

N7235E

ENGINE LOG BOOK



Service Information

Consult the Continental Motors web site at continentalmotors.aero for engine related news or announcements. Continental Motors Internet Service contains useful information for Continental Motors engine owners, including electronic versions of the most current engine Instructions for Continued Airworthiness and service documents that may be pertinent to your engine model.

If Internet access is not available, contact our Customer Service Department at:

1-888-826-5465 Toll free in the United States or
1-251-436-8299 International

Engine Returns

Return engines for core credit with this log book to:

Continental Motors, Inc.
2039 Broad Street
Mobile, AL 36615 USA

Return engines for overhaul with this log book to:

Continental Motors, Inc.
Factory Service Center
8600 County Road 32
Fairhope, Alabama 36532 USA

**USE ONLY FUEL SPECIFIED IN OPERATOR'S
MANUAL OR TYPE CERTIFICATE DATA SHEET
USE OF AUTOMOTIVE FUEL IS PROHIBITED**



Continental Motors
FAA PRODUCTION CERTIFICATE NO. 508

Printed: 04/04/2018

Test Date: 04/04/2018

This engine model I0550B89B, serial number 1035700 was manufactured by Continental Motors, Inc. in accordance with approved design data and the applicable requirements of 14 CFR, Part 21. The approved design data for this engine incorporates all changes required by applicable FAA Airworthiness Directives and Continental Motors Service Bulletins.


CONTINENTAL MOTORS, INC.

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record			
	Hours	Min	Hours	Min	Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins			
	N.W. Air Repair Inc				October 3, 2018			
	N7235E				Hobbs Time	338.6	Hrs	
	Factory NEW engine IO-550-B98B s/n 1035700. This engine installed on Beech A36 N7235E s/n E-2252 Re-installed overhauled prop governor model D210680 AA s/n 1045736. Re-installed overhauled propeller D3A32C409- C/872NDB-2 s/n 022171. Reinstalled exhaust system and accessories. Serviced with 11 qts Aeroshell 100, ran engine, no leaks noted.				<i>AL Goad</i>			
	Graham L Goad A&P 2801174							
	N.W. Air Repair Inc				October 11, 2018			
	N7235E				Hobbs Time	0343.5	Hrs	
	TSN 4.9 hrs Drained oil, changed filter, installed Saf-Air drain valve p/n S6250, serviced with 11 qts Aeroshell 100, ran engine, no leaks noted, open filter and inspected, no abnormal debris noted.				<i>AL Goad</i>			
	Graham L Goad A&P 2801174							
	N.W. Air Repair Inc				November 7, 2018			
	N7235E				Hobbs Time	0366.7	Hrs	
	Drained oil, changed filter, serviced with 11 qts Aeroshell 100, ran engine, no leaks noted. Cut open filter, no abnormal debris noted.				<i>AL Goad</i>			
	Graham L Goad A&P 2801174							
	N7235E				March 21, 2019			
	NW Air Repair Inc. 503-472-4790				TSMOH	36.4	Hrs	
	Hobbs Time 375.0 Hrs							
	Drained oil, changed filter, serviced with 11 qts Aeroshell W100. Performed compression check, #1 72/80, #2 73/80, #3 76/80, #4 75/80, #5 75/80, #6 76/80. Cleaned and gapped spark plugs, checked magneto timing. Inspected exhaust system. This engine inspected in accordance with 100hr inspection per FAR43 Appendix D and found to be airworthy at this time.				<i>AL Goad</i>			
	Graham L Goad 2801174 A&P							
7/14/2019	Hobbs 406.0hr.		Time Since New Eng 67.4hr.		Changed oil + Filter, (0 Aeroshell W100 Plus. CH 48109-1) Ran Eng. No leaks, Cxd F.filter - No Duds			

7/14/2019 Hobbs 406.0 hr. Time since New Eng 67.4 hr. changed oil & filter, (093)
Aerogel w/100 plus, CH 48109-1) ran Eng. No leaks, CXd Filter - No Drips

R. E. Mar 1571902

Engine Service and Maintenance Record

Date	Total Time		Time Since Last Overhaul		Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hours	Min	Hours	Min	
Carried forward	→				

ENGINE MODEL: Dash Air, Inc.
IO-550B889B
ENGINE S/N: 1037500
REG NO: 7235E
WORK ORDER:
3874-09-2019

1023 NW Graham Road
Troutdale, OR 97060
Phone: (503)492-0406

DATE: 9/10/2019
A/C TSN: 5215 7
ENG TT: 122
HOBBS: 460.6

Engine Entries

Drained oil. Changed oil filter. Inspected oil filter element. Serviced with Aeroshell W100 50 weight compounded oil. Cleaned engine and cowling. Test run / leak check good.

Daryl Dasher

DATE: 9/10/2019

SIGNED:

Daryl Dasher, A&P: 3494603 IA

Work Order: 3874-09-2019

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ENGINE MODEL: Dash Air, Inc.
IO-550B889B
ENGINE S/N: 1037500
REG NO: 7235E
WORK ORDER:
3914-11-2019

1023 NW Graham Road
Troutdale, OR 97060
Phone: (503)492-0406

DATE: 11/7/2019
A/C TSN: 5267 3
ENG TT: 173.6
HOBBS: 512.2

Engine Entries

Drained oil. Changed oil filter. Inspected oil filter element. Serviced with Aeroshell W100 50 weight compounded oil. Cleaned engine and cowling. Test run / leak check good.

Daryl Dasher

DATE: 11/7/2019

SIGNED:

Daryl Dasher, A&P: 3494603 IA

Work Order: 3914-11-2019

Printed by EBis 3 (datcomedia.com)

ENGINE MODEL: Dash Air, Inc.
IO-550B889B
ENGINE S/N: 1037500
REG NO: 7235E
WORK ORDER:
3935-12-2019

1023 NW Graham Road
Troutdale, OR 97060
Phone: (503)492-0406

DATE: 1/7/2020
A/C TSN: 5271 3
ENG TT: 177.6
HOBBS: 516.2

Engine Entries

Performed annual inspection and service. Drained oil. Changed oil filter. Inspected oil filter element. Serviced with Aeroshell W100 50 weight compounded oil. Performed compression check #1-70 #2-70 #3-74 #4-74 #5-68 #6-72. Cleaned and gapped spark plugs. Checked mag timing. Checked engine controls. Inspected intake and exhaust systems. Installed new Donaldson induction air filter. Cleaned engine and cowling. Test run / leak check good....Installed new gasket on oil cap.

I certify this engine has been inspected in accordance with an annual inspection per FAR 43 appendix D and was found airworthy

DATE: 1/7/2020

SIGNED:

Daryl Dasher, A&P: 3494603 IA

Work Order: 3935-12-2019

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10-2-2020 Hobbs 591.5 Engine total time 252.9
Removed this engine from N7235E.

Daryl Dasher A&P 3494603 IA

10-2-2020 Hobbs 591.5 Engine total time 252.9
Removed this engine from N7235E.

This engine was disassembled and inspected due to a propeller strike - no damage noted. The magnetos were overhauled. The starter adapter was repaired to M015 specifications. See list of parts installed. Assembled engine and tested. Work was done in accordance with Continental Manual M-16, Change 2, dated 15 Jul 2015, M-0, Revision 1, Change 1, dated 01 Feb 2021. Engine was run on a test stand - no defects noted.

Accessories

Description	Model Number	Part Number	Serial Number	Condition
Magneto	S6RN-1225	10-349350-4	F18CA064	Overhauled and tested in accordance with Continental Manual X42001, Revision 3, Change 1, dated 01 Feb 2021.
Magneto	S6RN-1225	10-349350-5	F18AA234	Overhauled and tested in accordance with Continental Manual X42001, Revision 3, Change 1, dated 01 Feb 2021.

Airworthiness Directives

Magneto

AD Note	Amend #	Dated	R	Subject
74-26-09	39-2050	24 Dec 1974	N	Solid steel drive bushing
82-13-01	39-4405	28 Jun 1982	Y	Green blocks
82-20-01	39-4658	14 Jun 1983	N	Impulse flyweights
94-01-03	39-9271	28 Jun 1995	N	Coil and rotating magnet
94-06-09	39-8895	20 May 1994	N	Capacitors
2005-12-06	39-14122	19 Jul 2005	Y	Impulse coupling

Compliance

Inspected. Not applicable. Part is not used in these magnetos.
Inspected. Not applicable. Green blocks are not installed.

No further action required by this AD Note.

Tested impulse flyweight hardness and inspected pins. Found acceptable.

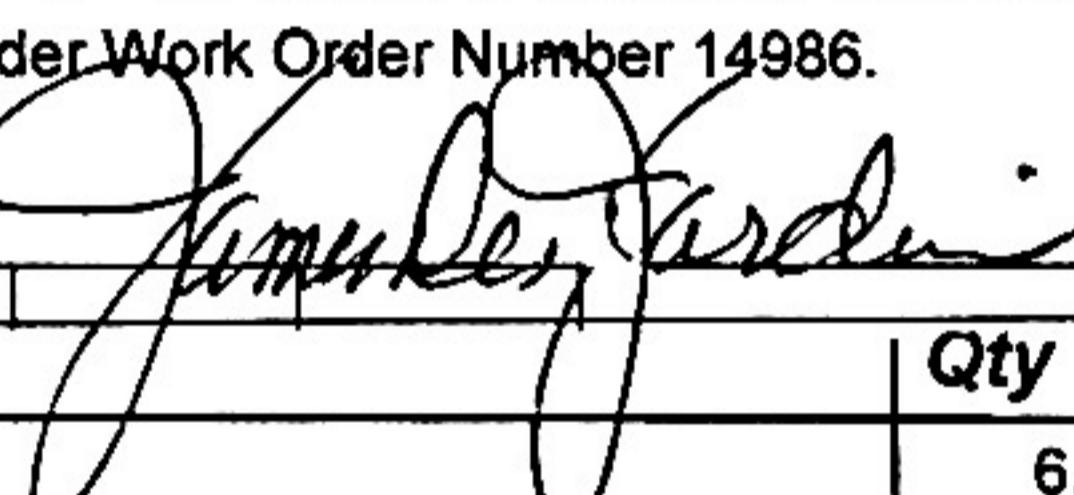
Inspected. Not applicable by magneto serial numbers.

Installed new capacitors. Not applicable by date codes.

Inspected in accordance with paragraph (c). Not applicable by engine model.

No further action required by this AD Note.

The work described in this maintenance record was accomplished on the article(s) identified in this maintenance record in accordance with Title 14, Code of Federal Regulations, Part 43, and in respect to that work the article(s) are approved for return to service. Pertinent details are on file at this Repair Station under Work Order Number 14986.

Date: 03 Mar 2021 Signed 

Inspector for Premier Aircraft RS JZYR537L.

Qty	Part Number / Description	Qty	Part Number / Description
2.0	10-14268 / Washer	6.0	634503 / Main Bearing
2.0	10-160844 / Carbon Brush	16.0	639193 / Counterweight Bushing
2.0	10-163374 / Felt Strip	1.0	641250 / Crankshaft Seal
4.0	10-349219 / Wedge	2.0	641909 / Lock Plate
2.0	10-349247 / Retainer	12.0	642398 / Rod Bearing
2.0	10-349248 / Oil Slinger	2.0	643626-103 / Counterweight Pin
2.0	10-349263 / O Ring	2.0	643626-104 / Counterweight Pin
2.0	10-349326 / Strip	4.0	643626-105 / Counterweight Pin
6.0	10-349652 / Screw	16.0	643629 / Counterweight Plate
4.0	10-35935-6 / Screw	4.0	646288 / Thrust Washer
8.0	10-35936-7 / Screw	1.0	646550A1 / Gasket Set
2.0	10-35937-24 / Screw	4.0	649205 / Bolt
2.0	10-3793 / Lock Washer	2.0	652451-8 / Push Rod
2.0	10-382584 / Breaker Contact Assembly	1.0	653470 / Starter Adapter Gasket
2.0	10-391213 / Screw	4.0	653547 / Bearing
2.0	10-400009 / Nameplate	12.0	654490 / Rod Nut
2.0	10-400406 / Distributor Gear Assembly	4.0	654587-.44 / Bolt
2.0	10-400561 / Bearing	4.0	655269 / Rubber Magneto Drive Bushing
2.0	10-400615 / Capacitor	12.0	655958 / Rod Bolt
2.0	10-50752 / Felt Washer	1.0	CH48109-1 / Oil Filter
2.0	10-51324 / Impulse Coupling Spring	12.0	M674 / Spark Plug Washer
6.0	10-53397 / Washer	2.0	MS16624-1037 / Snap Ring
2.0	10-90751-18 / Cotter Pin	24.0	MS20500-428 / Nut
6.0	24764 / Data Plate Stud	1.0	MS9970-116 / O Ring
8.0	350998 / Crankshaft Bushing	1.0	MS9970-117 / O Ring
2.0	502102-1 / Snap Ring	2.0	NAS1805-4 / Lock Nut
1.0	534625 / Felt	6.0	SA536379 / Crankshaft Bolt
1.0	536563 / Dowel Pin	1.0	501867 / Lock Tab
16.0	629104 / Snap Ring	1.0	630680 / Bearing
1.0	630899 / Bearing	1.0	CAM539800M15 / Starter Adapter Clutch Spring
1.0	630979-20 / O Ring		S/N: CAM20-102-166
1.0	632144-2 / Clamp		

Engine Service and Maintenance Record

Date	Total Time		Time Since Last Overhaul		Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hours	Min	Hours	Min	
ENGINE MODEL: IO-550B89B ENGINE S/N 1037500 REG NO 7235E WORK ORDER 4049-08-2020	Dash Air, Inc. 1023 NW Graham Road Troutdale, OR 97060 Phone (503)492-0406				DATE: 5/14/2021 A/C TSN: 5346 6 ENG TT 252 9 HOBBS: 591.5
<p>Engine Entries</p> <p>Performed annual inspection and service. Reinstalled this engine into N7235E. Serviced with Aeroshell W100 SAE 50 weight compounded oil. Performed compression and found all cylinders to be acceptable.</p> <p>I certify this engine has been inspected in accordance with an annual inspection per FAR 43 appendix D and was found airworthy.</p> <p>DATE: 5/14/2021 SIGNED: <i>Daryl Dasher</i> Work Order: 4049-08-2020</p> <p>Daryl Dasher, A&P: 3494603 IA Printed by EBis 3 (datcomedia.com)</p>					
ENGINE MODEL: IO-550B89B ENGINE S/N 1037500 REG NO 7235E WORK ORDER: 4211-07-2021	Dash Air, Inc. 1023 NW Graham Road Troutdale, OR 97060 Phone (503)492-0406				DATE: 7/8/2021 A/C TSN: 5366.2 ENG TT 272.5 HOBBS: 611.1
<p>Engine Entries</p> <p>Drained oil. Changed oil filter. Inspected oil filter element. Serviced with Aeroshell W100 50 weight compounded oil. Cleaned engine and cowling. Test run / leak check good.</p> <p>DATE: 7/8/2021 SIGNED: <i>Daryl Dasher</i> Work Order: 4211-07-2021</p> <p>Daryl Dasher, A&P: 3494603 IA Printed by EBis 3 (datcomedia.com)</p>					
ENGINE MODEL: IO-550B89B ENGINE S/N 1037500 REG NO 7235E WORK ORDER: 4241-08-2021	Dash Air, Inc. 1023 NW Graham Road Troutdale, OR 97060 Phone (503)492-0406				DATE: 9/29/2021 A/C TSN: 5415.7 ENG TT 322 HOBBS: 660.6
<p>Engine Entries</p> <p>Performed 50 hour maintenance and service. Drained oil. Changed oil filter. Inspected oil filter element. Serviced with Aeroshell W100 50 weight compounded oil. Cleaned engine and cowling. Test run / leak check good.</p> <p>DATE: 9/29/2021 SIGNED: <i>Daryl Dasher</i> Work Order: 4241-08-2021</p> <p>Daryl Dasher, A&P: 3494603 IA Printed by EBis 3 (datcomedia.com)</p>					
ENGINE MODEL: IO-550B89B ENGINE S/N 1037500 REG NO 7235E WORK ORDER: 4303-12-2021	Dash Air, Inc. 1023 NW Graham Road Troutdale, OR 97060 Phone: (503)492-0406				DATE: 1/1/2022 A/C TSN: 5442 9 ENG TT 349.2 HOBBS: 687.8
<p>Engine Entries</p> <p>Performed annual inspection and service. Drained oil. Changed oil filter. Inspected oil filter element. Serviced with Aeroshell W100 50 weight compounded oil. Performed compression check #1-72 #2-65 #3-72 #4-76 #5-74 #6-70. Cleaned and gapped spark plugs. Checked mag timing. Checked engine controls. Inspected intake and exhaust systems. Inspected induction air filter. Cleaned engine and cowling. Test run / leak check good....CSB07-01A Continental connecting rod piston pin bushing complied with by screening the oil. No metal found in screen.</p> <p>I certify this engine has been inspected in accordance with an annual inspection per FAR 43 appendix D and was found airworthy.</p> <p>DATE: 1/1/2022 SIGNED: <i>Daryl Dasher</i> Work Order: 4303-12-2021</p> <p>Daryl Dasher, A&P: 3494603 IA Printed by EBis 3 (datcomedia.com)</p>					

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record			
	Hours	Min	Hours	Min	Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins			
Carried forward:								
ENGINE MODEL: IO-550B89B		Dash Air, Inc.						DATE: 9/6/2022 A/C TSN: 55184 ENG TT 4247 HOBBS: 763.3
ENGINE S/N: 1037500		1023 NW Graham Road						
REG NO: 7235E		Troutdale, OR 97060						
WORK ORDER: 4349-04-2022		Phone: (503)492-0406						
Engine Entries								
Performed 50 hour maintenance and service. Drained oil. Changed oil filter. Inspected oil filter element. Serviced with Aeroshell W100 50 weight compounded oil. Cleaned engine and cowling. Test run / leak check good.								
DATE: 9/6/2022		SIGNED:		<i>Daryl Dasher</i>		Work Order: 4349-04-2022		
				Daryl Dasher, A&P: 3494603 IA				Printed by EBis 3 (datcomedia.com)
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ENGINE MODEL: IO-550B89B		Dash Air, Inc.						DATE: 3/2/2023 A/C TSN: 5558.2 ENG TT 4645 HOBBS: 803.1
ENGINE S/N: 1037500		1023 NW Graham Road						
REG NO: 7235E		Troutdale, OR 97060						
WORK ORDER: 4458-10-2022		Phone: (503)492-0406						
Engine Entries								
Performed annual inspection and service. Drained oil. Changed oil filter. Inspected oil filter element. Inspected and cleaned oil suction screen. Serviced with Aeroshell W100 50 weight compounded oil. Performed compression check #1-66 #2-64 #3-65 #4-63 #5-70 #6-68. Cleaned and gapped spark plugs. Checked mag timing. Checked engine controls. Inspected intake and exhaust systems. Inspected induction air filter. Cleaned engine and cowling. Test run / leak check good... CSB07-01A Continental connecting rod piston pin bushing complied with by screening the oil. No metal found in screen. AD 2022-16-03 8/15/2022 TCM S-1200 Mags. Not applicable by mags serial numbers... AD 2023-02-12 02/17/2023 Superior Air Parts intake valve not applicable by affected part not installed.								
I certify this engine has been inspected in accordance with an annual inspection per FAR 43 appendix D and was found airworthy.								
DATE: 3/2/2023		SIGNED:		<i>Daryl Dasher</i>		Work Order: 4458-10-2022		
				Daryl Dasher, A&P: 3494603 IA				Printed by EBis 3 (datcomedia.com)
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ENGINE MODEL: IO-550B89B		Dash Air, Inc.						DATE: 9/6/2023 A/C TSN: 5608.2 ENG TT 5145 HOBBS: 853.1
ENGINE S/N: 1037500		1023 NW Graham Road						
REG NO: 7235E		Troutdale, OR 97060						
WORK ORDER: 4629-09-2023		Phone: (503)492-0406						
Engine Entries								
Performed 50 hour maintenance and service. Drained oil. Changed oil filter. Inspected oil filter element. Serviced with Aeroshell W100 50 weight compounded oil. Cleaned engine and cowling. Test run / leak check good... CSB07-01A Continental connecting rod piston pin bushing complied with by screening the oil. No metal found in screen.								
DATE: 9/6/2023		SIGNED:		<i>Daryl Dasher</i>		Work Order: 4629-09-2023		
				Daryl Dasher, A&P: 3494603 IA				Printed by EBis 3 (datcomedia.com)
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Date	Total Time	Time Since Last Overhaul	Engine Service and Maintenance Record			
			Record maintenance actions including engine part removal and			
Carried	TAIL NUM:	N7235E		DATE:	03-11-24	Carried
	ENG MDL:	IO-550-B89B		HOBBS:	871.8	
	ENG S/N:	1035700				
				ENGINE T.T.	533.2	
	<p>Engine ran for op's checks. Obtained oil sample and submitted. Removed oil filter, opened and inspected, installed new filter CH48109-1 and serviced engine with 11 Qt's W15W50 Aero Shell oil. Cylinder compression #1 60/, #2 52/, #3 48/, #4 56/, #5 56/, and #6 50/80. Plugs cleaned, tested and rotated at install with new gaskets. Oil cooler removed for repair by Skyline Accessories and reinstalled with new gaskets. Engine washed and test ran for leak checks. I certify that this engine has been inspected I/A/W a 100 hour inspection and was determined airworthy for return to service this date.</p> <p><i>Mark Drumm APP 3752096</i></p>					

10/7/24 100hbs - 918.0
 Replaced oil filter. Drained oil +
 serviced engine with 11 qts
 W15W50 Aero Shell oil.
 Obtained oil sample + submitted
 for testing. Ran engine +
 checked for leaks - ops c/tech
 Good. Mark Drumm owner



Continental Motors, Inc.
www.continentalmotors.aero