

YEAR: 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.)
				<p>Brundage Aviation 2 Airport Road Taylor, Texas 76574</p> <p>(Engine log) Date: 11 March 2005 N7883V</p> <p>Total Hours Tach <u>4301.11</u> Total Time Engine <u>3482.51</u> SMOH <u>920.01</u></p> <p>Removed LH magneto and replaced with remanufactured mag (P/N 10-600614-1R, S/N EO4LA144R). Ran up-OK. No leaks.</p> <p>Shaun A. Schoener A&P 2822892 <i>Shaun A. Schoener</i></p>

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2005 4/24/05				<p>TACH 4324.80 TTE = 3505 SMOH = 942 CHANGED OIL WITH EXXON ELITE 20W50 AND REPLACED OIL FILTER WITH CHAMPION CH48 INSPECTED AND SERVICED BATTERY WATER LEVELS. CLEANED AND ROTATED PLUGS. <i>B. Shuman</i> OWNER LLOYD STEARNS 1979264</p>
6-15-05	4344.5		3524.7	<p>C/w ANNUAL INSPECTION per Mooney Airplane CO. 100 Hour - ANNUAL INSPECTION Guide. Check compression #1.70 #2.75 #3.75 #4.75. Checked mag timing to eng. Changed oil and filter. Service eng. with 8qts. EXXON ELITE 20W50 and a CH48/110-1 filter. Cut old filter open and checked for metal, none at this time.</p>

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CONTINUED →				<p>W Textron Lycoming M. 3^{NO} 518C, Inspected Thermostatic bypass valve. Replaced all exhaust gaskets P/N 77611. Replaced eng. Air filter P/N BA-6108. Cleaned and gapped all spark plugs. Lubricated all eng. controls. Inspected exhaust system, starter, and alternator. Washed and ran up eng.</p> <p>DATE <u>6-15-05</u> T.T. IN SERVICE <u>961.7</u> : <u>S.M.O.H.</u> AD'S CHECKED THRU: <u>05-11</u> I CERTIFY THAT THIS <u>ENG.</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>ANNUAL</u> INSPECTION AND WAS DETERMINED TO BE IN <u>AIRWORTHY</u> CONDITION. SIGNED: <u>Bonnie Kramer</u> NUMBER: <u>28096461A</u></p>

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2005 8/29/05	4382.75			<p>TACH 4382.75 TTE = 3563 SMOH = 1000 CHANGED OIL WITH EXXON ELITE 20W50 AND REPLACED OIL FILTER WITH CHAMPION CH 48110 INSPECTED AND SERVICED BATTERY LEVELS AFTER NEW BATTERY GILL 35 WAS INSTALLED <u>John B. [Signature]</u> OWNER <u>LLOYD STEAR</u> 1979264</p>
10/15/05	4413.40			<p>TACH 4413.40 TTE = 3594 SMOH 1031 CHANGED OIL WITH EXXON ELITE 20W50 AND REPLACED OIL FILTER WITH CHAMPION CH 48110-1 INSPECTED AND SERVICED BATTERY LEVELS <u>John B. [Signature]</u> OWNER <u>LLOYD STEAR</u> 1979264</p>
3/4/06	4451.74			<p>REPLACED ALL SPARK PLUGS WITH NEW AUTOLITE URM937BY GAPPED TO 0.016 AND TORQUED TO 360 M/LBS <u>John B. [Signature]</u> OWNER 1979264 COMPANY FILE</p>

YEAR: 2005/6 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
12/4/05	4438.51			TACH 4438.51 TTE=3619 SMOH=1056 CHANGED OIL WITH EXXON ELITE 20W50 & OIL FILTER WITH CHAMPION CH 48110-1 CLEANED #2 & #3 BOTTOM PLUGS. INSPECTED BATTERY FLUID LEVEL John [Signature] OWNER LLOYD STEARNS 1979264
4/8/06	4472.77			TACH 4472.51 TTE=3653 SMOH=1090 CHANGED OIL WITH EXXON ELITE 20W50 AND OIL FILTER WITH CHAMPION CH 48110-1. INSPECTED BATTERY FLUID LEVEL John [Signature] OWNER LLOYD STEARNS 1979264 COMM PILOT
06-27-06 T.S.M.O.H.	4500.0	—	3680.2	9/16 ANNUAL INSPECTION per MOONEY AIRPLANE CO. 100 HOUR - ANNUAL INSPECTION GUIDE. Checked

NEXT PAGE →

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				CONTINUED → 0.3 A-D 06-06-16 is M/A by ENG. S/W "Crankshaft"
				COMPRESSION, #1.75 #2.74 #3.75 #4.79. Reinstall right MAGNETO and timed to ENG. Right mag Overhaul by Aircraft Systems, INC. w/ #38870. Checked left timing to eng. Changed oil and filter. Serviced eng. 8qt. EXXON ELITE 20W50 and CH48110-1 Filter. Old Filter open and checked for metal, none at this time. Replaced all valve cover gaskets P/N 75906. Cleaned and gapped all spark plugs. Lubricated all eng. comp. Insp. exhaust system, starter and alt. Washed and ran w/

06-27-06 T.T. IN SERVICE 3680.2
AD'S CHECKED THRU: 06-12 I CERTIFY THAT
THIS ENG. HAS BEEN INSPECTED IN ACCORDANCE
WITH A ANNUAL INSPECTION AND WAS DETERMINED
TO BE IN AIRWORTHY CONDITION.
SIGNED: Dave Bohannon
NUMBER: 2804926 IJA

1. Approving National Aviation Authority/Country:

FAA/United States

2.

AUTHORIZED RELEASE CERTIFICATE

FAA Form 8130-3, Airworthiness Approval Tag

3. Form Tracking Number:

38870

4. Organization Name and Address:

Aircraft Systems, Inc.
5187 Falcon Rd. (Repair Station #KC2R947K)
Rockford, IL 61109
Phone: (815) 399-0225

5. Work Order/Contract/Invoice Number:

38870

6. Item:	7. Description:	8. Part Number:	9. Eligibility: *	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:
1	Magneto, TCM	10-163045-3	N/A	1	A06549	Overhauled

13. Remarks: Overhauled and bench tested per TCM service pub. X40000.

See ASI work order #38870 for details of work performed.

A.D. 94-01-03-R2 O.K. by inspection.

A.D.s 74-26-09, 82-20-01, 2005-12-06 n/a by P/N.

* Eligibility to be verified by installer.

14. Certifies the items listed above were manufactured in conformity to:

Approved design data and are in a condition for safe operation.

Non-approved design data specified in Block 13.

19. 14 CFR 43.9 Return to Service. Other regulations specified in block 13.

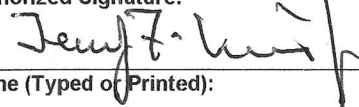
Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, Part 43 and in respect to that work, the items are approved for return to service.

15. Authorized Signature:

16. Approval/Authorization No.:

20. Authorized Signature:

21. Approval/Certificate No.:



KC2R947K

17. Name (Typed or Printed):

18. Date: (mm/dd/yy):

22. Name (Typed or Printed):

23. Date (mm/dd/yy):

Terry F. Norris, Jr.

06/23/06

User/Installer Responsibilities

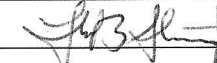
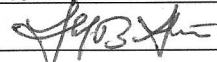
It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly.

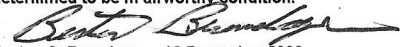
Where the user/installer performs work in accordance with the national regulations of the airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1.

Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

YEAR: 2006 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.)
11/6/06	4525.69			TACH 4525.69 TTE = 3706 SMOH = 1143. CHANGED OIL WITH EXXON ELITE 20W50 AND CAM GUARD. REPLACED FILTER WITH CHAMPION CH 48110 OIL FILTER. REMOVED, CLEANED, GAPPED, REPLACED SPARK PLUGS. INSPECTED BATTERY WATER LEVELS JBL Lloyd STEARNS COMM INST 1979264
1/1/07	4552.72			TACH 4552.72 TTE = 3733 SMOH = 1170. CHANGED OIL WITH EXXON ELITE 20W50 AND CAM GUARD. REPLACED OIL FILTER WITH CHAMPION CH 48110-1 OIL FILTER. REMOVED, CLEANED, GAPPED #2 CYL SPARK PLUGS. INSPECTED BATTERY WATER LEVELS JBL Lloyd STEARNS COMM INST 1979264 OWNER

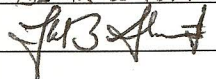
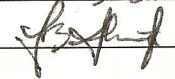
YEAR: 2007 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
4/21/07	4592.71			TACH 4592.71 TTE = 3773 SMOH = 1210 CHANGED OIL WITH ELITE 20W50 & CAM GUARD. REPLACED OIL FILTER WITH CHAMPION CH 48110-1 OIL FILTER. REMOVED, CLEANED, REPLACED, GAPPED #3 CYL SPARK PLUGS. INSPECTED BATTERY WATER LEVELS JBL Lloyd STEARNS COMM INST 1979264 OWNER
7/10/07	4618.16			TACH 4618.16 TTE = 3798 SMOH = 1235 CHANGED OIL WITH ELITE 20W50 & CAM GUARD. REPLACED OIL FILTER WITH CHAMPION CH 48110-1 OIL FILTER. JBL Lloyd STEARNS COMM/INST 1979264 OWNER


YEAR: 2009 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.)
1/11/09	4720.80			TACH=4720.80 TTE=3902 SMOH=1339. CHANGED OIL WITH EXXON ELITE 20W50; OIL FILTER WITH CHAMPION CH 48110-1, SAFETY WIRED OIL FILTER; CLEANED AND ROTATED SPARK PLUGS, REFILLED BATTERY LEVELS
6/7/09	4749.00			 LLOYD STEARNS OWNER 1979264 COMM/INSP/MSL TACH=4749.00 TTE=3930 SMOH=1367 CHANGED OIL WITH EXXON ELITE 20W50; OIL FILTER WITH CHAMPION CH 48110-1, SAFETY WIRED OIL FILTER; CLEANED/ROTATED SPARK PLUGS, REFILLED BATTERY LEVELS
				 LLOYD STEARNS OWNER 1979264 COMM/INSP/MSL

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				<p>Brundage Aviation 2 Airport Road Taylor, Texas 76574</p> <p>(Engine Log) N7883V Date: 16 December 2009</p> <p>Total Hours Tach <u>4770.03</u> Total Time Engine <u>3948.87</u> SMOH <u>1386.89</u></p> <p>Ran up engine, verified operation and mag drop. No apparent problems. removed oil filter. Cut open oil filter for inspection-ok no metal noted. Serviced engine with 8qts Exxon Elite 20w-50. Installed CH48110-1 oil filter and safetied. Checked compressions as follows: #1-72/80, #2-70/80, #3-71-80, and #4-70/80. Installed new EGT probes (P/N 713-2 DWK) on all cylinders. Removed and replaced all oil, fuel hoses and scat. Installed new oil cooler. Checked mag timing-OK. Ran up engine and observed all systems, gages, mag drop, and performed static run up. No apparent evidence of improper operation or leaks. This work performed in conjunction with an annual inspection. Refer to airframe logbook for annual inspection entry.</p> <p>I certify this engine has been inspected in accordance with a 100HR/Annual inspection and is determined to be in airworthy condition.</p> <p> Berton S. Brundage 16 December 2009 A&P 20148261A</p>

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4/10/10	4801.69			TACH = 4801.69 TTE = 3980.53 SMOH = 1418.55 CHANGED OIL WITH EXXON ELITE 20W50; OIL FILTER WITH CHAMPION CH48110-1 SAFETY WIRED OIL FILTER; REFILLED BATTERY LEVELS JLB [Signature] LLOYD B. STEARNS OWNER 1979264 MSEL/COMM/INST.
9/1/10	4824.61			TACH 4824.61 TTE = 4003.44 SMOH 1441.46 CHANGED OIL WITH EXXON ELITE 20W50; OIL FILTER WITH CHAMPION CH48110-1 SAFETY WIRED FILTER; CLEANED/GAPPED/ROTATED SPARK PLUGS; REFILLED BATTERY LEVELS JLB [Signature] LLOYD B. STEARNS OWNER 1979264 MSEL/COMM/INST.

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				Brundage Aviation 2 Airport Road Taylor, Texas 76574 (Engine log) Date: February 1, 2011 N7883V Total Hours Tach 4846.70 Total Time Engine 4025.44 TSMO 1453.56 Ran up engine and verified proper operation and mag drops. No apparent problems found. Performed compression check as follows: #1-70/80, #2-70/80, #3-72/80, and #4-75/80. Drained oil and cut open filter for inspection. No metal found. Serviced engine with 8 qts of Exxon Elite 20W50 and replaced filter P/N (CH48110-1) and safety wired. Checked mag timing-OK. Solvent washed engine and reinstalled all hoses, shrouds and cowling. Performed run-up. No apparent evidence of improper operation or leaks. This work performed in conjunction with an annual inspection performed this date. See airframe logbook for annual inspection entry. JDM [Signature] Jason D Moon February 1, 2011 A&P 2739073 I certify this engine has been inspected in accordance with an Annual inspection and is determined to be in airworthy condition. Berton S. Brundage [Signature] Berton S. Brundage February 1, 2011 A&P 2014826 IA

YEAR: 2011 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.)
5/11	4884.70		4061.44	TACH 4884.70 TTE = 4061.44 SMOH = 1489.5L CHANGED OIL WITH EXXON ELITE 20W50, OIL FILTER WITH CHAMPION CH48110-1, CHECKED BATTERY LEVELS AND TOOK OIL SAMPLE FOR ANALYSIS. OIL FILTER SHOWED 6 ALUMINUM SHAVINGS APPROX 1/32" IN LENGTH. OIL SCREEN CLEAR, OIL ANALYSIS INDICATES "OK"  LLOYD STEARNS 1979264 OWNER COMM/INST/MSOL
10/5	4904.90		4081.64	TACH 4904.90 TTE = 4081.64 SMOH = 1509.7L CHANGED OIL WITH EXXON ELITE 20W50, OIL FILTER WITH CHAMPION CH 48110-1, CHECKED BATTERY LEVELS, OIL SAMPLE TAKEN FOR ANALYSIS  LLOYD STEARNS 1979264 OWNER COMM/INST/MSOL

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				<p>Brundage Aviation 2 Airport Road Taylor, Texas 76574</p> <p>(Engine log) Date: April 10, 2012 N7883V</p> <p>Total Hours Tach 4846.70 Total Time Engine 4108.85 TSMO 1536.97</p> <p>Ran up engine and verified proper operation and mag drops. No apparent problems found. Performed compression check as follows: #1-72/80, #2-71/80, #3-70/80, and #4-70/80. Drained oil and cut open filter for inspection. No metal found. Serviced engine with 8 qts of Exxon Elite 20w50 and replaced filter P/N (AA48110-2) and safety wired. Checked mag timing-OK. Solvent washed engine and reinstalled all hoses, shrouds and cowling. Performed run-up. No apparent evidence of improper operation or leaks. This work performed in conjunction with an annual inspection performed this date. See airframe logbook for annual inspection entry.</p> <p>I certify this engine has been inspected in accordance with an Annual inspection and is determined to be in airworthy condition.</p>  Jason D Moon April 10, 2012 A&P 3388972IA