


DATE	TOTAL IN SE	ENGINE MODEL: IO-540-AB1AS	 <b>Aero Tech Services</b> 4889 Eddie Rickenbacker Drive Addison, TX 75001 Phone: 214-728-9007	DATE: 12/9/2020
19	HOURS	ENGINE S/N: L26542-48A REG. NO: N4195E WORK ORDER: 1751		A/C TSN: 2173 ENG TT: 2173 TACH: 2173
		<b>Engine Entries</b>  C/W 50HR Oil Filter Change... Complied with 50 HR Oil Filter Change. Installed 1ea. New AA48110-2 Oil Filter as needed. Ground Run & Leak Checked Satisfactory.		
The work described above was performed and inspected in accordance with current Federal Aviation Regulations and is approved for return to service. Pertinent details are on file at this facility under Work Order No. 1751.				
DATE: 12/9/2020	SIGNED: 	AP3058066		Work Order: 1751
Pat Pennington, A&P: 3058066 Printed by EBis 3 (datcomedia.com)				

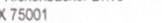
ENGINE MODEL: IO-540-AB1AS ENGINE S/N: L26542-48A REG. NO: N4195E WORK ORDER: 1846	 <b>Aero Tech Services</b> 4689 Eddie Rickenbacker Drive Addison, TX 75001 Phone: 214-728-9007	DATE: 7/19/2021 A/C TSN: 2228.5 ENG TT: 2228.5 TACH: 2228.5
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**Engine Entries**

C/W 50 hr Oil & Filter Change.... Complied with 50 hour Oil and Filter Change. Serviced with 9 qts Aeroshell 100 Plus Oil and Installed 1ea. New AA48110-2 Oil Filter as needed. Leak checked satisfactory.- C/W Oil Analysis.... Complied with Oil Analysis per customer request.

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The work described above was performed and inspected in accordance with current Federal Aviation Regulations and is approved for return to service  
Pertinent details are on file at this facility under Work Order No. 1846

DATE: 7/19/2021	SIGNED:  AP3058066	Work Order: 1846
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ENGINE MODEL: IO-540-AB1AS  
Aero Tech Services  
3689 Eddie Rickenbacker Drive  
Addison, TX 75001  
Phone: 214-728-9007

DATE: 6/23/2021  
A/C TSN: 2197.2  
ENG TT: 2197.2  
TACH: 2197.2

ENGINE S/N: L26542-48A  
REG. NO: N4195E  
WORK ORDER: 1804

**Engine Entries**

Spark plugs need cleaned, gapped and tested..... Removed, cleaned, gapped, tested and reinstalled spark plugs as needed.-  
Inspect magneto timing.... Inspected magneto timing. LH @ 24.2 and RH @ 23.8. Timed magnetos to 23 degrees BTDC- Rear  
baffling vacuum pump cooling port needs capped off..... Installed cap and band clamp as needed.

The work described above was performed and inspected in accordance with current Federal Aviation Regulations and is approved for return to service  
Pertinent details are on file at this facility under Work Order No. 1804

DATE: 6/23/2021  
SIGNED: *Pat Pennington* AP3058066  
Pat Pennington, A&P: 3058066  
Work Order: 1804  
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## LIFE LIMITED PARTS SUMMARY

[illegible]

## LIFE LIMITED PARTS SUMMARY

[illegible]



## INSTRUCTIONS

This record should be completed and maintained in accordance with FAA Federal Aviation Regulations 43.9, 43.11 and 91.173 and/or other prevailing government regulations.

NOTE: Record Service Bulletins and Airworthiness Directives in the back of this record as well as the Airframe Maintenance Record.

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## MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE	DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
HOURS	10THS		
		<div style="display: flex; justify-content: space-between;"> <div> <p>ENGINE MODEL: IO-540-AB1AS ENGINE S/N: L26542-48A REG. NO. N4195E WORK ORDER: 1881</p> </div> <div style="text-align: center;">  <p><b>Aero Tech Services</b> 4689 Eddie Rickenbacker Drive Addison, TX 75001 Phone: 214-728-9007</p> </div> </div>	<p>DATE: 11/2/2021 A/C TSN: 2248.4 ENG TT: 2248.4 TACH: 2248.4</p>
		<p><b>Engine Entries</b></p> <p>Comply with 100hr/Annual Inspection of Engine.... Complied with 100 Hour/Annual Inspection of Engine IAW TCM Standard Practice MM M-O Chapter 6. Compression Check #1 73/80 #2 72/80 #3 74/80 #4 72/80 #5 73/80 #6 72/80. Found Satisfactory. Checked Magneto Timing and Cleaned Fuel Strainer. Cleaned, Gapped and Tested All Spark Plugs.- Comply with AD 15-19-07 Fuel Injector Lines and Clamps for security.... Complied with AD 15-19-07. Inspection of Fuel Injector Lines and Clamps. Found satisfactory at this time.- Comply with AD 2000-02-04 Muffler Inspection.... Complied with AD 2000-02-04 Muffler Inspection. No anomalies found.- Clean, gap and test spark plugs.... Removed spark plugs, cleaned, gapped, and tested. Applied Anti Seize to threads and reinstalled spark plugs and torqued to 30 ft lb.- L/H and R/H EGT, CHT wires need to be secured.... Secured EGT and CHT wires with zip-ties as needed.- No. 5 Cylinder oil return line clamp is loose.... Tightened No.5 oil return line clamp as needed.- Engine needs to be degreased.... Degreased Engine as needed.- Oil and Manifold Pressure Transducer wiring at firewall needs to be secured.... Secured Oil and Manifold Pressure Transducer wiring with zip-ties as needed.- R/H Magneto Tach Pick-Up wiring needs to be secured.... Secured Magneto Tach Pick-Up wiring with zip-ties as needed.- Engine Tachometer cap at accessory case needs to be safety wired.... Secured engine Tachometer cap at accessory case with safety wire as needed.- Prop Governor Control Lever hardware is loose.... Removed cotter pin, tightened hardware as needed. Installed new cotter pin. Function check satisfactory at this time.- L/H AFT Baffling has a hole needing sealed off or plugged.... Sealed hole at L/H AFT Baffling with high temp RTV as needed.- Fuel nozzles have fuel staining.... Removed injector lines from injector nozzles, removed injector nozzles, cleaned with MEK, reinstalled injector nozzles in corresponding cylinders and torqued to 55inlb, torqued injector lines as need. Leak check satisfactory.</p>	
		<p>The work described above was performed and inspected in accordance with current Federal Aviation Regulations and is approved for return to service. Pertinent details are on file at this facility under Work Order No. 1881.</p>	
DATE: 11/2/2021		<p>SIGNED:  <b>AP3058066IA</b></p> <p>Pat Pennington, IA: 3058066</p>	<p>Work Order: 1881</p> <p>Printed by EBis 3 (datcomedia.com)</p>

DATE  
TOTAL  
IN SE  
HOURS

ENGINE MODEL:

IO-540-AB1AS

ENGINE S/N: L26542-48A

REG. NO. N4195E

WORK ORDER: 1911



Aero Tech Services

4689 Eddie Rickenbacker Drive

Addison, TX 75001

Phone: 214-728-9007

DATE: 2/16/2022

A/C TSN: 2287.8

ENG TT: 2287.8

TACH: 2287.8

D SIGNATURE,  
DATE TYPE  
NUMBER

Engine Entries

Troubleshoot engine runs lean @ 11.5 GPH versus 10.3 GPH normally.... Found #2, #3, #4, #5, & #6 intake gaskets leaking.- Install new intake gaskets on #2, #3, #4, #5 & #6 cylinders.... Removed faulty gaskets, cleaned all surfaces and installed new gaskets as needed. Ground run and leak checked satisfactory.

The work described above was performed and inspected in accordance with current Federal Aviation Regulations and is approved for return to service  
Pertinent details are on file at this facility under Work Order No. 1911.

DATE: 2/16/2022

SIGNED:

Pat Pennington, A&P: 3058066

Work Order: 1911

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ENGINE MODEL:

IO-540-AB1AS

ENGINE S/N: L26542-48A

REG. NO. N4195E

WORK ORDER: 1916



Aero Tech Services

4689 Eddie Rickenbacker Drive

Addison, TX 75001

Phone: 214-728-9007

DATE: 3/2/2022

A/C TSN: 2295.3

ENG TT: 2295.3

TACH: 2295.3

Engine Entries

C/W 50 hr Oil & Filter Change.... Complied with 50 hour Oil and Filter Change. Serviced with 11 qts Aeroshell 15W/50 Oil and Installed 1ea. New AA48110-2 Oil Filter as needed. Ground Run & Leak Checked Satisfactory.

The work described above was performed and inspected in accordance with current Federal Aviation Regulations and is approved for return to service  
Pertinent details are on file at this facility under Work Order No. 1916.

DATE: 3/2/2022

SIGNED:

Pat Pennington, A&P: 3058066

Work Order: 1916

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MAINTENANCE RECORD

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

ENGINE MODEL:

IO-540-AB1AS

ENGINE S/N: L26542-48A

REG. NO. N4195E

WORK ORDER: 1953



Aero Tech Services

4689 Eddie Rickenbacker Drive

Addison, TX 75001

Phone: 214-728-9007

DATE: 7/22/2022

A/C TSN: 2351

ENG TT: 2351

TACH: 2351

Engine Entries

Troubleshoot Electric Fuel Pump Pressure.... Found servable @ 6.2 PSI.- Check Magneto Timing.... Checked left and right magneto timing and found to be correct.- Clean Spark Plugs.... Removed 12 each spark plugs and cleaned, gapped and tested. Reinstalled spark plugs as needed.- Clean Servo Fuel Filter.... Removed injector inlet strainer and cleaned. Reinstalled and ran aircraft. Leak check satisfactory. In accordance with Precision Airmotive operation and service manual Sec. 8-1 7/8/2022.- Tighten Prop Governor Control Linkage Hardware.... Tightened Propeller Governor to control cable nut 60 degrees and re secured with new cotter pin.- Troubleshoot Hard Starting.... Removed L/H Magneto P/N 6351, S/N: 98061353 & found significant carbon deposits Removed R/H Magneto P/N: 6351, S/N: 98061355 and found coil to be leaking oil on contact points. Installed LH overhauled Magneto P/N: 6351, S/N: K-05688, and RH Magneto P/N 6351 S/N K-05687 with new gaskets and timed to engine @ 23 BTDC. Both with Overhauled Impulse Couplings and with new drive cushions.- C/W 50 hr Oil & Filter Change.... Complied with 50 Hour Oil and Filter Change. Serviced with 9 qts Aeroshell 100 Plus Oil and Installed 1ea. New AA48110-2 Oil Filter as needed. Ground Run & Leak Checked Satisfactory.

The work described above was performed and inspected in accordance with current Federal Aviation Regulations and is approved for return to service  
Pertinent details are on file at this facility under Work Order No. 1953.

DATE: 7/22/2022

SIGNED:

Pat Pennington, A&P: 3058066

Work Order: 1953

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DATE TC  
IN  
HOL

ENGINE MODEL:  
IO-540-AB1AS  
ENGINE S/N: L26542-48A  
REG. NO: N4195E  
WORK ORDER: 1970



### Aero Tech Services

4689 Eddie Rickenbacker Drive  
Addison, TX 75001  
Phone: 214-728-9007

DATE: 9/20/2022  
A/C TSN: 2362.7  
ENG TT: 2362.7  
TACH: 2362.7

ED SIGNATURE,  
DATE TYPE  
NUMBER

#### Engine Entries

C/W 100 hr/ Annual Inspection of Engine.... Complied with 100 hr/ Annual Inspection of Engine. Compression Check #1 72/80 #2 70/80 #3 71/80 #4 73/80 #5 72/80 #6 72/80. Found Satisfactory. Checked Magneto Timing and Cleaned Fuel Strainer.- C/W AD 15-19-07 Fuel Injector Lines & Clamps for security.... Complied with AD 15-19-07 Fuel Injector Lines & Clamps for security and found satisfactory.- Fuel Nozzles have Fuel Staining.... Removed Fuel Nozzles from Engine and let Soak in MEK. Cleaned Staining and Applied Anti seize to Threads. Reinstalled Fuel Nozzles in marked Cylinders and Secured Fuel lines. Torqued Fuel Nozzles to 60 in/lbs as required.- Engine and Firewall needs Degreased.... Degreased Engine and Firewall as Needed.- Fuel line at R/H side Aft of Engine needs Secured.... Secured Fuel line to Engine Frame with Zip Tie Standoffs as Needed.- Oil Cooler needs debris removed.... Applied Soap and Water. Blew Vanes out with Compressed Air as Needed.

The work described above was performed and inspected in accordance with current Federal Aviation Regulations and is approved for return to service  
Pertinent details are on file at this facility under Work Order No. 1970

DATE: 9/20/2022

SIGNED:

Pat Pennington, IA: 3058066

Work Order: 1970

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ENGINE MODEL:  
IO-540-AB1AS  
ENGINE S/N: L26542-48A  
REG. NO: N4195E  
WORK ORDER: 1993



### Aero Tech Services

4689 Eddie Rickenbacker Drive  
Addison, TX 75001  
Phone: 214-728-9007

DATE: 12/13/2022  
A/C TSN: 2379.8  
ENG TT: 2379.8  
TACH: 2379.8

#### Engine Entries

C/W 25 hr Oil Change.... Complied with 25 hour Oil Change. Serviced with 9 qts Aeroshell 100 Plus Oil. Ground Run & Leak Checked Satisfactory.- C/W Oil Analysis.... Performed as requested.

The work described above was performed and inspected in accordance with current Federal Aviation Regulations and is approved for return to service  
Pertinent details are on file at this facility under Work Order No. 1993

DATE: 12/13/2022

SIGNED:

Pat Pennington, A&P: 3058066

Work Order: 1993

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DATE TOTAL  
IN SE  
HOURS

ENGINE MODEL:  
IO-540-AB1AS  
ENGINE S/N: L26542-48A  
REG. NO: N4195E  
WORK ORDER: 1934



### Aero Tech Services

4689 Eddie Rickenbacker Drive  
Addison, TX 75001  
Phone: 214-728-9007

DATE: 5/23/2022  
A/C TSN: 2325  
ENG TT: 2325  
TACH: 2325

ED SIGNATURE,  
DATE TYPE  
NUMBER

#### Engine Entries

C/W Oil Analysis.... Performed as required.- Install new L/H static wick.... Removed broken static wick and installed new static wick on L/H aileron as needed.

The work described above was performed and inspected in accordance with current Federal Aviation Regulations and is approved for return to service  
Pertinent details are on file at this facility under Work Order No. 1934

DATE: 5/23/2022

SIGNED:

Pat Pennington, A&P: 3058066

Work Order: 1934

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ENGINE MODEL:  
IO-540-AB1AS  
ENGINE S/N: L26542-48A  
REG. NO: N4195E  
WORK ORDER: 2031



### Aero Tech Services

4689 Eddie Rickenbacker Drive  
Addison, TX 75001  
Phone: 214-728-9007

DATE: 5/10/2023  
A/C TSN: 2413.3  
ENG TT: 2413.3  
TACH: 2413.3

#### Engine Entries

C/W 50hr Oil & Filter Change.... Complied with 50 hour Oil and Filter Change. Serviced with 9 qts Aeroshell 100 Plus Oil and Installed 1ea. New AA48110-2 Oil Filter as needed. Ground Run & Leak Checked Satisfactory.

The work described above was performed and inspected in accordance with current Federal Aviation Regulations and is approved for return to service  
Pertinent details are on file at this facility under Work Order No. 2031

DATE: 5/10/2023


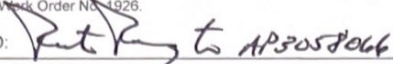
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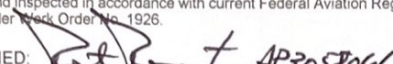
Pat Pennington, A&P: 3058066


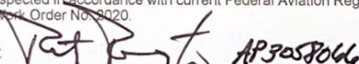
Work Order: 2031

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# MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE	DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	ENGINE MODEL: IO-540-AB1AS ENGINE S/N: L26542-48A REG. NO: N4195E WORK ORDER: 1926	 <b>Aero Tech Services</b> 4689 Eddie Rickenbacker Drive Addison, TX 75001 Phone: 214-728-9007	DATE: 4/29/2022 A/C TSN: 2313.8 ENG TT: 2313.8 TACH: 2313.8
	<b>Engine Entries</b> Troubleshoot unstable mixture control settings.... Found #1, #2, #3, #4, #5 intake gaskets leaking. Removed faulty gaskets and installed new gaskets as needed. Function check satisfactory.		
The work described above was performed and inspected in accordance with current Federal Aviation Regulations and is approved for return to service. Pertinent details are on file at this facility under Work Order No. 1926.			
DATE: 4/29/2022	SIGNED: 		Work Order: 1926
Pat Pennington, A&P: 3058066		Printed by EBis 3 (datcomedia.com)	

	MAKE: Cessna MODEL: 182S S/N: 18260363 REG. NO: N4195E WORK ORDER: 1926	 <b>Aero Tech Services</b> 4689 Eddie Rickenbacker Drive Addison, TX 75001 Phone: 214-728-9007	DATE: 4/29/2022 A/C TSN: 2313.8 TACH: 2313.8
	<b>Airframe Entries</b> Install new PTT switch on pilots yoke.... Removed faulty switch and installed new switch P/N: S2870-1. Function check satisfactory. Install R/H Nav light indicator.... Reinstalled with white adhesive RTV as needed.		
The work described above was performed and inspected in accordance with current Federal Aviation Regulations and is approved for return to service. Pertinent details are on file at this facility under Work Order No. 1926.			
DATE: 4/29/2022	SIGNED: 		Work Order: 1926
Pat Pennington, A&P: 3058066		Printed by EBis 3 (datcomedia.com)	

DATE	TOTAL TIME IN SERVICE	DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	ENGINE MODEL: IO-540-AB1AS ENGINE S/N: L26542-48A REG. NO: N4195E WORK ORDER: 2020	 <b>Aero Tech Services</b> 4689 Eddie Rickenbacker Drive Addison, TX 75001 Phone: 214-728-9007	DATE: 4/11/2023 A/C TSN: 2410.1 ENG TT: 2410.1 TACH: 2410.1
	<b>Engine Entries</b> C/W SB 388C Valve Guide Inspection.... Performed MSB NO. 388C In Reference to Part 1 & Part 2. Found All Cylinder Exhaust Valve & Guide Conditions within Limits. Next Inspection due at Next 400 Hrs Time In Service.		
The work described above was performed and inspected in accordance with current Federal Aviation Regulations and is approved for return to service. Pertinent details are on file at this facility under Work Order No. 2020.			
DATE: 4/11/2023	SIGNED: 		Work Order: 2020
Pat Pennington, A&P: 3058066		Printed by EBis 3 (datcomedia.com)	

