1. Approving Civil Aviation Authority/Country:	2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130–3, AIRWORTHINESS APPROVAL TAG	3. Form Tracking Number:
FAA/UNITED STATES		R091919-1

4. Organization Name and Address:	5. Work Order/Contract/Invoice Number:
Gibson Aviation 1821 West Elm Street El Reno, OK 73036 (405)262-4880 CRS:AV2R704K	111099

6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
1	CYLINDER	LW16290	1	111099-1	OVERHAULED

12. Remarks:

Overhauled using FAA approved data LYCOMING 60294-7 JAN 2011

See commercial invoice for parts listing

FAA 8130-3

13a. Certifies the items identified above were manufactured in conformity to:		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.	
☐ Approved design data and are in a condition for safe operation. ☐ Non-approved design data specified in Block 12.			
13b. Authorized Signature:	13c. Approval/Authorization No.:	14b. Authorized Signature: Dennie Chaloner	14c. Approval/Certificate No.: AV2R704K
13d. Name (Typed or Printed):	13e. Date (dd/mmm/yyyy):	14d. Name (Typed or Printed): DENNIE CHALONER	14e. Date (dd/mmm/yyyy): 10/JAN/2020

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.

FAA FORM 8130-3(02-14) NSN: 0052-00-012-9005

1. Approving Civil Aviation Authority/Country:	2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130–3, AIRWORTHINESS APPROVAL TAG	3. Form Tracking Number:
FAA/UNITED STATES		R091919-2

4. Organization Name and Address:	5. Work Order/Contract/Invoice Number:
Gibson Aviation 1821 West Elm Street El Reno, OK 73036 (405)262-4880 CRS:AV2R704K	111099

6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
1	CYLINDER	LW16290	1	111099-2	OVERHAULED

12. Remarks:

Overhauled using FAA approved data LYCOMING 60294-7 JAN 2011

See commercial invoice for parts listing

FAA 8130-3

13a. Certifies the items identified above were manufactured in conformity to:		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.	
☐ Approved design data and are in a condition for safe operation. ☐ Non-approved design data specified in Block 12.			
13b. Authorized Signature:	13c. Approval/Authorization No.:	14b. Authorized Signature: Dennie Chaloner	14c. Approval/Certificate No.: AV2R704K
13d. Name (Typed or Printed):	13e. Date (dd/mmm/yyyy):	14d. Name (Typed or Printed): DENNIE CHALONER	14e. Date (dd/mmm/yyyy): 10/JAN/2020

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.

FAA FORM 8130-3(02-14) NSN: 0052-00-012-9005

1. Approving Civil Aviation Authority/Country:	2.	3. Form Tracking Number:
FAA/UNITED STATES	AUTHORIZED RELEASE CERTIFICATE FAA Form 8130–3, AIRWORTHINESS APPROVAL TAG	R072817-6

4. Organization Name and Address:	5. Work Order/Contract/Invoice Number:
Gibson Aviation 1821 West Elm Street El Reno, OK 73036 (405)262-4880 CRS:AV2R704K	111099

6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
1	CYLINDER	LW16290	1	111099-3	OVERHAULED

12. Remarks:

Overhauled using FAA approved data LYCOMING 60294-7 JAN 2011

See commercial invoice for parts listing

FAA 8130-3

13a. Certifies the items identified above were manufactured in conformity to:	14a. ☑ 14 CFR 43.9 Return to Service ☐ Other regulation specified in Block 12
☐ Approved design data and are in a condition for safe operation. ☐ Non-approved design data 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: Dennie Chaloner	14c. Approval/Certificate No.: AV2R704K
13d. Name (Typed or Printed):	13e. Date (dd/mmm/yyyy):	14d. Name (Typed or Printed): DENNIE CHALONER	14e. Date (dd/mmm/yyyy): 10/JAN/2020

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.

FAA FORM 8130-3(02-14) NSN: 0052-00-012-9005

1. Approving Civil Aviation Authority/Country:	2.	3. Form Tracking Number:
FAA/UNITED STATES	AUTHORIZED RELEASE CERTIFICATE FAA Form 8130–3, AIRWORTHINESS APPROVAL TAG	G112719-300

4. Organization Name and Address:	5. Work Order/Contract/Invoice Number:
Gibson Aviation 1821 West Elm Street El Reno, OK 73036 (405)262-4880 CRS:AV2R704K	111099

6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
1	CYLINDER	LW16290	1	111099-4	OVERHAULED

12. Remarks:

Overhauled using FAA approved data LYCOMING 60294-7 JAN 2011

See commercial invoice for parts listing

FAA 8130-3

13a. Certifies the items identified above were manufactured in conformity to:	14a. ☑ 14 CFR 43.9 Return to Service ☐ Other regulation specified in Block 12
☐ Approved design data and are in a condition for safe operation. ☐ Non-approved design data 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: Dennie Chaloner	14c. Approval/Certificate No.: AV2R704K
13d. Name (Typed or Printed):	13e. Date (dd/mmm/yyyy):	14d. Name (Typed or Printed): DENNIE CHALONER	14e. Date (dd/mmm/yyyy): 10/JAN/2020

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.

FAA FORM 8130-3(02-14) NSN: 0052-00-012-9005

1. Approving Civil Aviation Authority/Country:	2.	3. Form Tracking Number:
FAA/United States	**AUTHORIZED RELEASE CERTIFICATE** **FAA Form 8130–3, AIRWORTHINESS APPROVAL TAG**	3196

4. Organization Name and Address:	5. Work Order/Contract/Invoice Number:
Redline Aviation 1201 North Cedar-Building 4 Akron, Colorado 80720	3945

6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
1	Hartzell Governor	E-3-5	1	3372-SJ	Overhauled

12. Remarks:

Disassembled, cleaned, inspected, reassembled and tested in accordance with Hartzell Manual 130B

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.

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.:
		Daniel M. Jensen	R62R296Y
13d. Name (Typed or Printed):	**13e. Date (dd/mmm/yyyy):**	**14d. Name (Typed or Printed):**	**14e. Date (dd/mmm/yyyy):**
		Daniel M. Jensen	23/DEC/2019

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.

REDLINE AVIATION

P.O. Box 493
Akron, CO 80720

Invoice

Date	Invoice #
12/23/2019	3945

Bill To
Front Range Flight School Erik Pendleton 37501 Cessna Way Watkins, CO 80137

Description	P.O. No.	Terms	Work Order ...
Hartzell Governor	N/A	Due on rec...	3196

Quantity	Part Number	Description	Each	Amount
1	B-4737	Bearing	30.50	30.50
1	B-4739	Control Shaft Gasket	1.68	1.68
1	B-4740	PRV Gasket	1.68	1.68
1	B-4725	Cover Gasket	5.15	5.15
1	C-3317-011	Shaft Seal	2.48	2.48
1	A-3155	Body to Base Seal	2.90	2.90
1	MS9144-01	Mounting Gasket	24.00	24.00
1	Governor Overhaul	Labor-Overhaul per Hartzell 130B Manual.	581.61	581.61
	1001	Ship-to UPS Ground	13.05	13.05

Total	$663.05
Payments/Credits	$0.00
Balance Due	$663.05

THANK YOU FOR YOUR BUSINESS!!!!!

Phone # 1-720-272-4356 Web Site www.redlineaviation.aero

AVIALL
A Boeing Company

Hose Shop 7285 S Revere Pkwy, Ste 703, Centennial, CO 80112-3928
Phone: 303-460-7708 Fax: 303-460-1190 WWW.AVIALL.COM

TSO CERTIFICATION

It is hereby certified that (A) The parts and/or materials reflected herein were produced under Federal Aviation Administration approved manufacturing and quality control system/methods as set forth in the FAA issued technical standard order authorizations (TSOA) issued to Stratoflex and (B) such parts and/or materials are new and are in condition for safe operation.

Boeing Order Number: 1005797693

0020:	111F504-4S0224	1 ea.	0030:	111F511B0104S090	1 ea.
0040:	156F001-4S0144	1 ea.	0050:	124F003-4CR0170	1 ea.
0060:	124F001-6CR0320	1 ea.	0070:	111F511E0250D270	1 ea.
0080:	111F509E0214D250	1 ea.			

Signed: _____

Date: **03/17/2020**

Boeing Distribution, Inc. is not providing OEM parts. Boeing Distribution, Inc. is an authorized Stratoflex distributor providing TSO assemblies. Numbers referenced per customer requirements are for customer reference ONLY and are in no way intended to be represented as OEM parts. Any reference to an OEM part number does not authorize or reflect installation authority for this part. The installation authority is provided by the mechanic installing this product in accordance with FAR Part 43. If applicable, satisfactory compliance with the conditions and tests required for TSO approval indicates the hose assembly has met the minimum performance standards as stated in the TSO. Furthermore, it is the responsibility of the installer to determine the installation eligibility and that it will not cause the hose assembly to be subjected to conditions in excess of those for which it has been approved.

AVIALL
A Boeing Company

Hose Shop 7285 S Revere Pkwy, Ste 703, Centennial, CO 80112-3928
Phone: 303-460-7708 Fax: 303-460-1190 WWW.AVIALL.COM

CERTIFICATE OF COMPLIANCE

We hereby certify that the material/s supplied on our delivery ticket or order number against your purchase order number '258RM' was manufactured in the United States of America and have been inspected and accepted as conforming with current specifications set forth by one or more Government agencies (Federal Aviation Agency, United States Army, Air Force, and/or Navy). Test/inspection reports are on file with the manufacturer and are available for examination.

THESE PARTS ARE NOT TSO OR PMA APPROVED

Boeing Order Number: 1005797693 PO: 258RM

0010: MS28741-3-0192 1 ea.

Signed: _____

Date: **03/17/2020**

It is the responsibility of the installer to determine the installation eligibility and that it will not cause the hose assembly to be subjected to conditions in excess of those for which it has been approved.

FORM # CERT-003

Piper

Packing Slip SH0164508 (Reprint) Original
Date 05-13-2019

Sales Order ST0940518
Page 79

210008000 AVIALL CENTRAL WAREHOUSE
2750 REGENT BLVD. DFW AIRPORT, Dallas, TX, 75261, USA

AVIALL CENTRAL WAREHOUSE
2750 REGENT BLVD. DFW AIRPORT
Dallas TX 75261
UNITED STATES OF AMERICA

Customer Order No.	Date	Ship Via	Ship Date	Point of Origin
0046128017	05-13-2019	Fedex Ground	03-29-2019	Vero Beach, FL 32960 USA

Aircraft S/N :

Line	Order	Item	Order Qty	Unit	Description	Qty Shipped	Backorder	Pl.Rec.
FOR SHIPPING INFORMATION PLEASE REFER TO AVIALL SHIPPING INSTRUCTIONS								
288	ST0940518	404-891	200.00	ea	NUT	200.00		05-03-2019
		HarmC 7318.16.0085	SchB 7318.16.0000	ECCN	9A991.d	Shelf Life 0	Country USA	

Shipment Reference : SH0164760 05/13/2019

ITEM 404-891=PI

BATCH 7365183891

EMARISCAL
05/28/19

Material herein has been made in conformance with all Federal wage and hours laws. "The parts, articles, and/or assemblies listed on this Packing Slip were manufactured and/or supplied in accordance with all relevant drawings and specifications to achieve Type Design under FAA Production Certificate PC206." Merchandise shipped according to order cannot be returned without our permission. All claims for shipping damages should be made to the transportation agency. Piper Parts Limited Warranty can be found at: http://www.piper.com/warranty/

NOTE:
REMIT PAYMENT TO:
Piper Aircraft, Inc.
2926 Piper Drive
Vero Beach, FL 32960-1964

Form No. 012-341 Rev. 11/2014

1. Approving Civil Aviation Authority/Country: FAA/UNITED STATES	2. **AUTHORIZED RELEASE CERTIFICATE** **FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG**	3. Form Tracking Number: ST0940518
4. Organization Name and Address: Piper Aircraft, Inc. 2926 Piper Drive Vero Beach, FL 32960 USA	**PC 206**	5. Work Order / Contract / Invoice Number: ST0940518 / 210008000 / SH0164508 Page 1 of 1

6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
10	NUT	404-891	200	N/A	NEW

12. Remarks: Airworthiness Approval

13a. Certifies the items identified above were manufactured in conformity to:

[X] 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: PC206	14b. Authorized Signature:	14c. Approval/Certificate No:
13d. Name (Typed or Printed): Wilson, James	13e. Date (dd/mmm/yyyy): 07/May/2019	14d. Name (Typed or Printed):	14e. Date (dd/mmm/yyyy):

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.

AVIAEL - TRUE CERTIFIED COPY | 11/12/2019 | Ship #: 900813738 | Line: 30 | 7365183891 | Qty: 4 | CPO: 1253

Piper

Packing Slip SH0043282 Original
Date 04-28-2015

Sales Order ST0876892
Page 75

210008000 AVIALL
2750 REGENT BLVD., Dallas, TX, 75261, USA

AVIALL
P.O. Box 619048
2750 REGENT BLVD.
Dallas TX 75261
UNITED STATES OF AMERICA

Customer Order No.	Date	Ship Via	Ship Date	Point of Origin
0045155665	05-11-2015	Fedex Ground	05-08-2015	Vero Beach, FL 32960 USA

Aircraft S/N :

Line	Order	Item	Order Qty	Unit	Description	Qty Shipped	Backorder	Pl.Rec.Dt.
94	ST0876892	86827-017	4.00	ea	SLEEVE-INDUCTION SYSTEM	4.00		05-01-2015
		ECCN	Schedule B		Shelf Life 15 Years	Country of Origin USA		

S/L Q 0030

Shipment Reference : SH0043282 4/28 15
SHIP FEDEX GRD BILL ACCT 0152-4857-2
FOR FEDEX GRD UNDER 150 LBS PER PACKAGE
AND TOTAL SHIPMENT 400 LBS OR LESS
ALL OTHER PLEASE REFER TO AVIALL
SHIPPING INSTRUCTIONS DATED 05/07/09

ITEM 86827-017=PI

BATCH 7363979551

XCASTELLANOS
05/09/15

Material herein has been made in conformance with all Federal wage and hours laws. "The parts, articles, and/or assemblies listed on this Packing Slip were manufactured and/or supplied in accordance with all relevant drawings and specifications FAA Production Certificate PC206." Merchandise shipped according to order cannot be returned without our permission. All claims for shipping damages should be made to the transportation agency. Piper Parts Limited Warranty can be found at warranty/

AVIALL TRUE CERTIFIED COPY - 11/12/2019 - ARAMSEY - 7363979551

Cambridge Springs
Quality Department
124 Grant Street
P.O. Box 246
Cambridge Springs, PA U.S.A 16403-0246
Phone # (814) 398-4641
Fax # (814) 398-2193

Certificate of Conformity

Certificate # 15539-J-7444-14
20190207-093813

Ship to location:
AVIALL CENTRAL WAREHOUSE
2750 2750 REGENT BLVD.
DFW AIRPORT TX 75261

PURCHASE ORDER NUMBER / ITEM NUMBER
0046028182 / 10
GOVERNMENT CONTRACT NUMBER (IF APPLICABLE)

LORD SALES ORDER NUMBER / ITEM / SHIP DATE
2561991 / 000010/ 07 FEB 2019
DELIVERY NUMBER / ITEM
81363967 / 000010

PRODUCT INFORMATION:

CUSTOMER PART NUMBER / DRAWING REVISION
J7444-14

LORD PART NUMBER / DRAWING REVISION / DESCRIPTION
J-7444-14 / N / BONDED FASTENER

QUANTITY: 250

CONTROL NO.: 0011908901

CURE DATE
01-19

SERIAL NUMBERS (IF APPLICABLE):
N/A

Unless otherwise noted above, it is hereby certified that all articles covered by this certification are in compliance with the particular requirements specified in the respective contract, Purchase Order, Drawing(s) and/or specification(s) for which verifiable quality evidence is required. Records supporting this certification will be maintained on file by LORD Corporation for a period of not less than ten years from date of manufacture.

Certified by: Edward H. Fleming
Facility Quality Manager
Edward H. Fleming

Date: 07 FEB 2019

AVIALL - TRUE CERTIFIED COPY | 11/12/2019 | Ship #: 8008137038 | Line: 20 | 7365102829 | Qty: 4 | CPO: 1253

LORD

LOCATION SHIPPED FROM/CARGO ORIGIN:
Cambridge Springs
LORD Corporation
124 Grant Street
Cambridge Springs PA 16403
US

Packing List

Shipping Address

AVIALL CENTRAL WAREHOUSE
2750 2750 REGENT BLVD.
DFW AIRPORT TX 75261
USA

Information

Document Number	81363967
Document Date	02/07/2019
Purchase Order No.	0046028182
Purchase Order Date	11/08/2018
Sales Order Number	2561991
Customer Number	15539
Shipping Conditions	Ground
Incoterms	FCA SHIPPERS DOCK

Document Number:

Shipping Detail

Item	Material/Description	Quantity	Weight
0010	J-7444-14 MOUNT: ENGINE COWL Additional Description: Rubber and Metal Aircraft Part SO Item No.: 000010 Cust. Material No.: J7444-14 Cust. PO Item No.: 10 Clause 2 (PMA, Aerospace Part): Country of Origin: US ECCN: 9A991.D ARTICLES HAVE BEEN PRODUCED IN ACCORDANCE WITH THE PRODUCTION APPROVAL (PMA) HELD BY LORD CORPORATION, ERIE, PA (PRODUCTION APPROVAL NUMBER PQ0466NE) AND ARE AUTHORIZED TO BE DIRECT SHIPPED. 0011908901 250 EA Total	250 EA	12.500 LB

ITEM J7444-14=2W

BATCH 7365102829

JSHIPLEY
02/19/19

ORIGINAL

QUAN.	PART NO. & DESCRIPTION	S/N
1	LW16507 CAMSHAFT	S258292-1

PART NO. & DESCRIPTION	PRICE	TOTAL

F.A.A. Repair Station No. DD2R764K

WORK ORDER NO. 258292

AIRCRAFT SPECIALTIES SERVICES

NAME			
FRONT RANGE PILOT SERVICES [000037]			
ADDRESS: 37501 CESSNA WAY		DATE IN: 01/02/2020	DATE SHIPPED: 01/28/2020
CITY: WATKINS	STATE: CO 80137		
PHONE: (720) 982-7263	P.O.: VERBAL	SHIP VIA: UPS	TERMS: VISA

ITEM NO.	QUAN.	WORK DESCRIPTION	UNIT PRICE	TOTAL
1	1EA	LYCOMING CAMSHAFT *4 CYL CAMSHAFT-RECOND PER A/C SPEC FAA APP. PROC & INSP TO MFG O/H CRITERIA	185.00	185.00

THANK YOU FOR YOUR BUSINESS !

Remit to: Aircraft Specialties Services, Inc.
Tulsa International Airport
2860 North Sheridan Road
P.O. Box 582553
Tulsa, Oklahoma 74158
(918) 836-6872 • 1-800-826-9252 • FAX (918) 836-4419

TOTAL LABOR	185.00
TOTAL PARTS	
FREIGHT	67.00
TAX	
TOTAL	252.00

F.A.A. Repair Station No. DD2R764K

AIRCRAFT SPECIALTIES SERVICES

INVOICE NO: 193146

INVOICE DATE: 01/28/2020

ORIGINAL

BILL TO
[006754]
FRONT RANGE FLIGHT SCHOOL
37501 CESSNA WAY
WATKINS, CO 80137

(720) 520-5021Extn.: BILL

SHIP TO
FRONT RANGE FLIGHT SCHOOL
37501 CESSNA WAY
WATKINS, CO 80137

Sales Person: DW

S.O. # 183793 | SHIP DATE: 01/28/2020 | SHIP VIA: W/SHOP

P.O. # 258292 | TERMS: VISA

ORDER QUAN.	SHIP QUAN.	B/O QUAN.	PART NUMBER & DESCRIPTION		LIST	UNIT PRICE	TOTAL
8	8		15B28093	/LIFTER ASS'Y	373.54	303.50	2428.00
1	1		AN8-10A	/BOLT-.500-20UNF X 1.0	5.55	4.73	4.73
1	1		AS3582-130	/O-RING	3.09	1.91	1.91
1	1		LW-13473	/GASKET-CARBURETOR INL	19.51	16.16	16.16
1	1		LW-15071	/GASKET-OIL SUMP	9.29	6.39	6.39
1	1		LW-16573	/GASKET-TACH ADAPTER	5.43	4.50	4.50
1	1		SL-STD-208	/SEAL - SINGLE LIP	10.78	6.67	6.67
4	4		SL-STD-703	/BOLT - HEX HEAD	18.82	11.65	46.60
1	1		SL10332	/LOCK PLATE	12.18	7.54	7.54
8	8		SL12186	/NUT	4.85	3.00	24.00
1	1		SL14260	/SEAL	5.90	3.65	3.65

Remit to:

Aircraft Specialties Services, Inc.
Tulsa International Airport
2860 North Sheridan Road
P.O. Box 582553
Tulsa, Oklahoma 74158

(918) 836-6872 • 1-800-826-9252 • FAX (918) 836-4419

TOTAL PARTS:

FREIGHT & HANDLING:

TAX:

TOTAL:

CONTINUED...

Products sold by **Aircraft Specialties Services, Inc.** are subject to the terms of any and all original manufacturer's warranty (warranties) that ma apply. **Aircraft Specialties Services, Inc.** provides no warranties regarding such products, including merchantability, fitness for a particular purpose or eligibility. Please consult the manufacturer for support questions.

F.A.A. Repair Station No. DD2R764K

AIRCRAFT SPECIALTIES SERVICES

INVOICE NO: 193146

INVOICE DATE: 01/28/2020

ORIGINAL

BILL TO

[006754]
FRONT RANGE FLIGHT SCHOOL
37501 CESSNA WAY
WATKINS, CO 80137

(720) 520-5021Extn.: BILL

SHIP TO

FRONT RANGE FLIGHT SCHOOL
37501 CESSNA WAY
WATKINS, CO 80137

Sales Person: DW

S.O. # 183793

SHIP DATE: 01/28/2020

SHIP VIA: W/SHOP

P.O. # 258292

TERMS: VISA

ORDER QUAN.	SHIP QUAN.	B/O QUAN.	PART NUMBER & DESCRIPTION		LIST	UNIT PRICE	TOTAL
1	1		SL15070	/O-RING	8.66	5.36	5.36
1	1		SL15262	/LOCK PLATE	5.06	3.13	3.13
4	4		SL18101	/HOSE	71.64	44.33	177.32
1	1		SL60096	/GASKET	1.41	0.87	0.87
1	1		SL72053	/GASKET	1.37	0.85	0.85
2	2		SL72078	/LOCK PLATE	6.28	3.89	7.78
8	8		SL78027	/ROD BOLT	39.81	24.64	197.12
1	1		STD-2057	/KEY-.625 DIA X .16 WO	70.58	57.35	57.35
4	4		STD-2182	/HOSE	9.48	7.85	31.40
1	1		STD-96	/KEY-.19 X .75 DIA. WO	41.82	33.98	33.98

THANK YOU FOR YOUR BUSINESS !
RETURNS MAY BE SUBJECT TO RESTOCKING FEE
PARTS ELIGIBILITY TO BE VERIFIED BY INSTALLER

Remit to:

Aircraft Specialties Services, Inc.
Tulsa International Airport
2860 North Sheridan Road
P.O. Box 582553
Tulsa, Oklahoma 74158

TOTAL PARTS: 3065.3

FREIGHT & HANDLING:

TAX:

TOTAL: 3065.3

(918) 836-6872 • 1-800-826-9252 • FAX (918) 836-4419

Products sold by **Aircraft Specialties Services, Inc.** are subject to the terms of any and all original manufacturer's warranty (warranties) that ma apply. **Aircraft Specialties Services, Inc.** provides no warranties regarding such products, including merchantability, fitness for a particular purpose or eligibility. Please consult the manufacturer for support questions.

F.A.A. Repair Station No. DD2R764K

AIRCRAFT SPECIALTIES SERVICES

INVOICE NO: 193142

INVOICE DATE: 01/28/2020

ORIGINAL

BILL TO

[006754]
FRONT RANGE FLIGHT SCHOOL
37501 CESSNA WAY
WATKINS, CO 80137

(720) 520-5021Extn.: BILL

SHIP TO

FRONT RANGE FLIGHT SCHOOL
37501 CESSNA WAY
WATKINS, CO 80137

Sales Person: EE

S.O. # 181773

P.O. # 256531

SHIP DATE: 01/28/2020

SHIP VIA: ~~UPS~~ W/Shop

TERMS: VISA

ORDER QUAN.	SHIP QUAN.	B/O QUAN.	PART NUMBER & DESCRIPTION		LIST	UNIT PRICE	TOTAL
2	2		18A26094-M06	/BEARING-CRANKSHAFT	1068.00	884.60	1769.20
4	4		18D26101-M06	/BEARING-CRANKSHAFT	224.68	186.10	744.40
8	8		SL13212A M03	/BEARING	27.69	17.13	137.04

THANK YOU FOR YOUR BUSINESS !
RETURNS MAY BE SUBJECT TO RESTOCKING FEE
PARTS ELIGIBILITY TO BE VERIFIED BY INSTALLER

Remit to:

Aircraft Specialties Services, Inc.
Tulsa International Airport
2860 North Sheridan Road
P.O. Box 582553
Tulsa, Oklahoma 74158

TOTAL PARTS: 2650.64

FREIGHT & HANDLING:

TAX:

TOTAL: 2650.64

(918) 836-6872 • 1-800-826-9252 • FAX (918) 836-4419

Products sold by **Aircraft Specialties Services, Inc.** are subject to the terms of any and all original manufacturer's warranty (warranties) that ma apply. **Aircraft Specialties Services, Inc.** provides no warranties regarding such products, including merchantability, fitness for a particular purpose or eligibility. Please consult the manufacturer for support questions.

Aircraft Specialties Services

2860 N Sheridan
Tulsa, OK 74115
918-836-6872

1/28/2020 4:08:30 PM

Reference Number:	303585601
Total:	$5,967.95
Transaction Type:	Sale
Card Brand:	Visa
Card Number:	xxxxxxxxxxxx8199
Entry Method:	Keyed
Approval Code:	028522
Approval Message:	EXACT MATCH
AVS Result:	Full Exact Match
CSC Result:	Match
Customer Name:	FRONT RANGE PILOT
Invoice:	258292-183793-181773

X_____

Please sign here to agree to payment.

1

AIRCRAFT CYLINDERS OF AMERICA, INC,
1006 EAST INDEPENDENCE ST.
TULSA, OKLAHOMA 74106-5310
918/582-1785

FAA APPROVED REPAIR
STATION #HT2R884K

CYL. TYPE TO-360 W/D E1A6D
INV. # F 4084 CYL. # 317
CUSTOMER GIBSON
CUST. # 3127-2

The above Aircraft component was repaired & inspected in accordance with FAA regulations and was found airworthy. This unit may require further inspection before its return to service. Only work detailed below is covered by this release.

1. CHANNEL CHROME ONLY
2.
3.
4.

Signed James Pitts
Date 11-21-19

MAINTENANCE RELEASE

ACA FORM 103-3

2

AIRCRAFT CYLINDERS OF AMERICA, INC,
1006 EAST INDEPENDENCE ST.
TULSA, OKLAHOMA 74106-5310
918/582-1785

FAA APPROVED REPAIR
STATION #HT2R884K

CYL. TYPE TO-360 W/D E1A6D
INV. # F 4084 CYL. # 316
CUSTOMER GIBSON
CUST. # 3127-1

The above Aircraft component was repaired & inspected in accordance with FAA regulations and was found airworthy. This unit may require further inspection before its return to service. Only work detailed below is covered by this release.

1. CHANNEL CHROME ONLY
2.
3.
4.

Signed James Pitts
Date 11-20-19

MAINTENANCE RELEASE

ACA FORM 103-3

3

AIRCRAFT CYLINDERS OF AMERICA, INC,
1006 EAST INDEPENDENCE ST.
TULSA, OKLAHOMA 74106-5310
918/582-1785

FAA APPROVED REPAIR
STATION #HT2R884K

CYL. TYPE TO-360 W/D E1A6D
INV. # F 4084 CYL. # 318
CUSTOMER GIBSON
CUST. # 3127-3

The above Aircraft component was repaired & inspected in accordance with FAA regulations and was found airworthy. This unit may require further inspection before its return to service. Only work detailed below is covered by this release.

1. CHANNEL CHROME ONLY
2.
3.
4.

Signed James Pitts
Date 11-21-19

4

AIRCRAFT CYLINDERS OF AMERICA, INC,
1006 EAST INDEPENDENCE ST.
TULSA, OKLAHOMA 74106-5310
918/582-1785

FAA APPROVED REPAIR
STATION #HT2R884K

CYL. TYPE TO-360 W/D E1A6D
INV. # F 4084 CYL. # 319
CUSTOMER GIBSON
CUST. # 3127-4

The above Aircraft component was repaired & inspected in accordance with FAA regulations and was found airworthy. This unit may require further inspection before its return to service. Only work detailed below is covered by this release.

1. CHANNEL CHROME ONLY
2.
3.
4.

Signed James Pitts
Date 11-21-19

MAINTENANCE RELEASE

MANUFACTURER LYCOMING NAME CYL. ASSY

MODEL No. TO-360 PART No. LW16290 SERIAL No. NA

THE COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE.

"PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER WORK ORDER No. JJI 79319-02"

SIGNED [signature] DATE OCT 14 2019

FOR: J & J AIR PARTS, INC. REPAIR STATION No. JE2R921K

MAINTENANCE RELEASE

MANUFACTURER LYCOMING NAME CYL. ASSY.

MODEL No. TO-360 PART No. LW16290 SERIAL No. NA

THE COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE.

"PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER WORK ORDER No. JJI 79319-01"

SIGNED [signature] DATE OCT 28 2019

FOR: J & J AIR PARTS, INC. REPAIR STATION No. JE2R921K

MAINTENANCE RELEASE

FACTURER LYCOMING LW16290 NAME CYL. ASSY

L No. TO-360 PART No. ~~LW15322~~ SERIAL No. NA

COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS AP-ED FOR RETURN TO SERVICE.

INENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER ORDER No. JJI 79319-03"

ED [signature] DATE OCT 18 2019

& J AIR PARTS, INC. REPAIR STATION No. JE2R921K

J & J AIR PARTS, INC.

430 NORTH BRYANT, PLEASANTON, TX 78064

(830) 569-3892

WORK PERFORMED:

REPAIRED ROCKER SHAFT BOSS

REPAIRED TOP SPARK BOSS

REPAIRED BOTTOM SPARK BOSS

REPAIRED EXH. PORT

REPAIRED EXH. PORT FAC.

REPAIRED INT. PORT

REPAIRED INT. SEAT BOSS

REPAIRED EXH. SEAT BOSS

REPAIRED INT. GUIDE BOSS

REPAIRED EXH. GUIDE BOSS

RADIUS SURFACE CRACKS

SIGNED [signature] DATE OCT 18 20

FOR: J & J AIR PARTS, INC. REPAIR STATION No. JE2R921K

J & J AIR PARTS, INC.
430 NORTH BRYANT, PLEASANTON, TX 78064
(830) 569-3892

WORK PERFORMED:
REPAIRED ROCKER SHAFT BOSS
REPAIRED TOP SPARK BOSS Weld
REPAIRED BOTTOM SPARK BOSS Weld
REPAIRED EXH. PORT Scw
REPAIRED EXH. PORT FACE Weld
REPAIRED INT. PORT
REPAIRED INT. SEAT BOSS Weld
REPAIRED EXH. SEAT BOSS Weld
REPAIRED INT. GUIDE BOSS Weld
REPAIRED EXH. GUIDE BOSS
RADIUS SURFACE CRACKS

SIGNED [signature] DATE OCT 28 2019
FOR: J & J AIR PARTS, INC. REPAIR STATION No. JE2R921K

PARTIAL MAINTENANCE RELEASE

J & J AIR PARTS, INC.
430 NORTH BRYANT, PLEASANTON, TX 78064
(830) 569-3892

WORK PERFORMED:
REPAIRED ROCKER SHAFT BOSS
REPAIRED TOP SPARK BOSS Weld
REPAIRED BOTTOM SPARK BOSS Weld
REPAIRED EXH. PORT
REPAIRED EXH. PORT FACE Weld
REPAIRED INT. PORT
REPAIRED INT. SEAT BOSS
REPAIRED EXH. SEAT BOSS
REPAIRED INT. GUIDE BOSS
REPAIRED EXH. GUIDE BOSS
RADIUS SURFACE CRACKS

SIGNED [signature] DATE OCT 18 20[illegible]
FOR: J & J AIR PARTS, INC. REPAIR STATION No. JE2R921K

J & J AIR PARTS, INC.
430 NORTH BRYANT, PLEASANTON, TX 78064
(830) 569-3892

WORK PERFORMED:
REPAIRED ROCKER SHAFT BOSS
REPAIRED TOP SPARK BOSS
REPAIRED BOTTOM SPARK BOSS
REPAIRED EXH. PORT Scw
REPAIRED EXH. PORT FACE
REPAIRED INT. PORT
REPAIRED INT. SEAT BOSS
REPAIRED EXH. SEAT BOSS
REPAIRED INT. GUIDE BOSS
REPAIRED EXH. GUIDE BOSS
RADIUS SURFACE CRACKS Scw Dome

SIGNED [signature] DATE OCT 14 2019
FOR: J & J AIR PARTS, INC. REPAIR STATION No. JE2R921K

PARTIAL MAINTENANCE RELEASE

MAINTENANCE RELEASE

3

ACTURER LYCOMING NAME CYL. ASSY
No. TO-360 PART No. ~~[illegible]~~ SERIAL No. N/A
MPONENT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE
URRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS AP-
D FOR RETURN TO SERVICE.

ENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER
ORDER No. 1H 79319-Dc

[signature] DATE OCT 18 2019

J AIR PARTS, INC. REPAIR STATION No. JE2R921K

MAIN TURBO SYSTEMS, INC.
TURBOCHARGER
INSTALLATION INSTRUCTIONS

CAUTION: Failure to follow these instructions can result in premature turbocharger failure and warranty denial.

I. GENERAL

A. **When installing a replacement turbocharger, be certain there is no foreign material in the air cleaner and the ducting to the compressor inlet or in the exhaust manifold. Even small or soft objects will cause extensive damage to the turbocharger wheels.**

B. Take care to avoid getting dirt or debris into the turbocharger openings.

C. New and replacement turbocharger may have bolts missing or deliberately left loose to facilitate installation. (A bolt kit may be required. See airframe and/or Engine Manufacturer's Pertinent Overhaul Manual for specific instructions.) If the turbocharger bolts are all tight, all tabs bent up and compressor and turbine housings are correctly aligned proceed to Step IV. otherwise, proceed to Step II.

II. REALIGNMENT OF END HOUSINGS

A. Loosen the compressor (aluminum) and turbine housing (cast iron) bolts and/or V-band nut(s) the minimum required to permit the housing to rotate on the center housing. Excessive loosening of the housings will allow contact and possible wheel damage. Bolts should not have to be loosened more than 1 1/2 turns.

B. Temporarily secure the turbocharger to the engine exhaust manifold outlet flange with two bolts.

C. Rotate the center housing so that the oil inlet and outlet pads will mate with the engine lines. The oil outlet (largest hole) must be at the bottom with the center line of the hole not more than 35° from vertical. Snugly tighten at least two bolts or the V-band, as applicable, to lock the center housing to the turbine housing.

D. Rotate the compressor housing until it lines up with the intake manifold or intercooler ducting. Snugly tighten at least two bolts or V-band to lock the housing in place.

E. Remove turbocharger from engine and tighten all bolts and/or V-band nuts. Tighten bolts alternately from side to side to prevent cocking of the housings. Turn V-band nuts slowly as the torque setting is neared, tapping band slightly with a soft mallet, to allow the band to fully set. Refer to torque values specified to the applicable Manual.

(over)

If a manual is not available, use the following torque settings.

MODEL		TORQUE
TA04	Compressor housing bolts	100-130 in-lbs.
	Turbine housing bolts	100-130 in-lbs.
TE06	Compressor V -band locknut	40-60 in-lbs.
	Turbine housing bolts	180 in-lbs.
TH08	Compressor V-band locknut	40-80 in-lbs.
	Turbine housing bolts	180 in-lbs.
T11	Compressor housing bolts	70-80 in-lbs.
	Turbine housing bolts	100-110 in-lbs.
T18	Compressor housing bolts	100-130 in-lbs.
	Turbine housing bolts	180 in-lbs.

III. BEND LOCKTABS

Bend lockplate tabs up against a flat on each bolt head (if not already bent) on bolted housing models. Bend in a direction which will tend to tighten not loosen, the bolt. V-band nuts are self-locking.

IV. INSTALLATION AND PRE-OILING OF TURBOCHARGERS

A. Remove old gasket from exhaust manifold mounting flange, inspect flange for erosion and flatness and install a new gasket, if used.

B. **Inspect oil drain and supply lines for kinking, clogging, restrictions and other signs of deterioration. Inspect check valves (Disassemble).**

C. Install turbocharger on engine using all new gaskets and "O" rings (when needed), but do not connect the compressor inlet and oil supply line. Tighten the nuts or bolts attaching the turbocharger to the exhaust manifold to the torque values given in the shop manual. Use of a high temperature lubricant on these threads is recommended.

D. **Fill the oil inlet hole with clean engine oil and spin the compressor wheel several times to coat the bearings with oil. Refill the oil inlet hole and connect the oil supply line.**

E. If the compressor wheel cannot be freely spun by hand or if there is any indication of rubbing or scraping, determine the reason before starting the engine. One cause of wheel rubbing is cocked compressor or turbine housing. T04 and T04B turbochargers may have a slight drag before running-in, which is a normal condition. Connect the pipe or hose from the outlet of the air filter to the compressor inlet.

F. Check lubricant level in engine crankcase.

G. Prime the oil filter if it was changed.

V. START ENGINE

A. **Before attempting to start the engine, crank the engine with the fuel off for 10 to 15 seconds or until the instruments show an oil pressure buildup.**

B. **Start the engine and allow it to run at idle speed for 2 to 4 minutes before accelerating.**

C. **Check for oil leaks.**

1. Approving Civil Aviation Authority/Country	2.	3. Form Tracking Number:
FAA/United States	**AUTHORIZED RELEASE CERTIFICATE** **FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG**	**INVOICE# 48185**

4. Organization Name and Address:

Main Turbo Systems, Inc.
234 South Cotta Court
Visalia, Ca. 93292 U.S.A.

FAA Approved Repair Station# MAMR190K
Certificate no: EASA.145.6274
(800) 847-8815 or (559) 635-3322

5. Work Order/Contract/Invoice Number: W/O# 62765

6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
1	HARTZELL TURBOCHARGER	465398-9002 (ALT.# LW-16264)	1	GHR00108	Overhauled

12. Remarks:

1.Turbocharger overhauled per Hartzell Engine. Technologies Overhaul Manual P/N 400600-0000, Revision D.
2. All Hartzell Engine Technologies Service Letters, Bulletins and AD notes complied with.
3. Parts installed per overhaul manual.

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.

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.:
		Gary Main	MAMR190K
13d. Name (typed or Printed):	**13e. Date (dd/mmm/yyyy):**	**14d. Name (Typed or Printed):**	**14e. Date (dd/mmm/yyyy):**
		Gary Main	20/Jun/2022

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 block 13a and 14a d o 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. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3 AIRWORTHINESS APPROVAL TAG	3. Form Tracking No: ASI-128320

4. Organization AIRCRAFT SPECIALTIES SERVICES, INC.
2860 NORTH SHERIDAN ROAD
TULSA, OK 74115
FAA REPAIR STATION NO. DD2R764K
PHONE: (918) 836-6872
FAX: (918) 836-4419

5. Work Order/ Contract/Invoice No.
258292

6. Item:	7. Description:	8. Part Number:	9. Quantity	10. Serial Number	11. Status/Work
1.	CAMSHAFT	LW16507	1	N/A	REPAIRED

12 Remarks:
PERFORMED MAGNETIC PARTICLE INSPECTION IAW ASTM E1444/E1444M-16E1 DT: 01 JUN 2016
PERFORMED DIMENSIONAL CHECK IAW ASI REPAIR PROCEDURE 0812006 REV. 02 DT: 16 JAN 2018
GROUND LOBES IAW ASI REPAIR PROCEDURE 0812006 REV. 02 DT: 16 JAN 2018

ADDITIONAL INSPECTION MAY BE REQUIRED PRIOR TO INSTALLATION

PART TRACKING NO: S258292-1
NOTE: ASI = AIRCRAFT SPECIALTIES SERVICES, INC.

LW16507
CAMSHAFT

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

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.
			DD2R764K
13d. Name (Typed or Printed)	13e. Date (dd/mmm/yyyy)	14d. Name (Typed or Printed)	14e. Date (dd/mmm/yyyy)
		Harold Lehman	21 JAN 2020

User/Installer Responsibilities

It is important to understand that the existance of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.

Where the user/installer 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.

FRONT RANGE 6531

1. Approving Civil Aviation Authority / Country FAA / United States	2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3 AIRWORTHINESS APPROVAL TAG	3. Form Tracking No: ASI-125819
4. Organization AIRCRAFT SPECIALTIES SERVICES, INC. 2860 NORTH SHERIDAN ROAD TULSA, OK 74115 FAA REPAIR STATION NO. DD2R764K	PHONE: (918) 836-6872 FAX: (918) 836-4419	5. Work Order/ Contract/Invoice No. 256531

6. Item:	7. Description:	8. Part Number:	9. Quantity	10. Serial Number	11. Status/Work
1.	CRANKSHAFT	LYCOMING TO-360E1A6D SUBASSEMBLY	1	146734	REPAIRED

12 Remarks:

PERFORMED MAGNETIC PARTICLE INSPECTION IAW ASTM E1444/E1444M-16E1 DT: 01 JUN 2016
PERFORMED DIMENSIONAL CHECK IAW AS²I REPAIR SPECIFICATION 1004 DT: 30 SEP 2016
MEASURED ROD JOURNALS M003, MAIN JOURNALS GROUND M006 IAW AS²I REPAIR SPECIFICATION 1004 DT: 30 SEP 2016
NITRIDE IAW AS²I PROCESS 0005 REV. 6 DT: 01 SEP 2005
CADMIUM PLATE AND BAKE PROPELLER FLANGE IAW AS²I REPAIR SPECIFICATION 1004 DT: 30 SEP 2016
POLISHED ROD AND MAIN JOURNALS IAW AS²I REPAIR SPECIFICATION 1004 DT: 30 SEP 2016
RECONDITIONED WORN CRANKSHAFT OIL SEAL SURFACE IAW LYCOMING OVERHAUL MANUAL60924-7 DT: JUL 2011
REPAIRED FLANGE IAW LYCOMING OVERHAUL MANUAL 60294-7 DT: JUL 2011
INSTALLED BUSHINGS IN COUNTERWEIGHT BLADES IAW LYCOMING SI 1142B DT: 07 MAY 1971
INSTALLED COUNTERWEIGHTS ON CRANKSHAFT IAW LYCOMING SI 1012 REV K DT: 07 JAN 2019
INSTALLED DOWEL PER FIG. 2, 3 OF LYCOMING SB 475C DT: 30 JAN 2003
REPAIRED COUNTERBORE I.D. IAW LYCOMING SB 475C DT: 30 JAN 2003

ADDITIONAL INSPECTION MAY BE REQUIRED PRIOR TO INSTALLATION

PART TRACKING NO: S256531-1
NOTE: AS²I = AIRCRAFT SPECIALTIES SERVICES, INC.

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		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. DD2R764K
13d. Name (Typed or Printed)	13e. Date (dd/mmm/yyyy)	14d. Name (Typed or Printed) Harold Lehman	14e. Date (dd/mmm/yyyy) 21 NOV 2019

User/Installer Responsibilities

It is important to understand that the existance of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.

Where the user/installer 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.

1. Approving Civil Aviation Authority / Country FAA / United States	2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3 AIRWORTHINESS APPROVAL TAG	3. Form Tracking No: ASI-125638
4. Organization AIRCRAFT SPECIALTIES SERVICES, INC. 2860 NORTH SHERIDAN ROAD TULSA, OK 74115 FAA REPAIR STATION NO. DD2R764K	PHONE: (918) 836-6872 FAX: (918) 836-4419	5. Work Order/ Contract/Invoice No. 256531

6. Item:	7. Description:	8. Part Number:	9. Quantity	10. Serial Number	11. Status/Work
1.	COUNTERWEIGHT	72801	1	N/A	REPAIRED

12 Remarks:

PERFORMED MAGNETIC PARTICLE INSPECTION IAW ASTM E1444/E1444M-16E1 DT: 01 JUN 2016
REPAIRED IAW LYCOMING SI 1143C DT: 10 NOV 2011

ADDITIONAL INSPECTION MAY BE REQUIRED PRIOR TO INSTALLATION

PART TRACKING NO: S253278-2

72801
COUNTERWEIGHT

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		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. DD2R764K
13d. Name (Typed or Printed)	13e. Date (dd/mmm/yyyy)	14d. Name (Typed or Printed) Harold Lehman	14e. Date (dd/mmm/yyyy) 18 NOV 2019

User/Installer Responsibilities

It is important to understand that the existance of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.

Where the user/installer 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.

1. Approving Civil Aviation Authority / Country FAA / United States	2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3 AIRWORTHINESS APPROVAL TAG	3. Form Tracking No: ASI-125640
4. Organization AIRCRAFT SPECIALTIES SERVICES, INC. 2860 NORTH SHERIDAN ROAD TULSA, OK 74115 FAA REPAIR STATION NO. DD2R764K	PHONE: (918) 836-6872 FAX: (918) 836-4419	5. Work Order/ Contract/Invoice No. 256531

6. Item:	7. Description:	8. Part Number:	9. Quantity	10. Serial Number	11. Status/Work
1.	COUNTERWEIGHT	72801	1	N/A	REPAIRED

12 Remarks:

PERFORMED MAGNETIC PARTICLE INSPECTION IAW ASTM E1444/E1444M-16E1 DT: 01 JUN 2016
REPAIRED IAW LYCOMING SI 1143C DT: 10 NOV 2011

ADDITIONAL INSPECTION MAY BE REQUIRED PRIOR TO INSTALLATION

PART TRACKING NO: S256849-2

72801
COUNTERWEIGHT

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		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. DD2R764K
13d. Name (Typed or Printed)	13e. Date (dd/mmm/yyyy)	14d. Name (Typed or Printed) Harold Lehman	14e. Date (dd/mmm/yyyy) 18 NOV 2019

User/Installer Responsibilities

It is important to understand that the existance of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.

Where the user/installer 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.

1. Approving Civil Aviation Authority / Country FAA / United States	2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3 AIRWORTHINESS APPROVAL TAG	3. Form Tracking No: ASI-125882
4. Organization AIRCRAFT SPECIALTIES SERVICES, INC. 2860 NORTH SHERIDAN ROAD TULSA, OK 74115 FAA REPAIR STATION NO. DD2R764K	PHONE: (918) 836-6872 FAX: (918) 836-4419	5. Work Order/ Contract/Invoice No. 256531

6. Item:	7. Description:	8. Part Number:	9. Quantity	10. Serial Number	11. Status/Work
1.	CONNECTING ROD	LW15288	4	N/A	REPAIRED

12 Remarks:

PERFORMED MAGNETIC PARTICLE INSPECTION IAW ASTM E1444/E1444M-16E1 DT: 01 JUN 2016
REPAIRED IAW AS²I PROCESS 0050 DT: 15 APR 2013

ADDITIONAL INSPECTION MAY BE REQUIRED PRIOR TO INSTALLATION

(IF INCLUDED, NO RETURN TO SERVICE DETERMINATION IS MADE FOR ROD BOLTS OR NUTS)

PART TRACKING NO: S256531-3
NOTE: AS²I = AIRCRAFT SPECIALTIES SERVICES, INC.

LW15288
CONNECTING ROD

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

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.
			DD2R764K
13d. Name (Typed or Printed)	13e. Date (dd/mmm/yyyy)	14d. Name (Typed or Printed) Cary Van Deventer	14e. Date (dd/mmm/yyyy) 22 NOV 2019

User/Installer Responsibilities

It is important to understand that the existance of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.

Where the user/installer 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.

Front Range

1. Approving Civil Aviation Authority / Country FAA / United States	2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3 AIRWORTHINESS APPROVAL TAG	3. Form Tracking No: ASI-126498

4. Organization	AIRCRAFT SPECIALTIES SERVICES, INC. 2860 NORTH SHERIDAN ROAD TULSA, OK 74115 FAA REPAIR STATION NO. DD2R764K	PHONE: (918) 836-6872 FAX: (918) 836-4419	5. Work Order/ Contract/Invoice No. 256531

6. Item:	7. Description:	8. Part Number:	9. Quantity	10. Serial Number	11. Status/Work
1.	TACH SHAFT	LW15032	1	N/A	REPAIRED

12 Remarks:

PERFORMED MAGNETIC PARTICLE INSPECTION IAW ASTM E1444/E1444M-16E1 DT: 01 JUN 2016
REPAIRED IAW AS²I DRAWING NO. 1035 REV. A DT: 15 JUL 1996

ADDITIONAL INSPECTION MAY BE REQUIRED PRIOR TO INSTALLATION

PART TRACKING NO: 23414
NOTE: AS²I = AIRCRAFT SPECIALTIES SERVICES, INC.

LW15032
TACH SHAFT

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

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. DD2R764K
13d. Name (Typed or Printed)	13e. Date (dd/mmm/yyyy)	14d. Name (Typed or Printed) Harold Lehman	14e. Date (dd/mmm/yyyy) 10 DEC 2019

User/Installer Responsibilities

It is important to understand that the existance of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.

Where the user/installer 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.

1. Approving Civil Aviation Authority / Country FAA / United States	2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3 AIRWORTHINESS APPROVAL TAG	3. Form Tracking No: ASI-125881
4. Organization AIRCRAFT SPECIALTIES SERVICES, INC. 2860 NORTH SHERIDAN ROAD TULSA, OK 74115 FAA REPAIR STATION NO. DD2R764K	PHONE: (918) 836-6872 FAX: (918) 836-4419	5. Work Order/ Contract/Invoice No. 256531

6. Item:	7. Description:	8. Part Number:	9. Quantity	10. Serial Number	11. Status/Work
1.	GEAR	LYCOMING TO-360E1A6D SUBASSEMBLY	1	N/A	INSPECTED

12 Remarks:

PERFORMED MAGNETIC PARTICLE INSPECTION IAW ASTM E1444/E1444M-16E1 DT: 01 JUN 2016

ADDITIONAL INSPECTION MAY BE REQUIRED PRIOR TO INSTALLATION

PART TRACKING NO: S256531-2

CRANKSHAFT GEAR

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

14a. [X] 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.
			DD2R764K
13d. Name (Typed or Printed)	13e. Date (dd/mmm/yyyy)	14d. Name (Typed or Printed) Cary Van Deventer	14e. Date (dd/mmm/yyyy) 22 NOV 2019

User/Installer Responsibilities

It is important to understand that the existance of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.

Where the user/installer 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.

1. Approving Civil Aviation Authority / Country FAA / United States	2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3 AIRWORTHINESS APPROVAL TAG	3. Form Tracking No: ASI-125881
4. Organization AIRCRAFT SPECIALTIES SERVICES, INC. 2860 NORTH SHERIDAN ROAD TULSA, OK 74115 FAA REPAIR STATION NO. DD2R764K	PHONE: (918) 836-6872 FAX: (918) 836-4419	5. Work Order/ Contract/Invoice No. 256531

6. Item:	7. Description:	8. Part Number:	9. Quantity	10. Serial Number	11. Status/Work
1.	GEAR	LYCOMING TO-360E1A6D SUBASSEMBLY	1	N/A	INSPECTED

12 Remarks:

PERFORMED MAGNETIC PARTICLE INSPECTION IAW ASTM E1444/E1444M-16E1 DT: 01 JUN 2016

ADDITIONAL INSPECTION MAY BE REQUIRED PRIOR TO INSTALLATION

PART TRACKING NO: S256531-2

CRANKSHAFT GEAR

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		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. DD2R764K
13d. Name (Typed or Printed)	13e. Date (dd/mmm/yyyy)	14d. Name (Typed or Printed) Cary Van Deventer	14e. Date (dd/mmm/yyyy) 22 NOV 2019

User/Installer Responsibilities

It is important to understand that the existance of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.

Where the user/installer 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.

1. Approving Civil Aviation Authority / Country FAA / United States	2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3 AIRWORTHINESS APPROVAL TAG	3. Form Tracking No: ASI-125883
4. Organization AIRCRAFT SPECIALTIES SERVICES, INC. 2860 NORTH SHERIDAN ROAD TULSA, OK 74115 FAA REPAIR STATION NO. DD2R764K PHONE: (918) 836-6872 FAX: (918) 836-4419		5. Work Order/ Contract/Invoice No. 256531

6. Item:	7. Description:	8. Part Number:	9. Quantity	10. Serial Number	11. Status/Work
1.	GEAR	LYCOMING TO-360E1A6D SUBASSEMBLY	7	N/A	INSPECTED

12 Remarks:

PERFORMED MAGNETIC PARTICLE INSPECTION IAW ASTM E1444/E1444M-16E1 DT: 01 JUN 2016

ADDITIONAL INSPECTION MAY BE REQUIRED PRIOR TO INSTALLATION

PART TRACKING NO: S256531-4

4 CYLINDER INTERNAL

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

14a. [X] 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.
			DD2R764K
13d. Name (Typed or Printed)	13e. Date (dd/mmm/yyyy)	14d. Name (Typed or Printed) Cary Van Deventer	14e. Date (dd/mmm/yyyy) 22 NOV 2019

User/Installer Responsibilities

It is important to understand that the existance of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.

Where the user/installer 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.

1. Approving Civil Aviation Authority / Country FAA / United States	2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3 AIRWORTHINESS APPROVAL TAG	3. Form Tracking No: ASI-125883
4. Organization AIRCRAFT SPECIALTIES SERVICES, INC. 2860 NORTH SHERIDAN ROAD TULSA, OK 74115 FAA REPAIR STATION NO. DD2R764K PHONE: (918) 836-6872 FAX: (918) 836-4419		5. Work Order/ Contract/Invoice No. 256531

6. Item	7. Description	8. Part Number	9. Quantity	10. Serial Number	11. Status/Work
1.	GEAR	LYCOMING TO-360E1A6D SUBASSEMBLY	7	N/A	INSPECTED

12. Remarks:

PERFORMED MAGNETIC PARTICLE INSPECTION IAW ASTM E1444/E1444M-16E1 DT: 01 JUN 2016

ADDITIONAL INSPECTION MAY BE REQUIRED PRIOR TO INSTALLATION

PART TRACKING NO: S256531-4

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

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.
			DD2R764K
13d. Name (Typed or Printed)	13e. Date (dd/mmm/yyyy)	14d. Name (Typed or Printed) Cary Van Deventer	14e. Date (dd/mmm/yyyy) 22 NOV 2019

User/Installer Responsibilities

It is important to understand that the existance of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.

Where the user/installer 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.

1. Approving Civil Aviation Authority / Country FAA / United States	2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3 AIRWORTHINESS APPROVAL TAG	3. Form Tracking No: ASI-125884
4. Organization AIRCRAFT SPECIALTIES SERVICES, INC. 2860 NORTH SHERIDAN ROAD TULSA, OK 74115 FAA REPAIR STATION NO. DD2R764K	PHONE: (918) 836-6872 FAX: (918) 836-4419	5. Work Order/ Contract/Invoice No. 256531

6. Item:	7. Description:	8. Part Number:	9. Quantity	10. Serial Number	11. Status/Work
1.	PUSH ROD	LYCOMING TO-360E1A6D SUBASSEMBLY	8	N/A	INSPECTED

12. Remarks

PERFORMED MAGNETIC PARTICLE INSPECTION IAW ASTM E1444/E1444M-16E1 DT: 01 JUN 2016

ADDITIONAL INSPECTION MAY BE REQUIRED PRIOR TO INSTALLATION

PART TRACKING NO: S256531-4

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

14a. [X] 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.
			DD2R764K
13d. Name (Typed or Printed)	13e. Date (dd/mmm/yyyy)	14d. Name (Typed or Printed) Cary Van Deventer	14e. Date (dd/mmm/yyyy) 22 NOV 2019

User/Installer Responsibilities

It is important to understand that the existance of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.

Where the user/installer 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.

1. Approving Civil Aviation Authority / Country FAA / United States	2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3 AIRWORTHINESS APPROVAL TAG	3. Form Tracking No: ASI-125884
4. Organization AIRCRAFT SPECIALTIES SERVICES, INC. 2860 NORTH SHERIDAN ROAD TULSA, OK 74115 FAA REPAIR STATION NO. DD2R764K	PHONE: (918) 836-6872 FAX: (918) 836-4419	5. Work Order/ Contract/Invoice No. 256531

6. Item:	7. Description:	8. Part Number:	9. Quantity	10. Serial Number	11. Status/Work
1.	PUSH ROD	LYCOMING TO-360E1A6D SUBASSEMBLY	8	N/A	INSPECTED

12 Remarks:

PERFORMED MAGNETIC PARTICLE INSPECTION IAW ASTM E1444/E1444M-16E1 DT: 01 JUN 2016

ADDITIONAL INSPECTION MAY BE REQUIRED PRIOR TO INSTALLATION

PART TRACKING NO: S256531-4

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

14a. [X] 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.
			DD2R764K
13d. Name (Typed or Printed)	13e. Date (dd/mmm/yyyy)	14d. Name (Typed or Printed) Cary Van Deventer	14e. Date (dd/mmm/yyyy) 22 NOV 2019

User/Installer Responsibilities

It is important to understand that the existance of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.

Where the user/installer 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.

1. Approving Civil Aviation Authority / Country FAA / United States	2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3 AIRWORTHINESS APPROVAL TAG	3. Form Tracking No: ASI-125885
4. Organization AIRCRAFT SPECIALTIES SERVICES, INC. 2860 NORTH SHERIDAN ROAD TULSA, OK 74115 FAA REPAIR STATION NO. DD2R764K	PHONE: (918) 836-6872 FAX: (918) 836-4419	5. Work Order/ Contract/Invoice No. 256531

6. Item	7. Description:	8. Part Number:	9. Quantity	10. Serial Number	11. Status/Work
1.	HARDWARE	LYCOMING TO-360E1A6D SUBASSEMBLY	17	N/A	INSPECTED

12. Remarks:

PERFORMED MAGNETIC PARTICLE INSPECTION IAW ASTM E1444/E1444M-16E1 DT: 01 JUN 2016

ADDITIONAL INSPECTION MAY BE REQUIRED PRIOR TO INSTALLATION

PART TRACKING NO: S256531-4

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

14a. [X] 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.
			DD2R764K
13d. Name (Typed or Printed)	**13e. Date (dd/mmm/yyyy)**	**14d. Name (Typed or Printed)**	**14e. Date (dd/mmm/yyyy)**
		Cary Van Deventer	22 NOV 2019

User/Installer Responsibilities

It is important to understand that the existance of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.

Where the user/installer 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.

1. Approving Civil Aviation Authority / Country FAA / United States	2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3 AIRWORTHINESS APPROVAL TAG	3. Form Tracking No: ASI-125885
4. Organization AIRCRAFT SPECIALTIES SERVICES, INC. 2860 NORTH SHERIDAN ROAD TULSA, OK 74115 FAA REPAIR STATION NO. DD2R764K	PHONE: (918) 836-6872 FAX: (918) 836-4419	5. Work Order/ Contract/Invoice No. 256531

6. Item:	7. Description:	8. Part Number:	9. Quantity	10. Serial Number	11. Status/Work
1.	HARDWARE	LYCOMING TO-360E1A6D SUBASSEMBLY	17	N/A	INSPECTED

12. Remarks:

PERFORMED MAGNETIC PARTICLE INSPECTION IAW ASTM E1444/E1444M-16E1 DT: 01 JUN 2016

ADDITIONAL INSPECTION MAY BE REQUIRED PRIOR TO INSTALLATION

PART TRACKING NO: S256531-4

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		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. DD2R764K
13d. Name (Typed or Printed)	13e. Date (dd/mmm/yyyy)	14d. Name (Typed or Printed) Cary Van Deventer	14e. Date (dd/mmm/yyyy) 22 NOV 2019

User/Installer Responsibilities

It is important to understand that the existance of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.

Where the user/installer 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.