

1. Approving Civil Aviation Authority / Country FAA / United States	2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3 AIRWORTHINESS APPROVAL TAG	3. Form Tracking No: <b>ASI-052794</b>
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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. <b>232728</b>
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6. Item:	7. Description:	8. Part Number:	9. Quantity	10. Serial Number	11. Status/Work
1.	CAMSHAFT	530803	1	N/A	REPAIRED

12. Remarks:

PERFORMED MAGNETIC PARTICLE INSPECTION IAW ASTM E1444/E1444M-12 DT: 15 OCT 2012  
 PERFORMED DIMENSIONAL CHECK IAW AS<sup>2</sup>I REPAIR PROCEDURE 0812006 REV. 1 DT: 18 AUG 2006  
 GROUND LOBES IAW AS<sup>2</sup>I REPAIR PROCEDURE 0812006 REV. 1 DT: 18 AUG 2006  
 APPLIED MANGANESE PHOSPHATE IAW AS<sup>2</sup>I REPAIR PROCEDURE 0812006 REV. 1 DT: 18 AUG 2006

PART TRACKING NO: S232728-1  
 NOTE: AS<sup>2</sup>I = AIRCRAFT SPECIALTIES SERVICES, INC.

13a. Certifies the items identified above were manufactured in conformity to  <input type="checkbox"/> Approved design data and are in a condition for safe operation <input type="checkbox"/> Non-approved design data specified in Block 12	14a. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> 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.
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13b. Authorized Signature	13c. Approval/Authorization No.	14b. Authorized Signature	14c. Approval/Certificate No. <b>DD2R764K</b>
13d. Name (Typed or Printed)	13e. Date (dd/mmm/yyyy)	14d. Name (Typed or Printed) <b>Harold Lehman</b>	14e. Date (dd/mmm/yyyy) <b>03 SEP 2015</b>

**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 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.

# Phil's Cylinder Service

14833 SIDNEY-PLATTSVILLE RD

SIDNEY OH 45365

937-833-0843

Date 5-10-2016 model O-300D

S/N 29313-D-4-D

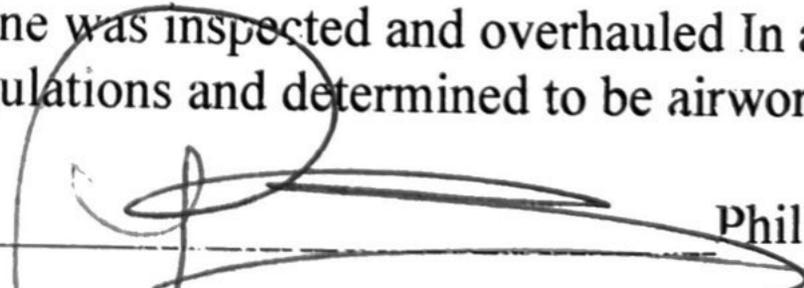
ETT 1972.25 TSOH 0.0

This engine was overhauled using Continental overhaul manual as a guide. All ferrous part inspected using ASTM E-1444 -94a as a guide, all non-ferrous materials were inspected using ASTM E 1417-95a as a guide, all connecting rods were rebushed, all rocker arms were rebushed, all counterweights rebushed, and crankshaft blades rebushed, all cylinder assemblies were overhauled with new pistons, rings, exhaust valve, and pins assy. Camshaft and tappet bodies reground, Carburetor overhauled ignition system overhauled. See AD list for compliance. The following service bulletins were complied with MSB'S M87-23, 90-17, MSB 96-10(IAW MHS-200)

Tested engine IAW manufactures guidelines

I certify that this engine was inspected and overhauled In accordance with current FAA regulations and determined to be airworthy for return to service

IA A&P 400062798

 Phillip Scadden

YEAR: DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> 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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## Aerotech Aviation LLC

14833 Sidney Plattsville Rd  
 Sidney, Ohio 45365  
 937-308-4709

Date: 5-10-16  
 Tach: 1972.25  
 TSOH: 0.00

Reg.#: N8448U  
 Model: 0-300-D  
 S/N:29313-D-4-4

C/W Annual Inspection I.A.W. FAR 43 Appendix D and Cessna Service Manual. . Pulled Engine and sent in for Overhaul. Reinstalled Engine with new Mounts and hardware. Installed new Fuel Line. Serviced with Aeroshell 100 Mineral Oil. Ground run leak check ops check good. I certify this Engine has been inspected IAW an Annual Inspection and found to be in airworthy condition.

  
 Mike R. Chappie A&P 3074753 IA

**Aerotech Aviation LLC**

14833 Sidney Plattsville Rd  
Sidney, Ohio 45365  
937-308-4709

TIME SERVICE  
Date: 6-9-18<sup>17</sup> (re)  
Tach: 2047.19  
TSOH: 74.94

Certificate Number of Technician or Repair  
Reg.#: N8448U  
Model: 0-300-D  
S/N:29313-D-4-4

C/W Annual Inspection I.A.W. FAR 43 Appendix D and Cessna Service Manual. Compressions on Cylinder #1. 76/80 #2. 77/80 #3. 76/80 #4. 76/80 #5 75/80 #6 78/80. Drained oil and checked screen, no defects noted. Serviced with 7 QT Aeroshell 100 W. Cleaned, gapped, rotated and tested spark plugs. Checked Ignition Leads and Mag Timing. Adjusted fuel mixture. Cleaned Engine and lubed all controls. ground run leak check good. I certify this Engine has been inspected IAW an Annual Inspection and found to be in airworthy condition.



Mike R. Chappie A&P 3074753 IA



## Aerotech Aviation LLC

14833 Sidney Plattsville Rd

Sidney, Ohio 45365

937-308-4709

Date: 7-24-18

Tach: 2115.65

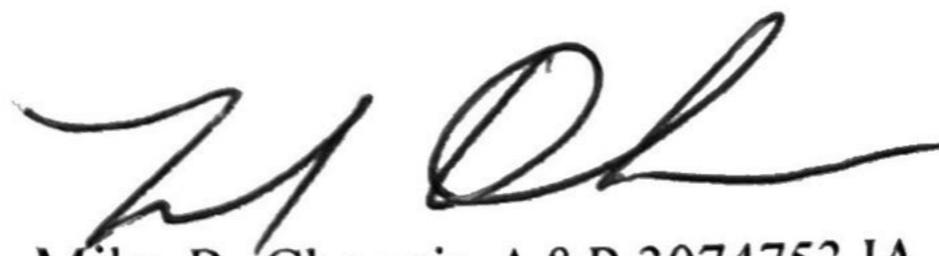
TSOH: 143.40

Reg.#: N8448U

Model: 0-300-D

S/N:29313-D-4-4

C/W Annual Inspection I.A.W. FAR 43 Appendix D and Cessna Service Manual. Compressions on Cylinder #1. **75/80** #2. **75/80** #3. **75/80** #4. **71/80** #5 **71/80** #6 **76/80**. Drained oil and checked screen, no defects noted. Serviced with 7 QT Aeroshell 100 W. Cleaned, gapped, rotated and tested spark plugs. Checked Ignition Leads and Mag Timing. Replaced Generator P/N: 1101898 S/N off: 4669 S/N On: 13798 Cleaned Engine and lubed all controls. ground run leak check good. I certify this Engine has been inspected IAW an Annual Inspection and found to be in airworthy condition.



Mike R. Chappie A&P 3074753 IA



TIME

SERVICE

(See back pages for other specific entries.)

Total of Repair

## Aerotech Aviation LLC

14833 Sidney Plattsville Rd

Sidney, Ohio 45365

937-308-4709

Date: 8-3-19

Tach: 2174.41

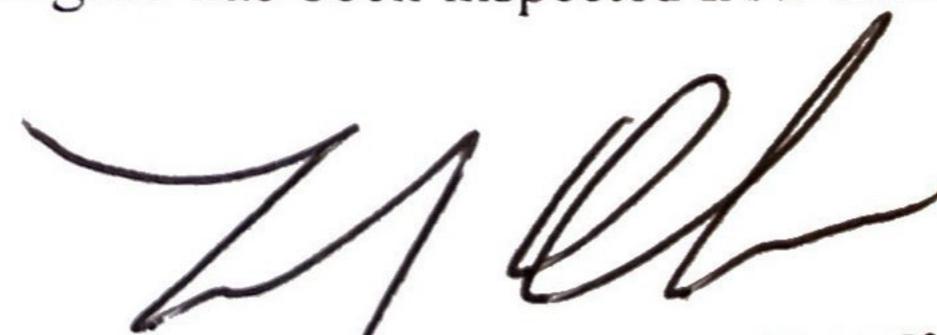
TSOH: 202.16

Reg.#: N8448U

Model: 0-300-D

S/N:29313-D-4-4

C/W Annual Inspection I.A.W. FAR 43 Appendix D and Cessna Service Manual. Compressions on Cylinder #1. **75/80** #2. **75/80** #3. **75/80** #4. **72/80** #5 **72/80** #6 **75/80**. Drained oil and checked screen, no defects noted. Serviced with 7 QT Aeroshell 100 W. Cleaned, gapped, rotated and tested spark plugs. Checked Ignition Leads and Mag Timing. Cleaned Engine and lubed all controls. ground run leak check good. AD's check and complied through this date. I certify this Engine has been inspected IAW an Annual Inspection and found to be in airworthy condition.



Mike R. Chappie A&amp;P 3074753 IA

YEAR:

19

DATE

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.)

12/11

2199.8

Oil Change TROT AEROShell 15/50

# Achievement Aircraft Maintenance LLC

Facility Address:  
Lakefield Airport  
6177 St Rd 219  
Celina, OH 45822

8-5-2020      N8448U      Continental O-300-D      S/N 29313-D-4-4      Tach Time 2216.98      TT  
2216.98      SMOH 244.73

Performed 100hr inspection in accordance with 14CFR43 Appendix D

Checked engine compressions per Continental manual M-0 chapter 6. Compressions as follows 1:76/80  
2:73/80 3:75/80 4:72/80 5:73/80 6:76/80 orifice reading 44psig

Checked engine timing per Continental manual M-0 section 6-4.15 No adjustment needed

Drained engine oil, inspected screens per Continental manual M-0 section 6-4.8.2. No metal deposits found.

Installed new CO-300 oil filter adapter kit per Stratus tool Technologies DN ST006 Rev- dated 4-6-2017 and  
STC SE8409SW. Instructions for continued airworthiness ref. DN ST001 Rev A dated 8-2017

Checked AD's. None due at this time

I certify this ENGINE has been inspected in accordance with a 100hr inspection and has been found to be in  
airworthy condition. Conrad Sandlin \_\_\_\_\_ 3843152 A&P

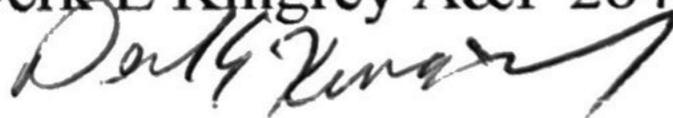
N8448U

Engine Log

Date: 17 Feb 2021 Tac: 2256.64 SMOH: 284.39

Engine inspected IAW far 43 appendix D. Compression's #1 78/80 #2 64/80 #3 78/80 #4 78/80 #5 76/80 #6 78/80. Drained oil replaced filter CH4108-1. Cut and inspected old filter no effects noted. Performed MSB-001 on Stratus Oil filter Adapter, found housing loose. Removed adapter, removed fiber gasket and reinstalled with Two new Copper Gaskets IAW ICA dated 03/05/2020. Torqued and saftied applied torque seal visual indicator to housing. Leak checked good. Adjusted magneeto timing LH 28\* Rh 26\*. Cleaned gapped and rotated spark plugs. Replaced all valve cover gaskets with Real Gaskets PN 530162 Filled crankcase with 7 Qts Aeroshell W15W50. Replaced Air filter BA6108. Washed engine leak checked good. I certify this engine has been inspected IAW an annual inspection and was determined to be in an airworthy condition.

Derk E Kingrey A&P 2841546. I.A.



N8448U

Engine Log

Date: 16 Feb 2022 TAC: 2290.2 SMOH: 317.9

Engine inspected IAW far 43 appendix D. Compression's  
#1 78/80 #2 60/80 #3 75/80 #4 70/80 #5 72/80 #6 72/80.  
Drained oil replaced filter AA48108-2. Cleaned gapped and  
rotated spark plugs. Replaced 1 plug UREM40EE due to drop  
on floor. Checked engine to mag timing no correction  
required. Replaced engine filter BA 6108. Washed engine  
filled crankcase with 6 Qts Aeroshell W15W50. Run up and  
tested good. I certify his engine has been inspected IAW an  
annual inspection and was determined to be in an airworthy  
condition.

Derk E Kingrey A&P 2841546 I.A.



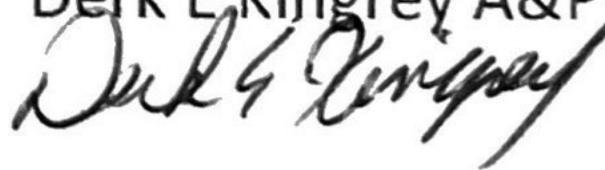
N8448U

Engine Log

Date: 18 Jan 2023 Tac: 2327.6 SHOH: 354.4

Engine inspected IAW far 43 appendix D. Compression's  
#1 77/80 #2 71/80 #3 75/80 #4 66/80 #5 73/80 #6 75/80.  
Drained oil replaced filter AA48108 cut and inspected old  
filter no contaminants noted. Washed engine filled  
crankcase with 7 QTS Aeroshell 15W50. Cleaned gapped and  
rotated spark plugs. Checked engine to magneto timing.  
Inspected exhaust system no defects noted. Cleaned  
gascolator no contaminants noted. Replaced air filter  
BA6108. A.D. 22-04-04 PCW found Copper crush gasket and  
anti-slip past in place no further action required. I certify this  
engine has been inspected IAW an annual inspection and  
was determined to be in an airworthy condition.

Derk E Kingrey A&P 2841546 I.A.



N8448U

Engine Log

Date: Feb 13 2024 Tac: 2360.66 SMOH: 387.46

Engine inspected IAW far 43 appendix D. Compression's  
#1 77/80 #2 62/80 #3 77/80 #4 64/80 #5 72/80 #6 70/80.  
Drained oil replaced filter CH48110-1 cut and inspected  
old filter no contaminants noted Filled crankcase with  
Aeroshell W15W50. Replaced air filter BA6108. Checked  
engine to mag timing. Cleaned gapped and rotated spark  
plugs. Inspected exhaust system no defects noted.  
Inspected fuel system no defects noted. I certify this  
engine has been inspected IAW an annual inspection and  
was determined to be in an airworthy condition.

Derk E Kingrey A&P 2841546 I.A.

