

Service Bulletins and Technical Publications are available on a direct mail basis from the factory. Orders must be prepaid. Send for order form or call 334-438-3411, publications department, for information.

Engine Returns

All returned engines are to be shipped with this log book
Directly to:

**Engine Return Department
2039 Broad Street
Mobile, AL 36615**


**USE ONLY FUEL CONFORMING TO ASTM D910
USE OF AUTOMOTIVE GAS IS NOT APPROVED.**



Teledyne Continental Motors, Inc.
A Teledyne Technologies Company

Printed: 08/30/2008

This engine model I0360ES6, Serial No. 827771 - R was manufactured on 08/30/2008 by Teledyne Continental Motors in accordance with approved design data and the applicable requirements of Part 21 of the Federal Aviation Regulation. The approved design data for this engine incorporates all changes required by applicable Airworthiness Directives and Teledyne Continental Motors Service Bulletins.


TELEDYNE CONTINENTAL MOTORS
A TELEDYNE TECHNOLOGIES COMPANY
PRODUCTION CERTIFICATE NO. 5-8

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
12-17-08	1295	.9			Installed Eng model # R10360ES60 Ser#
827771 ON AIRCRAFT N-223CD Ser#1110					Installed new FWD
Baffles					Installed New Eng Isolator 4 th & Bolts For Air MARION INC
					[REDACTED] IA

April 23, 2009 N223CD S/N 827771-R Hobbs Time 1301.7, SMOH 2.8 Since New Annual Inspection Completed This Date. Inspected IAW Cirrus Inspection Report ATA 05-20. No oil change. No filter change. No compression check. Set prop governor to higher RPM to reach red line on take off. Tightened throttle bolt. Adjusted idle RPM and Idle Mixture.
 ADs checked thru BW2009-08.
 See AD list for full details.
 The maintenance operation(s) described above were inspected in accordance with current regulations and with respect to work performed, the aircraft and/or component was found airworthy and is approved for return to service.
 Details are on file under work order 5143.

[Signature]
 Edward Hobelman
 MYNR748K

MA MONTGOMERY AVIATION, INC.
 11329 East State Road 32
 Zionsville, IN 46077
 317-769-4487
 Certified Repair Station No. MYNR748K

HOBBS 1324.1	6-16-09			Changed oil & Filter Split Filter (ok) Serviced with AeroShell 15W50 Ground Run No Leaks Noted at this time For Air MARION INC [REDACTED] IA
9-2-09	1374.3			changed oil & Filter split filter OK Serviced with AeroShell 15W50 Ground Run No Leaks Noted at this time For AIR MARION [REDACTED] IA
12-21-09	1424.6			changed oil & Filter split Filter (ok) Serviced with AeroShell 15W50 Ground Run No Leaks Noted at this time For Air MARION INC [REDACTED] IA
12-17-10	1577.8			Changed oil & Filter split filter ok Serviced with AeroShell 15W50 Ground Run No Leaks Noted at this time For Air MARION INC [REDACTED] IA


		Last Overhaul	
Hrs.	Min.	Hrs.	Min.

Engine Service and Maintenance Record

Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins

Brought Forward

March 12, 2010 N223CD S/N 827771-R Hobbs Time 1431.0 TSN 141.1
 Annual Inspection Completed This Date. Inspected IAW Cirrus Inspection Report ATA 05-20.
 No oil change at this time. Filter was inspected at last oil change 6.4 hrs. ago. Compression test 1)76/80 2)78/80 3)77/80 4)77/80 5)75/80 6)76/80. New air filter element installed. Reset timing on both mags to 24°BTC per data plate. Cleaned fuel injector nozzles, returned nozzles to same cylinder removed from. Inspected cylinders with boroscope, OK. Engine run up good.
 See AD list for full details. The maintenance operation(s) described above were inspected in accordance with current regulations and with respect to work performed, the aircraft and/or component was found airworthy and is approved for return to service.
 Details are on file under work order 5537.


 Ed Hobelman
 MYNR748K

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December 28, 2010 N223CD S/N 1110 Hobbs Time 1586.4
 Installed new tach generator. Operational check good. Repaired broken wire on manifold pressure sensor connector. Operational check good.
 -----END-----

The maintenance operation(s) described above were inspected in accordance with current regulations and with respect to work performed, the aircraft and/or component was found airworthy and is approved for return to service. Details are on file under work order 6021.


 Paul W. Enlow
 Repair Station MYNR748K

 MONTGOMERY AVIATION, INC.
 11329 East State Road 32
 Zionsville, IN 46077
 317-769-4487

7-7-10 Hobbs:1483.1 IO-360-ES N223CD
 Clutch spring in starter adapter was found to be broken in two pieces, no foreign material in engine. Installed new clutch spring, p/n 643109, using a new lock tab, p/n 501367. Reinstalled starter adapter using new 649988 gasket and reinstalled vacuum pump with new 82-50130B gasket. Run-up and leak check was good.

Engine Service and Maintenance Record

Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins

Date	Total Time		Time Since Last Overhaul	
	Hrs.	Min.	Hrs.	Min.

Brought Forward →

4-5-11 1604.4 ANNUAL THIS DATE #1 74/60 #2 74/60 #3 74/60 #4 74/60 #5 74/60 #6 74/60
 CHANGED OIL & FILTERS SPLIT FILTER (OK) SERVICED WITH ACROSEAL 15W50
 CLEANED & SERVICED PLUGS, CHECK TIMING, CHECKED HEAT MUFF, I CERTIFY
 THIS ENGINE HAS BEEN INSPECTED I/A/W AN ANNUAL INSPECTION AND WAS
 DETERMINED TO BE IN AN AIRWORTHY CONDITION AT THIS TIME FOR
 AIR MARION INC. [REDACTED] FA

5-23-11 HOBBS 1632.6 I installed new AIR FILTER BA24 DUE 1832.6
 OPERATIONAL CHECK NORMAL FOR AIR MARION [REDACTED] FA

January 13, 2011 N223CD S/N 1110 Hobbs Time 1587.4

Installed new CHT probe on #2 cylinder. Removed material from upper #2 alternator for the tach generator install. Installed new tach generator and safetied. Run-up and operational check good.-----END-----

The maintenance operation(s) described above were inspected in accordance with current regulations and with respect to work performed, the aircraft and/or component was found airworthy and is approved for return to service. Details are on file under work order 6035.

[REDACTED]
 Paul W. Enlow
 Repair Station MYNR748K

MA MONTGOMERY AVIATION, INC.
 11329 East State Road 32
 Zionsville, IN 46077
 317-769-4487

Certified Repair Station No. MYNR748K

8-10-11 HOBBS 1696.2 changed oil & filters split filter (ok) serviced with ACROSEAL 15W50 (SERVICED PLUGS, NO LEAKS NOTED AT THIS TIME FOR AIR MARION INC. [REDACTED] FA

10-5-2011 I installed NEW Oil Temp Probe ¹²⁶⁷⁴⁻⁰⁰¹ P/N Test ran to ops/leak check. All checks were good ← END →
 Air Marion INC. [REDACTED]

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Brought Forward →

Hrs.		Min.		Last Overhaul	
Hrs.	Min.	Hrs.	Min.	Hrs.	Min.

11-12-2011 1741.3

Removed spark plugs cleaned, gapped, tested and rotated. Test ran to ops check and released
AP/IA

11-21-2011 1745.6

Installed New Champion RHM 38E spark plugs in all cylinders. Removed each fuel injector individually and cleaned in MEK. Installed and test ran to ops and leak check. Test run was acceptable. All checks and temps were normal. Aircraft was released for further operation ← END →
AP/IA