REMAINING	OVR LIMIT (CYCLES)	CYCLES OVR REMAINING	OVR LIMIT (DAYS)	DAYS OVR REMAINING
1	SHOCK TUBE	2821-0090	HM00363	19209.82	1.82	16,334	1	58,000	39,666	20,000	19,999	3650	3,598
2	SHOCK PIN	2821-0097	1243	21306.83	1.82	16,334	1	58,000	37,243	20,000	19,999	3650	3,598
3	SHOCK PIN	2821-0025	1519	19209.82	1.82	16,334	1	58,000	39,666	20,000	19,999	3650	3,598
4	MAIN FITTING	2821-0111	L0637	19209.82	1.82	16,334	1	58,000	39,666	20,000	19,999	3650	3,598
5	SLIDING TUBE	2821-0221	L0566	19209.82	1.82	16,334	1	58,000	39,666	20,000	19,999	3650	3,598
6	WHEEL AXLE	2821-0202	L0477	19172.83	1.82	16,334	1	58,000	39,675	20,000	19,999	3650	3,598
7	UPPER FIBERGLASS LINK	2821-0310	L0529	19209.82	1.82	16,334	1	58,000	39,666	20,000	19,999	3650	3,598
8	LOWER FIBERGLASS LINK	2821-0419	L0507	19209.82	1.82	16,334	1	58,000	39,666	20,000	19,999	3650	3,598
9	BOLT	2821-0002	563	19209.82	1.82	16,334	1	58,000	39,666	20,000	19,999	3650	3,598
10	SPRINT WASHING	2821-0000-03	00010	26231.37	1.82	17,460	1	58,000	36,540	20,000	19,999	3650	3,598
11	BOLT WASHING (3/16 X 1/2)	2821-0002	L182	19209.82	1.82	16,334	1	58,000	39,666	20,000	19,999	3650	3,598
12	WASHER	180-0001	L1097	19209.82	1.82	16,334	1	58,000	39,666	20,000	19,999	3650	3,598
13	WASHER	2821-0001	L409	19209.82	1.82	16,334	1	58,000	39,666	20,000	19,999	3650	3,598

LH MEG SIDESTAY

P/N: 190-70399-001		CSN: 16334		TSN: 19209.82		Installation Date: 06/03/2017							
S/N: 90489		CSO: 1		TSO: 1.82									
ITEM NO.	PART DESCRIPTION	PART NUMBER	SERIAL NUMBER	TSN	TSO	CSN	CSO	LIFE LIMIT	CYCLES LIFE REMAINING	OVR LIMIT (CYCLES)	CYCLES OVR REMAINING	OVR LIMIT (DAYS)	DAYS OVR REMAINING
1	UPPER SHOCK	190-70154-003	AP0539	19209.82	1.82	16,334	1	44,000	27,866	20,000	19,999	3650	3,598
2	LOWER SHOCK	190-70482-003	AP0532	19209.82	1.82	16,334	1	44,000	27,866	20,000	19,999	3650	3,598
3	WASHER	190-70158-003	1203978003	19209.82	1.82	16,334	1	58,000	39,666	20,000	19,999	3650	3,598
4	BOLT	190-70154-006	1189644003	19209.82	1.82	16,334	1	58,000	39,666	20,000	19,999	3650	3,598
5	BOLT	190-70195-001	11154871003	1.82	1.82	1	1	58,000	55,999	20,000	19,999	3650	3,598

LH MEG LOCKING SCREW

P/N: 190-70254-005		CSN: 16334		TSN: 19209.82		Installation Date: 06/03/2017							
S/N: 09489		CSO: 1		TSO: 1.82									
ITEM NO.	PART DESCRIPTION	PART NUMBER	SERIAL NUMBER	TSN	TSO	CSN	CSO	LIFE LIMIT	CYCLES LIFE REMAINING	OVR LIMIT (CYCLES)	CYCLES OVR REMAINING	OVR LIMIT (DAYS)	DAYS OVR REMAINING
1	LOCKING LOCKING SCREW	190-70254-005	AP0515	19209.82	1.82	16,334	1	58,000	39,666	20,000	19,999	3650	3,598
2	LOCKING LOCKING SCREW	190-70254-007	1479938002	1.82	1.82	1	1	58,000	55,999	20,000	19,999	3650	3,598
3	BOLT	190-70254-001	1225480002	19209.82	1.82	16,334	1	58,000	39,666	20,000	19,999	3650	3,598

Signature: 
Name: Mark D. Smith
Position: CC Manager

Signature: 
Name: Mark D. Smith
Position: CC Manager

W106402



RCS94611

Part No 4259A0000-G2
Serial No 00350
MC Qty 88
Exp Date
Qty 5-000 STP-1 A33 L4
Date 10-10-20
Order No 40000000
Rec Date 28 Jan 1997

NATURAL INCOME INSPECTION

2097365

[Signature]



SJOMAIN

TEMPORARY

F-STR-041A R3 032414



C&L Aviation
Group

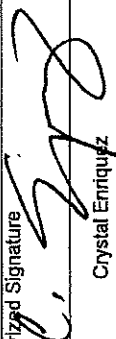
		171490		Mat. Class R
Installation / Serviceable				
Description SHOCK STRUT ASSY LH				
Part number 4259A0000-02		ATA Chapter 32		
Serial- / Batch number 00350		Condition OH		
Plate Mod Status				
Manuf. Date UNK	TSN 19208	CSN 16333	Shelf Life Expiry	
Owner 53583		Remarks		
Certifying Company C1008				
Certifying Number 107324		Certifying Date 25. Jan. 2017		
Supplier HAWKER PACIFIC AEROSPACE				
Ordernumber Y0008517		Received at Station / Store / Location SJO/MAIN/TEMPORARY		
Receiving Date 29. Jan. 2017		Certifying Stamp 		
Received by 20973GB				

F-STR-042A R0 032414

		171490	
Removal / Unserviceable			
Description			
Part number			
Serial number			
Action performed on A/C or Assembly			
Aircraft		Spec. Counter 1	
Position		Spec. Counter 2	
Total A/C Hours	Total A/C Cycles	Spec. Counter 1	
Workorder Number	Removal	Spec. Counter 2	
Removal Text	☒ Scheduled	☐ Unscheduled	
Date			
Station			
Name			
Part number			

W106402

W 106402

1. Approving Competent Authority/Country LBA / Germany		2. AUTHORIZED RELEASE CERTIFICATE EASA FORM 1		3. Form Tracking Number 107369	
4. Organisation Name and Address  Lufthansa Technik Lufthansa Technik AG Weg beim Jäger 193 22335 Hamburg Germany		5. Work Order/Contract/Invoice 660009020 / 50299167			
6. Item	7. Description	8. Part No.	9. Qty.	10. Serial No.	11. Status/Work
001	PIN, PINTLE	2821-0067	1	L243	OVERHAULED
12. Remarks: Life Details: TSN: CSN: 18756.00 TSO: ZERO CSO: ZERO X04272 OVERHAULED IN ACCORDANCE WITH LIEBHERR CMM 32-11-14 REV. 12 DATED 19SEP2014 AND CRM 32-11-14-R REV. 2 DATED 31JUL2015 COMPLIED WITH LIEBHERR TECHNICAL DISPOSITION: L-6011-ED-0009 ISSUE 01 DATED 26OCT2010 PREVIOUS OPERATOR: COPA AIRLINES, A/C HK-4505					
"Work performed by Hawker Pacific Aerospace, Sun Valley, CA, USA, a Lufthansa Technik Group Company"					
Further details of work performed are attached either in a Workshop Report or in other applicable documents ☒					
14a. ☒ Part-145.A.50 Release 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 Part-145 and in respect to that work the items are considered ready for release to service.					
14b. Authorized Signature 		14c. Certificate / Approval Ref. Number DE.145.0001		14e. Date (dd mmm yyyy) 26 Jan 2017	
14d. Name Crystal Enriquez					

EASA FORM 1 - Issue 2
USER/INSTALLER RESPONSIBILITIES

Note: This certificate does not automatically constitute authority to install.

Where the user/installer performs work in accordance with regulations of an airworthiness authority different from the airworthiness authority specified in block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts items from the airworthiness authority specified in block 1.

Statements in block(s) 13a and 14a 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.

1. Approving Civil Aviation Authority / Country

FAA / United States

2.

3. Form Tracking Number:

107315

AUTHORIZED RELEASE CERTIFICATE

FAA Form 8130-3, Airworthiness Approval Tag

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 Number:
660009020 / 50299167

6. Item

7. Description

8. Part Number

9. Quantity

10. Serial Number

11. Status/Work

1

PIN, PINTLE

2821-0067

1

L243

OVERHAULED

12. Remarks: Life Details:

CSN: 18756

TSO: ZERO

CSO: ZERO

OVERHAULED IN ACCORDANCE WITH LIEBHERR CMM 32-11-14 REV. 12 DATED 19SEP2014 AND CRM 32-11-14-R REV. 2 DATED 31JUL2015

COMPLIED WITH LIEBHERR TECHNICAL DISPOSITION: L-6011-ED-0009 ISSUE 01 DATED 26OCT2010

PREVIOUS OPERATOR: COPA AIRLINES, A/C HK-4505

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.

13b. Authorized Signature:

13c. Approval / Authorization No.:

13d. Name:

13e. Date:

14a.

☒ 14 CFR 43.9 Return to Service

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.

14b. Authorized Signature:

[Signature]

14d. Name: Julio Gonzalez

☐ Other regulation specified in Block 12

14c. Approval Certificate No.:

RJ3R817L

14e. Date: (dd/mm/yyyy)

26.Jan.2017

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.

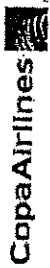
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W106402

CONTROLLED COMPONENTS FITTED (LIFE LIMITS ACCORDING TO MRB)

CONTROLLED COMPONENTS IDENTIFICATION (AS PER MRB)			LIFE USED AT FITMENT			LIFE USED AT REMOVAL			PROCURABLE ITEMS (AS PER CAM)			SERIAL NUMBER
PART NUMBER	SERIAL NUMBER	DESCRIPTION	DATE	EQUIPMENT CYCLES	COMPONENT CYCLES SINCE NEW	DATE	EQUIPMENT CYCLES	COMPONENT CYCLES SINCE NEW	PART NUMBER	DESCRIPTION		
1840-0021	11097	Bolt	19.05.2008	0	0				1840-0021	Bolt		N/A
2821-0080	1100383	Inner Tube	19.05.2008	0	0				2821-0080	Inner Tube		N/A
2821-0061	1403	Bolt	19.05.2008	0	0				2821-0061	Bolt		N/A
2821-0025	1519	Bolt	19.05.2008	0	0				2821-0025	Bolt		N/A
2821-0067	1588	Bolt	19.05.2008	0	0	25.01.2017	16,333	16,333	2821-0067	Bolt		N/A
2821-0082	1182	Bolt	19.05.2008	0	0				2821-0082	Bolt		N/A
2821-0111	10687	Main Fitting	19.05.2008	0	0				2821A0100-02	Main Fitting Assy		N/A
2821-0221	10556	Sliding Tube	19.05.2008	0	0				2821A0200-02	Sliding Tube Assy		N/A
2821-0202	10486	Wheel Axle	19.05.2008	0	0	25.01.2017	16,333	16,333	2821A0200-02	Sliding Tube Assy		N/A
2821-0310	10620	Upper Torque Link	19.05.2008	0	0				2821A0300-03	Upper Torque Link Assy		N/A
2821-0410	10507	Lower Torque Link	19.05.2008	0	0				2821A0400-02	Lower Torque Link Assy		N/A
2821-0622	903	Bolt	19.05.2008	0	0				2821A2600-01	Side Stay Bolt, Assy		N/A
2285A0000-03	00597	Damper Assy	19.05.2008	0	0	25.01.2017	16,333	16,333	2285A0000-03	Damper Assy		N/A
2821-0067	L243	BOLT	25.01.2017	16,333	16,333							
2821-0202	L0477	Wheel Axle	25.01.2017	16,333	16,324							
2285A0000-03	00710	Damper Assy	25.01.2017	16,333	17,457							

IF NECESSARY, ATTACH ADDITIONAL SHEETS.



R/H Main Landing Gear LLP Status

EMBRAER - MSN 19000114
Registration - HK-4505

A/C IT:	21.304
A/C TC:	18.756
Dir:	8-Sep-18
DOM:	15-Dec-06

PART	NOMENCLATURE	PART NUMBER	SERIAL NUMBER	LIFE LIMIT	DAYS SINCE OVL	CYCLES REMAINING	CYC SINCE OVL	TIME SINCE OVL	TOTAL TIME	PART	OVHL	DUE DATE	DAYS TO OVL	PART	OVHL	DAYS TO OVL	COMMENTS AND NOTES
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SHOCK STRUT ASSY RH (PN 2822A0000-03 & SN 05192)

SHOCK STRUT ASSY RH	2822A0000-04	05192		56.000	3.446	1.244	18.756	21.304	21.304	21.304	12-06-18	204	18.756	37.244	MSN 19000114
MAIN FITTING RH	2822-0111	182		56.000	3.446	1.244	18.756	21.304	21.304	21.304	12-06-18	204	18.756	37.244	MSN 19000114
UPPER TORQUE LINK	2821-0310	L0161		56.000	3.446	1.244	18.756	21.304	21.304	21.304	12-06-18	204	18.756	37.244	MSN 19000114
LOWER TORQUE LINK	2821-0410	L0169		56.000	3.446	1.244	18.756	21.304	21.304	21.304	12-06-18	204	18.756	37.244	MSN 19000114
INNER TUBE	2821-0080	HM00054		56.000	3.446	1.244	18.756	21.304	21.304	21.304	12-06-18	204	18.756	37.244	MSN 19000114
BOLT	2821-0811	L215		56.000	3.446	1.244	18.756	21.304	21.304	21.304	12-06-18	204	18.756	37.244	MSN 19000114
PIN PINTLE AFT	2821-0025	L240		56.000	3.446	1.244	18.756	21.304	21.304	21.304	12-06-18	204	18.756	37.244	MSN 19000114
PIN PINTLE FWD	2821-0037	L243		56.000	3.446	1.244	18.756	21.304	21.304	21.304	12-06-18	204	18.756	37.244	MSN 19000114
BOLT, SIDE STAY BRACKET	2821-0078	L277		56.000	3.446	1.244	18.756	21.304	21.304	21.304	12-06-18	204	18.756	37.244	MSN 19000114
BOLT	1840-0021	L2187		56.001	761	17.808	2.192	5.854	5.854	5.854	28-06-24	2.899	2.192	55.809	WAS RECEIVED AS NEW
BOLT (MLG)	2821-0001	L209		56.000	3.446	1.244	18.756	21.304	21.304	21.304	12-06-18	204	18.756	37.244	MSN 19000114
SLIDING TUBE	2821-0021	L0235		56.000	3.446	1.244	18.756	21.304	21.304	21.304	12-06-18	204	18.756	37.244	MSN 19000114
WHEEL AXLE	2821-0002	L206		56.000	3.446	1.244	18.756	21.304	21.304	21.304	12-06-18	204	18.756	37.244	MSN 19000114

MLG LOCKING STAY (PN 190-70250-409 & SN 00290)

MLG LOCKING STAY	190-70250-409	00290		56.000	3.202	1.244	18.756	21.304	21.304	21.304	13-09-17	448	18.756	37.244	MSN 19000114
STAY, LOCKING UPPER - MLG	190-70254-005	AP 0325		56.000	3.202	1.244	18.756	21.304	21.304	21.304	13-09-17	448	18.756	37.244	MSN 19000114
STAY, LOCKING LOWER - MLG	190-70262-005	AP 0519		56.000	3.202	1.244	18.756	21.304	21.304	21.304	13-09-17	448	18.756	37.244	MSN 19000114
BOLT - MLG	170-70274-001	1146542027		56.000	3.202	1.244	18.756	21.304	21.304	21.304	13-09-17	448	18.756	37.244	MSN 19000114

MLG SIDE STAY (PN 190-70150-404 & SN 00127)

MLG SIDE STAY	190-70150-404	00127		44.000	3.247	1.244	18.756	21.304	21.304	21.304	28-Jun-17	403	18.756	37.244	MSN 19000114
LOWER - STAY	190-70162-003	AP 0325		44.000	3.247	1.244	18.756	21.304	21.304	21.304	28-Jun-17	403	18.756	37.244	MSN 19000114
UPPER STAY	190-70164-003	AP 0253		44.000	3.247	1.244	18.756	21.304	21.304	21.304	28-Jun-17	403	18.756	37.244	MSN 19000114
SUPPORT ASSY	190-70164-003	1147543003		56.000	3.247	1.244	18.756	21.304	21.304	21.304	28-Jun-17	403	18.756	37.244	MSN 19000114
BOLT SIDE STAY	190-70156-001	1162237014		56.000	3.247	1.244	18.756	21.304	21.304	21.304	28-Jun-17	403	18.756	37.244	MSN 19000114
PIN	190-70158-001	1146469009		56.000	3.247	1.244	18.756	21.304	21.304	21.304	28-Jun-17	403	18.756	37.244	MSN 19000114

DAMPER ASSY

DAMPER ASSY	22854A0000-02	00026		56.000	3.446	1.244	18.756	21.304	21.304	21.304	12-06-18	204	18.756	37.244	MSN 19000114
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JOHN ALFONSO GUEVEDO CASTRO
TECHNICAL RECORDS ANALYST
AERIO REPUBLICA S.A.

W 106402

1. Approving Civil Aviation
Authority / Country

2.

3. Form Tracking Number:

FAA / United States

107206

AUTHORIZED RELEASE CERTIFICATE

FAA Form 8130-3, Airworthiness Approval Tag

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 Number
660009331 / 50290188

6. Item

7. Description

8. Part Number

9. Quantity

10. Serial Number

11. Status/Work

1 AXLE, WHEEL

2821-0202

1

L0477

OVERHAULED

12. Remarks: Life Details:

CSN: 16324

TSO: ZERO

CSO: ZERO

OVERHAULED IN ACCORDANCE WITH LIEBHERR CMM 32-11-14 REV. 12 DATED 19SEP2014 AND CRM 32-11-14-R REV. 2 DATED 31JUL2015.

PREVIOUS OPERATOR: COPA AIRLINES, A/C HK-4559

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.

13b. Authorized Signature:

13c. Approval / Authorization No.:

14b. Authorized Signature:

14a. ☒ 14 CFR 43.9 Return to Service

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.

14c. Approval Certificate No.:

RJ3R817L

HPI 80

13d. Name:

13e. Date:

14d. Name: Julio Gonzalez

14e. Date: (dd/mm/yyyy)
24.Jan.2017

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.

[illegible]

W 106402

CONTROLLED COMPONENTS FITTED (LIFE LIMITS ACCORDING TO MRB)

CONTROLLED COMPONENTS IDENTIFICATION (AS PER MRB)			LIFE USED AS PRESENT			LIFE USED AT REMOVAL			PROCURABLE ITEMS (AS PER CMM)			SERIAL NUMBER
PART NUMBER	SERIAL NUMBER	DESCRIPTION	DATE	EQUIPMENT CYCLES	COMPONENT CYCLES SINCE NEW	DATE	EQUIPMENT CYCLES	COMPONENT CYCLES SINCE NEW	PART NUMBER	DESCRIPTION		
1840-0021	L1097	Bolt	19.05.2008	0	0				1840-0021	Bolt		N/A
2821-0080	HW00383	Inner Tube	19.05.2008	0	0				2821-0080	Inner Tube		N/A
2821-0001	L005	Bolt	19.05.2008	0	0				2821-0001	Bolt		N/A
2821-0025	L016	Bolt	19.05.2008	0	0				2821-0025	Bolt		N/A
2821-0067	L398	Bolt	19.05.2008	0	0	25.01.2011	16,333	16,333	2821-0067	Bolt		N/A
2821-0082	L182	Bolt	19.05.2008	0	0				2821-0082	Bolt		N/A
2821-0111	L0637	Main Fitting	19.05.2008	0	0				2821-0100-02	Main Fitting Assy		N/A
2821-0221	L0556	Sliding Tube	19.05.2008	0	0				2821A0200-02	Sliding Tube Assy		N/A
2821-0202	L0480	Wheel Axle	19.05.2008	0	0	25.01.2011	16,333	16,333	2821A0200-02	Sliding Tube Assy		N/A
2821-0310	L0520	Upper Torque Link	19.05.2008	0	0				2821A0300-03	Upper Torque Link Assy		N/A
2821-0410	L0507	Lower Torque Link	19.05.2008	0	0				2821A0400-02	Lower Torque Link Assy		N/A
2821-0622	603	Bolt	19.05.2008	0	0				2821A2600-01	Side Stay Bolt, Assy		N/A
2821A0000-03	00507	Damper Assy	19.05.2008	0	0	25.01.2011	16,333	16,333	2265A0000-03	Damper Assy		N/A
2821-0067	L243	BOLT	25.01.2011	16,333	10,786							
2821-0202	L0477	Wheel Axle	25.01.2011	16,333	16,324							
2265A0000-03	002110	Damper Assy	25.01.2011	16,333	17,457							

IF NECESSARY, ATTACH ADDITIONAL SHEETS.

RH Main Landing Gear LLP Status

EMBRAER - MSN 19000200
Registration - HK-4558

ADT:	19-17-01
AC TC:	36324
Date:	6-Jul-18
DOM:	21-Jul-08

No.	NOMENCLATURE	PART NUMBER	SERIAL NUMBER	LIFE LIMIT	DAYS SINCE OVHL	CYCLES REMAINING	SYG SINCE OVHL	TIME SINCE OVHL	TOTAL TIME	PART	OVHL DUE DATE	DAYS TO PART TOTAL	LIFE	COMMENTS AND NOTES
SHOCK STRUT ASSY LH (PN 4260A000-02 & SN 05345)														
1	SHOCK STRUT ASSY RH	4260A000-02	05345	56,000	2,915	3,876	16,324	19,171:01	19,171:01	19,171:01	13-Jul-18	735	16,324	39,876 Original to MSN 19000200
1.1	MAIN FITTING RH	2822-0111	L0578	56,000	2,915	3,876	16,324	19,171:01	19,171:01	19,171:01	13-Jul-18	735	16,324	39,876 Original to MSN 19000200
1.2	UPPER TORQUE LINK	2821-0110	L0387	56,000	2,915	3,876	16,324	19,171:01	19,171:01	19,171:01	13-Jul-18	735	16,324	39,876 Original to MSN 19000200
1.3	LOWER TORQUE LINK	2821-0110	L0488	56,000	2,915	3,876	16,324	19,171:01	19,171:01	19,171:01	13-Jul-18	735	16,324	39,876 Original to MSN 19000200
1.4	INNER TUBE	2821-0060	HM00323	56,000	2,915	3,876	16,324	19,171:01	19,171:01	19,171:01	13-Jul-18	735	16,324	39,876 Original to MSN 19000200
1.5	BOLT	2821-0082	L1171	56,000	2,915	3,876	16,324	19,171:01	19,171:01	19,171:01	13-Jul-18	735	16,324	39,876 Original to MSN 19000200
1.6	PIN/PINPLE FWD	2821-0067	L675	56,000	2,915	3,876	16,324	19,171:01	19,171:01	19,171:01	13-Jul-18	735	16,324	39,876 Original to MSN 19000200
1.7	PIN/PINPLE AFT	2821-0025	L508	56,000	2,915	3,876	16,324	19,171:01	19,171:01	19,171:01	13-Jul-18	735	16,324	39,876 Original to MSN 19000200
1.8	BOLT SIDE STAY BRACKET	2821-0022	870	56,000	2,915	3,876	16,324	19,171:01	19,171:01	19,171:01	13-Jul-18	735	16,324	39,876 Original to MSN 19000200
1.9	BOLT	1940-0021	L1078	56,000	2,915	3,876	16,324	19,171:01	19,171:01	19,171:01	13-Jul-18	735	16,324	39,876 Original to MSN 19000200
1.1	BOLT (MLG)	2821-0001	L392	56,000	2,915	3,876	16,324	19,171:01	19,171:01	19,171:01	13-Jul-18	735	16,324	39,876 Original to MSN 19000200
1.11	SLIDING TUBE	2821-0021	L0586	56,000	2,915	3,876	16,324	19,171:01	19,171:01	19,171:01	13-Jul-18	735	16,324	39,876 Original to MSN 19000200
1.12	WHEEL AXLE	2821-0202	L0477	56,000	2,915	3,876	16,324	19,171:01	19,171:01	19,171:01	13-Jul-18	735	16,324	39,876 Original to MSN 19000200
MLG LOCKING STAY (PN 190-70250-409 & SN 00471)														
2	MLG LOCKING STAY	190-70250-409	00471	56,000	2,809	3,876	16,324	19,171:01	19,171:01	19,171:01	19-Jul-18	741	16,324	39,876 Original to MSN 19000200
2.1	STAY, LOCKING UPPER - MLG	190-70250-005	AP 0513	56,000	2,809	3,876	16,324	19,171:01	19,171:01	19,171:01	19-Jul-18	741	16,324	39,876 Original to MSN 19000200
2.2	STAY, LOCKING LOWER - MLG	190-70250-005	AP 0581	56,000	2,809	3,876	16,324	19,171:01	19,171:01	19,171:01	19-Jul-18	741	16,324	39,876 Original to MSN 19000200
2.3	BOLT - MLG	170-70274-001	1225460/023	56,000	2,809	3,876	16,324	19,171:01	19,171:01	19,171:01	19-Jul-18	741	16,324	39,876 Original to MSN 19000200
MLG SIDE STAY (PN 190-70250-402 & SN 00259)														
3	MLG SIDE STAY	190-70250-402	00035	44,000	2,915	3,876	16,324	19,171:01	19,171:01	19,171:01	13-Jul-18	735	16,324	27,876 Original to MSN 19000200
3.1	LOWER STAY	190-70162-003	AP 0521	44,000	2,915	3,876	16,324	19,171:01	19,171:01	19,171:01	13-Jul-18	735	16,324	27,876 Original to MSN 19000200
3.2	UPPER STAY	190-70154-003	AP 0555	44,000	2,915	3,876	16,324	19,171:01	19,171:01	19,171:01	13-Jul-18	735	16,324	27,876 Original to MSN 19000200
3.3	CRACK BOLT	190-70164-005	1205571/003	56,000	2,915	3,876	16,324	19,171:01	19,171:01	19,171:01	13-Jul-18	735	16,324	39,876 Original to MSN 19000200
3.4	BOLT SIDE STAY	190-70156-003	118983016	56,000	2,915	3,876	16,324	19,171:01	19,171:01	19,171:01	13-Jul-18	735	16,324	39,876 Original to MSN 19000200
3.5	BOLT SIDE STAY	190-70195-001	119552/008	56,000	2,915	3,876	16,324	19,171:01	19,171:01	19,171:01	13-Jul-18	735	16,324	39,876 Original to MSN 19000200
DAMPER ASSY														
4	DAMPER ASSY	2256A0000-00	04194	56,000	2,659	5,210	14,784	17,629:27	17,629:27	17,629:27	16-Mar-19	181	14,784	4,1218 new

Stefany Sánchez
Analista de Registros Técnica
Copa Airlines

W106402

- Final Teardown 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

Sales Ord. 660009378
Receipt Date
Customer Jet Blue Airways
Customer P.O. RO1848813
Urgency
Tail # N258JB

Receiving Planner Work Order Information

Qty	P.O. Part Number	Description	Serial Number	Manufacturer	Eligibility
1	2265A0000-03	SHIMMY DAMPER	00210	LIEBHERR AEROSPACE LINDENBERG GMBH	ERJ 190/195
	Customer Reported Discrepancy	N/A	CSO	TSO	TSN
				17459.00	28229:33
Warranty	N/A				
Customer Instructions	OVERHAUL				

Initial Evaluation Results

RECEIVED SHIMMY DAMPER P/N 2265A0000-02, S/N 00246 WITH NORMAL WEAR CONDITIONS. SHIMMY DAMPER SENT TO LIEBHERR-AEROSPACE, SALINE, INC. FOR OVERHAUL IAW LIEBHERR CMM 32-11-16.

Initial Test

Repair Action Description

Work accomplished

RECEIVED EXCHANGE UNIT FROM LIEBHERR SALINE MI, P/N 2265A0000-03, S/N 00210.
INSPECTED IN ACCORDANCE WITH LIEBHERR CMM 32-11-16 REV. 04 DATED 15SEP2014.
OVERHAULED AT LIEBHERR SALINE MICHIGAN. (REF. WO 271329) DATED: 08SEP2016
TSO: 0:00
CSO: 0:00 RSL: 38,541.00
SEE ATTACHED CERTIFICATION DOCUMENTATION. (CERT# L3RR193H)
SERVICE BULLETIN 190-32-0073 REV. 0 DATED 08/31/2016 ACCOMPLISHED. UNIT PN CHANGED TO PN:2265A0000-03
INSTALLED SUB-ASSEMBLIES:
3 COVER ASSY P/N: 2244A0600-01 (NP P/N:2244-0603); SN:L806;
CSN: 17459; CSO: 0:00; TSN: 28229:33; TSO: 0:00
COMPONENT IS FREE OF ANY INCIDENT OR ACCIDENT RELATED HISTORY (SEE NIS ATTACHED)
PREVIOUS OPERATOR - JETBLUE - OFF A/C# N228JB (MSN: 19000030)
FORWARD TO HPA OHC STOCK AS P/N 2265A0000-03. *ISSUE TO HPA W/O 660009415*

Repair Action Descr. created by U554705

Print at: Jan 24, 2017

As shipped Part Number 2265A0000-03

Publication 32-11-16

Signature - Certified Mechanical/Supervisor:

Cert #:

Date:

Signature - Certified Inspector:

Cert #:

Date:

3643312

JAN 24 2017

W106402

[illegible]

w 106402

CONTROLLED COMPONENTS FITTED (LIFE LIMITS ACCORDING TO MFR)

CONTROLLED COMPONENTS IDENTIFICATION (AS PER MFR)			LIFE USED AT FITMENT			LIFE USED AT REMOVAL			PROCURABLE ITEMS (AS PER CHM)			SERIAL NUMBER
PART NUMBER	SERIAL NUMBER	DESCRIPTION	DATE	EQUIPMENT CYCLES	COMPONENT CYCLES SINCE NEW	DATE	EQUIPMENT CYCLES	COMPONENT CYCLES SINCE NEW	PART NUMBER	DESCRIPTION	SERIAL NUMBER	
1840-0021	E1097	Bolt	19.05.2008	0	0				1840-0021	Bolt	N/A	
2821-0060	H400383	Inner Tube	19.05.2008	0	0				2821-0060	Inner Tube	N/A	
2821-0001	L409	Bolt	19.05.2008	0	0				2821-0001	Bolt	N/A	
2821-0025	L518	Bolt	19.05.2008	0	0				2821-0025	Bolt	N/A	
2821-0067	L588	Bolt	19.05.2008	0	0	25.01.2017	16,333	16,333	2821-0067	Bolt	N/A	
2821-0062	L182	Bolt	19.05.2008	0	0				2821-0062	Bolt	N/A	
2821-0111	L0697	Main Fitting	19.05.2008	0	0				2821A0100-02	Main Fitting Assy	N/A	
2821-0221	L0558	Sliding Tube	19.05.2008	0	0				2821A0200-02	Sliding Tube Assy	N/A	
2821-0202	L0460	Wheel Axle	19.05.2008	0	0	25.01.2017	16,333	16,333	2821A0200-02	Sliding Tube Assy	N/A	
2821-0310	L0520	Upper Torque Link	19.05.2008	0	0				2821A0300-03	Upper Torque Link Assy	N/A	
2821-0410	L0507	Lower Torque Link	19.05.2008	0	0				2821A0400-02	Lower Torque Link Assy	N/A	
2821-0622	803	Bolt	19.05.2008	0	0				2821A2600-01	Slide Stay Bolt, Assy	N/A	
2285A0000-03	00597	Damper Assy	19.05.2008	0	0	25.01.2017	16,333	16,333	2285A0000-03	Damper Assy	N/A	
2821-0067	L243	Bolt	25.01.2017	16,333	16,336	0						
2821-0202	L0477	Wheel Axle	25.01.2017	16,333	16,324	0						
2285A0000-03	00210	Damper Assy	25.01.2017	16,333	17,457	0						

IF NECESSARY, ATTACH ADDITIONAL SHEETS.

LIFE LIMIT REPORT

11240 SHERMAN WAY
SUN VALLEY, CA 91352

HAWKER PACIFIC
AEROSPAC E

FAA REPAIR STATION
RJ3R817L
PAGE 1 OF 1

REMOVAL

A/C #: HK-4560 A/C S/N: 19000208
POS: LH MLG
DATE: Jul-16 REASON: OVERHAUL

HPA WOF#: 660009415
CUST PO#: Y0008517
CUST P/N: N/A
MFG P/N: 4259A0000-02
MFG S/N: 00350

A/C #: N/A
ELIGIBILITY: E190/E195
DATE: Jan-17

INSTALL

E190/E195 LH MLG ASSEMBLY

SAFE LIFE LIMITS: E190 MRB-1928 REV 10 DATED 28APR2016

AS RECEIVED BY HPA

Customer Item No.	MFG P/N	NOMENCLATURE	MFG S/N	SAFE LIFE LIMITS	CYCLES SINCE NEW	REMAINING SAFE LIFE
***	4259A0000-02	LH SHOCK STRUT ASSY	00350	UNLIMITED	16,333	N/A
***	2821-0080	INNER TUBE	HM00353	56,000	16,333	39,667
***	2821-0025	PIN TLE PIN	L519	56,000	16,333	39,667
***	2821-0067	PIN TLE PIN	L588	56,000	16,333	REPLACED
***	2821A0100-02	LH MAIN FITTING ASSY	L0637	UNLIMITED	16,333	N/A
***	2821-0111	LH MAIN FITTING	L0637	56,000	16,333	39,667
***	2821A0200-02	SLIDING TUBE ASSY	L0556	UNLIMITED	16,333	N/A
***	2821-0221	SLIDING TUBE	L0556	56,000	16,333	39,667
***	2821-0202	MLG AXLE	L0480	56,000	16,333	REPLACED
***	2821A0300-03	UPR TORQUE LINK ASSY	L0520	UNLIMITED	16,333	N/A
***	2821-0310	UPR TORQUE LINK	L0520	56,000	16,333	39,667
***	2821A0400-02	LWR TORQUE LINK ASSY	L0507	UNLIMITED	16,333	N/A
***	2821-0410	LWR TORQUE LINK	L0507	56,000	16,333	39,667
***	2821A2500-01	SIDE STAY BOLT, ASSY	603	UNLIMITED	16,333	N/A
***	2821-0622	BOLT	603	56,000	16,333	39,667
***	2265A0000-03	MLG SHIMMY DAMPER	00557	56,000	16,333	REPLACED
***	2821-0082	BOLT	L182	56,000	16,333	39,667
***	1840-0021	BOLT	L1097	56,000	16,333	39,667
***	2821-0001	BOLT	L409	56,000	16,333	39,667

AS RELEASED BY HPA

MFG P/N	MFG S/N	CYCLES SINCE NEW	REMAINING SAFE LIFE	PREVIOUS OPERATOR
4259A0000-02	00350	16,333	N/A	COPA
2821-0080	HM00353	16,333	39,667	COPA
2821-0025	L519	16,333	39,667	COPA
2821-0067	L243	16,756	37,244	HK-4505
2821A0100-02	L0637	16,333	N/A	COPA
2821-0111	L0637	16,333	39,667	COPA
2821A0200-02	L0556	16,333	N/A	COPA
2821-0221	L0556	16,333	39,667	COPA
2821-0202	L0477	16,324	39,676	HK-4559
2821A0300-03	L0520	16,333	N/A	COPA
2821-0310	L0520	16,333	39,667	COPA
2821A0400-02	L0507	16,333	N/A	COPA
2821-0410	L0507	16,333	39,667	COPA
2821A2500-01	603	16,333	N/A	COPA
2821-0622	603	16,333	39,667	COPA
2265A0000-03	00210	17,459	36,541	N22038
2821-0082	L182	16,333	39,667	COPA
1840-0021	L1097	16,333	39,667	COPA
2821-0001	L409	16,333	39,667	COPA

PREPARED BY: *[Signature]* DATE: JAN 25 2017

VERIFIED BY: *[Signature]* DATE: JAN 25 2017

SAFE LIFE LIMITS HAVE BEEN REVIEWED AND VERIFIED TO APPROVED AND/OR ACCEPTED DATA.
CUMULATIVE CYCLE INFORMATION FOR EACH LIFE LIMITED COMPONENT OR ASSEMBLY
IS PROVIDED BY THE CUSTOMER. DOCUMENTATION IS RETAINED ON FILE AT THIS REPAIR FACILITY.

w106402

W106402

LIEBHERR

Aerospace.

Liebherr Aerospace Saline, Inc.
1465 Woodland Drive
Saline, MI 48176 USA

SHIPPED TO : Hawker Pacific Aerospace
11240 Sherman Way
Sun Valley, CA 91352-4942
FEDEX 09152145-8
CA
United States of America

Your order : 8000019749
Our reference : 273409
Your contact : Kenneth Sweat
Tel :
Fax :
E-mail :

VIA : Fedex
P.O. Box 94515
Palatine, IL 60094-4515
IL
United States of America

DELIVERY NOTE 422019

DATED 9/8/2016



ITEM / QTY	DESCRIPTION AND PART NUMBER	
1 / 1	Description : DAMPER ASSY E190	
	Delivered	P/N : 2265A0000-03 cust. Ref. : S/N : 00210
	Amdt : -	
	Concession :	
	Received	P/N : 2265A0000-02 cust. Ref. : S/N : 00246
	Amdt : -	
Cust. DN :		SFR: 271329
Work performed : OVERHAUL		
Custom value only 4261.39 USD		
Modification added : SB190-32-0073		
Rev : 0		
Airworthiness control : DUAL RELEASE FAA		
Packdng : ATA 300 CAT II / III		
Incoterms : FDX - P1 (OVERNIGHT BY 10:30)		
comments :		
PACKAGE	REFERENCE :	N.W. (kg) :
		G.W. (kg) :
		Dimensions (cm) :

W106402

LIEBHERR

Liebherr Aerospace Saline, Inc.
1465 Woodland Drive
Saline, MI 48176
U.S.A.

Hawker Pacific Aerospace
11240 Sherman Way
Sun Valley, CA 91352-4942
FEDEX 09152145-8
CA
United States of America

Your Contact : Name : Kenneth Sweat
Tel :
Fax :
E-mail :

Attn : Valerie Sawyer
Tel : 1 818-232-5921
Fax : 1 818-765-8073
E-mail : angle.alvarez@hawker.com

SHOP FINDING REPORT
INVESTIGATION REPORT

Repair Order : 271329
Sales Order : 765378
Sheet : 1 of 3 Issue : 1
Date : 9/8/2016

CUSTOMER DATA

Operator : jetblue airways corporation
Customer Order : 8000018675
Defect Report :
Customer Doc. :
Aircraft : ERJ 190
Aircraft Reg N° : N228JB
Date of Removal : 3/29/2016
Date of Receipt : 5/3/2016
Work Requested : overhaul
Warranty Requested : No
Airworthiness Dir. :
Approved Data : CMM 32-11-16 9/15/2014 Rev 4
Modification Doc :
SB190-32-0073 Rev0 8/31/2016

UNIT RECEIVED DATA

Part N° : 2265A0000-02
Amendments : -
Description : damper assy c190
Customer Ref. :
Serial N° : 00210
Manufacturer : D9893
Quantity : 1
MFG Date : 01.06
TSI :
TSO :
TSN : 28229:33
CSI :
CSO :
CSN : 17459

UNIT TO BE DELIVERED /
UNIT DELIVERED

Part N° : 2265A0000-03
Amendments : -
Customer Ref. :
Serial N° : 00210
Concession :
Work Performed : overhaul
Warranty Applied : Out of Warranty

Comments :

LIEBHERR**SHOP FINDING REPORT
INVESTIGATION REPORT**

Repair Order	: 271329	
Sales Order	: 765378	
Sheet	: 2 of 3	Issue : 1
Date	: 9/8/2016	

REASON FOR RETURN :

ACCOMPLISHMENT OF FULL OVERHAUL PER CMM 32-11-16 REV 4 DATED 15SEP2014.

VISUAL CHECK :**FINDINGS AND ANALYSIS :**

1. Requires BTBI & NIL
2. Customer requests full overhaul.
3. Shaft assy has corrosion and worn threads. Photos. PN: 2265A0100-01, SN: L172.
4. Housing assy has corrosion at shaft hole and cover sealing area. Photos. PN: 2244A0400-01, SN: L591
5. Qty 2 Disc rings worn. Photos. PN: 2244-0012.
6. Unit requires SB 190-32-0073 Rev. 0 dated 8/31/16- accomplishment instructions part II in shop. Upgrade of shimmy shaft.
7. Unit requires final test.

ORIGIN OF DEFECT :**WORK PERFORMED :**

1. Received BTBI/NIL.
2. Unit was overhauled IAW CMM.
3. Shaft assy was replaced and upgraded IAW SB 190-32-0073. PN: 2265A0100-04, SN: L2806.
4. Replaced housing assy IAW CMM. PN: 2244A0400-01, SN: L3719.
5. Replaced disc rings IAW CMM.
6. CW SB 190-32-0073 Rev. 0 date 8/31/16- accomplishment instructions part II in shop. Shaft was upgraded. Unit PN changed to PN: 2265A0000-03. New shaft PN: 2265A0100-04, SN: L2806.
7. Unit was tested IAW CMM, all values test within limits.

CORRECTIVE ACTIONS :

Unit was inspected, repaired, overhauled, modified and tested IAW CMM 32-11-16 rev. 4 dated 9/15/14 and SB 190-32-0073 Rev. 0 dated 8/31/16 accomplishment instruction part II in shop. Unit PN has changed to 2265A0000-03.

MISCELLANEOUS :

W 106402

1. Approving Civil Aviation Authority:		2. AUTHORIZED RELEASE CERTIFICATE		3. Form Tracking Number:	
FAA/United States		FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG		271329	
4. Organization Name and Address:		Liebherr Aerospace Saline, Inc. 1465 Woodland Drive - Saline, MI 48176 U.S.A.		5. Work Order/Contract Invoice Number: 271329	
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
1	DAMPER ASSY E190	2265A0000-03	1	00210	OVERHAULED
12. Remarks: TSO 0 Modification: from 2265A0000-02 to 2265A0000-03 Approved Data: CMM 32-11-16 9/15/2014 Rev 4 According to SBI90-32-0073 Rev 0 8/31/2016 Investigation Report N°: 271329 Comments: Return to service. Work specified accomplished IAW 14CFR Part 43.13(a)(b) and (c) AC 43.18 if local fabricated parts were used TSN: 28729-33 TSO: 0 CSN: 17459 CSO: 0					
13a. Limited life parts must be accompanied by maintenance history including total time / total cycle / time since new.					
13b. Certifies the items identified above were manufactured in conformity to: ☐ Approved design data and use in a condition for safe operation. ☐ Non-approved design data specified in Block 12.					
13c. Authorized Signature:		13d. Authorized Signature:		14c. Approval/Certificate No.:	
		LSL 18		L3RR193H	
13e. Name (Typed or Printed):		13f. Date (dd/mm/yyyy):		14e. Date (dd/mm/yyyy):	
				08 SEP 2016	
14. ☒ 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.					
User/Installer Responsibilities					
It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.					
Where the user/installer performs work 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 aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1.					
Statements in Blocks 13a and 14a 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.					

W106402

LIFE LIMIT PARTS STATUS LIST Aircraft N982TA (MSN 19000259) As of: 27/04/2017

LH MLG SHOCK STRUT ASSEMBLY

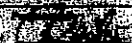
P/N: 4289A0000-02		C/N: 18334		T/SN: 19209.82		Installation Date: 04/03/2017							
S/N: 90380		CSD: 1		TSD: 1.82									
ITEM No.	PART DESCRIPTION	PART NUMBER	SERIAL NUMBER	TBR	TSD	CEN	CSD	LIFE LIMIT	CYCLES LIFE REMAINING	OVL LIMIT (CYCLES)	CYCLES OVL REMAINING	OVL LIMIT (DAYS)	DAYS OVL REMAINING
1	SHOCK STRUT	2521-0000	1800000	19209.82	1.82	18.334	1	55,000	39,666	20,000	19,999	3650	3,596
2	PISTON PIN	2521-0007	1249	21305.83	1.82	18.334	1	55,000	37,243	20,000	19,999	3650	3,596
3	PISTON PIN	2521-0008	1519	19209.82	1.82	18.334	1	55,000	39,666	20,000	19,999	3650	3,596
4	PISTON PIN	2521-0011	1800000	19209.82	1.82	18.334	1	55,000	39,666	20,000	19,999	3650	3,596
5	PISTON PIN	2521-0012	1800000	19209.82	1.82	18.334	1	55,000	39,666	20,000	19,999	3650	3,596
6	PISTON PIN	2521-0013	1800000	19209.82	1.82	18.334	1	55,000	39,666	20,000	19,999	3650	3,596
7	UPPER LOWER SHOCK	2521-0014	1800000	19209.82	1.82	18.334	1	55,000	39,666	20,000	19,999	3650	3,596
8	LOWER LOWER SHOCK	2521-0015	1800000	19209.82	1.82	18.334	1	55,000	39,666	20,000	19,999	3650	3,596
9	BOLT	2521-0016	1800000	19209.82	1.82	18.334	1	55,000	39,666	20,000	19,999	3650	3,596
10	SHOCK STRUT	2521-0017	1800000	19209.82	1.82	18.334	1	55,000	39,666	20,000	19,999	3650	3,596
11	ROCK (SHOCK STRUT)	2521-0018	1800000	19209.82	1.82	18.334	1	55,000	39,666	20,000	19,999	3650	3,596
12	BOLT	2521-0019	1800000	19209.82	1.82	18.334	1	55,000	39,666	20,000	19,999	3650	3,596
13	BOLT	2521-0020	1800000	19209.82	1.82	18.334	1	55,000	39,666	20,000	19,999	3650	3,596

LH MLG SHOCK STRUT

P/N: 180-70154-003		C/N: 18334		T/SN: 19209.82		Installation Date: 06/03/2017							
S/N: 00046		CSD: 1		TSD: 1.82									
ITEM No.	PART DESCRIPTION	PART NUMBER	SERIAL NUMBER	TBR	TSD	CEN	CSD	LIFE LIMIT	CYCLES LIFE REMAINING	OVL LIMIT (CYCLES)	CYCLES OVL REMAINING	OVL LIMIT (DAYS)	DAYS OVL REMAINING
1	UPPER STAY	180-70154-003	AP0538	19209.82	1.82	18.334	1	44,000	27,866	20,000	19,999	3650	3,596
2	LOWER STAY	180-70154-003	AP0532	19209.82	1.82	18.334	1	44,000	27,866	20,000	19,999	3650	3,596
3	BOLT	180-70154-003	1800000	19209.82	1.82	18.334	1	55,000	39,666	20,000	19,999	3650	3,596
4	BOLT	180-70154-003	1800000	19209.82	1.82	18.334	1	55,000	39,666	20,000	19,999	3650	3,596
5	BOLT	180-70154-003	1800000	19209.82	1.82	18.334	1	55,000	39,666	20,000	19,999	3650	3,596

LH MLG LOCKING STAY

P/N: 180-70154-003		C/N: 18334		T/SN: 19209.82		Installation Date: 06/03/2017							
S/N: 00486		CSD: 1		TSD: 1.82									
ITEM No.	PART DESCRIPTION	PART NUMBER	SERIAL NUMBER	TBR	TSD	CEN	CSD	LIFE LIMIT	CYCLES LIFE REMAINING	OVL LIMIT (CYCLES)	CYCLES OVL REMAINING	OVL LIMIT (DAYS)	DAYS OVL REMAINING
1	LOCKING UPPER STAY	180-70154-003	AP0515	19209.82	1.82	18.334	1	55,000	39,666	20,000	19,999	3650	3,596
2	LOCKING LOWER STAY	180-70154-003	1800000	1.82		7		55,000	39,999	20,000	19,999	3650	3,596
3	BOLT	180-70154-003	1800000	19209.82	1.82	18.334	1	55,000	39,666	20,000	19,999	3650	3,596

Signature: 
Name: Alan L. Reynolds
Position: ALM L. Reynolds

Signature: 
Name: Carol D. Reynolds
Position: QC Manager



May 11, 2017 REV 1

To Whom It May Concern

Dear Sirs:

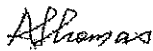
JetBlue Airways hereby certifies that the Gear and Shock Strut arrangements, listed below were installed on **April 04, 2006** and removed from JetBlue Airways aircraft MSN **190 00030** on **March 29, 2016**:

Strut Main Landing Gear, RH PN 2822A0000-03 SN 05141

It is further certified that to the best of our knowledge the aircraft from which this part was removed, while in the possession of JetBlue Airways, was not involved in any major incident or accident, and was not subject to severe stress, damage or major defects.

During this period, **17,459** cycles and **28,229:33** hours was accumulated on the part/aircraft combination during service with JetBlue Airways.

Sincerely,


Anthony Thomas
Supervisor, Quality Assurance
Technical Operations
JetBlue Airways



w 106402

DATE 3-29-16		TIME (GMT) 21:00		STATION BNA		LogPage/TCWO # 1777935-1	
AC N228JB	NHA P/N	FIN/POSITION R/H	NHA SIN				
REMOVED P/N 2822A 0000-03		QTY 1					
REMOVED SIN 05141		SOS Eligible ☐					
REMOVAL CODE ☐ 1- HARD FAILURE ☐ 2- BAD FROM STOCK ☐ 3- PRECAUTIONARY/TROUBLESHOOTING ☒ 4- TIME		5- MODIFICATION ☐ 6- BORROWED ☐ 7- SWAP ☐ 8- OTHER ☐					
REASON FOR REMOVAL INCLUDE SITE T/S PRINTOUT AND PFR MLG Shock Strut Removal E190-32-11-01-000-801-D JSC # H4928 Task 7011							
REMOVED BY # AND SIGNATURE Luhn 5314				INSTALLED BY # AND SIGNATURE J. H. 5340			

jetBlue		BATCH # 2921927			
PN 2822A0000-04	SOS	CAT ELIGIBLE	ESD	HAZMAT	
SN 05158	PIN CAT. E190RE	ATA 32-49-0	ORDER # EX 1815743	FIN/POSITION	ROBBED ☐
DESCRIPTION MLG, SHOCK STRUT ASSY, RH (POST-MOD)		SL/EXP.	LogPage/TCWO #		
TSN HRS/CYC/DAYS TSN 21299/19475/0					
REM. SVC. FROM A/C OR NHA P/N					
REM. SVC. FROM NHA SIN					
INSP. DATE 3/15/2016	INSPECTED BY # HR37170 RENGIFO, HANS	INSPECTED BY SIGNATURE 			

W106402

T

Tally No: 11

A/C: N228JB *7011*

jetBlue

Task Card No. E190-32-11-01-000-801-B	Description MAIN LANDING GEAR (MLG)	AMP Task No. 32-11-00-001
Station BNA	Work Order No. 755654	Fleet E190-100
Date 03/07/2016	Regulatory Ref.	Area MLG
		Revision 12/09/2015

HAVE YOU INVENTORIED YOUR PARTS & TOOLS?

Zone

731, 741

Access Panels

Component	Description	Serial No.	Position
2822A0000-03	MLG, SHOCK STRUT ASSY, RH (PRE-MOD)	05141	RMLG

If this task card requires removal and replacement of the above component, enter the new installed component information: P/N Installed: 2822A 0000 - 04
S/N Installed: 05158

Note to Technician / QC:

Part/Tools Required to Accomplish Task:

Part Number	Description	Quantity
CML11-026C	DEGREASER, PRESOLVE LPS	1

Item	Work Instructions	Technician	Checked By														
1	TASK 32-11-01-000-801-B ON A/C: 001-999 ALL Main-Landing-Gear Shock Strut - Removal 1. General A. This task gives the procedure to remove the main-landing-gear shock strut. NOTE: The usual procedure is to remove the shock strut without the wheels and brakes. B. Data is given for the left shock strut. Data for the right shock strut, which is different, is given in parentheses. C. These maintenance technicians are necessary to do this task: • 2 - Mechanical Systems 2. References <table border="1"><thead><tr><th>REFERENCE</th><th>DESIGNATION</th></tr></thead><tbody><tr><td>AMM TASK 07-10-01-500-801-A/200</td><td>Complete Aircraft Jacking - Maintenance Practices</td></tr><tr><td>AMM TASK 29-10-00-860-804-A/200</td><td>Hydraulic System - Depressurization</td></tr><tr><td>AMM TASK 32-00-00-860-801-A/200</td><td>Landing Gear - Prepare for Maintenance</td></tr><tr><td>AMM TASK 32-11-09-000-801-A/400</td><td>Main-Landing-Gear Downlock Spring - Removal</td></tr><tr><td>AMM TASK 32-12-06-000-801-A/400</td><td>Main-Landing-Gear Lower Door - Removal</td></tr><tr><td>AMM TASK 32-49-05-000-801-A/400</td><td>Main Wheel - Removal</td></tr></tbody></table>	REFERENCE	DESIGNATION	AMM TASK 07-10-01-500-801-A/200	Complete Aircraft Jacking - Maintenance Practices	AMM TASK 29-10-00-860-804-A/200	Hydraulic System - Depressurization	AMM TASK 32-00-00-860-801-A/200	Landing Gear - Prepare for Maintenance	AMM TASK 32-11-09-000-801-A/400	Main-Landing-Gear Downlock Spring - Removal	AMM TASK 32-12-06-000-801-A/400	Main-Landing-Gear Lower Door - Removal	AMM TASK 32-49-05-000-801-A/400	Main Wheel - Removal		
REFERENCE	DESIGNATION																
AMM TASK 07-10-01-500-801-A/200	Complete Aircraft Jacking - Maintenance Practices																
AMM TASK 29-10-00-860-804-A/200	Hydraulic System - Depressurization																
AMM TASK 32-00-00-860-801-A/200	Landing Gear - Prepare for Maintenance																
AMM TASK 32-11-09-000-801-A/400	Main-Landing-Gear Downlock Spring - Removal																
AMM TASK 32-12-06-000-801-A/400	Main-Landing-Gear Lower Door - Removal																
AMM TASK 32-49-05-000-801-A/400	Main Wheel - Removal																

Technician / QC Notes: *Asst 1209 G Due 8-12-16*

HAVE YOU INVENTORIED YOUR PARTS & TOOLS?

Task Card:



E190-32-11-01-000-801-B

W/O:



755654

ALL DISCREPANCIES FOUND WHILE PERFORMING THIS TASK CARD MUST BE DOCUMENTED ON A NON-ROUTINE PER GMM 4C AND 4D

Page: 1 of 38

Print Date: 12/17/2015

BLUECC
53070

W106402

P/N Detail Print

jetBlue

P/N: 2822A0000-03		P/N S/N: 05141		MLG, SHOCK STRUT ASSY, RH (PRE-MOD)		Batch:		195473	
Control Items	Description	Hours	Cycles	Days	Date	Hours	Cycles	Days	STATUS
TSLV						28229:33	17459	0:00	
SCRAP						28229:33	17459	0:00	
TSN						5311:37	3428	0:00	
32-11-160-ALG-01	LANDING GEAR - MAIN LANDING GEAR (MLG) FLOATING PISTON SEAL REPLACEMENT					0:00	0	0:00	OPEN
2028-11-01-AMAG	LANDING GEAR - REPLACEMENT OF BOLTS ON THE LOCKING STAY SUPPORT BRACKET					0:00	0	0:00	TERMINATED
E190-ALG-CHANGE-ON	E190 MAIN LANDING GEAR (MLG) INSTALLATION					20381:21	12715	0:00	OPEN
190-32-A033	LANDING GEAR - REPLACEMENT OF BOLTS ON THE LOCKING STAY SUPPORT BRACKET					0:00	0	0:00	TERMINATED
2012-12-23-FAA-01	GENERAL VISUAL INSPECTION (GVI) OF THE LEFT HAND (LH) AND THE RIGHT HAND (RH) MLG RETRACTION ACTUATORS					9913:09	6356	0:00	OPEN
32-11-00-001	MAIN LANDING GEAR (MLG)					28240:35	17471	0:00	OPEN
190-32-0007-02	LANDING GEAR - MLG - FINAL MODIFICATION - MODIFICATION OF RETRACTION ACTUATOR ATTACH POINT ON THE SHOCK STRUT					28240:35	17471	0:00	OPEN
190-32-0028	LANDING GEAR - MLG - REPLACEMENT OF THE UPLOCK ROLLER					0:00	0	0:00	TERMINATED
190-32-0040-01	LANDING GEAR - MLG - SHOCK STRUT - REPLACEMENT OF BOLTS P/N 1840-0028					0:00	0	0:00	TERMINATED
32-11-160-ALG-03	MLG - RETRACTION ACTUATOR ATTACHMENT POINT - FINAL MODIFICATION					10039:38	6440	0:00	OPEN
E190-MLG-CHANGE-OFF	E190 MAIN LANDING GEAR (MLG) REMOVAL					20381:21	12715	0:00	OPEN
32-11-160-ALG-04	MAIN LANDING GEAR - SHOCK STRUT - REPLACEMENT OF THE BOLTS 1840-0028					13587:59	8685	0:00	OPEN
P/N: 1840-0021		P/N S/N: N228UNK		BOLT		Batch:		195374	
Control Items	Description	Hours	Cycles	Days	Date	Hours	Cycles	Days	STATUS
SCRAP						28229:33	17459	0:00	
TSLV						28229:33	17459	0:00	
TSN						28229:33	17459	0:00	

Anthony Thomas Affonso
Supervisor, Quality Assurance
Technical Operations
jetBlue Airways - 5/15/2017

PIN Detail Print

jetBlue

PIN: 2225-0014		PIN SIN: H100125		TUBE, INNER		Batch: 196390		
Control Items	Description	Hours	SCHEDULE Cycles Days	Hours	ACTUAL Cycles Days	Hours	REMAINING Cycles Days	STATUS
TSLEV					28229:33 17459	0:00	0	
TSN					28229:33 17459	0:00	0	
SCRAP					28229:33 17459	0:00	11341	0
PIN: 2255A0000-02		PIN SIN: 00210		DAMPER, ASSY		Batch: 196470		
Control Items	Description	Hours	SCHEDULE Cycles Days	Hours	ACTUAL Cycles Days	Hours	REMAINING Cycles Days	STATUS
TSLEV					28229:33 17459	0:00	0	
TSN					28229:33 17459	0:00	0	
SCRAP					28229:33 17459	0:00	11341	0
PIN: 2821-0001		PIN SIN: N228UNK		BOLT		Batch: 196375		
Control Items	Description	Hours	SCHEDULE Cycles Days	Hours	ACTUAL Cycles Days	Hours	REMAINING Cycles Days	STATUS
TSN					28229:33 17459	0:00	0	
SCRAP					28229:33 17459	0:00	11341	0
TSLEV					28229:33 17459	0:00	0	
PIN: 2821-0025		PIN SIN: L105		PINTLE PIN		Batch: 196391		
Control Items	Description	Hours	SCHEDULE Cycles Days	Hours	ACTUAL Cycles Days	Hours	REMAINING Cycles Days	STATUS
TSN					28229:33 17459	0:00	0	
TSLEV					28229:33 17459	0:00	0	
SCRAP					28229:33 17459	0:00	11341	0

AnTHONY Thomas Affiance
 Supervisor, Quality Assurance
 Technical Operations
 JetBlue Airways - 5/15/2017

W106402

1/1

 **EMBRAER**

LOG CARDS

EMBRAER 190

- AIRCRAFT MODEL: ERJ 190-100IGW
- SERIAL NUMBER: 19000030
- CUSTOMER: JETBLUE

PN	PART DESCRIPTION	SN
MODEL LANDING GEAR		
190-70453-401	NLG SHOCK STRUT	00041
190-70550-401	NLG DRAG BRACE ASSY	00044
190-70650-401	NLG LOCKING STAY	00048
LEFT MAIN LANDING GEAR		
190-70024-405	MAIN LANDING GEAR ASSY LH	00134
190-70150-403	MLG SIDE STAY LH	00052
190-70250-407	MLG LOCKING STAY	00086
2821A0000-03	SHOCK STRUT ASSY LH	00134
RIGHT MAIN LANDING GEAR		
190-70024-406	MAIN LANDING GEAR ASSY RH	05141
190-70150-404	MLG SIDE STAY RH	00044
190-70250-407	MLG LOCKING STAY	00087
2822A0000-03	SHOCK STRUT ASSY RH	05141
WING		
601E0100-533	THRUST REVERSER ASSY LH - LH WING	MR-EL-0057
601E0100-534	THRUST REVERSER ASSY RH - LH WING	MR-ER-0057
341-2001-507	COWL ASSY-FAN LH	0081001
341-2002-507	COWL ASSY-FAN RH	0084001
341-1011-509	INLET ASSEMBLY	0072001
ENGINE		
601E0100-535	THRUST REVERSER ASSY LH - RH WING	MR-EL-0067
601E0100-536	THRUST REVERSER ASSY RH - RH WING	MR-ER-0071
341-2001-507	COWL ASSY-FAN LH	0084001
341-2002-507	COWL ASSY-FAN RH	0084001
341-1011-509	INLET ASSEMBLY	0082001
AVIONICS		
5912855-01	BATTERY - 24V, 27 AH, NI-CD	P02908
5912855-01	BATTERY - 24V, 27 AH, NI-CD	P04784

ASSEMBLY LOG CARD / ENGINEERING RECORD CARD				
Part Number	Unit Description	Serial Number		
2822A0000-03	Shock Strut Assy RH	05141		
Prod. ATP	Specification	Approved Data		
190LGZ027	190DSP018			
Purch. ATP	Manufacturer	Contract No.		
	LIEBHERR AEROSPACE			
LIFE: Shelf :	To Overhaul:	To Scrap		
	AS PER MRB	AS PER MRB		
Installed serialized components / Sub-Assemblies				
Description	Part Number	Serial Number / Trade Code	Ultimate Life	Maximum T.B.O.
Inner Tube	2225-0014	HM00126	AS PER MRB	AS PER MRB
Nut	2225-0069	L546	AS PER MRB	AS PER MRB
Valve Platoon	2821-0068	HM92	AS PER MRB	AS PER MRB
Bolt	2821-0012	L98	AS PER MRB	AS PER MRB
Bolt	2821-0039	L78	AS PER MRB	AS PER MRB
Bolt	2821-0025	L105	AS PER MRB	AS PER MRB
Bolt	2821-0067	L122	AS PER MRB	AS PER MRB
Main Fitting	2822-0111	L0136	AS PER MRB	AS PER MRB
Sliding Tube	2821-0221	L0142	AS PER MRB	AS PER MRB
Wheel Axle	2821-0202	L102	AS PER MRB	AS PER MRB
Upper Torque Link	2821-0310	L91	AS PER MRB	AS PER MRB
Lower Torque Link	2821-0410	L36	AS PER MRB	AS PER MRB
Bolt	2821-0611	L124	AS PER MRB	AS PER MRB
Piston	2821-0073	L83	AS PER MRB	AS PER MRB
Damper Assy	2265A0000-02	00210	AS PER MRB	AS PER MRB
Manufacture Data Verification				
Date 02.03.95	Inspection Sign	Stamp		

Remarks : For components after repair see attached Assembly Report

