

#4



The Standard

ENGINE LOG

AGM-50-1

YEAR 20____ 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.)
		06-07-2024 Continental	N84BH E-225	Tach: 607.6 TSN: 2906.8 SMOH: 477.4 S/N 35687-D-9-8-R
		<p>Inspected engine this date IAW FAR 43 Appendix D. Compression check as follows: #1 77/80 #2 73/80 #3 74/80 #4 75/80 #5 74/80 #6 73/80. Checked oil level at 8qts. and checked oil filter for security. Checked magneto to engine timing. Checked gascolator fuel screen. Cleaned & serviced induction filter. Checked all engine wiring & hoses. Checked exhaust and induction & fuel systems. Removed, cleaned, inspected & re-installed all spark plugs. Post run-up and leak check OK. ADs checked to 2024-10 T-Data. I certify this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition. --- END --- Lance Lanning IA 2734801</p>		

YEAR 20____ 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.)
		07-01-2025 Continental	N84BH E-225	Tach: 621.8 TSN: 2921.0 SMOH: 491.6 S/N: 35687-D-9-8-R
		<p>Inspected engine this date IAW FAR 43 Appendix D. Compression check as follows: #1 75/80 #2 75/80 #3 74/80 #4 75/80 #5 78/80 #6 77/80. Drained oil and filled with 8 qts. Phillips X/C 20/50. Removed oil filter (cut open and inspected, no defects) and replaced with AA48109-2. Oil sample sent out for analysis. Checked magneto to engine timing 26R/25L. Checked gascolator fuel screen. Cleaned & serviced induction filter. Checked all engine wiring & hoses. Checked exhaust and induction & fuel systems. Removed, cleaned, inspected & re-installed all spark plugs. Post run-up and leak check OK. AD's checked to 2025-10 T-Data & FAA website. I certify this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition. --- END --- Lance Lanning IA 2734801</p>		

YEAR 20____ 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.)
06-05-2023		N84BH		Tach: 606.4
Continental		E-225		TSN: 2905.6
				SMOH: 476.2
				Inspected engine this date IAW FAR 43 Appendix D. Compression check as follows:
				#1 74/80 #2 73/80 #3 73/80 #4 75/80 #5 74/80 #6 74/80. Drained oil and serviced engine with 9
				quarts Phillips XC20-50. Removed oil filter and replaced with new, P/N AA48109. Cut and
				inspected old oil filter, normal engine wear indicated. Checked magneto to engine timing.
				Checked gascolator fuel screen. Cleaned & serviced induction filter. Checked all engine
				wiring & hoses. Checked exhaust and induction & fuel systems. Removed, cleaned, inspected
				& re-installed all spark plugs. Post run-up and leak check OK. ADs checked to 2023-10 T-Data.
				I certify this engine has been inspected in accordance with an annual inspection and was
				determined to be in airworthy condition. --- END --- Lance Lanning IA 2734801

YEAR 20____ 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.)
		L&T Aviation, LLC.		
		N84BH		
			09-23-2024	
				Metter, GA (KMHP)
				Tach: 608.2
				Removed cylinder # 5 and replaced with new Continental cylinder and valve assembly
				kit from, Continental Aerospace Technologies, Inc. work order number 824678.
				Cylinder part number 658818A4, serial number see 8130-3 for more details. 8130
				placed with aircraft records. Removed RH exhaust collector and replaced with new
				RH collector with slip, from AWI, Inc. P/N: K35-950116A, S/N: 295213. All work in
				accordance with Beech and Continental overhaul manuals. Post maintenance
				engine run-up OK. ---- END ---- Lance Lanning AP2734801

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Coffey County Airport

Burlington, KS

9/2/21

N#: 84BH

TCM E-225

S/N: 35687-D-9-8-R

Tach: 576.0

Removed the #4 cylinder due to a stuck exhaust valve. Sent the cylinder to Midwest Aircraft Services, Inc. for repair (see tag, W/O# 16068 dated 9-1-21). Cylinder came back from Midwest Aircraft Services with the piston and new rings already fit and installed in the cylinder. Pulled the piston out far enough to facilitate installation of the piston pin (as removed) and cylinder. Installed the cylinder with a new base o-ring (P/N 532200) and new push rod seals. Installed the push rods, rocker arms, and rocker shaft as removed. Torqued the cylinder base nuts and checked the dry lifter clearances per Continental E-225 Overhaul Manual X30016. Installed new intake seals on #4 and #6 cylinders (2 ea. P/N SA536740) and installed the exhaust collector with new gaskets (3 ea. P/N RA627429). Drained the engine oil and removed the oil filter. Installed a new AA48109 oil filter, torqued, and safetied. Serviced the engine with 10 quarts Phillips 20W-50 oil. Ran the engine for an operational and leak check. Brandon Neff A&P 3083333, *Brandon Neff*

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06-08-2022

Continental

N84BH

E-225

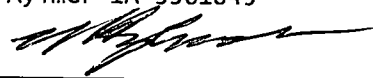
Tach: 603.2

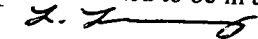
TSN: 2902.4

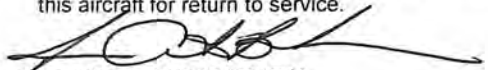
SMOH: 473.0

S/N 35687-D-9-8-R

Inspected engine this date IAW FAR 43 Appendix D. Compression check as follows:
#1 76/80 #2 72/80 #3 72/80 #4 75/80 #5 76/80 #6 70/80. Drained oil and serviced engine with 9 quarts Phillips XC20-50. Removed oil filter and replaced with new, P/N AA48109. Cut and inspected old oil filter, normal engine wear indicated. Checked magneto to engine timing. Checked gascolator fuel screen. Cleaned & serviced induction filter. Checked all engine wiring & hoses. Checked exhaust and induction & fuel systems. Replaced right hand exhaust stack (collector assembly) with new, P/N BES0001 (35-950116), S/N 049204-0001 from Wall Colmonoy Corp (PQ0352SW). 8130-3 form placed with aircraft records. Stack installed with new gaskets, nuts & 3 new exhaust studs. Removed, cleaned, inspected & re-installed all spark plugs. Post run-up and leak check OK. ADs checked to 2022-10 T-Data.
I certify this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition. --- END --- Lance Lanning IA 2734801
Lance Lanning


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	04-17-2020			
	Continental			
		N84BH		
		E-225		
		Tach: 557.3		
		TSN: 2856.5		
		SMOH: 427.1		
		S/N 35687-D-9-8-R		
				Inspected engine this date IAW FAR 43 Appendix D. Compression check as follows: #1 77/80 #2 76/80 #3 75/80 #4 77/80 #5 77/80 #6 75/80. Drained oil and serviced engine with 9 quarts Phillips XC20-50. Removed oil filter and replaced with new, P/N AA48109. Cut and inspected old oil filter, normal engine wear indicated. Checked magneto to engine timing. Checked gascolator fuel screen. Cleaned & serviced induction filter. checked all engine wiring & hoses. Checked exhaust and induction & fuel systems. Removed, cleaned, inspected & re-installed all spark plugs. Post run-up and leak check OK. ADs checked to 2020-06 T-Data. I certify this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition. --- END --- Nigel Aylmer IA 3361845
				

YEAR 20____ 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.)
	05-04-2021			
	Continental			
		N84BH		
		E-225		
		Tach: 570.5		
		TSN: 2869.7		
		SMOH: 440.3		
		S/N 35687-D-9-8-R		
				Inspected engine this date IAW FAR 43 Appendix D. Compression check as follows: #1 77/80 #2 74/80 #3 72/80 #4 76/80 #5 75/80 #6 76/80. Drained oil and serviced engine with 9 quarts Phillips XC20-50. Removed oil filter and replaced with new, P/N AA48109. Cut and inspected old oil filter, normal engine wear indicated. Checked magneto to engine timing. Checked gascolator fuel screen. Cleaned & serviced induction filter. Checked all engine wiring & hoses. Checked exhaust and induction & fuel systems. Removed, cleaned, inspected & re-installed all spark plugs. Post run-up and leak check OK. ADs checked to 2020-08 T-Data. I certify this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition. --- END --- Lance Lanning IA 2734801
				

YEAR 20____ 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.)
				<ul style="list-style-type: none"> Replaced induction air filter with new. Replaced engine control cable rod ends with new. Run-up, mag check, prop check, idle & mixture check satisfactory. All AD's researched through this date. I certify this ENGINE has been inspected in accordance with an Annual inspection and is found to be in an airworthy condition. I certify the above work was performed in reference to Manufacturer's specifications and applicable FAR's. I approve this aircraft for return to service.
				 Curtis Boulware A&P 3232817 IA ----- END -----

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				AUGUSTA AVIATION, INC. DANIEL FIELD (DNL) 1775 HIGHLAND AVE. AUGUSTA, GA 30904 "Excellence Since 1940" Date: 10/05/2018; Aircraft: N84BH; Type: E35; S/N: D3753; Tach: 531.87; Total Time: Removed vacuum system from firewall forward to include G-455 pump and regulator. Capped lines at firewall fitting and air/oil separator as required. Installed blank off plate PN: 640380-D using new gasket PN: 653487 IAW Continental E-225 Manual. Weight and Balance change calculated with avionics install under W/O A-18-2550. Performed ground run, no leaks noted with vacuum pump plate at this time. I certify the work performed was conducted in accordance with the applicable manufacturer instructions and is approved for return to service.  Derrick Scott A&P 3650710 IA

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		N84BH	11-16-2016	Tach: 513.5
		<p>Replaced all four engine mount isolation rubbers, P/N J-3804-26. Replaced all six intake riser pipe seals, P/N SA536740. Removed cylinder #2 and replaced with servicable yellow tag unit from Loth Engineering, Inc (CRS-UA4R563M), work order number 9096. Cylinder part number 653455, serial number 9096-1. Yellow tag placed with aircraft records. Removed PS-5C carburetor part number 391330-8, Serial number 730460R and sent for overhaul to Mikes Aircraft Fuel Metering Service (HK2R875K), work order number 38389. Re-installed carburetor after overhaul. Yellow tag placed with aircraft records. All work in accordance with Beech and Continental overhaul manuals. Post maintenance engine run-up OK. — END — Nigel Aylmer AP3361845</p> <p><i>Nigel Aylmer</i></p>		

YEAR 20____ DATE	RECORDING	TODAY'S	TOTAL	Description of Inspections, Tests, Repairs and Alterations																		
	 <p>Baker Aviation 333 South Street, New Smyrna, FL 386-837-4073</p>			<table border="1"> <tr> <td>ELT Battery Date</td> <td>April 2023</td> </tr> <tr> <td>Engine Type</td> <td>CM E-225-8</td> </tr> <tr> <td>Serial Number</td> <td>35687-D-9-8-R</td> </tr> <tr> <td>TTS MOH:</td> <td>515.6</td> </tr> <tr> <td>TTIS:</td> <td>?</td> </tr> <tr> <td>Propeller Type</td> <td>Beech 215-107-84</td> </tr> <tr> <td>Serial Number</td> <td>4-2000</td> </tr> <tr> <td>TTS MOH:</td> <td>0</td> </tr> <tr> <td>TTIS:</td> <td>?</td> </tr> </table>	ELT Battery Date	April 2023	Engine Type	CM E-225-8	Serial Number	35687-D-9-8-R	TTS MOH:	515.6	TTIS:	?	Propeller Type	Beech 215-107-84	Serial Number	4-2000	TTS MOH:	0	TTIS:	?
ELT Battery Date	April 2023																					
Engine Type	CM E-225-8																					
Serial Number	35687-D-9-8-R																					
TTS MOH:	515.6																					
TTIS:	?																					
Propeller Type	Beech 215-107-84																					
Serial Number	4-2000																					
TTS MOH:	0																					
TTIS:	?																					
		Date: 01/25/18 Registration: N84BH Make/ Model: E35 Serial Number: D-3753 Tach / Hobbs: 515.6 TTAF: 3706.9		<ul style="list-style-type: none"> Performed Annual Inspection in accordance with FAR 43 appendix D and the Bonanza 33, 35, & 36 Annual Long Form Inspection Guide, reissued March 1985. Performed Compression check, numbers listed below. Compression check performed using TCM master orifice. Failing indication is 42/80 or below. <ul style="list-style-type: none"> (1) 68/80 (2) 70/80 (3) 72/80 (4) 70/80 (5) 70/80 (6) 74/80 Drained engine oil and serviced with 10 quarts Aeroshell 100W and new Tempest AA48109-1 filter Check fuel screen for contaminants. None noted. Cleaned, gapped, and checked all spark plugs. Lubed all engine controls. Replaced all pneumatic filters with new. 																		
				Continued next page →																		

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Big Machine, LLC.

10/24/14 A/C N84BH Total time: 3670.55 Engine Model Teledyne Cont. E225-8

S/N 35686-D-9-8-R-T TSMO: 349.17 Tach: 479.27

Drained Engine oil and removed oil filter. Inspected filter and reinstalled new filter. Serviced engine with A/S100W oil. Removed spark plugs and cleaned and gapped and tested. Performed compression test and found compressions normal. Installed spark plugs and checked magneto timing. All applicable ADs complied with. All work accomplished in accordance with Teledyne Cont. manual. I certify I have inspected this Engine in accordance with a 100hr inspection and found it to be Airworthy.


John Gasho Jr. AP3650245

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12-4-2015

AC S/N D3753

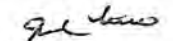
N84BH

AFTT: 3677.98

Tach 486.71 Engine TSMOH: 356.17

Hobbs: 416.6

Complied with 100 hour inspection IAW FAR 43 APPENDIX (D). Engine compressions taken as follows: # 1 72/80 # 2 74/80 # 3 72/80 #4 70/80 #5 75/80 #6 76/80. Researched AD's, all applicable AD's complied with. I certify that this ENGINE has been inspected IAW 100 hour inspection and is in an airworthy condition at this time.


Joel Tricomo AP 3188430

YEAR 20____ 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.)
				SOUTHWEST FLIGHT CENTER
				ENGINE
				N84BH 06-08-12 T-454.81
				TCN-E225-8 ETT-2754.20 TSO-324.71
				S/N-35686-D-9-8-R-T
				Performed A 100Hr Inspection . Drain Oil,Opened,Inspected
				Oil Filter,No Contaminants Found. Installed New Oil
				Filter,Serviced 10Qts A/S W100 Oil.Checked Compression #1-
				73/80, #2-70/80, #3-72/80, #4-76/80, #5-74/80, #6-74/80.
				Adjusted Idle Mixture And Idle Speed.Checked Ad's Thru.
				Rev. 2012-10.Washed Engine,Ran For Leak Check No Leaks
				Noted,Engine and Propeller Operation,Normal..
				I Certify That This Engine Was Inspected I/A/W A 100Hr
				Inspection And Was determined To Be In Airworthy
				Condition At This Time.
				Sign <u>George Encinas</u> Print George Encinas
				Cert AP1379369IA
				SCOTTSDALE AIRPORT 480-991-2880

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				SOUTHWEST FLIGHT CENTER
				ENGINE
				N84BH 07-26-13 T-471.4
				TCN-E225-8 ETT-2770.79 TSO-341.30
				S/N-35686-D-9-8-R-T
				Performed A 100Hr Inspection . Drain Oil,Opened,Inspected
				Oil Filter,No Contaminants Found. Installed New Oil
				Filter,Serviced 10Qts A/S W100 Oil.Checked Compression #1-
				76/80, #2-74/80, #3-77/80, #4-76/80, #5-76/80, #6-74/80.
				Adjusted Idle Mixture And Idle Speed.Checked Ad's Thru.
				Rev. 2013-14.Washed Engine,Ran For Leak Check No Leaks
				Noted,Engine and Propeller Operation,Normal..
				I Certify That This Engine Was Inspected I/A/W A 100Hr
				Inspection And Was determined To Be In Airworthy
				Condition At This Time.
				Sign <u>George Encinas</u> Print George Encinas
				Cert AP1379369IA
				SCOTTSDALE AIRPORT 480-991-2880

Engine Record General Information

Manufacturer TCM Model E225-8

Serial 35686-D-9-8-R-T Type Certificate _____

This engine is currently installed in aircraft: _____

Minimum Octane Fuel _____ Oil Grade: Summer _____ Winter _____

Magneto Time _____ Point Setting _____ Firing Order _____

Spark Plug Gap _____

Manufacturer's Recommended Overhaul at _____ hours