

THE
adlogTM

AIRCRAFT
MAINTENANCE
RECORDKEEPING
SYSTEM

**ENGINE
MAINTENANCE
RECORDS**

ENGINE MAINTENANCE RECORDS

Log No. 84

Aircraft Registration No. N 4387K

Engine Manufacturer CONTINENTAL

Model E-185-9

Serial No. 6136-D-S-9

Date installed on aircraft 6-2-55

Time Between Overhauls (TBO) 1500 Hours

If used on multi-engine aircraft:

☐ Right ☐ Left
☐ Front ☐ Rear



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DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
8 JUN 96	3199.8	379.8	2561.83	ADLOG BOOK SYSTEM ACTIVATED THIS DATE.
				INSPECTED ENGINE, CHANGED OIL, SERVICED
TTSTOH= 952				WITH 8 QTS AEROSHELL 15W50, REMOVED
				AND DEACTIVATED EXTERNAL OIL FILTER SEE
				337 DATED 8 JUN 96, REPLACED EXHAUST
				CLASSETS ON #3 & #2 CYLINDERS, SERVICED
				AIR FILTER, COMPRESSION CHECK #1 8/70 #2 8/68
				#3 8/72 #4 8/74 #5 8/68 #6 8/66.
				I CERTIFY THAT THIS ENGINE HAS
				BEEN INSPECTED IN ACCORDANCE WITH
				AN <u>ANNUAL</u> INSPECTION AND DETERMINED
				TO BE IN AIRWORTHY CONDITION.
				<i>Frank W. Maile</i>
				Frank W Maile AP 2004622341A
1 JULY 97	3224.54	404.54	2586.57	INSPECTED ENGINE, CHANGED OIL AND
				INSPECTED OIL SCREEN, SERVICED WITH 8
				QTS AEROSHELL 15W50, CLEANED, INSPECTED AND
				GAPPED ALL SPARK PLUGS, SERVICED AIR FILTER
				COMPRESSION CHECK #1 8/70 #2 8/70 #3 8/72 #4 8/74
				#5 8/70 #6 8/68
				I CERTIFY THAT THIS ENGINE HAS
				BEEN INSPECTED IN ACCORDANCE
				WITH AN <u>ANNUAL</u> INSPECTION AND
				DETERMINED TO BE IN AIRWORTHY
				CONDITION. <i>Frank W. Maile</i>
				AP 2004622341A
				SUB-TOTALS this page
				TOTALS —Carry forward to next page

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				TOTALS brought forward from previous page
14 JULY 98	3250.82	430.82	2612.85	INSPECTED ENGINE, CHANGED OIL AND INSPECTED OIL SCREEN, SERVICED WITH 8 QTS AEROSHELL 15W50, CLEANED AND SERVICED ALL PLUGS, SERVICED AIR FILTER. COMPRESSION CHECK #1 80/68 #2 80/68 #3 80/70 #4 80/68 #5 80/70 #6 80/70 I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. Frank W. Male ATP 200462234IN
6-24-99	3265.20	445.20	2627.23	CLEANED AND SERVICED ALL SPARK PLUGS CLEANED AIR FILTER J. J. Jomara ATP 059464945
9-1-99	3265.20	445.20	2627.23	REMOVED AND REPLACE REINSTALLED #2 CYLINDER DUE TO LOW COMPRESSION. REPLACED ALL LEFT SIDE EXHAUST GASKETS, #2 CYLINDER PUSH ROD TUBE GASKETS AND CYLINDER BASE GASKET, SERVICED ENGINE WITH 10 QUARTS OF AEROSHELL MINERAL OIL. SEE YELLOW RETURN TO SERVICE TAG.
				SUB-TOTALS this page J. J. Jomara ATP 059464945
				TOTALS—Carry forward to next page

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				TOTALS brought forward from previous page
9-10-03				REMOVED #1,3,4,5,6 CYLINDERS. HAD CYLINDERS OVERHAULED AND CHROMED. SEE YELLOW TAGS REINSTALLED SAME CYLINDERS WITH NEW GASKETS AND SERVICED ENGINE WITH 10 QTS. AEROSHELL MINERAL OIL. CLEANED ALL SPARK PLUGS AND AIR CLEANER. REMOVED OIL SCREEN, CHECKED FOR FOREIGN MATTER AND REINSTALLED. <i>J. J. Lomax ATP 059464945</i>
09-13-03	3611	0487	0030	COMPRESSION 1) 44/80 2) 72/80 3) 72/80 4) 76/80 5) 70/80 6) 72/80 AD LIST AD SECTION OF AD LOG. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION & WAS FOUND TO BE IN AIRWORTHY CONDITION. <i>Paul J. Lomax ATP 059464945</i>
10-05-05	3644.8 3614.8	520.8 490.8	33.8	compression test results: 1) 48/80, 2) 55/80, 3) 60/80 4) 60/80, 5) 65/80, 6) 70/80 no exhaust leaks noted. I/A/W CONT _____ the lowest compression with the calibrated orifice is .42 PSI the day the compression was done. Drained engine oil and serviced with 12 qts Phillips 20W50 Type M. Inspected pressure screen, no contaminants noted. Cleaned, gapped and inspected spark plugs. Replaced air filter with new (CONT) →
				SUB-TOTALS this page
				TOTALS—Carry forward to next page

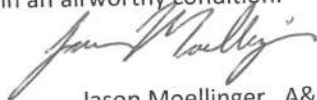
DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
(cont)				Replaced leaking generator gasket with new. Removed both left and right mags at this time and inspected (L+R) coils no defects noted. Replaced points, impulse couplings, and oil seals on (L+R) mags. Bench checked and reinstalled replacement parts purchased from Mattatuck Aviation (see invoice). All work accomplished I/A/w Bendix overhaul manual. Engine run up and leak check good. I certify that this engine was inspected I/A/w and annual inspection and found to be in airworthy condition. Raymond A. Jergye AHP 15480544 IA
4-3-06	3615.8	491.0	34.0	Removed and replaced Starter with like overhauled unit. Replaced all starter and battery cables and ring ends with new. Engine run up and leak check good. I certify that this engine was inspected I/A/w an annual inspection and found to be in an airworthy condition. Raymond A. Jergye AHP 1580544 IA
3-23-07	3642.7	517.7	60.7	Compression test results #1 73, #2 60, #3 65, #4 74 #5 65, #6 65 / ALL over 80 PSI Drained engine oil and serviced with 20W50 Type "M" oil. Inspected oil pressure screen. No defects noted. Cleaned, inspected, and gapped sparkplugs. R+R all exhaust
				SUB-TOTALS this page
				TOTALS —Carry forward to next page

TOTALS—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
04/02/2013				Navion N4387K Engine TTSH: 543.7 Tach time: 0086.7 Engine total time: 3668.7 1). Removed, cleaned, inspected, gapped and reinstalled spark plugs. 2). Drained oil from engine, serviced engine oil to recommended level, test run and leak check good. 3). Performed compression check: #1: 80/76 #2: 80/70 #3: 80/80 #4: 80/73 #5: 80/70 #6: 80/74. 4). Drained low point sumps, no contaminants found.  Mark Macey A&P 3418738 _____ end _____

Engine TT 3668.7 Tach 86.7 4/4/13

I certify that this engine has been inspected in accordance with an annual inspection and was found to be in an airworthy condition.



Jason Moellinger A&P 3121407 IA

07/11/2014 Navion N4387K Engine TTSH: 575.7 Tach time: 118.7 Engine total time: 3700.7

- 1). Removed, cleaned, inspected, gapped and reinstalled spark plugs.
- 2). Drained oil from engine, serviced engine oil to recommended level, test run and leak check good.
- 3). Performed compression check: #1: 80/68 #2: 80/64 #3: 80/60 #4: 80/72 #5: 80/70 #6: 80/78.
- 4). Drained low point sumps, no contaminants found.
- 5). Repaired left Magneto: Installed new contactor set, capacitor and oil seal. Adjust timing of both magnetos.
- 6). Installed new spark plug wire set to left magneto and related plugs.
- 7). Cleaned and inspected inlet air filter.
- 8). Inspected engine exhaust system for leaks, none found.
- 9). Inspected engine controls for correct travel and safeties.

For AD information, see 2014 AD list. I certify that this ENGINE has been inspected I/A/W an **ANNUAL INSPECTION** and was determined to be in an airworthy condition.



Mark Macey A&P 3418738 IA

SUB-TOTALS this page

TOTALS—Carry forward to next page

Date: 4/1/2014

Pritchett Aircraft Service.

19997 S Hwy 63
Rolla, MO 65401
573-364-0245

Customer Name: KEN PALMER

Address/Phone:

Type of Aircraft: BENDIX MAGNETO 10-51365-43

Contact: KEN

Qty	Part No.	Description	Unit Price	Extend Price
1	10-357174	CONTACTOR SET		28.88
1	10-51676	CAPACITOR		23.10
1	10-357592	OIL SEAL		23.64
3.0	LABOR	LABOR TO REPAIR MAGNETO		135.00
		Shipping		15.45
		Grand Total		226.07

07/20/2015 Navion N4387K Engine TTSH: 598.2 Tach time: 141.2 Engine total time: 3723.2

- 1). Cleaned and inspected spark plugs.
- 2). Drained oil and replace filter Tempest 109. Cut old filter, no metal found.
- 3). Performed compression check: #1: 80/670 #2: 80/77 #3: 80/72 #4: 80/77 #5: 80/68 #6: 80/74.
- 4). Drained low point sumps, no contaminants found.
- 5). Cleaned and inspected inlet air filter.
- 6). Inspected engine exhaust system for leaks, none found.
- 7). Inspected engine controls for correct travel and safeties.

For AD information, see AD list. I certify that this ENGINE has been inspected I/A/W an **ANNUAL INSPECTION** and was determined to be in an airworthy condition.


Mark Macey A&P 3418738 IA

07/16/2016 Navion N4387K Engine TTSH: 612.2 Tach time: 155.2 Engine total time: 3737.2

- 1). Cleaned and inspected spark plugs.
- 2). Drained oil and replace filter Tempest 109. Cut old filter, no metal found.
- 3). Performed compression check: #1: 80/670 #2: 80/77 #3: 80/72 #4: 80/77 #5: 80/68 #6: 80/74.
- 4). Drained low point sumps, no contaminants found.
- 5). Cleaned and inspected inlet air filter.
- 6). Inspected engine exhaust system for leaks, none found.
- 7). Inspected engine controls for correct travel and safeties.

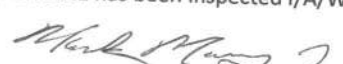
For AD information, see AD list. I certify that this ENGINE has been inspected I/A/W an **ANNUAL INSPECTION** and was determined to be in an airworthy condition.


Mark Macey A&P 3418738 IA

04/24/2017 Navion N4387K Engine TTSH: 627.3 Tach time: 170.3 Engine total time: 3752.3

- 1). Installed new Tempest 40-E spark plugs.
- 2). Drained oil and replace filter Tempest 109. Cut old filter, no metal found.
- 3). Performed compression check: #1: 80/68 #2: 80/76 #3: 80/72 #4: 80/78 #5: 80/66 #6: 80/74.
- 4). Drained low point sumps, no contaminants found.
- 5). Cleaned and inspected inlet air filter.
- 6). Inspected engine exhaust system for leaks, none found.
- 7). Inspected engine controls for correct travel and safeties.

For AD information, see AD list. I certify that this ENGINE has been inspected I/A/W an **ANNUAL INSPECTION** and was determined to be in an airworthy condition.

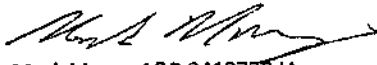

Mark Macey A&P 3418738 IA

SUB-TOTALS this page

TOTALS—Carry forward to next page

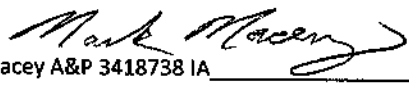
05/1/2018 Navion N4387K Engine TTSH: 634.6 Tach time: 177.6 Engine total time: 3759.6

- 1). Cleaned and inspected spark plugs.
 - 2). Drained oil and replace filter Tempest 109. Cut old filter, no metal found.
 - 3). Performed compression check: #1: 80/68 #2: 80/77 #3: 80/73 #4: 80/78 #5: 80/68 #6: 80/75.
 - 4). Drained low point sumps, no contaminants found.
 - 5). Cleaned and inspected inlet air filter.
 - 6). Inspected engine exhaust system for leaks, none found.
 - 7). Inspected engine controls for correct travel and safeties.
- For AD information, see AD list. I certify that this ENGINE has been inspected I/A/W an **ANNUAL INSPECTION** and was determined to be in an airworthy condition.


Mark Macey A&P 3418738 IA

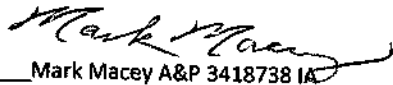
6/6/2019 Navion N4387K Engine TTSH: 642.5 Tach time: 185.5 Engine total time: 3767.5

- 1). Cleaned and inspected spark plugs.
 - 2). Drained oil and replace filter Tempest 109. Cut old filter, no metal found.
 - 3). Performed compression check: #1: 80/70 #2: 80/76 #3: 80/73 #4: 80/78 #5: 80/98 #6: 80/75.
 - 4). Drained low point sumps, no contaminants found.
 - 5). Cleaned and inspected inlet air filter.
 - 6). Inspected engine exhaust system for leaks, none found.
 - 7). Inspected engine controls for correct travel and safeties.
- For AD information, see AD list. I certify that this ENGINE has been inspected I/A/W an **ANNUAL INSPECTION** and was determined to be in an airworthy condition.


Mark Macey A&P 3418738 IA

6/26/2020 Navion N4387K Engine TTSH: 644.3 Tach time: 187.3 Engine total time: 3769.3

- 1). Cleaned and inspected spark plugs.
 - 2). Drained oil and replace filter Tempest 109. Cut old filter, no metal found.
 - 3). Performed compression check: #1: 80/70 #2: 80/76 #3: 80/73 #4: 80/78 #5: 80/98 #6: 80/75.
 - 4). Drained low point sumps, no contaminants found.
 - 5). Cleaned and inspected inlet air filter.
 - 6). Inspected engine exhaust system for leaks, none found.
 - 7). Inspected engine controls for correct travel and safeties.
- For AD information, see AD list. I certify that this ENGINE has been inspected I/A/W an **ANNUAL INSPECTION** and was determined to be in an airworthy condition.


Mark Macey A&P 3418738 IA

SUB-TOTALS this page

TOTALS—Carry forward to next page

Engine**N4387K****Tach: 194.5****Continental E-185-9 SN: 6136-D-5-9****TSMO: 651.5****TT: 3776.5****11/1/2021**

Changed oil Aeroshell W 100 10 qts, Changed filter AA48109. Cut open old filter – no ferrous metal found. Compression check results 1) 76/80, 2) 67/80, 3) 77/80, 4) 69/80 5) 73/80 and 6) 76/80. Cleaned, gapped, tested and rotated all spark plugs. Fixed two lead ends with used parts. Replaced induction filter Brackett BA-25. Lubed controls. Inspected exhaust system, repaired broken heat exchanger. Adjusted both magnetos timing to engine. Washed engine down. Ran engine and tested for leaks, found leaking at oil return line from air oil separator – cut end and replaced clamp. I certify that this engine has been inspected in accordance with an **Annual** Inspection and was found to be in an airworthy condition.

Daniel Lorenz

A&P 3484115 IA

Big River Aviation Sullivan, LLC

SUB-TOTALS this page**TOTALS**—Carry forward to next page