

N128 BM



*The Standard*

**ENGINE LOG**

ASA-SE-1

The Standard Engine Log  
SE-1

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ASA-SE-1

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P N R A S A - S E - 1



9 781560 271659

**Engine Record** General Information

Manufacturer CONTINENTAL Model TS10 550-E1B

Serial 803119 Type Certificate \_\_\_\_\_

This engine is currently installed in aircraft LANCAIR IV P N1288M

Minimum Octane Fuel \_\_\_\_\_ Oil Grade: Summer \_\_\_\_\_ Winter \_\_\_\_\_

Magneto Time \_\_\_\_\_ Point Setting \_\_\_\_\_ Firing Order \_\_\_\_\_

Spark Plug Gap \_\_\_\_\_

Manufacturer recommended overhaul at \_\_\_\_\_ hours

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
DATE				<p>A/C Type: Lancair IV P      Reg. No.: N128BM  Serial No.: LIV-434      Date: 03-02-01</p> <p>I certify that I have inspected this <u>Engine / propeller</u> In Accordance with a Condition Inspection and found it to be Airworthy. See inspection report dated 02-26-01.</p> <p>      <u>ARD 14856067</u></p>

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
DATE				<p>Model No: Lancair IV P      Serial No: LIV434  Reg. No: N128BM      Hobbs: 65.3</p> <p>Replaced 641670 Alternator, found oil leak at main seal. Installed factory new 641670 unit, Serial No: 0011490 Unit ground tested and found normal. Installation in accordance with TCM maintenance manual.</p> <p>  Lou Verdiales  A&amp;P No. 148560607  Aero Dynamics</p>







YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations <small>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)</small>
03				
5-7			<del>132.0</del> 126.0	Continental Engine S/N # 803119 Removed from AIRFRAME S/N LIV-434. Engine Tear Down Inspection, Repair & Reassembly performed by Don George Aircraft Engines Details can be found with Don George using invoice # 3278. Engine Serial # 803119 re-installed and Test Run on AIRFRAME serial # LIV-434.
				David Ables A/P 543229403

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations <small>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)</small>
				AIRCRAFT SALES OF SPRUCE CREEK 205-1 CESSNA BLVD DAYTONA BEACH FL 32128 386-763-9008
				DATE: 11/1/05 TACH: 128.0 TSNEW: 128.0
				I certify that this ENGINE has been inspected in accordance with a CONDITION inspection and was determined to be in an airworthy condition. The following work was performed: Installed new scot tubing for induction, cleaned gasculator, ran engine and set idle speed and mixture. Washed engine and test run with no discrepancies noted. All work accomplished according to current FAR's and is approved for return to service.
				COMPRESSIONS 1) 72 2) 74 3) 74 4) 70 5) 71 6) 71
				<i>William J O'Brien</i> William J O'Brien 15686628 IA





Premier Aircraft, 1000 NW Perimeter Way, Troutdale, OR 97060-9524 503-661-4184  
 Manufacturer Continental Total Time 148.3  
 Model Number TSIO-550-E (IB)  
 Serial Number 803119

Date 12/26/2006  
 WO Number 10101

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT
2006	02-07	H

This engine was disassembled due to metal contamination - no reason for the metal was found in the engine. Installed new part number 656171 pistons in accordance with CSB04-6 - No further action is required. Honed the barrels fit new rings. Installed a factory rebuilt starter adapter in accordance with CSB02-2C - No further action is required. Assembled engine in accordance with Continental Manual X30616A.

The fuel injection system **MUST** be adjusted in accordance with the latest engine and airframe manufacturers instructions when this engine is installed in the aircraft.

**Airworthiness Directives**

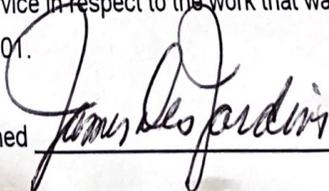
**Engine**

AD Note	Amend #	Dated	R	Subject	Compliance
93-10-02	39-8603	08/12/1993	N	Valve retainers	Visually inspected the valve retainers.
99-19-01	39-11290	09/30/1999	N	Crankshaft inspection	N/A by crankshaft serial number and date of last factory work.
2000-23-21	39-11294	12/12/2000	N	Crankshaft inspection	The crankshaft in this engine is not affected by engine or crankshaft serial number per Service Bulletin MSB00-5D.
2004-08-10	39-13579	05/05/2004	N	ECi Cylinders	N/A by cylinder manufacturer.

The article identified above was repaired and inspected in accordance with current maintenance rules of the Federal Aviation Regulations and is approved for return to service in respect to the work that was accomplished. Pertinent details of the repair are on file at this Repair Station under Work Order Number 10101.

Date: 12/26/2006

Signed



Inspector for Premier Aircraft RS JZYR537L.

YEAR: DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of inspections, tests, repairs and adjustments Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

List of Parts Installed for Work Order No.: 10101

Qty	Part Number	Description	Qty	Part Number	Description
24.0	501868	Lock Tab	4.0	655269	Rubber Magneto Drive Bush
1.0	630899	Bearing	12.0	655958	Rod Bolt
1.0	641250	Crankshaft Seal	6.0	656171	Piston
1.0	642087A65R	Factory Rebuilt Starter Adapter	1.0	CH48108-1	Oil Filter
12.0	642398	Rod Bearing	6.0	CN110	Ring Set
1.0	646592A2	Main Bearing Set	1.0	EQ7158	Gasket Set
6.0	653877	Hydraulic Lifter	24.0	MS20500-428	Nut
6.0	653888	Hydraulic Lifter	8.0	NAS1805-4	Lock Nut
12.0	654490	Rod Nut			



YEAR:	REC TAC TIME	DATE	DESCRIPTION OF WORK	IS Technician or Repair
			 <p>5600 North Hwy 95 # 11 Lake Havasu City, AZ 86404 (928) 764-1883</p> <p><b>April 2, 2007 N128BM Tach: 166.6</b> W/O 07-1905</p> <p>Installed new concord sealed battery. Drained oil, took sample. Installed new CH48408-1 filter. Added 12 Qts Aeroshell 100. Installed new Gami fuel injectors.</p> <p><i>Mark Naumer</i> Mark Naumer 2781002 A&amp;P/IA</p>	

YEAR:	REC TAC TIME	DATE	DESCRIPTION OF WORK	IS Technician or Repair
			 <p>5600 N Hwy 95 #11 Lake Havasu City, AZ 86404 (928) 764-1883</p> <p><b>June 18, 2007 N128BM Hobbs: 200.0</b> W/O 07-2050</p> <p>Installed new Gami fuel injectors. Drained oil and took sample. Installed new CH48108-1 filter and serviced with 10 Qts Aeroshell 100 plus. Ran engine leak and operational checked good.</p> <p><i>Mark Naumer</i> Mark Naumer 2781002 A&amp;P/IA</p>	

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YEAR:	RECORDING TACH TIME	DATE	Technician or Repair
		September 1, 2007	
		N128BM	
		Hobbs: 246.9	
		W/O 07-2131	
		Drained oil and removed oil filter. Installed new CH48108-1 filter and added 12 Qts Aeroshell 100 plus. Ran engine with no leaks noted.	
		<i>Mark Naumer</i> Mark Naumer 2781002 A&P/IA	



5600 N Hwy 95 #11  
Lake Havasu City, AZ 86404  
(928) 764-1883

YEAR:	RECORDING TACH TIME	DATE	Technician or Repair
		November 14, 2007	
		N128BM	
		Hobbs: 297.6	
		W/O 07-2224	
		Drained oil and removed oil filter. Installed new oil filter, PN CH48108-1, and installed new crush washer, PN MS35769-11, on oil sump drain plug. Serviced engine with 12 quarts of Aeroshell 100 PLUS oil. Ran engine and no leaks were noted.	
		<i>Dean Lowery</i> Dean Lowery 3214115 A&P	



5600 N Hwy 95 #11  
Lake Havasu City, AZ 86404  
(928) 764-1883



YEAR: RECORDING  
TACH  
TIME  
DATE



5600 N Hwy 95 #11  
Lake Havasu City, AZ 86404  
(928) 764-1883

ian of Repair

September 5, 2008 N128BM Hobbs:407.1  
W/O 08-2538

Drained oil and installed new oil filter, PN CH48108-1. Installed new crush gasket, PN MS35769-11, on oil drain plug. Serviced engine with 10 quarts of Aeroshell 100 PLUS oil. Ran engine and leak check was good.

Dean Lowery 3214115 A&P

YEAR: PI  
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DATE



5600 N Hwy 95 #11  
Lake Havasu City, AZ 86404  
(928) 764-1883

ions  
r of Technician or Repair

October 26, 2008 N128BM Tach:433.1  
W/O 08-2577

Drained oil and installed new oil filter, PN CH48108-1. Installed new crush washer, PN MS35769-11, on oil pan drain plug. Serviced engine with 11 quarts of Aeroshell 100 PLUS oil. Ran engine and no leaks were noted.

Dean Lowery 3214115 A&P

YEAR:	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.
DATE				



Northstar Aircraft Maintenance  
5600 N Hwy 95 Bldg H100  
Lake Havasu City, AZ 86404  
Ph: (928) 764-1999

Date: 1/15/2009, Aircraft: N128BM; Type: 17-30; S/N: LIV-434;  
Tach: 475.90  
Shop Order #: H11-09-0068, Closed: 2/05/2009  
Warmed engine to operating temperature. Drained oil and removed oil filter. Inspected filter. No metal particles noted. Installed new oil filter and serviced engine with 11 qts. AeroShell 100W Plus oil. No leaks noted after ground run.

*Brian K. Love*  
Brian K. Love I.A. 3101038

YEAR:	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.)
DATE				



Northstar Aircraft Maintenance  
5600 N Hwy 95 Bldg H100  
Lake Havasu City, AZ 86404  
Ph: (928) 764-1999

Date: 3/30/2009; Aircraft: N128BM; Type: 17-30; S/N: LIV-434; Tach: 482.40  
Removed oil cooler door and repaired elongated hole for control cable bolt with weld repair. Redrilled hole to correct size. Installed new hinge. Reinstalled door and rigged. Installed new turbo transition exhaust assembly with new gasket. Installed new certified left and right turbo inlet hoses and routed further from turbos. Secured with adel clamps. Installed new overhauled oil cooler. Installed new skeet duct from right intercooler. Removed engine driven fuel pump cooling duct. Enlarged area to clear fuel hose fitting and reinstalled. Repositioned forward baffle seal and secured. Installed large area washers on 2 forward baffle mount bolts. Installed 45 degree fitting on snaffle valve and secured. Installed large area #5 cylinder induction tube attaches to oil cooler duct. Installed terminal boots on all contactor terminals at battery box. Ground run check normal. No leaks noted.

*Brian K. Love*  
Brian K. Love I.A. 3101038

Date: 12/26/2006 Signed *John Ho Pedrin*

Inspector for Premier Aircraft RS JZYS37L

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>Northstar Aircraft Maintenance 5600 N Hwy 95, Bldg H100 Lake Havasu City, AZ 86404 Ph (928) 764-1999</p> <p>Date: 9/01/2009; Aircraft: N128BM; Type: 17-30; S/N: LIV-434; Tach: 523.70 Shop Order #: HII-09-0240. Closed: 9/02/2009 Drained oil and removed oil filter. Inspected oil filter for metal particles. No metal particles noted. Installed new oil filter and serviced engine with 11 qts. AeroShell 100W Plus oil. No leaks noted after ground run.</p> <p> I.A. 3101038 Brian K. Love</p>

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>Northstar Aircraft Maintenance 5600 N Hwy 95, Bldg H100 Lake Havasu City, AZ 86404 Ph (928) 764-1999</p> <p>Date: 9/14/2009; Aircraft: N128BM; Type: 17-30; Tach: 530.10; Engine - Type: TCM TSIO-550-E1B, S/N: 803119, Time: 530.10 Shop Order #: HII-09-0251 Condition inspection completed per FAR 43, Appendix D. Cylinder compressions: #1-76/80, #2-76/80, #3-76/80, #4-76/80, #5-74/80, #6-76/80. Oil change accomplished at Tach: 523.7. C/W AD 07-16-10 Turbo Rotor Separation. Does not apply. Not installed. Tightened prop. control rod end bolt and safetied. Installed new starter base o-ring. Adjusted oil cooler door. Secured lower ignition leads with clamps. Cleaned all ignition lead insulators. Cleaned fuel nozzles with ultrasonic cleaner. Cleaned and gapped all spark plugs. Checked magneto to engine timing. Degreased engine. Ground run checked normal. I certify that this engine was inspected I.A.W. an Annual Inspection and was determined to be in an Airworthy Condition.</p> <p> I.A. 3101038 Brian K. Love</p>

Date: 12/26/2006

Signed



Inspector for Premier Aircraft RS JZYR537L

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.)
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Northstar Aircraft Maintenance  
5600 N Hwy 95, Bldg H1100  
Lake Havasu City, AZ 86404  
Ph: (928) 764-1999

Date: 12/18/2009; Aircraft: N128BM; Tach: 565.10; Engine - Type: TCM TSIO-550-E1B, S/N: 803119  
Shop Order #: HII-09-0301; Closed: 12/18/2009  
Drained oil and removed oil filter. Inspected oil filter for metal particles. No metal particles noted. Installed new oil filter and serviced engine with 11 qts. AeroShell 100W Plus oil. No leaks noted after ground run.

*Brian K. Love*  
Brian K. Love I.A. 3101038


Date: 12/26/2006 Signed *James Hopewell*

Inspector for Premier Aircraft RS JZYR537L

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.)
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Northstar Aircraft Maintenance  
5600 N Hwy 95, Bldg H1100  
Lake Havasu City, AZ 86404  
Ph: (928) 764-1999

Date: 3/10/2010; Aircraft: N128BM; Tach: 596.40; Engine - Type: TCM TSIO-550-E1B, S/N: 803119  
Shop Order #: HII-10-0357; Closed: 4/07/2010  
Drained oil and removed oil filter. Inspected oil filter for metal particles. No metal particles noted. Installed new oil filter and serviced engine with 11 qts. AeroShell 100W Plus oil. Reinstalled throttle body after overhaul completed by Great Planes Fuel Metering, Inc. under W/O #10-167. Adjusted idle speed and idle mixture. Static run check normal. No leaks noted.

*Brian K. Love*  
Brian K. Love I.A. 3101038


YEAR:  
DATE:

DATE: 08-24-10 TACH. 635.3 ENGT. 635.3

RE: TELEDYNE CONTINENTAL TSIO-550-E  
SERIAL#803119

I certify this engine was repaired in accordance with Continental overhaul manuals due to metal contamination. Replaced main bearings, conn. rod bearings, bolts and nuts, gaskets seals and o-rings. Crack between spark plug boss and injector boss on #2 cylinder replaced with new TCM cylinder, and flushed oil cooler. All airworthiness directives and release tags attached. Details on file under work order #1021.



5614 Ruby St. Sw.  
Fort Mohave, Az. 86426  
Tel: 928-200-1754

Lynn Cooter A&P #563617475

Date: 12/26/2006 Signed *James M. Jordin*

Inspector for Premier Aircraft RS JZYR637L

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
DATE:				Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)



NorthStar Aircraft Maintenance  
5600 N Hwy 95, Bldg 11103  
Lake Havasu City, AZ 86404  
Ph: (928) 764-1999

Date: 11/01/2010; Aircraft: N128BM; Tach: 635.30; Engine - Type: TCM TSIO-550-E1B, S/N: 803119, Time: 635.30  
Shop Order #: Hill-10-0453, Closed: 11/08/2010  
Annual condition inspection completed per Lancair IV Inspection Report Sheet and FAR 43, Appendix D  
Engine removed and reinstalled after repairs completed by Straight Aero Aircraft Engines under W/O #1021. Cylinder compressions: #1-76/80, #2-76/80, #3-76/80, #4-78/80, #5-74/80, #6-74/80. Serviced engine with 12 qts. AeroShell 100W mineral oil. Installed new engine drive fuel pump drain hose. Installed new e.g.t. probe at the #5 cylinder exhaust riser. All oil flexible hoses replaced with certified hoses. Left turbocharger overhauled at Approved Turbo Components, Inc. under W/O #30901. Right turbocharger repaired at Approved Turbo Components, Inc. under W/O #30742. Absolute pressure controller and wastegate controller flushed at Approved Turbo Components, Inc. under W/O #30743. Exhaust crossover tube tabs repaired with weld repair. Cleaned all ignition leads insulators. Lubed all engine control rod ends. CAV Challenger Aviation Products ICA dated August 31, 2005 Rev. D, Doc. #4003 cleaning of induction air filter. Static run check normal. No leaks noted.  
I certify that this engine was inspected I.A.W. an Annual Inspection and was determined to be in an Airworthy Condition.

*Brian K. Love* I.A. 3101038  
Brian K. Love

YEAR:	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.)
DATE				



Northstar Aircraft Maintenance  
5600 N Hwy 95, Bldg H100  
Lake Havasu City, AZ 86404  
Ph: (928) 764-1999

Date: 11/05/2010; Aircraft: N128BM; Tach: 643.80; Engine - Type: TCM TSIO-550-E1B, S/N: 803119  
Shop Order #: HII-10-0465  
Lubed wastegate controller valve. Adjusted fuel pump aneroid and prop. governor low pitch stop.

*Brian K. Love* - I.A. 3101038



Northstar Aircraft Maintenance  
5600 N Hwy 95, Bldg H100  
Lake Havasu City, AZ 86404  
Ph: (928) 764-1999

Date: 11/08/2010; Aircraft: N128BM; Tach: 646.30; Engine - Type: TCM TSIO-550-E1B, S/N: 803119  
Shop Order #: HII-10-0475, Closed: 11/08/2010  
Drained oil and removed oil filter. Inspected oil filter for metal particles. No metal particles noted. Installed new oil filter and serviced engine with 11 qts. AeroShell 100W Plus oil. No leaks noted after ground run.

*Brian K. Love* - I.A. 3101038

Date: 12/26/2006 Signed *Franklin Jordin* Inspector for Premier Aircraft RS JZYRS37L

YEAR:	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.)
DATE				



Northstar Aircraft Maintenance  
5600 N Hwy 95, Bldg H100  
Lake Havasu City, AZ 86404  
Ph: (928) 764-1999

Date: 12/06/2010; Aircraft: N128BM; Tach: 654.00; Engine - Type: TCM TSIO-550-E1B, S/N: 803119  
Shop Order #: HII-10-0490, Closed: 12/06/2010  
Installed customer supplied GAMjector in the #2 cylinder.

*Brian K. Love* - I.A. 3101038

YEAR:	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><b>Northstar Aircraft Maintenance</b> 5600 N Hwy 95, Bldg H100 Lake Havasu City, AZ 86404 Ph: (928) 764-1959</p> <p>Date: 1/25/2011; Aircraft: N128BM; Tach: 678.30; Engine - Type: TCM TSO-550-E1B, S/N: 803119 Shop Order #: Hll-11-0516, Closed: 1/25/2011 Drained oil and removed oil filter. Inspected oil filter for metal particles. No metal particles noted. Installed new oil filter and serviced engine with 11 qts. AeroShell 100W Plus oil. No leaks noted after ground run.</p> <p><i>Brian K Love</i> Brian K Love - I.A. 3101038</p> <p>Date: 10/17/2011; Aircraft: N128BM; Type: 17-30; S/N: LIV-434; Tach: 727.10 Shop Order #: Hll-11-0658, Closed: 11/10/2011 Drained oil and removed oil filter. Inspected oil filter for metal particles. No metal particles noted. Installed new oil filter and serviced engine with 11 qts. AeroShell 100W Plus oil. No leaks noted after ground run.</p> <p><i>Rod Carrier</i> Rod Carrier AP2962072</p> <p>Date: 12/26/2006 Signed <i>Juan Lopez</i> Inspector for Premier Aircraft RS JZYR537L</p>

YEAR:	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><b>Northstar Aircraft Maintenance</b> 5600 N Hwy 95, Bldg H100 Lake Havasu City, AZ 86404 Ph: (928) 764-1959</p> <p>Date: 12/12/2011; Aircraft: N128BM; Type: 17-30; S/N: LIV-434; Tach: 742.70; Engine - Type: TCM TSO-550-E1B, S/N: 803119 C/W Condition inspection per FAR 43, Appendix D and Lancair 100hr inspection report sheet. Performed compression check 1)76/80, 2)75/80, 3)76/80, 4)74/80, 5)76/80, 6)76/80. Installed 12 ea new RHB32E spark plugs Cleaned fuel nozzles Checked mag timing Ground run and leak checked normal</p> <p>I certify that this engine was inspected I.A.W. Lancair 100hr Condition Inspection and was determined to be in an Airworthy Condition.</p> <p><i>Rod Carrier</i> Rod Carrier AP 2962072</p>



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6/3/13	900.00			Changed oil + filter, serviced AS100 plus <i>J.M.M. AP2032966</i>
8/8/13	920.0			Changed oil + filter, serviced AS100 plus <i>J.M.M. AP2032966</i>
ENGINE MODEL: TS10-350-E11 ENGINE SN: 823119 REG. NO: N1288M WORK ORDER: Murneta5601-01-2014 <b>Gryphon Aircraft Services, LLC.</b> 3780 Sky Canyon Drive #602 Murreta, CA 95963 Phone: 951-698-4260				DATE: 2/1/2014 A/C TSN: 137.2 ENG TT: 929.7 TACH: 929.7
<b>Engine Entries</b> Changed oil and filter AA48108-2. Compression check #1 6480, #2 7280, #3 7080, #4 6880, #5 7080, #6 6880. Serviced engine with 12 cps oil 100w plus and 1 Cam Guard. Test run OK. all ops normal. No leaks. Removed LH side exhaust collector and turbo. Installed with overhaul exhaust from Custom Aircraft Parts and repaired turbo from Main Turbo Systems. Crank stops at next holes. Reinspect at next oil change. Performed 500 hour inspection on L & R magnetos per F-1100 manual. Replaced distributor block, contact points and drive gears on both mags. Replaced left magneto coil. Reassembled with new pressurization kits and reinstalled with new gaskets. Timed to 24° BTDC IAW engine data plate. Test run OK. I certify that this ENGINE has been inspected IAW FAR 43 Appendix D and been found in condition for safe operation. FAA CRS #25DR271B DATE: 2/1/2014 SIGNED: <i>J.M.M.</i> Work Order: Murneta5601-01-2014				

Date: 12/26/2006 Signed: *James L. Pedrin* Inspector for Premier Aircraft RS JZYR537L

YEAR:	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.)
6/18/2015				<b>Gryphon Aircraft Services, LLC.</b> 3780 Sky Canyon Drive #602 Murreta, CA 95963 Phone: 951-698-4260 <b>Engine Entries</b> Completed 100 HOUR INSPECTION per Gryphon Aircraft Services Inspection form. Changed oil and filter AA48108-2. Serviced engine with 11 cps oil 100w plus and 1 cam guard additive. Compression check #1 70, #2 72, #3 74, #4 74, #5 70, #6 74. Cleaned, gapped and tested all spark plugs. See AD note update sheet and master list for complete AD note history thru this date and current revision of 2015-09. Cleaned and leak checked o.k. for now. Replaced #6 intake valve cover gasket. Cleaned fuel injectors, reinstalled with new seals and gaskets. Cleaned and lubed K&N filter with K&N Recharger Kit. Re-safety #6 cylinder baffle to inner cylinder baffle. I certify that this ENGINE has been inspected IAW FAR 43 Appendix D and been found in condition for safe operation. FAA CRS #25DR271B DATE: 6/18/2015 SIGNED: <i>J.M.M.</i> Work Order: Murneta6453-05-2015 Printed by EBis 3 (datacomedia.com)



Engine Log

11-10-2020 N1084P Tach:1027.3 TSMOH:1027.3

Clean and re-gap plugs. Check mag timing. Check compression, 1:71/80 2:72/80 3:70/80 4:67/80 5:72/80 6:70/80. Check engine controls. Wash engine and run up.

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

Boyd Roberts A&P 1908389

*Boyd Roberts*

TiTan Aircraft, Inc.

146 Main #6C

La Marque, Tx 77568

8/12/2021, Engine Logbook N1084P Hobbs = 1027.7

Replaced cylinder #4 & 5 with overhauled cylinders. Pistons cleaned and reused. New exhaust valves, all springs, keepers seals and gaskets installed. Replaced intake lifters on #4 & 5 with overhauled lifters. New gaskets installed on RH turbo and top & bottom of waste gate. All work done per TCM overhaul manual with all hardware torque per TCM SB96-7D and all parts within new limits. Engine run, inspected and approved for return to service this date.

*W. B. A&P 19213339*