



The Standard

Y-ENGINE LOG



ASA-SE-2

YEAR 20 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.)
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wo: N423TA 7-30-25



Engine - page 1 of 1

Sarasota Avionics - 140 Airport Ave E - Venice, FL 34285 - 941-800-2135

N423TA

TACH: 2835.9

LYCOMING, IO-540 SER, S/N: ENGINE SN TBD

July 30, 2025

Ran engine on ground and brought to operating temperature. Drained engine oil, took oil sample, and sent to Avlab for analysis. Removed oil filter and cut open to inspect for metal contamination (none found). Installed and safety wired new oil filter AA48110. Serviced engine with 8 qts Phillips X/C 20W-50. Ran engine for operational and leak check.

With respect to the work performed, this engine is approved for return to service.

Frank Migenis A&P/ IA 3639889

RECORDING
TACH
TIME

TODAY'S
FLIGHT

TOTAL
TIME IN
SERVICE

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.)

wo: N423TA Annual 2-5-25

Engine - page 1 of 1



Sarasota Avionics - 140 Airport Ave E - Venice, FL 34285 - 941-800-2135

N423TA LYCOMING, IO-540 SER, S/N: ENGINE SN TBD
TACH: 2771.4

March 03, 2025

TTAF: 2771.4 TTE: 2771.4 SMOH: 1016.7 TTP: 2771.4 SPOH: 512.3

1. Ran engine on ground and brought to operating temperature.
2. Performed compression test on all cylinders and results were as follows: 1) 77/80, 2) 77/80, 3) 75/80, 4) 8/80, 5) 76/80, 6) 68/80
3. Removed #4 cylinder due to low compression and sent to Victor Aviation for inspection and repair.
4. Installed overhauled cylinder p/n 16A22130, s/n V649302454(6) in #4 location (see FAA Form 8130-3 this date).
5. Cleaned, gapped, and tested spark plugs.
6. Installed new oil pressure relief valve p/n AEL77808.
7. Complied with AD 2015-19-07, Externally Mounted Fuel Injector Fuel Lines, by visual inspection. No discrepancies noted at this time. Inspection next due at TTAF 2871.4.
8. Checked all other AD's to current bi-weekly and all applicable are in compliance at this time.
9. Ran engine on ground for operational and leak check. Adjusted oil pressure relief valve.

I certify this engine has been inspected in accordance with an annual inspection per 14 CFR 43, Appendix D, with reference to Cessna Maintenance Manual 182SMM rev. 26, and is airworthy for return to service at this time.

Frank Migenis A&P/ IA

3639889 IA

YEAR
20
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.)

wo: N423TA 5-12-25

Engine - page 1 of 1



Sarasota Avionics - 140 Airport Ave E - Venice, FL 34285 - 941-800-2135

N423TA
TACH: 2800.5

LYCOMING, IO-540 SER, S/N: ENGINE SN TBD

May 13, 2025

Ran engine on ground and brought to operating temperature. Drained engine oil, took oil sample, and sent to Avlab for analysis. Removed oil filter and cut open to inspect for metal contamination (none found). Installed and safety wired new oil filter AA48110. Serviced engine with 8 qts Phillips X/C 20W-50. Ran engine for operational and leak check.

With respect to the work performed, this engine is approved for return to service.

Frank Migenis A&P/ IA 3639889

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.)
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N423TA	Tach: 2743.4	DATE: 11/20/2024
Cessna T182T	s/n T18208208	

- Removed engine-driven fuel pump, p/n RG17980U/M, s/n C5633.
- Installed overhauled fuel pump p/n RG17980U/M, s/n C-4584 (see FAA form 8130-3 this date).
- Ran engine on ground for operational and leak check.
- Engine returned to service with respect to the work performed.


Francisco L. Migenis A&P 3639889

YEAR 20 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.)
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wo: N423TA Oil Change 1-13-25

Engine - page 1 of 1



Sarasota Avionics - 140 Airport Ave E - Venice, FL 34285 - 941-800-2135

N423TA
TACH: 2763.2

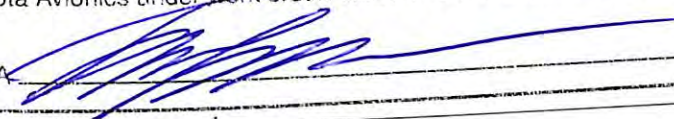
LYCOMING, IO-540 SER, S/N: ENGINE SN TBD

January 24, 2025

Ran engine on ground and brought to operating temperature. Drained engine oil, took oil sample, and sent to Avlab for analysis. Removed oil filter and cut open to inspect for metal contamination (none found). Installed and safety wired new oil filter AA48110. Serviced engine with 8 qts Phillips X/C 20W-50. Ran engine for operational and leak check.

With respect to the work performed, this engine is approved for return to service. Details of work performed are on file with Sarasota Avionics under work order: N423TA Oil Change 1-13-25.

Frank Migenis A&P/ IA



YEAR 20 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.)
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N423TA	Tach: 2628.0	DATE: 5/14/2024
Cessna T182T	s/n T18208208	

- Ran engine on ground and brought to operating temperature.
- Drained engine oil, collected oil sample, and sent to AvLab for analysis.
- Removed oil filter and cut open to inspect for metal contamination (none found).
- Installed and safety wired new oil filter p/n AA48110.
- Serviced engine with 8 qts Phillips X/C 20W-50.
- Installed new intake pipe gasket on #5 cylinder.
- Adjusted engine idle speed.
- Lubricated engine mixture control.
- Ran engine on ground for operational and leak check.
- Engine returned to service with respect to the work performed.

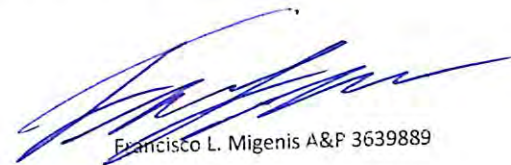

Francisco L. Migenis A&P 3639889

YEAR 20 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.)
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N423TA	Tach: 2663.4	DATE: 7/22/2024
Cessna T182T	s/n T18208208	

- Ran engine on ground and brought to operating temperature.
- Drained engine oil, collected oil sample, and sent to AvLab for analysis.
- Removed oil filter and cut open to inspect for metal contamination (none found).
- Installed and safety wired new oil filter p/n AA48110.
- Serviced engine with 8 qts Phillips X/C 20W-50.
- Installed new EGT probe p/n M-111 on #5 cylinder.
- Ran engine on ground for operational and leak check.
- Engine returned to service with respect to the work performed.


Francisco L. Migenis A&P 3639889

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.)
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N423TA	Tach: 2586.7	DATE: 9/28/2023
Cessna T182T	s/n T18208208	

- Ran engine on ground and brought to operating temperature.
- Drained engine oil, collected oil sample and sent to AvLab.
- Removed oil filter and cut open to inspect for metal contamination (none found).
- Installed and safety wired new oil filter p/n AA48110.
- Serviced engine with 8 qts Phillips X/C 20W-50.
- Cleaned, gapped, tested, and reinstalled spark plugs.
- Removed left magneto p/n 6361, s/n 22070467 and installed new magneto p/n 6361, s/n 23031053 under warranty repair.
- Ran engine on ground for operational and leak check.
- Engine returned to service with respect to the work performed.


Francisco L. Migenis A&P 3639889

YEAR 20____ 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.)
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N423TA	Tach: 2586.8	DATE: 2/6/2024
Cessna T182T	s/n 18208208	TTAF: 2586.8
Lycoming TIO-540-AK1A	s/n L11396-61A	TTE: 2586.8 SMOH: 832.1
McCauley B3D36C442	s/n 022111	TTP: 2586.8 SPOH: 327.7

- Ran engine on ground and brought to operating temperature. Drained engine oil.
- Removed oil filter and cut open to inspect for metal contamination (none found).
- Installed and safety wired new oil filter p/n AA48110-1.
- Serviced engine with 8 qts Phillips XC 20W-50 oil.
- Performed compression test on all cylinders and results were as follows: 1) 76/80, 2) 71/80, 3) 76/80, 4) 73/80, 5) 76/80, 6) 75/80.
- Cleaned and inspected fuel injector nozzles.
- Cleaned, gapped, and tested spark plugs.
- Installed new intake pipe connections p/n 71699 on all cylinders.
- Complied with AD 2015-19-07, Externally Mounted Fuel Injector Fuel Lines, by visual inspection (next due at TTAF 2686.8).
- Checked all other AD's to current bi-weekly, and all applicable are in compliance at this time.
- Test ran engine for operational and leak check.

I certify this engine has been inspected in accordance with an annual inspection per 14 CFR 43, Appendix D with reference to Cessna Maintenance Manual 182SMM rev. 21 and is airworthy for return to service at this time.


Francisco L. Migenis 3639889 IA

YEAR 20____ 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.)
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N423TA	Tach: 2304	DATE: 5/25/2023
Cessna T182T	s/n T18208208	

- Drained engine oil.
- Removed oil filter and cut open to inspect for metal contamination (none found).
- Installed and safety wired new oil filter p/n AA48110.
- Serviced engine with 8 qts Phillips X/C 20W-50.
- Ran engine on ground for operational and leak check.
- Engine returned to service with respect to the work performed.

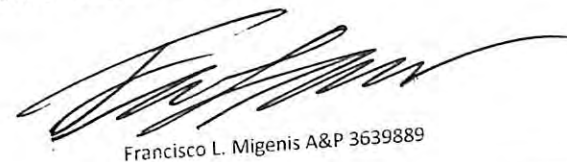

Francisco L. Migenis A&P 3639889

YEAR 20____ 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.)
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N423TA	Tach: 2546.8	DATE: 7/20/2023
Cessna T182T	s/n T18208208	

- Ran engine on ground and brought to operating temperature.
- Drained engine oil, took oil sample, and sent to AvLab for analysis.
- Removed oil filter and cut open to inspect for metal contamination (none found).
- Installed and safety wired new oil filter p/n AA48110.
- Serviced engine with 8 qts Phillips X/C 20W-50.
- Removed turbocharger and wastegate and sent to Approved Turbo Components for overhaul.
- Removed exhaust system and sent to Plane Xhaust Corporation for overhaul.
- Installed overhauled exhaust system on engine (see FAA Forms 8130-3).
- Installed overhauled wastegate p/n LW-12960, s/n GAN00168 and overhauled turbocharger p/n 46C22924, s/n GBL00133 (see FAA forms 8130-3).
- Replaced broken bottom left cowlings shock mount p/n J7444-42.
- Ran engine on ground for operational and leak check, no defects noted.
- Test flew aircraft and engine performance was found to be satisfactory.
- Engine returned to service with respect to the work performed.


Francisco L. Migenis A&P 3639889

YEAR 20 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.)
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Venice Municipal Airport (VNC)

120 West Airport Ave

Venice, FL 34285

N423TA	Tach: 2428.6	DATE: 10/12/2022
Cessna T182T	s/n 18208208	TTAF: 2428.6
Lycoming TIO-540-AK1A	s/n L11396-61A	TTE: 2428.6 SMOH: 673.9
McCauley B2D36C442	s/n J22111	TTP: 2428.6 SPOH: 169.5

- Ran engine on ground and brought to operating temperature. Drained engine oil, collected oil sample, and sent to Avlab.
- Removed oil filter and cut open to inspect for metal contamination (none found).
- Installed and safety wired new oil filter p/n AA48110-1.
- Serviced engine with 8 qts Phillips XC 20W-50 oil.
- Performed compression test on all cylinders and results were as follows: 1) 73/80, 2) 74/80, 3) 72/80, 4) 70/80, 5) 74/80, 6) 73/80.
- Installed new spark plugs p/n URH837E.
- Complied with AD 2015-10-07, Externally Mounted Fuel Injector Fuel Lines, by visual inspection (next due at TTAF 2528.6).
- Test ran engine for operational and leak check.
- Checked all other AD's to current bi-weekly, and all applicable are in compliance at this time.

I certify this engine has been inspected in accordance with an annual inspection per 14 CFR 43, Appendix D with reference to Cessna Maintenance Manual 182SMM rev 21 and is airworthy for return to service at this time.

Francisco L. Migenis 3639889 IA

YEAR 20 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.)
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N423TA	Tach: 2465.6	DATE: 2/9/2023
Cessna T182T	s/n T18208208	

- Drained engine oil.
- Removed oil filter and cut open to inspect for metal contamination (none found).
- Installed and safety wired new oil filter p/n AA48110.
- Serviced engine with 8 qts Phillips X/C 20W-50.
- Removed both magnetos from engine.
- Installed new magnetos p/n 6361, s/n 22070467 (l/h), 22070464 (r/h).
- Ran engine on ground for operational and leak check.
- Engine returned to service with respect to the work performed.

Francisco L. Migenis A&P 3639889



**SARASOTA
AVIONICS
& MAINTENANCE**

- Drained engine oil, collected oil sample, and sent to Avlab.
- Removed oil filter and cut open to inspect for metal contamination (none found).
- Installed and safety wired new oil filter p/n CH48110.
- Serviced engine with 8 qts Phillips X/C 20W-50.
- Ran engine on ground for operational and leak check.
- Engine returned to service with respect to the work performed.


Francisco L. Migenis A&P 3639889



**SARASOTA
AVIONICS
& MAINTENANCE**

- Drained engine oil, collected oil sample, and sent to Avlab.
- Removed oil filter and cut open to inspect for metal contamination (none found).
- Installed and safety wired new oil filter p/n CH48110.
- Serviced engine with 8 qts Phillips X/C 20W-50.
- Ran engine on ground for operational and leak check.
- Engine returned to service with respect to the work performed.

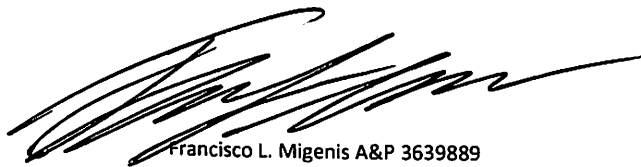

Francisco L. Migenis A&P 3639889

YEAR 20____ 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.)
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N423TA	Tach: 2299.5	DATE: 2/18/2022
Cessna T182T	s/n T18208208	

- Drained engine oil, collected oil sample, and sent to Avlab.
- Removed oil filter and cut open to inspect for metal contamination (none found).
- Installed and safety wired new oil filter p/n CH48110.
- Serviced engine with 8 qts Phillips X/C 20W-50.
- Ran engine on ground for operational and leak check.
- Engine returned to service with respect to the work performed.

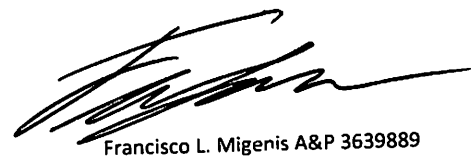

Francisco L. Migenis A&P 3639889

YEAR 20____ 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.)
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N423TA	Tach: 2330.5	DATE: 5/23/2027
Cessna T182T	s/n T18208208	

- Drained engine oil, collected oil sample, and sent to Avlab.
- Removed oil filter and cut open to inspect for metal contamination (none found).
- Installed and safety wired new oil filter p/n CH48110.
- Serviced engine with 8 qts Phillips X/C 20W-50.
- Ran engine on ground for operational and leak check.
- Engine returned to service with respect to the work performed.


Francisco L. Migenis A&P 3639889



Venice Municipal Airport (VNC)

120 West Airport Ave

Venice, FL 34285

N423TA	Tach: 2259.1	DATE: 9/8/2021
Cessna T182T	s/n 18208208	TTAF: 2259.1
Lycoming TIO-540-AK1A	s/n L1139G-61A	TTE: 2259.1 SMOH: 504.4
McCaughey B3D36C442	s/n 022111	TTP: 2259.1 SPOH: 0

- Drained engine oil, collected oil sample, and sent to Avlab.
- Removed oil filter and cut open to inspect for metal contamination (none found).
- Installed and safety wired new oil filter p/n CH48110-1.
- Serviced engine with 8 qts Phillips XC 20W-50 oil.
- Performed compression test on all cylinders and results were as follows: 1) 79/80, 2) 79/80, 3) 79/80, 4) 70/80, 5) 79/80, 6) 79/80.
- Cleaned, gapped, and tested spark plugs.
- Replaced both spark plugs on #2 cylinder with new plugs.
- Cleaned fuel servo inlet screen.
- Cleaned fuel injector nozzles.
- Installed new turbocharger bracket to engine sump bolts.
- Removed magnetos from engine and performed 500 hr inspection.
- Replaced impulse couplings on both magnetos with new units.
- Replaced cam, condenser, and points on r/h magneto. Reassembled magnetos and reinstalled on engine.
- Complied with AD 2015-19-07, Externally Mounted Fuel Injector Fuel Lines, by visual inspection (next due at TTAF 2359.1).
- Test ran engine for operational and leak check.
- Checked all other AD's to current bi-weekly, and all applicable are in compliance at this time.

I certify this engine has been inspected in accordance with an annual inspection per 14 CFR 43, Appendix D with reference to Cessna Maintenance Manual 182SMM rev. 21 and is airworthy for return to service at this time.


Francisco L. Migenis 3639889 IA

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TOTAL
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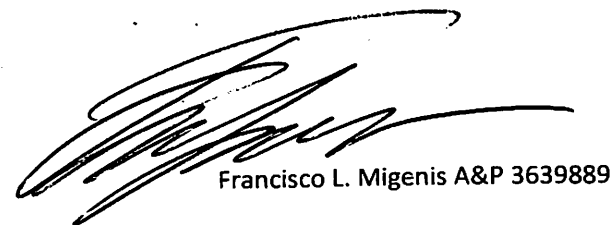
Description of Inspections, Tests, Repairs and Alterations

Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)



N423TA	Tach: 2263.6	DATE: 9/27/2021
Cessna T182T	s/n T18208208	

- Removed primary vacuum pump and replaced with new pump p/n RAP215CC, s/n A76032
- Ran engine on ground for operational and leak check.
- Engine returned to service with respect to the work performed.


Francisco L. Migenis A&P 3639889

YEAR
20
DATE



Venice Municipal Airport (VNC)
120 West Airport Ave
Venice, FL 34285

N423TA Date 12-1-2020 Tach 2195.2

Drained oil, changed filter. Took oil sample for AvLabs. Serviced engine with Phillips XC 20W50. Test run for leak and operational check.



AP2809540

YEAR
20
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)



N423TA

Tach: 2231

DATE: 4/27/2021

Cessna T182T

s/n T18208208

- Drained engine oil, collected oil sample, and sent to Avlab.
- Removed oil filter and cut open to inspect for metal contamination (none found).
- Installed and safety wired new oil filter p/n CH48110.
- Serviced engine with 8 qts Phillips X/C 20W-50.
- Ran engine on ground for operational and leak check.
- Engine returned to service with respect to the work performed.


Francisco L. Migenis A&P 3639889

YEAR 20____ 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.)
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Venice Municipal Airport (VNC)
120 West Airport Ave
Venice, FL 34285

N423TA	Date: 6/18/2020
Cessna T182T	s/n: T18208208
Tach: 2134.3	

Ran engine on ground and brought to operating temperature. Drained engine oil, collected oil sample, and sent to Avlab. Removed oil filter and cut open to inspect for metal contamination (none found). Installed and safety wired new oil filter p/n CH48110-1. Serviced engine with 9 qts Phillips X/C 20W-50. Test ran engine for leak and operational check. Engine returned to service with respect to the work performed above.

Francisco L. Migenis A&P 3639889

YEAR 20____ 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.)
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Venice Municipal Airport (VNC)

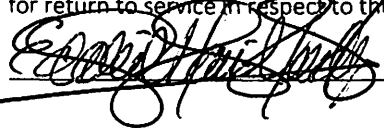
120 West Airport Ave

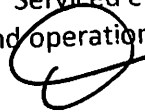
Venice, FL 34285

N423TA	Tach: 2159.6	DATE: 08/6/2020
Cessna T182T	s/n 18208208	TTAF: 2159.6
Lycoming TIO-540-AK1A	s/n L11396-61A	TTE: 2159.6 SMOH: 404.9
McCauley B3D36C442	s/n 022111	TTP: 2159.6 SPOH: 404.9

Drained engine oil, collected oil sample, and sent to Avlab. Removed oil filter and cut open to inspect for metal contamination (none found). Installed and safety wired new oil filter p/n CH48110-1. Serviced engine with 8 qts Phillips XC 20W-50 oil. Performed compression test on all cylinders and results were as follows: 1) 78/80, 2) 78/80, 3) 77/80, 4) 72/80, 5) 77/80, 6) 78/80. Checked magneto timing. Cleaned, gapped, and tested spark plugs. Replaced exhaust gaskets on all six cylinders p/n 77611. Cleaned fuel servo inlet screen. Complied with AD 2015-19-07, Externally Mounted Fuel Injector Fuel Lines, by visual inspection (next due at TTAF 2259.6). Checked all other AD's to current bi-weekly, and all applicable are in compliance at this time. Test ran engine for operational and leak check. I certify this engine has been inspected in accordance with an annual inspection per 14 CFR 43, Appendix D with reference to Cessna Maintenance Manual 182SMM rev. 21 and is airworthy for return to service at this time.

Francisco L. Migenis 3639889 IA

YEAR 20____ 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.)
				    N423TA DATE: 10/16/19 Tach: 2063.0 Model: T182T SN:T18208208 Powerplant • Drained oil • Removed oil filter and inspected. No abnormalities found. Installed PN CH48110. • Serviced with Phillips 20w-50 8 qtrs. • Degreased belly. • Serviced tires nose 49 psi and mains 42psi. • Operational check satisfactory and no leaks found at this time. • Work performed IAW current FAA regulations, and this engine is approved for return to service in respect to the work performed.  Edmar Marin-Mendez AP 3538381

YEAR 20____ 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.)						
				 N423TA Date 2-11-20 Drained oil, changed filter. Took oil sample for Avlabs. Serviced engine with Phillips XC 20W50. Lubed wastegate and checked operation. Test ran for leak and operational check. Venice Municipal Airport (VNC) 120 West Airport Ave Venice, FL 34235 <table border="1" style="margin-left: auto;"> <tr> <td>TACH</td> <td>2098.8</td> </tr> <tr> <td>TTE</td> <td>2098.8</td> </tr> <tr> <td>SMOH</td> <td>344.1</td> </tr> </table>  AP2809540	TACH	2098.8	TTE	2098.8	SMOH	344.1
TACH	2098.8									
TTE	2098.8									
SMOH	344.1									

YEAR 20____ 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.)
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**SARASOTA
AVIONICS**

Venice Municipal Airport (VNC)

120 West Airport Ave

Venice, FL 34285

N423TA	Tach: 2006.8	DATE: 08/19/2019
Cessna T182T	s/n T18208208	TTAF: 2006.8
Lycoming TIO-540-AK1A	s/n L11396-61A	TTE: 2006.8 SMOH: 252.1
McCauley B3D36C442	s/n 022111	TTP: 2006.8 SPOH: 252.1

Test ran engine for leak and operational check. Drained engine oil, collected oil sample, and sent to Avlab. Removed oil filter and cut open to inspect for metal contamination (none found). Checked sump suction screen. Installed and safety wired new oil filter p/n CH48110-1. Serviced engine with 9 qts Phillips XC 20W-50 oil. Performed compression test on all cylinders and results were as follows: 1) 77/80, 2) 72/80, 3) 76/80, 4) 75/80, 5) 78/80, 6) 75/80. Checked magneto timing. Cleaned, gapped, and tested spark plugs. Cleaned fuel injector nozzles. Cleaned fuel servo inlet screen. Complied with AD 2015-19-07, Externally Mounted Fuel Injector Fuel Lines, by visual inspection (next due at TTAF 2106.8). Checked all other AD's to current bi-weekly, and all applicable are in compliance at this time. Test ran engine for operational check. I certify this engine has been inspected in accordance with an annual inspection per 14 CFR 43, Appendix D, and Operations 1,2,3,4, and 5 of Cessna Maintenance Manual 5-12-01 (rev. 20) and is airworthy for return to service at this time.

Francisco L. Migenis 3639889 IA

YEAR 20____ 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.)
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N423TA
Model: T182T

DATE: 09/23/19
SN: T18208208

Tach: 2028.0
Powerplant

- Drained oil
- Removed oil filter and inspected. No abnormalities found. Installed PN CH48110.
- Serviced with Phillips 20w-50.
- Serviced oxygen to 1800 psi.
- Serviced tires nose 49 psi and mains 42psi.
- Operational check satisfactory and no leaks found at this time.
- Work performed IAW current FAA regulations, and this engine is approved for return to service in respect to the work performed.

Edmar Marin-Mendez AP 3538381

YEAR 20 ____ 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.)
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Sarasota Avionics Inc. Venice Airport (VNC)
120 West Airport Ave Venice FL 34285



Date: 5/6/2019 TACH: 1973.4 HOBBS: 2150.5 SMOH: 219

- Completed oil change, serviced with 8 qtrs Philips 20W50, CH48110-1 Champion oil filter. Cut filter, no metal noted.
- Oil sample taken and sent to AvLab.
- Cleaned, gapped and tested Sparkplugs.
- Compression checked 1-79/80, 2-78/80, 3-79/80, 4-76/80, 5-79/80, 6-79/80
- Degreased and ran for leak check.
- This engine is approved for return to service in respect to the work perform.

Chase Linde AP 3504125

YEAR 20 ____ 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.)
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Victor Aviation

Victor Aviation Services, Inc.
P.O. Box 50608
Palo Alto, CA 4303-0608
(650) 354-1399
F.A.A. Certified
Repair Station #BJ3R399L

A/C Reg. # _____ A/C Ser. # _____ W.O. # 17184
Engine Make: Lycoming Engine Model: TIO540AK1A
Serial Number L-11396-61A Eng. T.T. _____ S.M.O.H _____
A/F T.T. _____ Hobbs Time _____ Tach Time _____

TO BE INSERTED IN ENGINE LOG BOOK BY OPERATOR

We have reviewed our overhaul records and have determined that the engine identified above which was overhauled under repair order 17184 dated 12/22/15 is not affected by Lycoming Mandatory Service Bulletin 632B or FAA AD 2017-16-11 by date of manufacture of the connecting rod bushings.
Nothing follows

Inspector: _____

For repair station BJ3R399L Victor Aviation Services, Inc.

8/19/2019

YEAR 20____ 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.)
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Beechcraft



Suncoast Maintenance Center
224 Airport Ave. East
Venice, Fl. 34285
941-484-6546

N423TA TACH 1871.1 DATE 09-19-18

Drained oil, took oil sample for customer. Removed and replaced oil filter with ch48110-1, saftied. Inspected old filter for metal. None found. Serviced Engine with 9 qts of Phillips X/C 20W50 oil. Washed down engine with mineral spirits and water. Ran up and leak checked. Installed cowl panels. Serviced all tires with shop air. Inspected fuel tank lanyards and recrimped attachment end at both tanks. Lance Milko AP 2988662

Lance Milko

YEAR 20____ 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.)
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APG Aviation - Maintenance & Repair
28000 Airport Rd. A-17 Punta Gorda, FL 33982
Tel 941-575-8605 · Fax: 941-575-8734 · qa@avionix.com

11-28-2018 N423TA CESSNA T182T SN T18208208 TACH 1906.2

CHANGED OIL AND FILTER. SERVICED WITH 9qts PHILLIPS XC 20W-50 AND FILTER AA48110-2. CUT AND INSPECT FILTER. AVLAB SAMPLE TAKEN. OPERATIONAL CHECK SATISFACTORY. MAINTENANCE PERFORMED IAW CURRENT FAA REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE.

BRIGIT SWANSON
3831139 AP

Brigit Swanson



APG Aviation - Maintenance & Repair
28000 Airport Rd. A-17 Punta Gorda, FL 33982
Tel. 941-575-8605 · Fax: 941-575-8734 · ga@avionix.com

03-01-2019 N423TA CESSN T182T SN T18208208 TACH 1941.7

CHANGED OIL AND FILTER. SERVICED WITH 9qts PHILLIPS XC 20-W50 AND FILTER AA48110-2. CUT AND INSPECT FILTER. AVLAB SAMPLE TAKEN. OPERATIONAL CHECK SATISFACTORY. MAINTENANCE PERFORMED IAW CURRENT FAA REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE.

GLEN KUS
21466129 AP

Precision Aircraft Services
PO box 60273
San Angelo, Texas 76906

Date: 06-06-18 Tach and total time 1819.0 Hobbs 1969.3 N423TA

Compression Check: #1-7/6/80, #2-7/5/80, #3-7/4/80, #4-7/4/80, #5-7/4/80, #6-7/6/80
Change oil and Filter, Phillips XC 20W-50, CH48110-1. Washed down engine and run up leak checked good,
cut open old filter and found no metal contamination. Cleaned and gapped all spark plugs. . Checked mag
timing checked good. Inspected exhaust system and muffler, checked good. C/W AD 2015-19-07 by inspection
of all fuel injection lines. Replace missing rocker box cover screws. Cleaned and inspect air filter. Replaced bad
Alternator noise suppressor with new 63897-006. Cleaned all fuel injector nozzles.

I certify that this engine has been inspected in accordance with a 100hr/annual inspection and was determined to
be in airworthy condition.

Frank E. Hinds
AP2042285 IA



AIR ORLANDO MAINTENANCE, INC.

Date: 08/08/2018

N423TA

Make: Lycoming Model: TIO-540-AK1A S/N: L-11396-61A

Hobbs: 1983.7 Tach: 1832.5 ETSO: 77.8

Complied with an Annual Inspection IAW FAR, PART 43 Appx D. and Air Orlando
Maintenance Checklist. Checked ADs for compliance thru bi-weekly 2018-15.
Drained oil. Removed, cut open and inspected oil filter with no contaminants found.
Removed, inspected, cleaned and re-installed sump screen, with no contaminants
found. Installed new oil filter and serviced engine with Phillips XC 20W50.
Performed engine cylinder compression check: #1 78/80, #2 78/80, #3 78/80, #4
78/80, #5 78/80, #6 78/80. Complied with AD2015-09-07, fuel injector line inspector
with no defects found, next due @ 1942.5 hrs. Checked magneto to engine timing.
Adjusted magneto timing as required to engine data-plate specs. Disassembled,
cleaned and inspected fuel servo inlet screen with no contaminants found. Cleaned,
inspected and checked gap on all spark plugs, reinstalled with new gaskets, P/N
M674. Adjusted mixture/lean and idle settings. Removed, cleaned and inspected all
fuel nozzles. Reinstalled with new o-rings. R&R number 2 cylinder exhaust gasket,
P/N 77611.

END

I certify that this engine has been inspected in accordance with
an Annual inspection per FAR, PART 43, appendix D and has
been approved for return to service.

Brett Hall AP35684661A

B/H

YEAR
20
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 Dispatcher (Last, First, Middle Initial)
(ties.)

YEAR
20
DATECutter Aviation Dallas, Inc.
4500 Claire Chennault Dr.
Addison, TX 75001

Cessna

Registration: N423TA
Model No. 182T
Serial No. T18208208**Engine Log Entry**
PN TIO-540-AK1A SN L11396-61AHour Meter 1938.4
Tach Time 17905.0

Drained oil and removed filter, inspected filter for contaminants with none noted. Installed new filter PN CH48110-1 and serviced engine with 8qts Phillips 20W50 in accordance with Cessna 182T MM 12-14-02. Performed engine run with no defects or leaks noted.

Adjusted engine idle mixture to proper limits in accordance with Lycoming maintenance manual. No defects noted. Performed inspection of engine baffles and no defects noted.

The aircraft/component identified above was maintained or altered in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. All disrupted systems were restored and functionally tested in accordance with mfg's instructions. Pertinent details of the repair are on file at this repair station under Work Order: 06M-4432

Date: December, 7 2016

CRS# UXCR663X


Robert Fulcher

YEAR

RECORDING

TODAY'S

TOTAL

Description of Inspections, Tests, Repairs and Alterations

Cutter Aviation Dallas, Inc.
4500 Claire Chennault Dr.
Addison, TX 75001

Cessna

Registration: N423TA
Model No. 182T
Serial No. T18208208**Engine Log Entry**
PN TIO-540-AK1A SN L11396-61AHour Meter 1946.0
Tach Time 1797.8
Engine TT 1797.8

Performed a 100 hour inspection in accordance with Operation 1.2.3.4.5 inspections in accordance with Cessna Maintenance Manual 05-12-01 Rev 18.

Compression shows #1 75/80, #2 78/80, #3 76/80, #4 78/80, #5 76/80, #6 79/80. These compressions before engine overhaul.

Drained engine oil, removed filter and inspected for contaminants. No contaminants found. Installed new oil filter PN CH48110-1 and serviced with 9 quarts Phillips 20W50 X/C. Performed engine operational check with no defects noted.

Removed upper vacuum pump PN 215CC SN 64339 and replaced with overhauled pump SN OBYR07 in accordance with MM 36-10. Operational check good.

Removed lower vacuum pump PN 215CC SN 71618 and replaced with overhauled pump SN R10932 in accordance with MM 36-10. Operational check good.

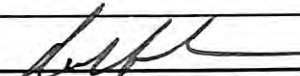
I certify this engine has been inspected in accordance with a 100 hour inspection and has been determined to be in airworthy condition.

The aircraft/component identified above was maintained or altered in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. All disrupted systems were restored and functionally tested in accordance with mfg's instructions. Pertinent details of the repair are on file at this repair station under Work Order: 06M-4533

Date:

April, 3 2017

CRS# UXCR663X


Robert Fulcher

YEAR 20 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.)
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VICTOR AVIATION SERVICES, INC.
P.O. BOX 50608
PALO ALTO, CA 94303-0608
(650) 856-7616

F.A.A. CERTIFIED
REPAIR STATION #B3R399L

A/C Reg. # N423TA A/C Ser. # T18208208 W.O. # 17184
Engine Make LYCOMING Model TIO540AK1A
Serial # L-11396-61A Eng. T.T. 1754.7 S.M.O.H. "0"
A/F T.T. 1754.7 Hobbs Time _____ Tach Time _____

1. Performed engine major overhaul using new crankshaft (S/N V537669925) new camshaft & new cylinders in accordance with the current overhaul manual for this model.
2. Overhaul included the following accessories. Magnetos, ignition harness, fuel pump, fuel injection system, turbocharger, controller, relief valve, wastegate and starter.

3. The engine identified above has been inspected and repaired in accordance with current Federal Air Regulations and has been determined to be in airworthy condition for the work performed. Pertinent details of the repair are on file at this agency under work order number 17184 dated 12/09/2015.
4. Engine was test run satisfactorily upon completion of above work.
5. See rear of log for AD Listing.
6. Engine was not installed by this agency.
7. Nothing follows.

Inspector

[Signature] Date 2/12/16
For repair station of Victor Aviation Services, Inc.

YEAR 20 DATE	RECORDING TACH	TODAY'S FLIGHT	TOTAL TIME IN	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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>> CUTTER >> Leading the Business of Aviation		Cutter Aviation Dallas, Inc. 4500 Claire Chennault Dr. Addison, TX 75001		Cessna	
Registration:	N423TA	Engine Log Entry PN TIO-540-AK1A SN L11396-61A		Hour Meter	1899.6
Model No.	182T			Tach Time	1754.7
Serial No.	T18208208			Engine TT	1754.7
Performed a 100 hour inspection in accordance with Operation 1.2.3.4.5 inspections in accordance with Cessna Maintenance Manual 05-12-01 Rev 18. Compression shows #1 74/80, #2 73/80, #3 74/80, #4 79/80, #5 72/80, #6 70/80. These compressions before engine overhaul. Installed overhauled engine from Victor Aviation PN TIO-AK1A SN L-11396-61A in accordance with MM 71-00-01. Overhauled items include magnetos, ignition harness, fuel pump, fuel injection system, turbocharger, controller, relief valve, wastegate and starter. Installed new engine lord mount kit PN J-23668-1 and torque as specified. Installed new gasket at oil drain with new PN 06E19769-1.00. Replaced (3qty) o-rings on fuel lines with new PN MS28778-3. Installed new V-band coupling on exhaust with new PN NH1008896-10. Serviced engine with 12 qts Phillips 20W50. Performed engine operation checks with no defects or leaks noted. Verified AD 2015-19-07 has been complied with by overhaul facility. Next due at Tach 1854.7. Removed and replaced hoses in engine compartment with new hose kit PN T182T. Secured hoses as required. Performed engine operational check with no leaks noted. Removed propeller governor PN DC290D1F/T8 SN 03-0114 and sent to vendor for overhaul. Received overhauled governor PN DC290D1F/T8 SN 03-0114 and installed on engine, with new gasket supplied by vendor in accordance with 61-20-2 A&B. Operational check good. No defects noted. I certify this engine has been inspected in accordance with a 100 hour inspection and has been determined to be in airworthy condition. The aircraft/component identified above was maintained or altered in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. All disrupted systems were restored and functionally tested in accordance with mfg's instructions. Pertinent details of the repair are on file at this repair station under Work Order: 06M-4079					
Date:	March, 4 2016	CRS# UXCR663X	<i>[Signature]</i> Robert Fulcher		

YEAR 20 ____ 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.)
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IMPORTANT

**Oil Cooler, Oil Hoses and all other oil related accessories must be
certified prior to installation of this engine or
Victor Aviation warranty may be voided.**

CAUTION

**USE ONLY ASHLESS DISPERSANT (DETERGENT) OIL IN THIS ENGINE
PER LYCOMING S.I. 1014M.
DO NOT USE SEMI-SYNTHETIC OILS
DURING THE BREAKIN PERIOD.**

**Victor Aviation Services Inc.
FAA Certified Repair Station #BJ3R399L**

Engine Record General Information

Manufacturer Lycoming Model T10540 AK1A

Serial L-11396-61A Type Certificate _____

This engine is currently installed in aircraft: _____

Minimum Octane Fuel _____ Oil Grade Summer _____ Winter _____

Magneto Time _____ Point Setting _____ Firing Order _____

Spark Plug Gap _____

Manufacturer's Recommended Overhaul at _____ hours



A Textron Company

ENGINE MAINTENANCE RECORD

Closed

①

AIRCRAFT SERIAL AND REGISTRATION T18208208 N423TA

ENGINE MODEL AND SERIAL TIO-540-AK1A L-11396-61A

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
			 Van Bortel Aircraft Inc. 4912 S. Collins St., Arlington, TX 76018 FAA CRS VNFR171L N423TA TACH 1593.5 H.M. 1730.7 DATE 1/31/2014 W.O. SV3460 ENGINE S/N: L-11396-61A REMOVED FUEL PUMP P/N: RG17980U/M S/N: C5633 DUE TO LEAKAGE FROM DRIVE SHAFT SEAL. PUMP OVERHAULED BY QUALITY AIRCRAFT ACCESSORIES ON WO# 1170012546. REINSTALLED PUMP PER LYCOMING SI 1484C. REMOVED RIGHT MAGNETO AND REPLACED BREAKER POINTS P/N: M3081. MAGNETO REINSTALLED AND TIMED TO ENGINE. OIL AND FILTER CHANGED. COMPLIED WITH SB 480E OIL, OIL FILTER AND SUCTION SCREEN INSPECTION. SERVICED WITH PHILLIPS 20W50 AND CH48110-1. ENGINE OPERATION SATISFACTORY ON GROUND RUN. THE AIRCRAFT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE WITH RESPECT TO THE WORK ABOVE. PERTINENT DETAILS OF THE REPAIRS ARE ON FILE AT THIS REPAIR STATION UNDER THIS WORK ORDER. <i>Paul Park</i> PAUL PARK, CHIEF INSPECTOR	
10/9/14	1651.6		Oil change - 8qt Phillip Aero Shell X/20/50 Installed new Tompest 110 Oil Filter	<i>Tom Hogue</i> 3285417 A-P

DATE	 Leading the Business of Aviation		Cutter Aviation Dallas, Inc. 4500 Claire Chennault Dr. Addison, TX 75001		Cessna		AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	Registration:	Model No.	Serial No.	Hour Meter	Airframe TT	Engine TT	
	N423TA	182T	T18208208		1899.6	1754.7	
	Engine Log Entry PN TIO-540-AK1A SN L-11396-61A				1754.7		
	Removed engine PN TIO-540-AK1A SN L-11396-61A in accordance with Cessna Maintenance Manual 71-00-01 2A. Sent to vendor for overhaul.						
	The aircraft/component identified above was maintained or altered in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. All disrupted systems were restored and functionally tested in accordance with mfg's instructions. Pertinent details of the repair are on file at this repair station under Work Order: 06M-4079						
	Date: December, 23 2015		CRS# UXCR663X		<i>Robert Fulcher</i> Robert Fulcher		
	END OF Engine Log Book						
	See next Book for overhaul. <i>[Signature]</i> 03-03-2016.						
	1406463X						

DATE



Cessna

N423TA

Van Bortel Aircraft Inc.

4912 S. Collins St., Arlington, TX 76018

FAA CRS VNFR171L

TACH & TOTAL 1492.3 H.M. 1624.0 DATE 7/11/2012 W.O. SV2828

ENGINE S/N: L-11396-61A

PERFORMED A 100 HOUR INSPECTION IN ACCORDANCE WITH FAR 43 WITH REFERENCE TO CESSNA MAINTENANCE MANUAL 182SMM17. OIL NOT CHANGED AT THIS TIME. REMOVED OIL FILTER AND OPENED FOR INSPECTION, NO DISCREPANCIES NOTED. INSTALLED NEW CH48110-1 FILTER. REPLACED ALL SPARK PLUGS P/N: URHB37E. COMPLETED A 500 HOUR INSPECTION ON BOTH MAGNETOS P/N: 6361 S/N'S: 03021723, 03021728 IN ACCORDANCE WITH SLICK MANUAL L1363F. REPLACED BREAKER POINTS P/N: M3081 AND CARBON BRUSHES P/N: K3215-25. REINSTALLED AND TIMED MAGNETOS TO ENGINE. COMPRESSION TEST: #1 74 #2 74 #3 76 #4 74 #5 73 #6 76/80. COMPLIED WITH AD 2011-26-04 FUEL INJECTION LINE INSPECTION PER SB 342F, NEXT INSPECTION DUE AT TACH 1592.3, ENGINE OVERHAUL OR LOOSENING OF CLAMPS. AD 2011-13-03 TURBOCHARGER HOUSING INSPECTION DOES NOT APPLY BY TIME IN SERVICE (MORE THAN 50 HOURS). NOTE: AD 2006-20-09 CRANKSHAFT RETIREMENT DUE BY 5/2015. AD'S CHECKED THROUGH 2012-14.

I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR/ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. PERTINENT DETAILS OF THE REPAIRS ARE ON FILE AT THIS REPAIR STATION UNDER THIS WORK ORDER.

PAUL PARK, CHIEF INSPECTOR

SIGNATURE,
TYPE
BER

10/24/12	TT 1509.7	Changed oil / Filter, inspected engine for leaks, qats XC / 20/50 motor oil / over open 21/200 oil / inspected for metal - OK.	Term Regular 3283417

DATE



Cessna

N423TA

Van Bortel Aircraft Inc.

4912 S. Collins St., Arlington, TX 76018

FAA CRS VNFR171L

TACH & TOTAL 1567.7 H.M. 1703.3 DATE 9/16/2013 W.O. SV3304

ENGINE S/N: L-11396-61A

PERFORMED A 100 HOUR INSPECTION IN ACCORDANCE WITH FAR 43 WITH REFERENCE TO CESSNA MAINTENANCE MANUAL 182SMM18. OIL AND FILTER CHANGED. COMPLIED WITH SB 480E OIL, OIL FILTER AND SUCTION SCREEN INSPECTION. SERVICED WITH PHILLIPS 20W50 AND CH48110-1. SPARK PLUGS CLEANED AND TESTED. MAGNETO TO ENGINE TIMING CHECKED. COMPRESSION TEST: #1 75 #2 74 #3 77 #4 78 #5 75 #6 76/80. COMPLIED WITH AD 2011-26-04 FUEL INJECTION LINE INSPECTION PER SB 342G, NEXT INSPECTION DUE AT TACH 1667.7, ENGINE OVERHAUL OR LOOSENING OF CLAMPS. NOTE: AD 2012-19-01 CRANKSHAFT RETIREMENT DUE BY 5/2015. AD'S CHECKED THROUGH 2013-17.

I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR/ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. PERTINENT DETAILS OF THE REPAIRS ARE ON FILE AT THIS REPAIR STATION UNDER THIS WORK ORDER.

PAUL PARK, CHIEF INSPECTOR

SIGNATURE,
TYPE
BER

MAINTENANCE RECORD

DATE: 4/05/2011; Aircraft: N423TA; Type: CESSNA; S/N: T18208208;
Tach: 1386.9; Total Time: 1386.9; Engine - Type: Lyc. TIO-540-AK1A,
S/N: L-11396-61A, Time: 1386.9; Prop - Type: B3D36C442, S/N: 022111,
Time: 1386.9

Changed oil and filter. Collected oil analysis sample. Cut and inspected oil
filter. Nothing abnormal found. Serviced with 9 qts. Phillips X/C 20W50
and one bottle of Lycoming oil additive #LW-16702. Ground run leak
check OK.

Aero Clinic, Inc.
PO Box 1626
Seminole, Tx. 79360
(432) 758-6455

Gregory Langham
A&P458476877

Gregory Langham

Lubbock Aero
6304 N. Cedar Ave.
Lubbock, TX 79413

N#: 423TA Make: Cessna S/N: T18208208
Date: 05-18-2011 Model: T182T Tach: 1395.7

Performed ground run. Removed cowling as required.
Drained oil, removed filter, inspected filter media, Installed a
new filter P/N CH48110-1, and serviced engine with 9 quarts
Phillips 20W50XC oil. Washed engine, re-installed cowling,
ground run ops and leak check ok.

Chad R. Burns
Chad R. Burns AP2829180

AUTHORIZED SIGNATURE,
CERTIFICATE TYPE
& NUMBER



Van Bortel Aircraft Inc.

4912 S. Collins St., Arlington, TX 76018

FAA CRS VNFR171L

N423TA TACH 1408.1 DATE 7/5/2011 W.O. SV2464

ENGINE S/N: L-11396-61A

REPLACED ALL SIX INTAKE TUBE GASKETS P/N: 71973 AND HOSES P/N: 69603. ADJUSTED IDLE MIXTURE.

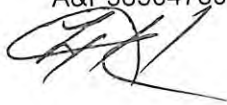
THE AIRCRAFT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL
AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE WITH RESPECT TO THE WORK ABOVE. PERTINENT DETAILS OF THE
REPAIRS ARE ON FILE AT THIS REPAIR STATION UNDER THIS WORK ORDER.

Paul Park
PAUL PARK, CHIEF INSPECTOR

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DATE	T.T.	DESCRIPTION
11/8/2011	1453.9	Changed engine oil and filter - X/C-20-50 Phillips oil CUT filter and Tom L Hogue A&P 3285417 Inspected - OK.
5/1/2012	TT 1483.3	Changed engine oil and filter X/C/20/50 Phillips CUT open oil filter inspected found OK. Tom Hogue AP 3285417
5/7/2012	1483.3	Inspection in accordance with S.B. NO 599 SEL-73-01 Fuel pump Inspection this aircraft is not affected by Brand of Fuel pump Pump is Lear-Romee. Tom Hogue, A.P. 3285417

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
			Date: 3/02/2010; Aircraft: N423TA; Type: CESSNA; S/N: T18208208; Tach: 1283.5; Total Time: 1283.5; Engine - Type: Lyc. TIO-540-AK1A, S/N: L-11396-61A, Time: 1283.5; Prop - Type: B3D36C442, S/N: 022111, Time: 1283.5 Changed oil and filter. Collected oil analysis sample. Cut and inspected oil filter. Nothing abnormal found. Serviced with 9 qts. Phillips X/C 20W50 and one bottle of Lycoming oil additive #LW-16702. Ground run leak check OK. AERO CLINIC INC. P.O. BOX 1626 SEMINOLE TEXAS 79360 (432) 758-6455	
			LEX HINDS A&P585047896 	



Van Bortel Aircraft Inc.

4912 S. Collins St., Arlington, TX 76018

FAA CRS VNFR171L

N423TA

TACH & TOTAL 1326.7

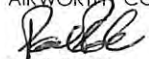
DATE 8/27/2010

W.O. SV2188

ENGINE S/N: L-11396-61A

PERFORMED A 100 HOUR INSPECTION IN ACCORDANCE WITH FAR 43 WITH REFERENCE TO CESSNA MAINTENANCE MANUAL 182SMM16. OIL AND FILTER CHANGED. COMPLIED WITH SB 480E OIL, OIL FILTER AND SUCTION SCREEN INSPECTION. SERVICED WITH PHILLIPS 20W50 AND CH48110-1. SPARK PLUGS CLEANED AND TESTED. MAGNETO TO ENGINE TIMING CHECKED. COMPRESSION TEST: #1 77 #2 74 #3 77 #4 75 #5 76 #6 77/80. REPLACED ALL ROCKER COVER GASKETS WITH P/N: RG-75906. COMPLIED WITH AD 2008-14-07 FUEL INJECTION LINE INSPECTION PER SB 342E. INSPECTION NEXT DUE TACH 1426.7, ENG. OVHL. OR LOOSENING OF CLAMPS. AD'S CHECKED THROUGH 2010-17.

I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR/ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. PERTINENT DETAILS OF THE REPAIRS ARE ON FILE AT THIS REPAIR STATION UNDER THIS WORK ORDER.


PAUL PARK
CHIEF INSEPECTOR

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MAINTENANCE RECORD

DATE



Van Bortel Aircraft Inc.

4912 S. Collins St., Arlington, TX 76018

FAA CRS# VNFR171L

N423TA SN T18208208 Tach 1272.7 DATE 02/18/2010 WO# AV6043

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NUMBER

Removed KX-155A Nav/Com Transceiver PN 069-01032-0101 SN 26251. Installed an exchange KX-155A Nav/Com Transceiver PN 069-01032-0101 SN 22756. Adjusted VSI needle as required for 0 ft reading. Adjusted Roll Null and HDG/CRS centering to KAP-140 Autopilot system. Systems checked in accordance with manufacturer's specifications. Replaced Right main tire with PN606C61B1

THE AIRCRAFT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE WITH RESPECT TO THE WORK ABOVE. PERTINENT DETAILS OF THE REPAIRS ARE ON FILE AT THIS REPAIR STATION UNDER THIS WORK ORDER.

Gary S. Conover
Inspector

Tumbleweed Aero Services
806-897-9740

N423TA

DATE TOTAL
IN SEF

HOURS

10/17/2007 Tach and total time 913.3
Changed Oil and Filter, Refilled with 9 quarts Phillips XC 20W50 Oil, Lycoming oil additive LW16702 and CH48110-1 Filter.
Note: Tightened leaking valve cover on number 5 cylinder.
Test ran and checked for leaks, none found. Approved for return to service by:

Richard Elmore A&P 3194284

AUTHORIZED SIGNATURE,
CERTIFICATE TYPE
& NUMBER

DATE

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Van Bortel Aircraft Inc.

4912 S. Collins St., Arlington, TX 76018

FAA CRS VNFR171L

N423TA TACH & TOTAL 1180.0 DATE 8/3/2009 W.O. SV1885

ENGINE S/N: L-11396-61A

PERFORMED A 100 HOUR INSPECTION IN ACCORDANCE WITH FAR 43 WITH REFERENCE TO CESSNA MAINTENANCE MANUAL 182SMM16. OIL NOT CHANGED AT THIS TIME. SPARK PLUGS CLEANED AND TESTED. MAGNETO TO ENGINE TIMING CHECKED. COMPRESSION TEST: #1 76 #2 75 #3 76 #4 76 #5 76 #6 76/80. COMPLIED WITH AD 2008-14-07 FUEL INJECTION LINE INSPECTION PER SB 342E. INSPECTION NEXT DUE TACH 1280.0. ENG. OVHL. OR LOOSENING OF CLAMPS. AD'S CHECKED THROUGH 2009-15.

I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR/ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. PERTINENT DETAILS OF THE REPAIRS ARE ON FILE AT THIS REPAIR STATION UNDER THIS WORK ORDER.

PAUL PARK
CHIEF INSPECTOR

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DATE



Van Bortel Aircraft Inc.

4912 S. Collins St., Arlington, TX 76018

FAA CRS VNFR171L

N423TA TACH 1212.1 DATE 10/1/2009 W.O. SV1930

REMOVED UPPER VACUUM PUMP P/N: AA215CC S/N: N18420. INSTALLED OVERHAULED PUMP P/N: 215CC S/N: 64339. TESTED ALTERNATOR SYSTEM WITH LAMAR TEST BOX TE04 AND FOUND NO FAULTS. THE AIRCRAFT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE WITH RESPECT TO THE WORK ABOVE. PERTINENT DETAILS OF THE REPAIRS ARE ON FILE AT THIS REPAIR STATION UNDER THIS WORK ORDER.

PAUL PARK
CHIEF INSPECTOR

SIGNATURE,
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& NUMBER



Van Bortel Aircraft Inc.

4912 S. Collins St., Arlington, TX 76018

FAA CRS VNFR171L

N423TA TACH 1272.7 DATE 2/18/2010 W.O. SV2031

REMOVED BATTERY P/N: G-243S S/N: G02422818. INSTALLED NEW BATTERY P/N: G-243S S/N: G02475969.

THE AIRCRAFT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE WITH RESPECT TO THE WORK ABOVE. PERTINENT DETAILS OF THE REPAIRS ARE ON FILE AT THIS REPAIR STATION UNDER THIS WORK ORDER.

PAUL PARK
CHIEF INSPECTOR

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
			Date: 4/23/2009; Aircraft: N423TA; Type: CESSNA; S/N: T18208208; Tach: 1148.0; Total Time: 1148.0; Engine - Type: Lyc. TIO-540-AK1A, S/N: L-11396-61A, Time: 1148.0; Prop - Type: B3D36C442, S/N: 022111, Time: 1148.0 Changed oil and filter. Collected oil analysis sample. Cut and inspected oil filter. Nothing abnormal found. Serviced with 9 qts. Phillips X/C 20W50 and one bottle of Lycoming oil additive #LW-16702. Ground run leak check OK. Aero Clinic, Inc. Lex A. Hinds PO Box 1626 A&P585047896 Seminole, Tx. 79360 (432) 758-6455	



Van Bortel Aircraft Inc.

4900 S. Collins St., Arlington, TX 76018

FAA CRS VNFR171L

N423TA TACH 1155.6 DATE 5/7/2009 W.O. SV1809

ENGINE S/N: L-11396-61A

REPLACED ALL SPARK PLUGS WITH NEW RHB37E.

THE AIRCRAFT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE WITH RESPECT TO THE WORK ABOVE. PERTINENT DETAILS OF THE REPAIRS ARE ON FILE AT THIS REPAIR STATION UNDER THIS WORK ORDER.

PAUL PARK
CHIEF INSPECTOR

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			TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED Lubbock, TX 79413 6304 N. Cedar Ave. Lubbock, TX 79413	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
DATE	HOURS		10THS			
				N#: 432TA Make: Cessna S/N: T18208208 Date: 03-20-2009 Model: T182T Tach: 1124.4		
				Performed ground run. Removed cowling as required.		
				Drained oil, removed filter, inspected filter media, Installed a new filter P/N CH48110-1, and serviced engine with 8 quarts Phillips 20W50XC oil. Washed engine, re-installed cowling,		
				ground run ops and leak check ok.		
				<u>Eli Wallace</u> Eli Wallace AP3295046		

Make: Cessna

S/N: T18208208

Date: 03-20-2009

Model: T182T

Tach: 1124.4

Performed ground run. Removed cowling as required. Drained oil, removed filter, inspected filter media, installed a new filter P/N CH48110-1, and serviced engine with 8 quarts Phillips 20W50XC oil. Washed engine, re-installed cowling, ground run ops and leak check ok.

Eli Wallace
Eli Wallace AP3295046

MAINTENANCE RECORD



Van Bortel Aircraft Inc.

4912 S. Collins St., Arlington, TX 76018

FAA CRS VNFR171L

N423TA TACH & TOTAL 1002.5 H.M. 1086.9 DATE 7/30/2008 W.O. SV1584

ENGINE S/N: L-11396-61A

PERFORMED A 100 HOUR INSPECTION IN ACCORDANCE WITH FAR 43 WITH REFERENCE TO CESSNA MAINTENANCE MANUAL 182SMM15. OIL AND FILTER CHANGED. COMPLIED WITH SB 480E OIL. OIL FILTER AND SUCTION SCREEN INSPECTION. SERVICED WITH PHILLIPS 20W50 AND CH48110-1. SPARK PLUGS CLEANED AND TESTED. COMPLETED A 500 HOUR INSPECTION ON BOTH MAGNETOS S/N: 03021723. 03021728. REINSTALLED AND TIMED MAGNETOS TO ENGINE. REPLACED #3 & #6 INTAKE GASKETS P/N: SL71973. COMPLIED WITH AD 2008-14-07 FUEL INJECTION LINE INSPECTION. INSPECTION NEXT DUE TACH 1102.5, ENGINE OVHL OR FUEL LINE CLAMP LOOSENING. AD'S CHECKED THROUGH 2008-15. COMPRESSION TEST: #1 75 #2 73 #3 74 #4 74 #5 74 #6 76/80.

I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR/ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. PERTINENT DETAILS OF THE REPAIRS ARE ON FILE AT THIS REPAIR STATION UNDER THIS WORK ORDER.

Paul Park
PAUL PARK
CHIEF INSPECTOR

SIGNATURE,
TYPE
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01/27/08	1036.1	Drain oil, replace oil filter per CH48110-1, service engine with Phillips 20W50XC. washed and ran engine no leaks noted.	
8 QTS	Phillips	<i>Chad R. H.</i> APR 25 2009	



Van Bortel Aircraft Inc.

4912 S. Collins St., Arlington, TX 76018

FAA CRS VNFR171L

N423TA TACH 1102.6 DATE 1/14/2009 W.O. SV1736

ENGINE S/N: L-11396-61A

OIL AND FILTER CHANGED. COMPLIED WITH SB 480E OIL. OIL FILTER AND SUCTION SCREEN INSPECTION. SERVICED WITH PHILLIPS 20W50 AND CH48110-1. COMPLIED WITH PRECISION SB PRS-107 REV. 4 PARAGRAPH G, REPLACEMENT OF FUEL INJECTOR SERVO HEX PLUG GASKET WITH P/N: 2577258. AD 2008-08-14 DOES NOT APPLY BY GASKET P/N.

THE AIRCRAFT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE WITH RESPECT TO THE WORK ABOVE. PERTINENT DETAILS OF THE REPAIRS ARE ON FILE AT THIS REPAIR STATION UNDER THIS WORK ORDER.

Paul Park
PAUL PARK
CHIEF INSPECTOR

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MAINTENANCE RECORD

Date: 8/10/2007; Aircraft: N423TA; Type: CESSNA; S/N: T18208208;
 Total Time: 877.1; Engine - Type: Lyc. TIO-540-AK1A, S/N: L-11396-61A,
 Time: 877.1; Prop - Type: B3D36C442, S/N: 022111, Time: 877.1
 Changed oil and filter. Collected oil analysis sample. Cut and inspected oil
 filter. Nothing abnormal found. Serviced with 8 qts. Phillips X/C 20W50
 and one bottle of Lycoming oil additive #LW-16702. Ground run leak
 check OK.

Aero Clinic, Inc.
 PO Box 1626
 Seminole, Tx. 79360
 (432) 758-6455

Gregory Langham
 A&P458476877

Gregory Langham

AUTHORIZED SIGNATURE,
 CERTIFICATE TYPE
 & NUMBER



Van Bortel Aircraft Inc.

4912 S. Collins St., Arlington, TX 76018

FAA CRS VNFR171L

N423TA TACH & TOTAL 885.2 DATE 9/6/07 W.O. SV1332

ENGINE S/N: L-11396-61A

PERFORMED A 100 HOUR INSPECTION IN ACCORDANCE WITH FAR 43 WITH REFERENCE TO CESSNA MAINTENANCE MANUAL 182SMM13. OIL
 NOT CHANGED AT THIS TIME. REPLACED ALL SPARK PLUGS WITH NEW URHB37E. MAGNETO TO ENGINE TIMING CHECKED. COMPLIED WITH
 AD 2002-26-01 FUEL INJECTION LINE INSPECTION. INSPECTION NEXT DUE 9/08, TACH 985.2 OR ANY FUEL LINE MAINTENANCE. AD'S CHECKED
 THROUGH 2007-17. COMPRESSION TEST: #1 70 #2 70 #3 76 #4 73 #5 72 #6 72/80.

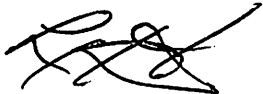
I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR/ANNUAL INSPECTION AND WAS DETERMINED TO BE IN
 AIRWORTHY CONDITION. PERTINENT DETAILS OF THE REPAIRS ARE ON FILE AT THIS REPAIR STATION UNDER THIS WORK ORDER.

Paul Park

PAUL PARK
 CHIEF INSPECTOR

SIGNATURE,
 TYPE

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
Date: 5/18/2006; Aircraft: N423TA; Type: CESSNA; S/N: T18208208; Total Time: 744.7; Engine - Type: Lyc. TIO-540-AK1A, S/N: L-11396-61A, Time: 744.7 Changed Oil and Filter serviced with Phillips 20w-50w Inspected filter, Oil analysis take. Ran Engine and checked for leak's . AERO CLINIC INC. LEX HINDS P.O.BOX 1626 A&P585047896 SEMINOLE TEXAS 79360 (432) 758-6455 				
LUBBOCK AERO 6304 N. Cedar Ave. LUBBOCK, TX 79403 806-747-5101				
N#: 423TA Make: Cessna S/N: T18208208 Date: 03-06-2007 Model: T182T Tach: 776.3 Drained oil, changed filter p/n CH48110-1, serviced with 9 quarts Phillips 20W50 XC. Washed engine and ran, no leaks noted.				

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
03/22/07	4066.3	809.7	Drained oil, replaced filter p/n CH48110-1 and serviced with 9 quarts Phillips 20W50 XC. Washed engine and ran, no leaks noted.	Chad R. Burns AP2829180
Date: 5/29/2007; Aircraft: N423TA; Type: CESSNA; S/N: T18208208; Total Time: 843.2; Engine - Type: Lyc. TIO-540-AK1A, S/N: L-11396-61A, Time: 843.2 Changed oil and filter. Collected oil analysis sample. Cut and inspected oil filter. Nothing abnormal found. Serviced with 9 qts. Phillips X/C 20W50 and one bottle of Lycoming oil additive #LW-16702. Ground run leak check OK.				
Aero Clinic, Inc. Lex A. Hinds PO Box 1626 A&P585047896 Seminole, Tx. 79360 (432) 758-6455				

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
			Date: 10/05/2006; Aircraft: N423TA; Type: CESSNA; S/N: T18208208; Tach: 628.6; Total Time: 628.6; Engine - Type: Lyc. TIO-540-AK1A, S/N: L-11396-61A, Time: 628.6; Prop - Type: B3D36C442, S/N: 022111, Time: 628.6	
			Changed oil and filter. Collected oil analysis sample. Cut and inspected oil filter. Nothing abnormal found. Serviced with 9 qts. Phillips X/C 20W50 and one bottle of Lycoming oil additive #LW-16702. Ground run leak check OK.	
			Aero Clinic, Inc. Gregory Langham PO Box 1626 A&P458476877 Seminole, Tx. 79360 (432) 758-6455	

DATE Date: 10/31/2006; Aircraft: N423TA; Type: CESSNA; S/N: T18208208;
Tach: 667.6; Total Time: 667.6; Engine - Type: Lyc. TIO-540-AK1A, S/N:
L-11396-61A, Time: 667.6; Prop - Type: B3D36C442, S/N: 022111
Changed oil and filter. Collected oil analysis sample. Cut and inspected oil
filter. Nothing abnormal found. Serviced with 9 qts. Phillips X/C 20W50
and one bottle of Lycoming oil additive #LW-16702. Ground run leak
check OK.

Aero Clinic, Inc. Gregory Langham
PO Box 1626 A&P458476877
Seminole, Tx. 79360
(432) 758-6455

Date: 11/16/2006; Aircraft: N423TA; Type: CESSNA; S/N: T18208208;
Tach: 707.6; Total Time: 707.6; Engine - Type: Lyc. TIO-540-AK1A, S/N:
L-11396-61A, Time: 707.6
Changed oil and filter. Collected oil analysis sample. Cut and inspected oil
filter. Nothing abnormal found. Serviced with 9 qts. Phillips X/C 20W50
and one bottle of Lycoming oil additive #LW-16702. Ground run leak
check OK.

Aero Clinic, Inc.
PO Box 1626
Seminole, Tx. 79360
(432) 758-6455

Lex A. Hinds
A&P585047896



AUTHORIZED SIGNATURE,
CERTIFICATE TYPE
& NUMBER

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
			Date: 5/18/2006, Aircraft: N423TA, Type: CESSNA, S/N: T18208208, Tach: 570.8, Total Time: 191.5, Engine - Type: Lyc. TIO-540-AK1A, S/N: L-11396-61A, Time: 570.8, Prop Type: McCauley, S/N: B3D36C442, Time: 570.8, Work Done At - Airframe Time: 571, Engine Time: 571, Changed Oil and Filter serviced with Phillips 20w-50w Inspected filter, Oil analysis take. Ran Engine and checked for leak's. AERO CLINIC INC. LEX HINDS P.O. BOX 1626 A&P585047896 SEMINOLE TEXAS 79360 (432) 758-6455	
7-11-06	TACH 550.6		CHANGED OIL & FILTER, PUT IN PHILLIPS 20W50 WASHED ENGINE, RAN & CHECKED FOR LEAKS <i>[Signature]</i> A&P 2185067	



Van Bortel Aircraft Inc.

4912 S. Collins St., Arlington, TX 76018

FAA CRS VNFR171L

N423TA TACH & TOTAL 566.4 DATE 8/4/06 W.O. SV1073

ENGINE S/N: L-11396-61A

PERFORMED A 100 HOUR INSPECTION IN ACCORDANCE WITH FAR 43 WITH REFERENCE TO CESSNA MAINTENANCE MANUAL 182SMM11. OIL NOT CHANGED AT THIS TIME. REPLACED OIL FILTER P/N: CH48110-1, OPENED PREVIOUS FILTER FOR INSPECTION-NO DISCREPANCIES NOTED. SPARK PLUGS CLEANED AND TESTED. MAGNETO TO ENGINE TIMING CHECKED. COMPLIED WITH AD 2002-26-01 FUEL INJECTION LINE INSPECTION. INSPECTION NEXT DUE 8/07, TACH 666.4 OR ANY FUEL LINE MAINTENANCE. AD'S CHECKED THROUGH 2006-15. COMPRESSION TEST: #1 73 #2 72 #3 71 #4 76 #5 74 #6 72/80.

I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR/ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. PERTINENT DETAILS OF THE REPAIRS ARE ON FILE AT THIS REPAIR STATION UNDER THIS WORK ORDER.

[Signature]
PAUL PARK
CHIEF INSPECTOR

Date: 8/29/2006; Aircraft: N423TA; Type: CESSNA; S/N: T18208208;
Tach: 601.6; Total Time: 601.6; Engine - Type: Lyc. TIO-540-AK1A, S/N:
L-11396-61A, Time: 601.6

Changed oil and filter. Collected oil analysis sample. Cut and inspected oil filter. Nothing abnormal found. Serviced with 9 qts. Phillips X/C 20W50 and one bottle of Lycoming oil additive #LW-16702. Ground run leak check OK.

Aero Clinic, Inc.
PO Box 1626
Seminole, Tx. 79360
(432) 758-6455

Gregory Langham
A&P458476877

[Signature]

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MAINTENANCE RECORD

DATE	HC	 Van Bortel Aircraft Inc. 4912 S. Collins St., Arlington, TX 76018 FAA CRS VNFR171L N423TA TACH & TOTAL 342.8 DATE 8/26/05 W.O. SV0849 ENGINE S/N: L-11396-61A PERFORMED A 50,100 & 200 HOUR INSPECTION IN ACCORDANCE WITH FAR 43 AND CESSNA MAINTENANCE MANUAL 182SMM10. OIL AND FILTER CHANGED. COMPLIED WITH SB 480E OIL, OIL FILTER AND SUCTION SCREEN INSPECTION. SERVICED WITH PHILLIPS 20W50 AND CH48110-1. MAGNETO TO ENGINE TIMING CHECKED. REPLACED ALL ROCKER COVER GASKETS P/N: 75906. COMPLIED WITH AD 2002-26-01 FUEL INJECTION LINE INSPECTION. NEXT INSPECTION DUE 8/06, TACH 442.8 OR ANY FUEL LINE MAINTENANCE. AD'S CHECKED THROUGH 2005-16. COMPRESSION TEST: #1 76 #2 74 #3 75 #4 75 #5 76 #6 74/80. I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR/ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. PERTINENT DETAILS OF THE REPAIRS ARE ON FILE AT THIS REPAIR STATION UNDER THIS WORK ORDER.  PAUL PARK CHIEF INSPECTOR		SIGNATURE, TYPE ER

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
12/1/05	421	3	changed oil Phillips XC 20W50 New OIL FILTER wash engine John Parke ATP 19431598	



Van Bortel Aircraft Inc.

4912 S. Collins St., Arlington, TX 76018

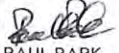
FAA CRS VNFR171L

N423TA TACH 493.2 DATE 3/31/06 W.O. SV0995

ENGINE S/N: L-11396-61A

REMOVED MAGNETOS AND COMPLETED A 500 HOUR INSPECTION. REASSEMBLED, REINSTALLED AND TIMED MAGNETOS TO ENGINE. MAGNETO S/N: 03021723, 03021728. REMOVED FUEL PUMP AND SERVO UNIT FOR REPAIR. UNITS REPAIRED BY B & S AIRCRAFT PARTS & ACCESSORIES INC. WO#: R06-02201, R06-02202. REINSTALLED PUMP S/N: C5633 AND SERVO S/N: 70282005. ENGINE GROUND SATISFACTORY.

THE AIRCRAFT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE WITH RESPECT TO THE WORK ABOVE. PERTINENT DETAILS OF THE REPAIRS ARE ON FILE AT THIS REPAIR STATION UNDER THIS WORK ORDER.


PAUL PARK
CHIEF INSPECTOR

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
2004				
10-20	0195	.3	CHANGED OIL, SERVICED WITH 8 QTS PHILLIPS 20W50. <i>Walt Sullivan</i> AP372445955	
11-17	0229.0		CHANGED OIL & FILTER. SERVICED WITH 8 QTS PHILLIPS 20W50 & CH48110 FILTER RUN UP/LEAK CHECK OK. <i>Walt Sullivan</i> AP372445955	
12-17	0260.2		CHANGED OIL. SERVICED WITH 8 QTS 20W50. <i>Walt Sullivan</i> AP372445955	

DATE	HO	 Van Bortel Aircraft Inc. 4912 S. Collins St., Arlington, TX 76018 FAA CRS VNFR171L N423TA TACH 299.8 DATE 5/27/05 W.O. SV0798 ENGINE S/N: L-11396-61A OIL AND FILTER CHANGED. COMPLIED WITH SB 480E OIL, OIL FILTER AND SUCTION SCREEN INSPECTION. SERVICED WITH PHILLIPS 20W50 AND CH48110-1. REPLACED ALL SPARK PLUGS P/N: RHB37E. COMPLIED WITH AD 2002-26-01 FUEL INJECTION LINE INSPECTION. INSPECTION NEXT DUE AT TACH 399.8, 5/06 OR ANY FUEL LINE MAINTENANCE. THE AIRCRAFT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE WITH RESPECT TO THE WORK ABOVE. PERTINENT DETAILS OF THE REPAIRS ARE ON FILE AT THIS REPAIR STATION UNDER THIS WORK ORDER. <i>Paul Park</i> PAUL PARK CHIEF INSPECTOR	NATURE, TYPE R

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
			Suburban Aviation, Inc 4383 Section Road Ottawa Lake MI 49267 (734)856-6103 www.suburbanaviation.com	
			Work Order: 07900 Opened: 12/10/2003 Department: SHOP Closed: 12/11/2003 Sold To: T Quad Aviation 15210 S. Sconic Ct. Spring Lake, MI 49456	
			Aircraft Number: N423TA Type: CESSNA 182 S/N: T18208208 Total Time: 70.5 Hobbs Time: 0.0 Tach Time: 68.4 Eng# Type S/N Time Cycles Prop Type Prop S/N Prop Time 1 TIO-540-AK1A L-11398-61A 70.5 B3D38C442 022111 70.5 Discrepancy: 1 Problem: 12/11/2003 Installed the Tanis engine Pre-Heater system TAS100-07 Serial No: 36701 per instructions and drawings No: 100F. Brian J. Eklund IA370744080	

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
			Suburban Aviation, Inc 4383 Section Road Ottawa Lake MI 49267 (734)856-6103 www.suburbanaviation.com	
			Work Order: 08366 Opened: 09/29/2004 Department: SHOP Closed: 10/08/2004 Sold To: T Quad Aviation 15210 S. Sconic Ct. Spring Lake, MI 49456	
			Aircraft Number: N423TA Type: CESSNA 182 S/N: T18208208 Total Time: 185.8 Hobbs Time: 0.0 Tach Time: 185.3 Eng# Type S/N Time Cycles Prop Type Prop S/N Prop Time 1 TIO-540-AK1A L-11398-61A 185.8 B3D38C442 022111 185.8 Aircraft Comments: Warranty Start: 12/12/2003 Discrepancy: 1 Problem: 10/08/2004 Completed the 100hr Annual Inspection IAW the service manual and check list. AD's were checked and inspected the fuel lines per AD2002-28-01 per MSB 342E, AD2004-05-24 DNA, AD2004-10-14 due at prop strike. Eit inspections per FAR 91.207(d), battery is due 4/30/2005. Checked the lights and replaced the beacon lamp. Serviced the battery. Serviced the wheel bearings and cleaned the brakes. Checked the controls and lubed. Cleaned the aircraft. Serviced the oxygen system. SB04-71-01 installed missing cowl rivets, SB04-25-02 installed screws in crew seats, SB03-27-02 installed new S/N:195208 N/A. Dressed the propeller, inspected the de-ice pads. Engine oil and filter were not due. Compressions were 1-77, 2-78, 3-79, 4-79, 5-78, 6-79/80. Magnetos were at 21 degrees. Serviced the spark plugs, the fuel screens and air filter. Inspected the exhaust system. Found the #2 & #4 stacks mis aligned and leaking, loosened the stacks and clamps, replaced the gasket and adjusted the pipes, torqued all clamps and system was retested for leaks. Lubed and checked the engine controls. Cleaned the engine down and ground test ran. Replaced the #5 rocker cover gasket. I certify this Aircraft/Engine/Propeller was inspected in accordance with an Annual Inspection and was determined to be in airworthy condition. Brian J. Eklund IA370744080	

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
2003 05/21	0	0	Engine model TIO-540-AK1A, S/N <u>L-11396-61A</u> has been installed on aircraft # <u>T18208208</u> . This engine serviced with Phillips X/C 20W50 Engine oil.	FAA APPROVED UNDER FAR 21 SUBPART J The Cessna Aircraft Co. Delegation Option Authorization DOA-100129-CE By <u>Donald W. Dunn, Jr.</u> Executive Engineer Donald W. Dunn, Jr.



Van Bortel Aircraft Inc.

4912 S. Collins St., Arlington, TX 76018

FAA CRS VNFR171L

N423TA TACH 23.6 DATE 9/26/03 W.O. SV0510

ENGINE S/N: L-11396-61A

OIL AND FILTER CHANGED. SERVICED WITH PHILLIPS X/C 20W50 AND CH48110. CW SB 480D OIL, OIL FILTER AND SUCTION SCREEN INSPECTION.

THE AIRCRAFT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE WITH RESPECT TO THE WORK ABOVE. PERTINENT DETAILS OF THE REPAIRS ARE ON FILE AT THIS REPAIR STATION UNDER THIS WORK ORDER.

Paul Park
PAUL PARK
CHIEF INSPECTOR

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
2003				
1-04	46	00	Drained oil and serviced with Phillips	
			20W50 XC. Removed oil filter and installed	William B. B...
			CH48110. Run UP OK	ALP464498767
12-17	0078.0		CHANGED OIL. SERVICED WITH 8 QTS 20W50	William B. B...
			INSTALLED P5000 QUICK DRAIN VALVE	AP372445955
2004				
3-19	0109.5		CHANGED OIL & FILTER. SERVICED WITH 9 QTS PHILLIPS 20W50	William B. B...
			& CH48110 FILTER. RUN UP OK.	AP372445955
9-16	0165.5		CHANGED OIL & FILTER. SERVICED WITH 8 QTS	William B. B...
			PHILLIPS 20W50 & CH48110 FILTER. RUN UP /	AP372445955
			OPERATIONAL CHECKS OK.	

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
2003				
05/21				

NEW RECIPROCATING ENGINE CERTIFICATE

This is to certify that the engine as described hereinafter has been manufactured run-in and tested as prescribed by **LYCOMING** specifications and Federal Aviation Regulations. No further run-in is required. All applicable Federal Aviation Administration Directions and Lycoming Service Bulletins have been complied with at time of Manufacture.

MODEL TIO-540-AK1A

SERIAL NO. L-11396-61A

DATE 3/31/03

[Signature]
(AUTHORIZED REPRESENTATIVE)

LYCOMING
A Textron Company

LYCOMING ENGINES
652 Oliver Street
Williamsport, PA 17701 U.S.A.

Form No. 777-B (Rev. 3/02)