

1. Approving Civil Aviation Authority/Country: **2.** **AUTHORIZED RELEASE CERTIFICATE**
 FAA / United States FAA form 8130-3, AIRWORTHINESS APPROVAL TAG

3. Form Tracking Number: 20182182

4. Organization Name and Address: **BOMBARDIER AEROSPACE, Learjet Inc., Wichita Service Center**
 Bldg Z, Dock 10, 8220 W. Harry, Wichita, Kansas 67209-2924 (FAA/CRS# LK2R981K)

5. Work Order/Contract/Invoice Number: 20182182

6. Item: **7. Description:** STRUT ASSY, MAIN LANDING **8. Part Number:** 2394105-825 **9. Quantity:** 1 **10. Serial Number:** 0104 **11. Status/Work:** OVERHAULED

12. Remarks: SEE ATTACHED SERVICE ORDER #20182182 FOR WORK PERFORMED. OVERHAULED STRUT AND COMPLIED WITH MAJOR LANDING GEAR INSPECTION. TSO-00:00 HRS CURE DATE: 2011 SCOTT KAIFKA 45858

Wichita Service Center. CRS FAA/CRS# LK2R981K certifies that the work specified in Block 11/12 was carried out in accordance with EASA Part 145 and in respect to that work the component is considered ready for release to service under EASA Part - 145 Approval Number: EASA 145.4624

13a. Certifies 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
 Other regulation specified in Block 12

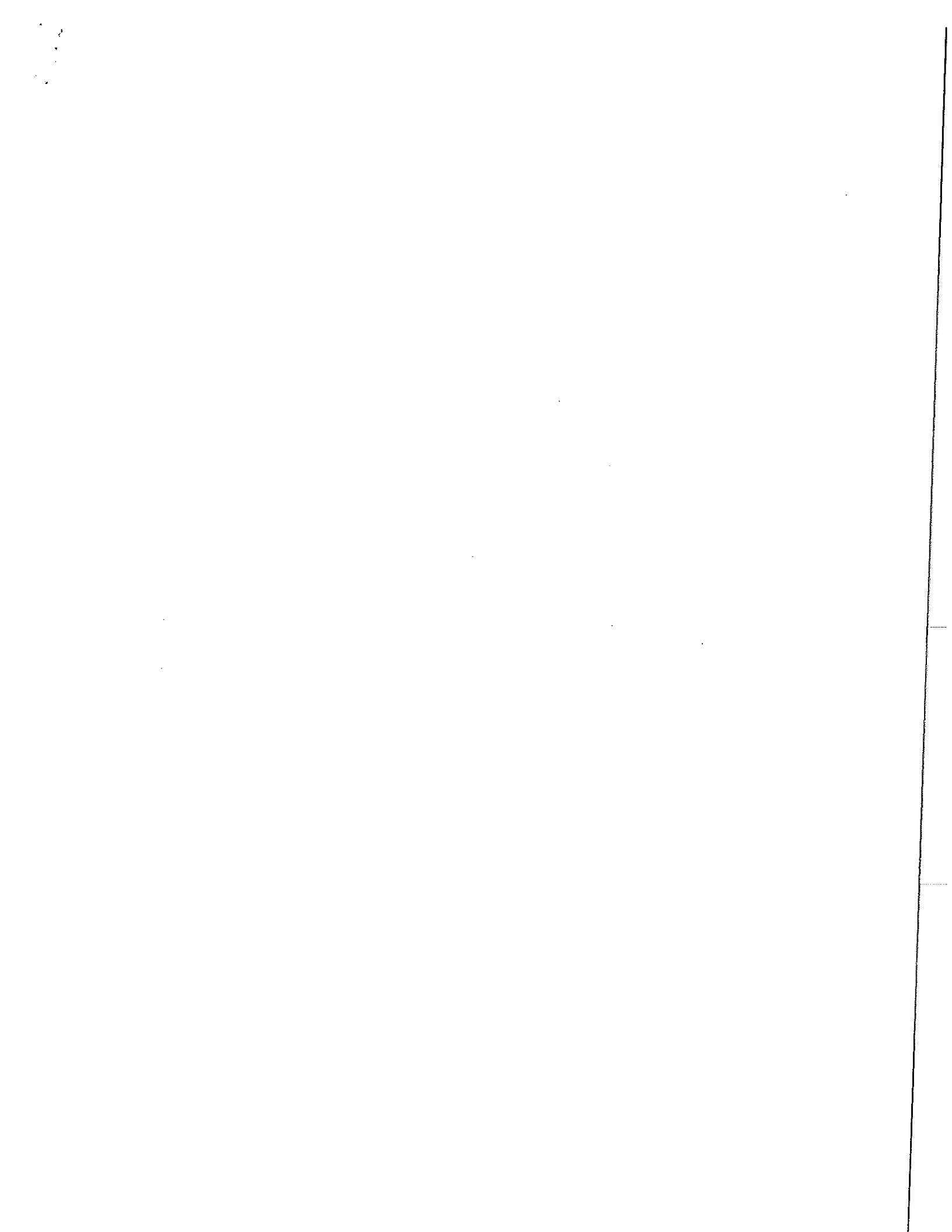
13b. Authorized Signature:	13c. Approval/Authorization No.:	14a. Authorized Signature:	14b. Name (Typed or Printed):	14c. Approval/Certificate No.:	14d. Date (dd/mm/yy):
		<i>William Woelkerp</i>	William Woelkerp	FAA/CRS# LK2R981K	25/NOV/2015

User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the 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 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.



Work Order Number: 3428489		Service Order Number: 20182182		SVO Control Number:		Work Center: 1AGNHL		Required Date: 11-25-15	
Customer Name: Global Parts Inc.		Purchase Order: 083401-CRO		Originating SVO Number:		ATA Code:		RII: NO	
Aircraft Model and SN:		Registration:		Nomenclature: STRUT ASSY, MAIN LANDING		Part Number: 2394105-825		Serial Number: 0104	
Aircraft Hours:	Aircraft Landings:	Component Hours: 12297.1		Component Cycles: 11780.0		New Part Number:		New Serial Number:	
Date Discrepancy Entered: 09-02-2015		Written By: K CORNWELL		Date Authorized to Work: 09-02-2015		Authorized By: K CORNWELL		Location:	

DISCREPANCY / TASK: FOR STOCK ITEM								Reason for Removal (Select one)	
DEFECT: PLEASE EVALUATE FOR REPAIR IN ACCORDANCE TO THE LATEST CMM OR OTHER									
APPROVED FAA DATA								Scheduled	
LOC: GRAY CART								X Failed	
								Worn to Limit	
								DOA	
Comply with Preliminary Inspection:		Date: 10-6-15		Performed By: 10-6-15		M 45858 PRO-SEN		Other	

CORRECTIVE ACTION:
- DISPOSTN - 0060 - TEARDOWN REPORT

THE FOLLOWING WORK PERFORMED IS IN ACCORDANCE WITH LEARJET 35 MM REV A4 MAR 02/15 32-11-00, 32-10-25, 05-11-00, 05-10-26. STARTED DISASSEMBLY. SCOTT KAFKA 45858 10-06-15

COMPLETED DISASSEMBLY, CLEANED AND INSPECTED. NO BUFFER INSTALLED IN STRUT. PREPARED PARTS FOR DIMENSIONAL CHECK. SCOTT KAFKA 45858 10-07-15

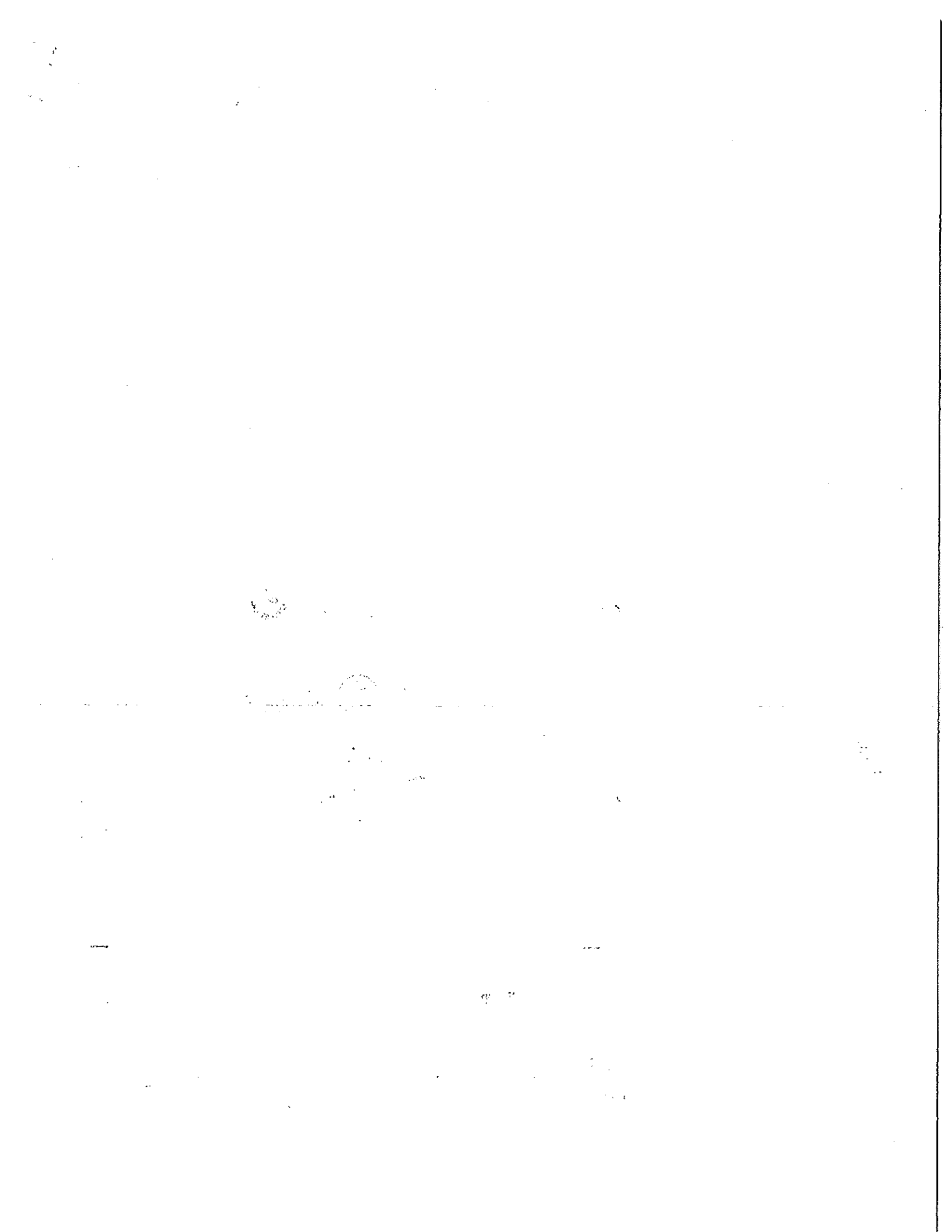
COMPLIED WITH DIMENSIONAL CHECK. PREPARED PARTS FOR NDI. CAL TOOLS USED: L0066, L0087, L1940, L0062. THE

MATERIAL INFORMATION			
QTY	NOMENCLATURE	PART NUMBER OFF / SERIAL NUMBER OFF	PART NUMBER ON / SERIAL # ON
2 EA	TORQUE LINK ASSY		MPN #: 2341119-7 SERIAL #:
2 EA	PIN, COTTER		MPN #: MS24665-300 SERIAL #:
2 EA	PIN, COTTER		MPN #: MS24665-134 SERIAL #:
2 EA	NUT, SELF-LKG, CASTEL		MPN #: MS14145L4 SERIAL #:
2 EA	WASHER, FLAT		MPN #: AN980PD416L SERIAL #:
1 EA	BUFFER		MPN #: 2441103-1 SERIAL #:

The component identified above was repaired and inspected in accordance with current Federal Aviation Regulations, found airworthy and is approved for return to service with respect to the work performed.

Performed By: _____	Inspected By: <i>see RA Form-003</i>	F/T: _____	Closed: _____
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Billing: <input type="checkbox"/> T&M <input type="checkbox"/> Rework <input type="checkbox"/> Estimate <input type="checkbox"/> No Charge <input checked="" type="checkbox"/> Guaranteed <input type="checkbox"/> Warranty Consideration		Guarantee Requirements: Guarantee Labor Price: 12,250.00\$ Guarantee Material Price: 12,174.00\$	Additions to Labor and Material Estimate \$s: Date: Total \$ Est. Auth by
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Work Order Number: 3428489	Service Order Number: 20182182	Service Order Control Number:
Registration:	Aircraft Model and Serial Number:	Page 2 of 3
Nomenclature: STRUT ASSY, MAIN LANDING GEAR	Part Number: 2394105-825	Serial Number: 0104

CORRECTIVE ACTION:

FOLLOWING PARTS WERE REJECTED. PISTON P/N 5441003-8 DEEP ROCK DAMAGE, STRIKER PLATE: P/N 2441012-007 HAS DEEP GROOVE, HEAD-PISTON P/N 2341102-2 WORN BEYOND SERVICEABLE LIMITS. SCOTT KAFKA 45858 10-08-15 PERFORMED FLUORESCENT PENETRANT AND MAGNETIC PARTICLE INSPECTIONS ON SUBMITTED PARTS I.A.W. LEARJET PUBLICATION NDI-1, REV. 3, AND ASTM'S E1417M-13 AND E1444M-12, SEE CAL. TOOL LIST. ORIFICE TUBE IS CRACKED IN THE SEAL AREA NEAR THE TOP, REJECTED. NO OTHER RELEVANT INDICATIONS NOTED. AARON CARPENTER 29180 8 OCT. 2015.

SUBMITTING ESTIMATE FOR MAJOR LANDING GEAR INSPECTION AND INCLUDES COMPLIANCE OF IRN:V3211102 REPLACEMENT OF TORQUE LINKS 6000 LANDING INTERVAL SCOTT KAFKA 45858 10-09-15

Complied with major landing gear inspection, reassembled strut using new parts listed. 11-20-15
Serviced strut with 5606 hydraulic fluid and performed pressure leak check. Leak checked good. Calibrated tool used: 4404. Prepared strut for paint. Applied primer to strut. 11-24-15
Completed overhaul and completed with major landing gear inspection. TSO-00100115
Cure date: 2/2/16 11-25-15

MATERIAL INFORMATION for AIRCRAFT SERVICE ORDER





QTY	NOMENCLATURE	PART NUMBER OFF / SERIAL # OFF	PART NUMBER ON / SERIAL # ON

MATERIAL INFORMATION for COMPONENT SERVICE ORDER

QTY	NOMENCLATURE	PART NUMBER OFF / SERIAL # OFF	PART NUMBER ON / SERIAL # ON
1	GT Ring		733 EOM 987 P5
1	packing		M 28775-334
1	Back up		M 28774-334
1	Felt strip		M 28932C10-00
1	piston		2338M 987-95
1	GT Ring		7337 FT-987-P5
2	strap		5441100-4
2	SS Seal		44 PB
1	packing plug		2327111-1
1	Bolt		NA 6204-16D
1	Bolt		NA 6204-36D
1	pin		M 24665-374
1	valve		M 28889-2
2	screw		M 35275-227
1	Bolt		NA 1306-35D
1	Nut		M 1414426
1	pin		2341110-003
2	Nut		M 21025-24
2	Washer		M 21258C24
2	Bolt Assy		2341110-3

11-25-15

The aircraft or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations, found airworthy with respect to the work performed.

Performed By: NOV 25 2015 	Inspected By: <i>See Page</i> 3 NOV 25 2015 	F/T: NOV 25 2015 	Closed: NOV 25 2015 
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BOMBARDIER
the evolution of mobility

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Wichita KS 67209-2924
1-316-946-2000
FAA/CRS# LK2R981K

**SERVICE ORDER
CORRECTIVE ACTION
SUPPLEMENT**

Work Order Number: 3428489	Service Order Number: 20182182	Service Order Control Number:
Registration:	Aircraft Model and Serial Number:	Page 3 of 3
Nomenclature: STRUT ASSY, MAIN LANDING GEAR	Part Number: 2394105-825	Serial Number: 0104

see parts list on back

MATERIAL INFORMATION for AIRCRAFT SERVICE ORDER

QTY	NOMENCLATURE	PART NUMBER OFF / SERIAL # OFF	PART NUMBER ON / SERIAL # ON

MATERIAL INFORMATION for COMPONENT SERVICE ORDER

QTY	NOMENCLATURE	PART NUMBER OFF / SERIAL # OFF	PART NUMBER ON / SERIAL # ON
2EA	BOLT ASSY		MPN #: 2341114-3 SERIAL #:
2EA	NUT, SELF-LKG, CASTEL		MPN #: MS14145L6 SERIAL #:
2EA	WASHER, FLAT		MPN #: NAS1149F0883P SERIAL #:
1EA	PLATE, ID		MPN #: 2440003-2 SERIAL #:
1EA	SEALANT, SEMKIT 2.5 O		MPN #: 890B1-2-855 SERIAL #:
1EA	SCRAPER RING		MPN #: CEC401-337-01 SERIAL #:
1EA	PISTON ASSY		MPN #: 6441003-8 SERIAL #:
1EA	HEAD PISTON MAIN GEAR		MPN #: 2341102-2 SERIAL #:
1EA	STRIKER PLATE, SQUAT		MPN #: 2441012-007 SERIAL #:
1EA	BOLT, HEX HD, SHORT T		MPN #: NAS1107-61 SERIAL #:
1EA	BOLT, HEX HD, SHORT T		MPN #: NAS1105-34 SERIAL #:
1EA	ORIFICE SUPPORT ASSY		MPN #: 6041103-015 SERIAL #:
1EA	PIN -TRUNNION, FWD, M		MPN #: 6041113-1 SERIAL #:
1EA	NUT, SELF-LKG, HEX, R		MPN #: MS21042-4 SERIAL #:
1EA	NUT, SELF-LOCKING, HE		MPN #: MS21083N7 SERIAL #:
1EA	NUT, SELF-LKG, HEX, R		MPN #: MS21083N5 SERIAL #:
1EA	BOLT		MPN #: 5441007-1 SERIAL #:

The aircraft or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations, found airworthy with respect to the work performed.

Performed By: NOV 25 2015	Inspected By: NOV 25 2015	F/T: NOV 25 2015	Closed: NOV 25 2015
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