



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. 36719

ENGINE MODEL IO-520-C SERIAL NO. 173283-H 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

Revised: June 15, 2000

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.)
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AUTHORIZED RELEASE CERTIFICATE

FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

3. Form Tracking Number: 36719

1. Approving National Aviation Authority (Country): UNITED STATES

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

5. Work Order/Contract/Invoice Number: WO# 36719

6. Item:	7. Description:	8. Part Number:	9. Eligibility*:	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:
1	ENGINE	IO-520-C		1	173283-H	OVERHAUL

13. Remarks: THIS ENGINE WAS OVERHAULED, TESTED AND CERTIFIED UNDER WORK ORDER #36719.

*Remarks that items identified above were manufactured in conformity to:
 Approved design drawings and are in conformance for sale operations.
 Non-approved design data specified in Block 13.
 Other regulation specified in Block 13

14. CFR 43.9 Return to Service: Other regulation specified in Block 13

15. Authorized Signature: *[Signature]* 19. 14 CFR 43.9 Return to Service Other regulation specified in Block 13

16. Date: 5-18-2005

17. Name (Typed or Printed): JAMES MUSGROVE

20. Authorized Signature: *[Signature]*

21. Approval Certificate No.: JL4R288M

22. Name (Typed or Printed): JAMES MUSGROVE

23. Date (Typed): 5-18-2005

FAA FORM 8130-3 (8-01) NSN 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. 173283-H

Total Accumulated Time 3278.8 Time Since Overhaul 0.0

Date Overhauled 5-18-2005 Work Order No. 36719

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.

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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12/19/2006

Left 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.

Jeff Jeff Muharsky A&P 2656401

6/7/2007

Left Engine N4519A

Hobbs: 1087.1 AFTT: 6327.5

LES MOH: 222.7 LETT: 3501.5

I certify that this engine has been inspected in accordance with the Beech E-55 100 Hour Inspection checklist. Compressions #1(75/80), #2(71/80), #3(75/80), #4(71/80), #5(75/80), #6(74/80). 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.

Jeff Jeff Muharsky A&P 2656401

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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1/28/2008

Left Engine N4519A

Hobbs: 1150.0 AFTT: 6390.4

Serviced engine with 10 quarts of Aeroshell Plus and CH48109 oil filter. Inspected filter, no metal noted. Ground run, no leaks noted, operational check ok.

Jeff Jeff Muharsky A&P 2656401

6/20/2008

Left Engine N4519A

Hobbs: 1195.7 AFTT: 6436.1

LES MOH: 331.3 LETT: 3610.1

I certify that this engine has been inspected in accordance with the Beech E-55 100 Hour Inspection checklist. Compressions #1(75/80), #2(71/80), #3(78/80), #4(75/80), #5(78/80), #6(78/80). Serviced engine with 11 quarts Aeroshell 100 plus and ES48109 oil filter. Inspected filter, no metal noted. Replaced all spark plugs with URHB32E. Cleaned fuel injectors. 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.

Jeff Jeff Muharsky A&P 2656401

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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8-1-09
N4519A
Lt. Eng. IO-520-C

Hobbs: 1248.7
Total: 3663.1
TSMOH: 384.3
173283-H/S/N: 810764-R

100 hr. inspection completed this date. Compression as follows: #1-79/80, #2-78/80, #3-77/80, #4-78/80, #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 determined to be in airworthy condition.

Gary W. Shelton A&P5248085801A
Gary W. Shelton

9-1-10
N4519A
Lt. Eng. IO-520-C

Hobbs: 1298.8
Total: 3713.2
TSMOH: 434.4
173283-H/S/N: 810764-R

100 hr. inspection completed this date. Compression as follows: #1-75/80, #2-72/80, #3-79/80, #4-77/80, #5-77/80, #6-77/80. 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 determined to be in airworthy condition.

Gary W. Shelton A&P5248085801A
Gary W. Shelton

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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1-18-11
N4519A
Lt. Eng. IO-520-C

Hobbs: 1324.8
Total: 3739.2
TSMOH: 460.4
S/N: 810764-R
173283-H

Changed oil and serviced with 10 qts. Aeroshell 50 wt.

Gary W. Shelton A&P5248085801A
Gary W. Shelton

5-3-11
N4519A
Lt. Eng. IO-520-C

Hobbs: 1345.3
Total: 3759.7
TSMOH: 480.9
S/N: 810764-R
173283-H

Cleaned all fuel injector nozzles and reinstalled. No leaks on runup.

Gary W. Shelton A&P5248085801A
Gary W. Shelton

10-11-11 N4519A Lt. Eng. IO-520-C

Hobbs: 1364.5 Total: 3778.9 TSMOH: 500.1 } 73283-1 S/N: 810764-R

100 hr. inspection completed this date. Compression as follows: #1-79/80, #2-72/80, #3-78/80, #4-75/80, #5-79/80, #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 determined to be in airworthy condition.

Gary W. Shelton A&P5248085801A *Gary W. Shelton*

11-9-12 N4519A Lt. Eng. IO-520-C

Hobbs: 1391.2 Total: 3805.6 TSMOH: 526.8 } 73283-1 S/N: 810764-R

100 hr. inspection completed this date. Compression as follows: #1-74/80, #2-74/80, #3-75/80, #4-74/80, #5-77/80, #6-75/80. 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 determined to be in airworthy condition.

Gary W. Shelton A&P5248085801A *Gary W. Shelton*

11-20-13 N4519A Lt. Eng. IO-520-C

Hobbs: 1421.9 Total: 3836.3 TSMOH: 557.5 S/N: 173283-H

100 hr. inspection completed this date. Compression as follows: #1-79/80, #2-64/80, #3-79/80, #4-78/80, #5-78/80, #6-79/80. Changed oil and filter P/N CH48109-1. Cut filter and found no metal.

Serviced with 11 qts. Aeroshell 100 plus. 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 determined to be

in airworthy condition.

Gary W. Shelton A&P36921751A *Gary W. Shelton*

12-13-14 N4519A Lt. Eng. IO-520-C

Hobbs: 1453.6 Total: 3868.0 TSMOH: 589.2 S/N: 173283-H

100 hr. inspection completed this date. Compression as follows: #1-75/80, #2-69/80, #3-72/80, #4-74/80, #5-76/80, #6-75/80. Changed oil and filter P/N CH48109-1. Cut filter and found no metal.

Serviced with 11 qts. Aeroshell 15W50. 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 determined to be in airworthy condition.

Gary W. Shelton A&P36921751A *Gary W. Shelton*

11-24-15 N4519A Lt. Eng. IO-520-C

Hobbs: 1492.8 Total: 3907.2 TSMOH: 628.3 S/N: 173283-H

100 hr. inspection completed this date. Compression as follows: #1-77/80, #2-66/80, #3-77/80, #4-75/80, #5-78/80, #6-76/80. Changed oil and filter P/N AA48109-1. Cut filter and found no metal.

Serviced with 11 qts. Phillips X/C 20W50. Repaired starter. 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 determined to be in airworthy condition.

Gary W. Shelton A&P36921751A *Gary W. Shelton*

11-24-16 N4519A Lt. Eng. IO-520-C

Hobbs: 1528.0 Total: 3942.4 TSMOH: 663.5 S/N: 173283-H

100 hr. inspection completed this date. Compression as follows: #1-72/80, #2-67/80, #3-73/80, #4-70/80, #5-74/80, #6-72/80. Changed oil and filter P/N CH48109-1. Cut filter and found no metal.

Serviced with 10 qts. Phillips X/C 20W50. 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 determined to be in airworthy condition.

Gary W. Shelton A&P36921751A *Gary W. Shelton*

11-28-17 N4519A Lt. Eng. IO-520-C

Hobbs: 1537.9 Total: 3952.3 TSMOH: 673.4 S/N: 173283-H

100 hr. inspection completed this date. Compression as follows: #1-76/80, #2-73/80, #3-74/80, #4-78/80, #5-78/80, #6-75/80. Changed oil and filter P/N CH48109-1. Cut filter and found no metal.

Serviced with 12 qts. Phillips X/C 20W50. 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 determined to be in airworthy condition.

Gary W. Shelton A&P36921751A *Gary W. Shelton*

11-29-18 N4519A Lt. Eng. IO-520-C

Hobbs: 1566.5 Total: 3980.9 TSMOH: 702.2 S/N: 173283-H

100 hr. inspection completed this date. Compression as follows: #1-74/80, #2-78/80, #3-78/80, #4-76/80, #5-76/80, #6-76/80. Changed oil and filter P/N CH48109-1. Cut filter and found no metal.

Serviced with 12 qts. Phillips X/C 20W50. 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 determined to be in airworthy condition.

Gary W. Shelton A&P36921751A *Gary W. Shelton*

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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12-5-19
Hobbs: 1582.2
Total: 3980.9
N4519A
TSMOH: 717.9
Lt. Eng. IO-520-C
S/N: 173283-H

100 hr. inspection completed this date. Compression as follows: #1-7/6/80, #2-7/6/80, #3-7/2/80, #4-70/80, #5-7/2/80, #6-7/2/80. Changed oil and filter P/N CH48109-1. Cut filter and found no metal. Serviced with 11 qts. Phillips X/C 20W50. 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 determined to be in airworthy condition.

Gary W. Shelton A&P36921751A *Gary W. Shelton*

1-6-21
Hobbs: 1591.6
Total: 3980.9
N4519A
TSMOH: 727.3
Lt. Eng. IO-520-C
S/N: 173283-H

100 hr. inspection completed this date. Compression as follows: #1-7/7/80, #2-7/4/80, #3-7/7/80, #4-70/80, #5-7/6/80, #6-7/4/80. 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 determined to be in airworthy condition.

Gary W. Shelton A&P36921751A *Gary W. Shelton*

2-22-22
Hobbs: 1613.0
Total: 4002.3
N4519A
TSMOH: 748.7
Lt. Eng. IO-520-C
S/N: 173283-H

100 hr. inspection completed this date. Compression as follows: #1-7/1/80, #2-7/4/80, #3-7/8/80, #4-70/80, #5-7/4/80, #6-7/5/80. Changed oil and filter. 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 determined to be in airworthy condition.

Gary W. Shelton A&P36921751A *Gary W. Shelton*

B&G Aviation LLC

Georgetown Texas 78628 ph 512-864-7632

N4519A

SN# TE-806

Date 4/25/2022

1. Removed this engine for repair

This engine is approved for return to service in

regards to work performed

Bradley D Gray

Bradley D Gray A&P 3135226

ACCT: 4003.2

HRM: 1613.9

TSO: 749.6

DATE	RECORDING TACH TIME	ALTERATIONS DATE NUMBER OF SPECIFIC ENTRIES)
19__		

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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B&G Aviation LLC

Georgetown Texas 78628 ph 512-864-7632

N4519A

ACTT: 4003.2

SN# TE-806

HRM: 1613.9

Date 1/26/2023

SN# 173283-H

TSO:749.6

I certify that this engine has been inspected in accordance with a 100hr inspection. In accordance with FAR part 43 appendix D

Work accomplished as follows:

1. Reinstalled this engine after repair by Airmark overhaul Inc.
2. Installed an overhauled vac pump PN# 216CW
3. Serviced with Phillips 20W50
4. Ground run leak check satisfactory.

This engine is approved for return to service in regards to work performed

[Signature]

Bradley D Gray A&P 3135226

3-2-23 N4519A Lt. Eng. IO-520-C

Hobbs: 1613.9 Total: 4003.2 TSMOH: 749.6 S/N: 173283-H

100 hr. inspection completed this date. 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 determined to be in airworthy condition.

Gary W. Shelton A&P36921751A

[Signature]

AUTHORIZED RELEASE CERTIFICATE

1. Approving Civil Aviation Authority/owner: FAA/United States	2. Organization Name and address: ABIMARK OVERHAUL, INC. • 10041 NW 20th AVENUE • FT. LAUDERDALE, FL 33309 (FL402289)	3. Engine/Part Number: IO-520-C	4. Quantity: 1/E/A	5. Serial Number: 173283-H	6. Time Since Major Overhaul: 766.6 HOURS	7. Date of Issue: 487703	8. Name of Issuing Authority: W. O. 487703
THIS CONTINENTAL MOTORS, INC. ENGINE WAS REPAIRED AS NEEDED DUE TO A PROPELLER STRIKE ONLY IN ACCORDANCE WITH CONTINENTAL MOTORS, INC. OVERHAUL MANUAL XM969 DATED OCTOBER 2013 AND MAINTENANCE MANUAL M-0 DATED AUGUST 2021. SEE FULL DETAILS OF WORK AND A.D.'S CARRIED OUT PER WORK ORDER NUMBER 4870L.							

13a. <input checked="" type="checkbox"/> Certified the item identified above were manufactured in conformity with <input type="checkbox"/> Other regulations specified in Block 12	13b. <input type="checkbox"/> Approved/Design data and not in a condition for safe operation	13c. <input type="checkbox"/> Non-approved design data specified in Block 12	14a. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service	14b. <input type="checkbox"/> Other regulations specified in Block 12
Certifies that certain information specified in Block 12, the work described in Block 11 and the Federal Regulations, part 43 used in regard to this work, the items are repaired for return to service.				
13d. Authorized Signatory: <i>[Signature]</i>	13e. Approval/Authorization No.: <i>[Signature]</i>	14c. Authorized Signatory/Personnel: <i>[Signature]</i>	14d. Name (Typed or Printed): WILLIAM POLLARD	14e. Approval Certificate No.: 487703
13f. Name (Typed or Printed):	13g. Date (dd/mm/yyyy):	14f. Name (Typed or Printed):	14g. Date (dd/mm/yyyy):	14h. Date (dd/mm/yyyy): 18/NOV/2022

It is important to understand that the certifier of this document shall deem and substantiate compliance evidence to issue the aircraft engine/procedure work. Where the certifier's performance is not in accordance with the national regulations authority, sufficient data the certification authority of the country specified in Block 1, 17 & 18 (certifier) that the certifier's authority (except for aircraft engine/procedure) from the certification authority of the country specified in Block 1.

Consentance in Block 13a and 13d do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations of the certifier's authority (see section 43.9).

FAA Form 8130-3 (03-14)

NSN: 0025-00-012-9005