

N18MD

#3



The Standard

AIRCRAFT LOG

ASA-SA-2

Aircraft Record General Information

Manufacturer Reed

Model D55

Serial TE-455

Registration Number N 184D

Date of Manufacture _____

Engine(s) currently installed:

Manufacturer _____

Model _____

Serial _____

Manufacturer _____

Model _____

Serial _____

Propeller(s) currently installed:

Manufacturer _____

Model _____

HUB Model _____

Serial _____

Serial _____

Blade Model _____

Serial _____

Serial _____

Serial _____

Blade Model _____

Serial _____

Serial _____

Serial _____

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.)

WO: 5259



Waypoint Aviation Services · 6873 Flight Rd. · Riverside, CA 92504 · 951-977-8361

Airframe - Page 1 of 2

April 1, 2020

N18MD

hobbs: 1841.3

ACFT: 4809.0

Beechcraft, D55, S/N: TE-455

I certify this airframe identified above was inspected in accordance with an Annual Inspection and was found to be in an airworthy condition. Ran electrical check, cleaned fuel strainer, lubricated all points and repacked wheel bearings. Complied with FAR 91.207 paragraph (C) & (D) on ELT. Replaced (2) BA-6205 Air filters. Replaced (8) APS066-04400 Brake linings on left and right main gear. Replaced (2) RA-83-5-1 Tempest garter air filter. Serviced propeller accumulators with Nitrogen. Removed and reinstalled oxygen bottle after hydro static inspection by A to Z cylinders. Removed and resealed brake calipers. Replaced o-rings P/N MS28775-222. Removed and reinstalled nose landing gear strut after overhaul. Replaced o-rings included in reseal kit P/N NG58SS-K1, serviced with Nitrogen and 5606H hydraulic fluid. Adjusted landing gear tensions to specification. Adjusted knee to skin clearance on landing gear to specification. Adjusted uplock and downlock tensions to specification. Replaced (2) 45-815091-3 Springs on landing gear retract rod, installed with (2) MS20392-3C33 Pins. Serviced landing gear box with Mobile 636 oil. Removed and reinstalled right inner gear door after adjustment, replaced mounting hardware. Replaced (1) 35-810122-1 Bushing on right main gear knee. Replaced (1) ADNEL6-317 Rod end and (1) ADNE5-323 Rod End on forward nose gear retract rod. Replaced (1) 104-820050-3 Arm on nose gear aft retract rod, installed with (1) AN26-28 Bolt & (1) MS16624-1131 Retaining Ring. Replaced (1) 35-825188 Spring on nose gear downlock, replaced (1) MS20392-2C29 Clevis Pin. Adjusted nose gear uplock tensions

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WC: 5259

Airframe - page 2 of 2



Waypoint Aviation Services • 6873 Flight Rd. • Riverside, CA 92504 • 951-977-8361

to specification. Removed and reinstalled left flap actuator after reseal, cleaned and lubricated actuator, replaced (2) MS16625-1112 Snap Rings. Replaced all landing gear servicing placards. Replaced Fuel quantity placards. Removed and resealed shimmy damper, installed new O-Rings, serviced with hydraulic fluid. Removed and reinstalled cabin assist step after repair by T&T Welding. Replaced (1) FCA-25750 Gasket on right AUX fuel sender, performed leak check. Repalced (16) MS27039-08-08 Screw on aileron mounting hardware. Replaced (1) 131765-1F Rod End on right and left propeller governor controls.

All airworthiness directives through January 2020 checked for compliance and recurrence. AD 91-15-20 Engine Mount Inspection - Complied with by inspection of engine mounts, no defects noted. Next Due AFTT 4909.0

This airframe identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Details of the work performed are on file with Waypoint Aviation Services under work order 5259.

Matthew LaPrade A&P IA 3741782

YEAR
20
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Description of Inspections, Tests, Repairs and Alterations
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Pacific Coast Avionics

Registration: N18MD

Make: BECH

Model: D55

S/N: TE-455

Aircraft Time: Hobbs: 1859.3

Tach: N/A
CRS OPXR455L

Updated Garmin GNS 530W s/n 23802879 to main software version 5.4 IAW with Garmin Service Bulletin 1766 Rev A. NDN. Installed Flight Stream 210 p/n 011-03257-40 s/n 3RE008869 IAW Garmin manual 190-01700-00 Rev G. Unit installed on top of coplots glovebox and receives power from an inline 1A fuse. NDN.
This aircraft has been inspected in accordance with current federal aviation regulations and found to be airworthy with respect to the work performed. Details will be on file at Pacific Coast Avionics under John Brannigan, work order 20-907.

Signature: Chad Robertson

511120

Hillsboro Beechcraft



KH10 Hillsboro Airport

Dec 9, 2019

N18MD

Airframe

Beech D55 s/n TE-455

Hobbs 1824.4 4792.1 TTAF

Removed defective Artex ELT45 and replaced with new Artex 345 serial number 317-01340 and new ELT Battery p/n A3-06-2883 serial number 382910-045 Revision E. **NEW ELT BATTERY EXPIRATION OCT 2026.** Performed ELT check, 91.207 check, and test flown, all found satisfactory. ~~~ Nothing follows. ~~~

J. Michael Brannigan, 2812174AP

Hillsboro Beechcraft



KH10 Hillsboro Airport

Sep 1, 2020

N18MD

Airframe

Beech D55 s/n TE-455

Hobbs 1875.4 4843.1 TTAF

Replaced 2 x Concorde RG25 ship batteries with 2 x Concorde RG25XC batteries. Installed BM-AIK2 Battery Minder charge port in nose baggage compartment avionics shelf area. Fabricated & installed 2-wire battery charger connection harness using MIL-W-22759/16 wire with 10A inline circuit protection fuse. Attached to battery relay and airframe ground with ring terminals. Terminated opposite end with Anderson SB50 plug with protective cover. All work IAW AC43.13/1B. Verified continuity, polarity, tested with charger and for proper aircraft electrical system operation. Ground function check, test flown, all found satisfactory. ~~~ Nothing follows. ~~~

J. Michael Brannigan, 2812174AP

Hillsboro Beechcraft



KHIO Hillsboro Airport

Nov 5, 2020

N18MD

Airframe

Beech D55 s/n TE-455

Hobbs 1881.2 4848.9 TTAF

Removed factory fuel pressure gauge p/n United Instruments 6221 serial number K12240. Installed Shadin Avionics Digiflo-L Fuel computer p/n 910532P s/n 9626 in accordance with SA486GL and Shadin Company Report 4023. Drained factory fuel pressure lines and sealed with caplugs and AN929-4 fittings. Dual control arm and copilot yoke removed and replaced with single Beech control arm. AD 71-24-10R1 N/A by control yoke part number. New weight and balance generated by computation. Ground checked, ground run, and test flown, all found satisfactory. ~~~ Nothing follows. ~~~

J. Michael Brannigan, 2812174AP

Pacific Coast Avionics

CRS OPRR4SL

Registration: N18MD

Make: Beech

Model: D55

S/N: TE-455

Aircraft Time: Hobbs: 1908.1

Tach: N/A

Troubleshoot out of tolerance leak in static system and found multiple bad fittings aft of pilots panel, and a case leak in the Airspeed Indicator. Removed Airspeed Indicator for overhaul and sent in to Airtech under PO 21-PCA-2700. Reinstalled repaired unit and replaced fittings aft of pilot panel. Work performed IAW Beech D55 maintenance manual to meet the requirements of 14 CFR 23.1325, NDN. Interfaced Shadin Fuel Flow Indicator to Garmin GNS 530W IAW G530W installation manual 190-00357-06 Rev D, dated Mar 2002. NDN. Performed 14 CFR 91.411 certification of the altimetry system. The altimeter, static system, and altitude reporting system have been tested and found to meet the requirements of 14 CFR Part 43 Appendix E to a pressure altitude of 20,000 feet. Performed 14 CFR 91.413 certification of the Garmin GTX 330ES Transponder s/n 84100336 and found the transponder to meet the requirements of 14 CFR Part 43 Appendix F.

This aircraft has been inspected in accordance with current federal aviation regulations and found to be airworthy with respect to the work performed. Details will be on file at Pacific Coast Avionics under Mike Brannigan, work order 21-4379.

Signature: Chad Robertson

Date: 3/26/2021

Twin Oaks Aircraft Maintenance, LLC
Daniel W Stark
12405 SW River Road
Hillsboro, OR. 97123
danny@twinoksaircraft.com
Tach: 1930.5 & AFTT: 4898.2

5/19/2021
Beech D55
Continental IO-550-C7F
Hartzell PHC-C3YF-2UF

N18MD
S/N: TE-455
S/N LH: 271787-R
RH: 271786-R
S/N LH: EB3411A
RH: EB3410A

Completed annual inspection per service manual and FAR 43 appendix D. ELT was inspected IAW FAR 91.207(d) (1-4), battery due 10/2026. C/W AD 2007-08-08 effective 5/25/2007 lubrication of up lock rollers, next due tach: 2030. C/W AD 91-15-20 effective 9/3/1991 engine mount inspection, no defects noted, next inspection due at tach: 2030. Secured the LH prop control rod end. Secured the engine controls. Secured the LH vacuum pump outlet hose. Secured the RH engine tach generator plug. Secured the RH engine fuel control blast tube. Secured the RH engine ground. Re-worked both spinners forward nutplates. Replaced brake linings. Removed the nose landing gear assembly, cleaned, inspected, replaced parts as required, overhauled the strut assembly and reinstalled (P/N's: 139909B102, 60-820032-3, 60-820032-1, 60-820032-5, 60-820039, nose strut overhaul kit). I certify this aircraft was inspected IAW an annual inspection and was determined to be in airworthy condition.

Daniel W Stark 2708377 IA

N18MD

June 25, 2021

Hobbs 1951.4

Work Performed: Replaced right main tire and tube with owner provided parts. Tire is Goodyear Flight Custom 301-035-006 6.50-8 tire. Replaced outboard wheel bearing with 13889 and race with 13836. Wheel bearings packed with SHC 100.

Dirk H Wittig A&P 2686407 IA
Northwest Aircraft Maintenance (503) 648-3670

YEAR 20__	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.)

Hillsboro Beechcraft



KH10 Hillsboro Airport

May 12, 2022 N18MD Airframe Beech D55 SN TE-455 Hobbs 2026.3 4994.0 TTAF

Removed GEM 1200 engine analyzer, wiring, and probes. Installed new JPI790 engine analyzer, wiring, and probes for both engines using JPI Installation manual 8-1-14 Rev. B. W/B change is negligible. Removed left engine due to time. Installed zero-time exchange engine from Western Skyways. Installed overhauled propeller from Johnson Propeller. Test run satisfactory. ~~~ Nothing follows ~~~


J. Michael Brannigan, 2812174 AP

Hillsboro Beechcraft

KH10 Hillsboro Airport



Aug 30, 2022 N18MD Airframe Beech D55 SN TE-455 Hobbs 2094.2 5061.9 TTAF

Complied with AD 90-08-14 and Raytheon MSB 53-2269 rev. 2 via instructions incorporated therein. No cracks noted in spar web faces from visual or NDT inspection. Next inspection due 2594.2. Repaired minor leak at emergency landing gear crank flange seal. ~~~ Nothing follows ~~~

A handwritten signature in blue ink, which appears to be "J. Michael Brannigan". The signature is stylized with large, sweeping loops.

J. Michael Brannigan, 2812174 AP

YEAR

20

DATE

N18MD S/N: TE-455 Hobbs: 2130.8. TTAf: 5098.5. 10/24/2022

1. Complied with AD 91-15-20. No abnormalities noted.
2. Complied with AD 2007-08-08. Examined and lubricated lockup roller bearings with Mobile SHC 100. No abnormalities noted.

All maintenance completed AIW Beechcraft Service Instruction No. 0488-211, Rev. 1 and Beechcraft Mandatory Service Bulletin No. 2362, Rev 1. Next required inspection and service to be performed at or before Hobbs: 2230.8 and/or TTAf 5198.5.

This aircraft is determined to be airworthy with respect to the maintenance performed as described above.

R. Larranaga 2782626AP.

R. Larranaga

November 17, 2022 Hobbs: 2136.5

N18MD Beechcraft Baron D55 S/N: TE-455

AIRFRAME



- Removed LH MLG tire assembly. Installed new tube P/N 092-337-0 and tire P/N 301-036-006 S/N 160929.
- Cleaned, inspected, and repacked wheel bearings.
- Installed new oxygen charging valve P/N 26875-48 - no leaks detected.

This aircraft is approved for return to service with respect to the above work performed.

Maria Vianco A&P# 4522241

Maria Vianco

W.O. 9677

Repairs and Alterations
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ages for other specific entries.)

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D

N18MD S/N: TE-455 Hobbs: 2130.8. TTAF: 5098.5. 11/21/2022

ts, Repairs and Alterations
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pages for other specific entries.)

1. Removed left alcohol discharge tube and installed AN4 cap on elbow.

2. Labeled prop anti-ice switch INOP.

This aircraft is determined to be airworthy with respect to the maintenance performed as described above.

R. Larranaga 2782626AP. *R Larranaga*

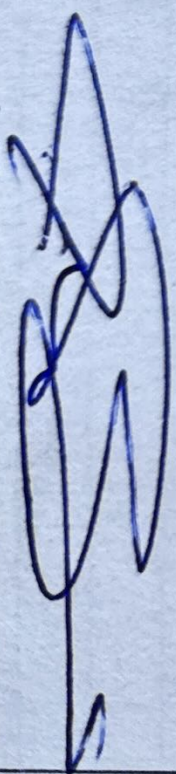
Hillsboro Beechcraft



KH10 Hillsboro Airport

Jan 20, 2023 N18MD Airframe Beech D55 SN TE-455 Hobbs 2188.9 5156.6 TTAF

Replaced weak avionics master breaker-switch with new 35A TE W31-X2M1G-35. Operation check successful. ~~~ Nothing follows ~~~



J. Michael Brannigan, 2812174 AP



WESTERN
Skyways
INC.

GOLD SEAL AIRCRAFT ENGINES

21 Creative Pl. Montrose, CO 81401

(970) 249-0232 800-575-9929

Fax: (970) 249-4155

www.westernskyways.com

Date: 6 April 2023

Tach time: 156.9

Total time:

Aircraft Model: Beech D55

#1 Engine Model: Cont IO-550-C

#2 Engine Model:

#1 Prop Model: Pratt PHC-C3YF-2UF/FC7663B-2R

#2 Prop Model:

Reg. Number: N18MD

Hobbs Time: 2196.8

Work Order Number: B001280

Serial Number: TE-455

Serial Number: 684240

Serial Number:

Serial Number: EB8411A

Serial Number:

Total time: 1879.9

Total time:

Total time: Unknown

Total time:

TSO: 167.5

TSO:

TSO: 0

TSO:

Removed engine IO-550-C serial number 684240 for repairs. Removed propeller PHC-C3YF-2UF/FC7663B-2R for repairs. Installed repaired engine IO-550-C serial number 684240. Reinstalled original engine shock mounts, engine mount bolts, exhaust and baffles. Serviced engine with Aeroshell 100 mineral oil.

Installed overhauled propeller PHC-C3YF-2UF/FC7663B-2R serial number EB8411A. Installed 2 new nut plates on spinner bulkhead.

Ground run, leak and operational checks good. Checked idle speed, mixture, magneto drops. Performed full power ground run and checked RPM, MAP and fuel flow.

Ryan Dickerson

Airframe and Powerplant 2670501

[Signature]



GOLD SEAL AIRCRAFT ENGINES

21 Creative Pl. Montrose, CO 81401

(970) 249-0232 800-575-9929

Fax: (970) 249-4155

www.westernskyways.com

Date: 17 April 2023

Tach time: 159.9

Total time:

Aircraft Model: Beech D55

#1 Engine Model: Cont IO-550-C

#2 Engine Model:

#1 Prop Model: Hart PHC-C3VF-2UF/FC763B-2R

#2 Prop Model:

Reg. Number: N18MD

Hobbs Time: 2200.5

Work Order Number: B001280

Serial Number: TE-455

Serial Number: 684240

Serial Number: 1883.6

Serial Number: EB8411A

Serial Number:

Total time:

Total time: Unknown

Total time:

Total time:

Total time:

Total time:

Total time:

Total time:

TSO: 171.2

TSO: 3.7

TSO:

TSO:

TSO:

TSO:

TSO:

TSO:

Removed left engine cowlings. Cleaned cowlings.

Installed new hose clamp on breather hose to overboard exit tube. Installed new hose clamp at fuel control blast hose.

Installed new terminal ends on alternator field wires.

Removed induction balance tube. Adjusted position of balance tube support bracket. Reinstalled balance tube. Checked clearance of propeller governor control arm, checks good.

Removed starter 646275-1 serial number T01CA066R. Installed overhauled starter 646275-1 serial number H-P-272009.

Installed new baffle attach screws as needed.

Installed new vacuum pump inlet filter B3-5-1.

Removed alternator and reinstalled with new gasket.

Ryan Dickerson

Airframe and Powerplant 2670501

Lubrication
91-15-2

May 9, 2023

Hillsboro

Twin Oaks Aircraft Maintenance, LLC
Daniel W Stark
12405 SW River Road
Hillsboro, OR. 97123
danny@twinoksaircraft.com
Tach: 2215.1 & AFTT: 5182.8

8/17/2023
Beech D55
Continental IO-550-C7F
Hartzell PHC-C3YF-2UF
N18MD
S/N: TE-455
S/N LH: 684240
RH: 271786-R
S/N LH: EB3411A
RH: EB3410A

Completed annual inspection per service manual and FAR 43 appendix D. ELT was inspected IAW FAR 91.207(d) (1-4), battery due 10/2026. C/W AD 2007-08-08 effective 5/25/2007 lubrication of up lock rollers, next due tach: 2315. C/W AD 91-15-20 effective 9/3/1991 engine mount inspection, no defects noted, next inspection due at tach: 2315. C/W AD 2023-09-09 effective 7/17/2023 DNA by part not installed. C/W AD 2023-10-02 effective 5/26/2023, DNA by part not installed. C/W AD 2022-03-15 effective 3/21/2022 DNA by part not installed. Replaced the RH engine mounts with new. Replaced the landing gear motor with overhauled P/N: 58-380090 S/N: AA14091 (see respective release certificate near this date). Replaced the landing gear spur and pinion with new P/N: 35-810135. Removed the RH brake cylinder, clean, inspect, replace o-rings, reinstall and bleed. Replaced the rear seat cabin heat SCAT tubing. Secured the LH landing gear door actuator rod end bearing. Replaced the LH landing gear uplock cable with new P/N: 35-815109. Secured the LH oil temp probe. Secure the LH exhaust hanger. Installed alternator exhaust tubes. I certify this aircraft was inspected IAW an annual inspection and was determined to be in airworthy condition.

Daniel W Stark 2708377 IA

Hillsboro Beechcraft

KHIO Hillsboro Airport

May 9, 2024 N18MD Airframe Beech D55 SN TE-455 Hobbs 2311.5 5279.2 TTAF

Lubricated uplock rollers per AD 2007-08-08. Next due Hobbs 2411.5. Inspected Left and Right engine mounts per AD 91-15-20, no cracks noted. Next due Hobbs 2411.5. ~~~ Nothing follows ~~~

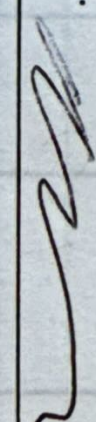
J. Michael Brannigan, 2812174 AP

Skinner Aviation Inc.
403 Dead Indian Memorial Road
Ashland OR 97520
(541) 482-7676

2-7-2025 N18MD Beech Baron SN: TE-455 TTAf: 5334.6 Hobbs: 2366.9
Left Engine Continental IO-550-C SN: 684240 TT: 2053.0 TSOH: 340.6
Right Engine Continental IO-550-C SN: 271786-R TT: UNK TSOH: 1706.3
LH Propeller Hartzell PHC-C3YF-2UF SN: EB3411A TTSN: 340.6
RH Propeller Hartzell PHC-C3YF-2UF SN: EB3410A TTSN: 340.6
Complied with **AD91-15-20** and SB NO 2362, rev 1, by cleaning the engine mount frames and visually inspecting, performed dye penetrant inspection on a few suspect areas, no defects noted, next due 2466.9 Hobbs. Complied with **AD76-07-12** by visual verification of ignition switch part number label and function test of both switches, due 2466.9 Hobbs. Remarkd right fuel gage with yellow arc in accordance with **AD72-11-02**, verified the other placarding required in the AD are still installed.
Complied with **AD2008-12-17** by visual verification that each breaker switch is not listed by part number in this AD, no further action required. Repaired nose gear light bracket by welding, epoxy primed and painted white, reinstalled and verified operation. Replaced the two lower pilots instrument panel shock mounts, 150-PL-8. Sandblasted corrosion in battery box and painted with acid proof paint. Re-rigged left inboard gear door to fair to lower wing skin. Converted rear seats from premium recline to base model recline, used a combination of new and used parts as needed to conform to applicable IPC.
Converted copilots seat to premium recline using a combination of used and new parts as needed to conform to the IPC, repaired pilots seat reline system as needed. Removed Janitrol heater and blower assembly, heater overhauled by Aircraft Heating and Electrical of Redding California, see 8130-3, they also installed a new motor in the blower housing, test ran and verified operation, this heater has no applicable AD's at this time. Both trim tab actuators overhauled by Crusieair, replaced trim tab components as needed and verified rigging. Stop drilled crack in left wing tip trailing edge. Stop drilled crack in lower left aileron skin. Removed both elevators to facilitate replacement of the outboard hinges

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(PN:35-650121-4), the old hinges were incorrectly riveted with oversized holes, disassembled left elevator tip weight assemble so that the elevator could be used to jig the hinges on both sides, reassembled left elevator and verified balance to be within limits. Replaced both throttle warning switch's, they still need rigged to manifold pressure determined during test flight. Replaced Vacuum garter and nacelle canister filters. Performed battery capacitance test, passed, next due 1-2026. Replaced brake discs, caliper shims and linings. Replaced 2 flexible brake lines on the right gear and one on the left gear with new, replaced o-rings in both brake calipers with new and bled brakes. Replaced brake disks, linings and shims. Rekeyed the baggage door and main cabin door to match main power switch. Lubricated internal components of both the baggage and main cabin door. Replaced Tail nav light bulb GE305. Replaced tab on one wing bolt cover. Replaced ships CHT probes on both engines and verified correct operation. Removed entrance step, welded cracks as needed, treated corrosion on skin under step and reinstalled. Tightened EGT probes as needed and verified they are all installed at the same depth. Replaced serval loose rivets in the trailing edge of the left nacelle with cherry rivets. Performed routine service and lubrication. Checked all controls for proper travel and cable tensions all operations normal through 3 retraction and extension cycles and one emergency extension. Complied with FAR 91.207d, no defects found, next due 2-2026. **ELT battery due 10-2026.** Cleaned, inspected and replaced wheel bearings. Replaced missing storm window placard. Corrected discrepancies in weight and balance report and added report to aircraft records. All operations normal on test run. I certify this aircraft has been inspected in accordance with FAR 43 app. D, Annual/100 Inspection criteria and determined Airworthy.

Andrew Vandenberg  A&P 3737996 IA

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Skinner Aviation Inc.

403 Dead Indian Memorial Road

Ashland OR 97520

(541) 482-7676

2-1-2025

N18MD

Beech Baron

SN: TE-455

TTAF: 5334.6

Hobbs: 2366.9

Performed conformity inspection of the following STC's, found to conform and completed form 337:

Rosen sun visors, STC SA3599NM.

Brackett Aero filters, STC SA71GL

D'Shannon cooling baffles, left engine, SA09220SC

Saden fuel flow system, SA486GL

JPI EDM 830, SA2586NM

Robert Skinner



A&P 3284948 IA

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Maintenance Record

JLC Avionics,

Ashland Municipal Airport, 433 Dead Indian Memorial Rd, Ashland, OR 97520. (541) 488-1964

N18MD Beech D55 S/N: TE-455 Hobbs: 2367.2

- 1) **Removed** the existing compass system and HSI, GPSS interface and attitude gyro including all hoses, fittings and brackets/racks/mounting assemblies, wiring and mounting racks as needed.
 - 2) **Installed** dual **Garmin GI275** Multifunction Instruments, S/N 5MZ204562 and 5MZ204322 configured as a primary ADI and an HSI IAW STC SA02658SE dated 13 January 2020 & Garmin GI 275 Part 23 AML STC Installation Manual (IM) P/N 190-02246-10, Rev 17 dated August 2023. These were mounted in the pilots' instrument panel. The HSI has a back-up battery installed. A new GMU 11 magnetometer S/N 56J122523 mounted in the empennage, provides heading information to the system, and a GTP 59, S/N 47995607 provides outside air temperature to the system. A Garmin GSB15 USB charger assembly S/N: 63M261196 provides data transfer interface. The ADI/HSI interfaces to the existing Century III autopilot, GNS 530W and the audio system. See FAA Form 337 dated January 30 2025, for Installation Details, Data and Approval.
 - 3) **The** existing GNS 530W, S/N 23802879 was removed to Garmin for Com repair. Received repaired unit, installed and ops checked satisfactory. Garmin 8130-3 #RMA1913115657 dated 11 October 2024 refers.
 - 4) **Removed** the existing DME system including the receiver, coax cable, wiring and display. Removed the existing Argus 5000 GPS.
 - 5) **Carried** out a compass swing and provided a new correction card.
 - 6) **Performed** data correspondence testing per 91.217, and **Performed** FAR 91.411 Altimeter static system and altitude reporting equipment test and inspection per FAR 43 appendix E and F to 20,000 feet. GI275 S/N's 5MZ204562 and 5MZ204322 provide primary altimeter information. United instrument S/N 433119 provides standby altimeter information. Transponder GTX 330ES S/N 84100336 and SSD120 encoder S/N 15406.
- a. A new Weight and Balance document was prepared. Equipment list is updated.

The aircraft, or appliance(s) identified above was repaired and inspected in accordance with the current maintenance rules of the Federal Aviation Regulations and is approved for return to service. Pertinent details of the work performed are on file at this repair station under Work Order #1914.

Signed _____

For JLC Avionics

CRS 9JAR368B

Date: January 30, 2025

YEAR
20
DATE

RECORDING
TACH
TIME



Century 10 395 autopilot computer was repaired by Autopilots Central. Ground Ops check satisfactory.
----END----

The component identified above was repaired, installed and inspected IAW Federal Aviation Regulations and was found to be in an airworthy condition for return to service.

Signed: F. Lemon
Tach: N/A
HOBBS: 366.3

Dated: 04/17/2025 N18MD Beech D55 S/N TE-455
TTSN: N/A

For more info see w/o #39341A

FAA Repair Station Certification # WQ3R954L
145 John Glenn Drive, Concord, CA. 94520 T: (925) 676-2100

Repairs and Alterations
and Certificate Number of
for other specific entries.)

YEAR
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DATE

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11676-08-2025 (08-21-2025)

MAKE: BEECH
MODEL: D55
S/N: TE-455
REG. NO: 18MD



Honeycutt Aviation, Inc.

Certified Repair Station No.: HONR521E
1489 Sky Harbor Dr.
Olivehurst, CA 95961

W/O #: 11676-08-2025
DATE: 08-21-2025
TTAF:
Hobbs: 2461.4

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Airframe Entries

Complied with AD 07-08-08 Lubricated main landing gear uplock rollers and ensured freedom of movement
Complied with AD 91-15-20 engine mount visual inspections per SB 2362, No defects noted.
Installed customer supplied FF transducer on left engine. P/N: 700900-1 S/N: 241643. Leak and function check good.
Installed serviceable drain valve on the left aft induction tube on the left engine. Leak and function check good.

Maintenance Release

The aircraft and/or component(s) on 18MD was repaired and inspected in accordance with current rules of the Code of Federal Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair station under Work Order No. 11676-08-2025, Dated 08-21-2025.

DATE: 08-21-2025

SIGNED:

Michael Houston

Certified Repair Station No.: HONR521E

WORK ORDER: 11676-08-2025

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Alterations

(Number of specific entries.)

YEAR
20
DATE

N18MD D55
Aircraft S/N: TE-455
Date: 04-15-26



700 Tioga Dr. Hgr #3 Modesto, CA 95354
(209) 524-1758

Tach/HM: 2483.7
Total Time: 5438.4
Work Order: 3507

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LOGBOOK ENTRY:

Annual inspection this date. Installed new 131553-4M and 131553L-4M rod ends on both aileron actuating tubes. Installed new 45-135039-3 aileron tab actuating arm and new attach hardware. Installed new 131553-6M rod ends on both elevator actuating tubes. Fuel strainers cleaned and reinstalled. Installed new left aux tank CCA1550 quick drain valve. Cleaned bug debris from right main tank flush vent and anti-siphon vent. Set left side of Shadin fuel flow indicator to 29.13 K-factor to match new left engine transducer. Installed new Michelin Air 6.50-8-8 PR main wheel tires. Bearings cleaned and repacked. Resealed both brake calipers and right master cylinder. System bled. Adjusted main gear up stops. Adjusted left engine gear warning horn switch to actuate. Installed new BA6205 induction air filter elements. Installed new M-111 EGT probe left engine #2 cylinder. Installed used serviceable OEM CHT probe #2 right engine cylinder. Removed both instrument air pumps and associated plumbing from engine compartments. W&B revised. C/W AD 76-07-12 (Mag Switches) by test. Next due HM 2583. C/W AD 91-15-20 (Engine Mounts) by inspection. Next due 2583. C/W AD 2007-08-08 (Uplock Rollers) by inspection and lube. Next due 2583. C/W FAR 91.207 (d) on ELT. Next due 04/27. I certify that this Aircraft has been inspected in accordance with the requirements of FAR 43, App. D and Maintenance Manual for an Annual inspection and determined to be in an airworthy condition.

Signature:

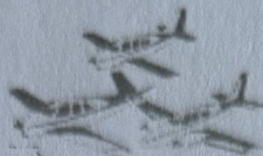
Paul S. Kline
Paul S. Kline A&P 571942173 IA

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W/O #: 11676-08-2025
DATE: 08-21-2025
TTAF:
Hobbs: 2461.4

ound Airworthy for

R: 11676-08-2025
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Oct 12, 2026 N18MD Airframe Beech D55 S/N TE-455 Hobbs 2535.3 TTAF 5490.0

Removed and replaced ELT battery in Artex ELT 345 with new battery P/N A3-06-2883 Rev F, S/N 1033547-030. New battery expiration 08/2033 marked on ELT exterior per FAR 91.207(c). Performed ELT self-test per manufacturer's instructions; test satisfactory. Removed and replaced right engine fuel flow transducer with new JPI P/N 700900-1, S/N 254856. Set right engine fuel flow K-factor to 29.67 in JPI EDM 790 and the right side of the Shadin Digiflow. Leak and function check good. Lubricated uplock rollers per AD 2007-08-08. Next due Hobbs 2635.3. Inspected left and right engine mounts per AD 91-15-20; no cracks noted. Next due Hobbs 2635.3. Complied with AD 76-07-12 by visual verification of ignition switch part number label and function test of both ignition switches; key removable in OFF position only. Next due Hobbs 2635.3. ~~~ Nothing follows ~~~

J. Michael Brannigan, 2812174 AP