

ENGINE LOG



ARMARK OVERHAUL, INC.

“WHEN QUALITY COUNTS...”
FORT LAUDERDALE, FLORIDA 33309

RIGHT S/N 172935 R



AIRMARK OVERHAUL, INC.

FAA APPROVED REPAIR STATION #JL4R288M

6001 Northwest 29th Avenue • Fort Lauderdale, Florida 33309
(954) 970-3200 • 800-282-3202 • FAX: (954) 970-3400

CUSTOMER FLETCHER SCHILLER

WORK ORDER NO. 36718

ENGINE MODEL IO-520-C SERIAL NO. 172935-R DATE 5-18-2005

WARRANTY (LIMITED)

Airmark Overhaul, Inc. warrants this Engine to be free from defects in material and workmanship under normal use and service for a period of 1 year from the above date of overhaul or 480 hours, whichever occurs first, and accessories are warranted to be free from defects in material and workmanship for 180 days or 240 hours from the date of overhaul, whichever occurs first, and shall extend only to the purchaser named hereinabove.

This Engine, excluding accessories, is further warranted to be free from defects in materials and workmanship by Airmark Overhaul, Inc. until Manufacturers Recommended Overhaul Period or two years from the above date, whichever occurs first, under a pro-rated basis on parts. Labor portion is pro-rated if work is performed by Airmark Overhaul, Inc. For the purpose of calculating pro-ration, a minimum of 40 hours per month from the date of overhaul will apply. Notwithstanding anything herein to the contrary, cracked cylinders and crankcases are excluded from all warranties unless it can be determined that the damage is a direct and proximate result of improper assembly by Airmark Overhaul, Inc.

Replacement or repair of Engine, Component, or Parts under this Limited Warranty will not extend the warranty period. Any repairs made by person(s) other than Airmark Overhaul, Inc. without the prior written consent of Airmark Overhaul, Inc., at the option of Airmark Overhaul, Inc., voids any remaining part of this Limited Warranty, where, in the judgement of Airmark Overhaul, Inc. such repairs adversely affected the Engine. In no event, whether as a result of a breach of contract, warranty, tort (including negligence) or otherwise, shall Airmark Overhaul, Inc. be liable for any special, consequential, incidental or penal damages or expenses, including but not limited to loss of profit, goodwill, or revenues, loss of use of the product or any associated equipment, damage to associated equipment, cost of capital, cost of third parties for such damages or expenses.

The foregoing Limited Warranty is exclusive and in lieu of all other warranties or remedies whether written, oral, implied, or statutory. Any and all implied warranties of merchantability, fitness for a particular purpose, course of dealing or usage of trade are hereby expressly disclaimed and excluded.

AIRMARK OVERHAUL, INC., a Florida corporation

BY: [Signature]

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
19				

AUTHORIZED RELEASE CERTIFICATE
FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

1 Approving National Aviation Authority (Country): UNITED STATES

2 Organization Name and Address: AIRMARK OVERHAUL, INC. • 6001 N.W. 29TH AVENUE • FT. LAUDERDALE, FL 33309

3 Fleet/Tracking Number: 36718

4 Work Order/Contract/Invoice Number: WOF# 36718

6 Item	7 Description	8 Part Number	9 Eligibility*	10 Quantity	11 Serial/Batch Number	12 Status/Work
1	ENGINE	IO-520-C		1	172935-R	OVERHAULUED

13 Remarks: THIS ENGINE WAS OVERHAULUED, TESTED AND CERTIFIED UNDER WORK ORDER # 36718.

*Aircraft Overhaul Inc. certifies that the work specified in block 12/13 was carried out in accordance with EASA Part 145 and with respect to that work the aircraft component is considered ready for release to service under EASA Approval Certificate Number: EASA 145-4115 and FAA Air Agency Certificate Number: JL4R288M.

14 *Articles that have been certified were manufactured in conformity to:
 Approved design data and are in condition for safe operation
 Non-approved design data specified in Block 13

15 Authorized Signature: *[Signature]* Approved/Autorization No.: JL4R288M

17 Name (if printed): JAMES MUSGROVE 18 Date: 5-18-2005

20 Authorized Signature: *[Signature]* 21 Approval/Certificate No.: JL4R288M

22 Name (type or print): JAMES MUSGROVE 23 Date (m/d/y): 5-18-2005

FAA FORM 8130-3 (6-01) NSM 0052-00-012-9005

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
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AIRMARK OVERHAUL, INC.
6001 N.W. 29th Avenue
Fort Lauderdale, Florida 33309
FAA Certified Repair Station #JL4R288M
Maintenance Release

Engine Model: IO-520-C Serial No.: 172935-R

Total Accumulated Time: 4464.8 Time Since Overhaul: 0.0

Date Overhauled: 5-18-2005 Work Order No.: 36718

Signed: *[Signature]*

The above Listed Engine has been inspected, overhauled and Test Run in accordance with manufacturers specifications and current Federal Aviation Regulations, and was found airworthy for return to service. All applicable factory service and airworthiness directives complied with this date. See listing in back of book.

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June 24, 2005	Hobbs: 864.4 RESMOH: 0.0		AFTT: 6104.8 RETT: 4464.8	Right Engine N4519A Installed this engine Continental IO-520, serial no. 172935-R on starboard side of Beechcraft Baron E-55, N4519A. Engine overhauled by Airmark Overhaul, Inc. See work order no. 36718 dated 5/18/05. Serviced engine with 10 quarts of Aeroshell 100 mineral oil. Set fuel flows, mixture and idle in accordance with Continental SID97-3C. No leaks noted. I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition. <i>[Signature]</i> Brian Ozga A&P 2675951 IA
9-15-05	B95.5			SERVICED ENGINE WITH 10 QUARTS OF AEROSHELL PLUS AND ESURIOR OIL FILTER. INSPECTED ELITE, NO METAL NOTED, GROUND RUN, NO LEAKS NOTED. NRMJ ATP 2654101

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12/27/05	437.2			Removed starter, part # 646275-1 S/N F011170. Installed overhauled starter part # 646275-1 S/N F09304D Steve Stetson 2080821
1/4/2006				Right Engine N4519A Hobbs: 937.9 Removed starter, part no. 646275-1 serial no. F093040. Installed overhauled starter, part no. 646275-1, serial no. F040854. See 8130 dated April 4, 2005, work order no. M816240, from Kelly Aerospace Power Systems. Op's check starter, checks OK. Work done in accordance with the Teledyne Continental and Beech E55 maintenance manual. NRMJ Jeff Muharsky A&P 2656401
1/4/06	937.9			A&R OIL Filter & serviced engine 2/10 qts Aeroshell 100 plus
5/1/06	993.1			oil change 10 qts Aeroshell 100 plus

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7/30/2006				Right Engine N4519A
	Hobbs: 999.8		AFTT: 6240.2	
	RESMOH: 135.4		RETT: 4600.2	
	I certify that this engine has been inspected in accordance with the Beech E-55 100 Hour Inspection checklist. Compressions #1(68/80), #2(72/80), #3(68/80), #4(74/80), #5(70/80), #6(73/80). Serviced engine with 11 quarts Aeroshell 100 plus and ES48109 oil filter. Inspected filter, no metal noted. Removed, cleaned, inspected, gapped and reinstalled plugs. Ground run, no leaks noted, operational check ok. I certify that this engine was inspected in accordance with a 100 hour inspection checklist and was determined to be in airworthy condition.			
	<i>JM</i> Jeff Muharsky A&P 2656401			
12/19/2006				Right Engine N4519A
	Hobbs: 1059.6		AFTT: 6300.0	
	Serviced engine with 11 quarts of Aeroshell Plus and ES48109 oil filter. Inspected filter, no metal noted. Ground run, no leaks noted, operational check ok.			
	<i>JM</i> Jeff Muharsky A&P 2656401			

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6/7/2007				Right Engine N4519A
	Hobbs: 1087.1		AFTT: 6327.5	
	RESMOH: 222.7		RETT: 4687.5	
	I certify that this engine has been inspected in accordance with the Beech E-55 100 Hour Inspection checklist. Compressions #1(75/80), #2(72/80), #3(76/80), #4(75/80), #5(73/80), #6(72/80). Serviced engine with 11 quarts Aeroshell 100 plus and ES48109 oil filter. Inspected filter, no metal noted. Removed, cleaned, inspected, gapped and reinstalled plugs. Ground run, no leaks noted, operational check ok. I certify that this engine was inspected in accordance with a 100 hour inspection checklist and was determined to be in airworthy condition.			
	<i>JM</i> Jeff Muharsky A&P 2656401			
09/18/2007				Right Engine N4519A s/n TE 806 Hobbs: 1119.6
	ENGINE LOG ENTRY FOR RIGHT ENGINE			
	1. Diagnosed defective starter on right engine. Removed starter p/n 646275-1R, s/n F040834. Installed starter p/n 646275-1, s/n H073497. See FAA Form 8130-3 from Kelly Aerospace Power Systems for details.			
	Operation check normal.			
	I certify that the above captioned maintenance was performed in accordance with all applicable manufacturers' maintenance manuals, and other approved or acceptable data, as appropriate.			
	<i>G. E. Peterson</i> Geoffrey E. Peterson, A&P 3236901			

DATE	RECORDING	TODAYS	TOTAL	DESCRIPTION
NO. YEAR	TACH	FLIGHT	TIME IN	ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
19__	TIME		SERVICE	

8-1-09
 Hobbs: 1248.7
 Total: 4849.1
 N4519A
 TSMOH: 384.3
 Rt. Eng. IO-520-C
 S/N: 172935-R

100 hr. inspection completed this date. Compression as follows: #1-79/80, #2-70/80, #3-79/80, #4-77/80, #5-77/80, #6-78/80. Changed oil and filter P/N CH48109-1. Cut filter and found no metal. Serviced with 11 qts. Aeroshell 100 plus. Cleaned gapped and rotated spark plugs. For current status of all A.D.'s see aircraft records. I certify this engine has been inspected in accordance with a 100 hr. inspection and was determined to be in airworthy condition.
 Gary W. Shelton A&P5248085801A
Gary W. Shelton

9-1-10
 Hobbs: 1298.8
 Total: 4899.2
 N4519A
 TSMOH: 434.4
 Rt. Eng. IO-520-C
 S/N: 172935-R

100 hr. inspection completed this date. Compression as follows: #1-73/80, #2-77/80, #3-79/80, #4-75/80, #5-76/80, #6-79/80. Changed oil and filter P/N CH48109-1. Cut filter and found no metal. Serviced with 11 qts. Aeroshell 100 plus. Cleaned gapped and rotated spark plugs. For current status of all A.D.'s see aircraft records. I certify this engine has been inspected in accordance with a 100 hr. inspection and was determined to be in airworthy condition.
 Gary W. Shelton A&P5248085801A
Gary W. Shelton

DATE	RECORDING	TODAYS	TOTAL	DESCRIPTION
NO. YEAR	TACH	FLIGHT	TIME IN	ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
19__	TIME		SERVICE	

1-18-11
 Hobbs: 1324.8
 Total: 4925.2
 N4519A
 TSMOH: 460.4
 Rt. Eng. IO-520-C
 S/N: 172935-R

Changed oil. Serviced with 10 qts. Aeroshell 50 wt. oil.
 Gary W. Shelton A&P5248085801A
Gary W. Shelton

5-3-11
 Hobbs: 1345.3
 Total: 4945.7
 N4519A
 TSMOH: 480.9
 Rt. Eng. IO-520-C
 S/N: 172935-R

Cleaned all fuel injector nozzles and reinstalled. No leaks on runup.
 Gary W. Shelton A&P5248085801A
Gary W. Shelton

