

DATE

19

1 N8443M Engine Log
1 05/18/2020 Tach and TTE 2609.8 SMOH 1040.4

tions
r of
ies.)

Inspected this engine IAW FAR 43, Appendix D checklist. Checked compression: Cyl #1 25/80, #2 70/80, #3 30/80, #4 62/80, #5 40/80, #6 60/80. Removed cylinders, found broken rings on 2-3 pistons. Found cam unserviceable. See Work Order #4612, Aircraft & Engine Enterprises, INC. Reinstalled engine after repair. All cylinders O/H. Installed valve lifters, cylinders, installed and timed mags, carb, baffles, reinstalled data plate, as removed, installed induction and exhaust components. Installed propeller, new oil filter, 10 qts 20W50 Phillips mineral, non-detergent oil. Ran engine, set idle speed and mixture. Ran up, all readings normal, no leaks.

I certify this engine inspected IAW 100 hour Inspection and is approved for return to service.

Jonathan E. Farmer
A& [REDACTED]

2764
2610
154

REPAIR TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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SA 4701-SC2 RING SET FOR CROME BARRELS
 2EA C SA4701, 1EA C SA4706A, 1EA 25219CC
 THESE RINGS ARE TO NOT TO BE INSTALLED WITH STEEL BARRELS.
 E-185, E-225, O-470-A, EJ, IO-470-J, K, O-470-K, L, R, S
 O-470-B, G, M, MP, IO-470- C, G, P, R
 O-470-U, IO-470-D, E, F, L, M, N, S, U, V,
 TSIO470-B, C, D

2nd Ring:	SA4701	0.043 - 0.059
Oil Control Ring:	SA4706A	0.016 - 0.037
Scraper Ring*:	252519CC	0.030 - 0.050

~~CAUTION: THE SCRAPER RING MUST BE INSTALLED
 WITH THE TAPER INVERTED IN NICKEL PLATED
 CYLINDERS.~~

SEE CONTINENTAL MOTORS SERVICE BULLETIN
 SS15-68 AND SUPERIOR AIR PARTS SERVICE LETTER
 NUMBER L05-09 B FOR ADDITIONAL INFORMATION

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

WORK PERFORMED: REPAIRED LOCKER SHIFTER BOSS
REPAIRED TOP SPARK BOSS
REPAIRED BOTTOM SPARK BOSS
REPAIRED EXH. PORT *Weld*
REPAIRED EXH. PORT FAC
REPAIRED INT. PORT
REPAIRED INT. SEAT BOSS
REPAIRED CXH. SEAT BOSS
REPAIRED INT. GUIDE BOSS
REPAIRED EXH. GUIDE BOSS *Weld*
REPAIRED SURFACE CRACKS *S/W Fins*

SIGNED

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 LOCKER SHIFTER BOSS
REPAIRED TOP SPARK BOSS
REPAIRED BOTTOM SPARK BOSS
REPAIRED EXH. PORT *S/W*
REPAIRED EXH. PORT FAC *Weld*
REPAIRED INT. PORT
REPAIRED INT. SEAT BOSS
REPAIRED CXH. SEAT BOSS
REPAIRED INT. GUIDE BOSS
REPAIRED EXH. GUIDE BOSS
REPAIRED SURFACE CRACKS

SIGNED

DATE

JUL 31 2019

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

PARTIAL MAINTENANCE RELEASE

#4
**AIRCRAFT CYLINDERS OF
AMERICA, INC.**
1006 EAST INDEPENDENCE ST.
TULSA, OKLAHOMA 74106-5310
918/582-1785

FAA APPROVED REPAIR
STATION #HT2R884K

CYL. TYPE Q-470
INV. # F 3929 CYL. # 462
CUSTOMER GIBSON
CUST. # 2999-11

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 _____
Date 10-23-19

**MAINTENANCE
RELEASE**

ACA FORM 103-3

#5
**AIRCRAFT CYLINDERS OF
AMERICA, INC.**
1006 EAST INDEPENDENCE ST.
TULSA, OKLAHOMA 74106-5310
918/582-1785

FAA APPROVED REPAIR
STATION #HT2R884K

CYL. TYPE Q-470 1/2
INV. # F 3396 CYL. # 376
CUSTOMER GIBSON
CUST. # 2685-2

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 _____
Date 6-11-19

**MAINTENANCE
RELEASE**

ACA FORM 103-3

#6
**AIRCRAFT CYLINDERS OF
AMERICA, INC.**
1006 EAST INDEPENDENCE ST.
TULSA, OKLAHOMA 74106-5310
918/582-1785

FAA APPROVED REPAIR
STATION #HT2R884K

CYL. TYPE Q-470
INV. # F 1679 CYL. # 462
CUSTOMER GIBSON
CUST. # 200734-17

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 _____
Date 11-11-19

**MAINTENANCE
RELEASE**

ACA FORM 103-3

MANUFACTURER **CONTINENTAL**

NAME **CYL. ASSY**

MANUFACTURER

NAME

MODEL No.

0-470

PART No.

639672

SERIAL No.

MM

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. **DI 78343.24**"

SIGNED

DATE

JUL 31 2019

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

REPAIRED EXH. PORT FAC

REPAIRED INT. PORT

REPAIRED INT. SEAT BOSS

REPAIRED EXH. SEAT BOSS

REPAIRED INT. GUIDE BOSS

REPAIRED EXH. GUIDE BOSS

REPAIRED SURFACE CRACKS

5/14

Weld

3/16 Pins

SIGNED

FOR: J & J

DATE

III 31 2019

921K

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

REPAIRED BOTTOM SPARK BOSS

REPAIRED EXH. PORT

REPAIRED EXH. PORT FACING

REPAIRED INT. PORT

REPAIRED INT. SEAT BOSS

REPAIRED CXH. SEAT BOSS

REPAIRED INT. GUIDE BOSS

REPAIRED EXH. GUIDE BOSS

REPAIRED SURFACE CRACKS

5/16" Weld

5/16" Fin

SIGNED

DATE

AUG 06 2019

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

PARTIAL MAINTENANCE RELEASE

MAINTENANCE RELEASE

Date 9-18-19
 Signed [Signature]
 4. [Signature]
 3. [Signature]
 2. [Signature]
 1. CHANNEL CHROME ONLY
 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.

CUST. # 0-470
 CUSTOMER GIBSON
 INV. # F 3929 CYL. # 460
 CYL. TYPE 0-470
 STATION #HT2R884K
 FAA APPROVED REPAIR
 918/582-1785
 TULSA, OKLAHOMA 74106-5310
 AMERICA, INC.
 AIRCRAFT CYLINDERS OF

CYL #1

MAINTENANCE RELEASE

Date 10-2-19
 Signed [Signature]
 4. [Signature]
 3. [Signature]
 2. [Signature]
 1. CHANNEL CHROME ONLY
 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.

CUST. # 0-470
 CUSTOMER GIBSON
 INV. # F 4830 CYL. # 460
 CYL. TYPE 0-470
 STATION #HT2R884K
 FAA APPROVED REPAIR
 918/582-1785
 TULSA, OKLAHOMA 74106-5310
 AMERICA, INC.
 AIRCRAFT CYLINDERS OF

CYL #2



#3

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

FAA APPROVED REPAIR
 STATION #HT2R884K

CYL. TYPE 0-470
 INV. # F 3929 CYL. # 460
 CUSTOMER Gibson
 CUST. # 2999-9

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. [Signature]
 3. [Signature]
 4. [Signature]
 Signed [Signature]
 Date 10-2-19

MAINTENANCE RELEASE

1. Approving Civil Aviation Authority/Country: FAA/United States		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: 1280646 Page 1 of 1 Pages	
4. Organization Name and Address: Hutchinson Aerospace & Industry, Inc. 4510 Vanowen Street P.O. BOX 7710 Burbank, CA 91505				5. Work Order/Contract/Invoice Number: 94S CA15893-2		
6. Item:	7. Description:	8. Part Number:	9. Qty:	10. Serial Number:	11. Status/Work:	
95	ISOLATOR, PPU	94110-40	24	N/A	NEW	
Certified True Copy of original DEC 13 2019						
12. Remarks: Issue to Customer: GLOBAL PARTS, INC Order Number: 122310 Airworthiness Approval, This PMA part is not a critical component CURE DATE 1750 Drawing Revision: J 8/15/1995 Global Parts, aero						
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.			13b. ☐ 14 CFR 13.9 Return to Service ☐ Other regulation specified in Block 12 Certifies that, except 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 if required by that work, the items are approved for return to service.			
13b. Authorized Signature: [Redacted Signature]		13c. Approval/Authorization No.: 468010282		14b. Authorized Signature: [Redacted Signature]		
13d. Name (Typed or Printed): THACH VU MR		13e. Date (dd/mm/yyyy): 30/Mar/2016		14c. Approval/Certificate No.: [Redacted]		
14d. Name (Typed or Printed): [Redacted]						
14e. Date (dd/mm/yyyy): [Redacted]						
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/art 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)/articles(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 National Aviation Authority / Country FAA / United States		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3 AIRWORTHINESS APPROVAL TAG		3. Form Tracking No. ASH010251	
4. Organization: AIRCRAFT SPECIALTIES SERVICES, INC. PHONE: (918) 836-6872 2860 NORTH SHERIDAN ROAD TULSA, OK 74115 FAA REPAIR STATION NO. DD2R764K				5. Work Order/ Contract/Invoice No. 218122	
6. Item:	7. Description	8. Part Number	9. Eligibility	10. Quantity	11. Serial/Batch No.
1	CAMSIAFT	535661	N/A	1	N/A
12. Status/Work REPAIRED					
13. Remarks: PERFORMED MAGNETIC PARTICLE INSPECTION IAW ASTM E1444 PERFORMED DIMENSIONAL CHECK IAW AIRCRAFT SPECIALTIES REPAIR PROCEDURE 0812006 GROUND LOADS IAW AIRCRAFT SPECIALTIES REPAIR PROCEDURE 0412004 APPLIED MANGANESE PHOSPHATE IAW AIRCRAFT SPECIALTIES REPAIR PROCEDURE 0812006 MACHINED KEY SLOT IN GEAR PILOT IAW AIRCRAFT SPECIALTIES PROCESS 0011 PART TRACKING: 5218122-1					
14. 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 13			19. ☒ 14 CFR 43.9 ☐ Other regulation specified in Block 13 Return to Service Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 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.		
15. Authorized Signature		16. Approval/Authorization No.		20. Authorized Signature	
				21. Approval/ Certificate No. DD2R764K	
17. Name (Typed or Printed)		18. Date (m/d/y)		22. Name (Typed or Printed)	
				Harold Lehman	
				APR 01 2013	
User/Installer Responsibilities It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly. Where the user/installer work in accordance with the national regulations of an Airworthiness Authority different than the Airworthiness Authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her Airworthiness Authority accepts parts/components/assemblies from the Airworthiness Authority of the country specified in Block 1. Statements in Block 14 and 19 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.					

RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
①	ELT TEST PER 91 207 PARD BAT		
	DUE SEP 2024		
②	AD 75 05 02 CW DEL SEP		NORMAL
③	SVS 99 24 10 CW PER AD		
④	AD 83 10 01 CW FUEL CARS		NORMAL
⑤	AD 11 10 09 CW SEALS RAILS		NORMAL
⑥	AD 76 07 12 CW MAG SWITCH		NORMAL
This is to certify that this Aircraft and Powerplant and Propeller have been inspected in accordance with an annual inspection and was found airworthy. Tac <u>2740.3</u> Total Time Aircraft <u>2740.3</u> Ad Check <u>23-10</u> TT Eng <u>2740.3</u> TT Prop <u>257.5</u> Time since eng ov <u>257.5</u> Time Since Prop ov <u>257.5</u> Franklin G. Wilson (A [REDACTED]) Findale, Ohio 43932 [REDACTED]			
	23 MAY 2023		[REDACTED]