

6313P #1 ENG.

ALLISON 250-B17E

S/N CAE-880290K



The Standard
ENGINE LOG

ASA/SE-2

DA1

19

ENGINE MODEL: 250-B17E **Ruby Valley Aviation L.C.**

ENGINE S/N: CAE-880290 75 Airport Road
REG. NO: N992BB Twin Bridges, Montana 59754
WORK ORDER: 21076-07-2021 Phone: 406-684-5335

DATE: 8/13/2021
A/C TSN: 2709.75
ENG TT: 1977.9
TSMOH:
HOBBS: 408.5

INS
ABER OF
ENTRIES.)

Engine Entries

Engine chip light came on in flight. Removed all chip collectors and inspected and found 3 chips less than 1/32 in. Cleaned and re-installed chip collectors. Drained engine oil and refilled with 7 Qts of BP2380. Performed a 30-minute ground run at power, removed chip collectors, inspected, cleaned and reinstalled chip detectors. No contaminants noted. Engine is returned to service per 72-00-00 of the M250-B17 Operation and Maintenance Manual.

The items identified above were inspected in accordance with current maintenance rules of the Federal Aviation Regulations and is approved for return to service for work performed. Pertinent details of this repair are on file at this repair facility under Work Order Number identified below.
Chief Inspector for FAA Certified Repair Station No. Y5VR482Y.

DATE: 8/13/2021

SIGNED:

Ryan Fleming, A&P: 3565738

Work Order: 21076-07-2021

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ENGINE MODEL: 250-B17E

ENGINE S/N: CAE-880290
REG. NO: N992BB
WORK ORDER: 22013-08-2022



Ruby Valley Aviation L.C.

75 Airport Road
Twin Bridges, Montana 59754
Phone: 406-684-5335

DATE: 9/1/2022
A/C TSN: 2734.05
ENG TT: 2002.2
TSMOH:
HOBBS: 325.7

Engine Entries

I certify this engine was inspected in accordance with a Conditional inspection per FAR Part 43 Appendix D and Rolls Royce M250-B17 Series Operation and Maintenance Manual and was found to be in a condition for safe operation. Changed oil and checked chip plugs. Inspected oil filter and serviced engine with 7 quarts of BP 2380 oil.

The items identified above were repaired and inspected in accordance with current maintenance rules of the Federal Aviation Regulations and is approved for return to service for work performed. Pertinent details of this repair are on file at this repair facility under Work Order Number identified below.

DATE: 9/1/2022

SIGNED:

Michael Haisten, A&P: AP3054755

Work Order: 22013-08-2022

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ENGINE MODEL: 250-B17E **Ruby Valley Aviation L.C.**

ENGINE S/N: CAE-880290 Repair Station No. Y5VR482Y
REG. NO: N992BB 75 Airport Road
WORK ORDER: 23067-11-2023 Twin Bridges, Montana 59754
Phone: 406-684-5335

DATE: 11/6/2023
A/C TSN: 2752.15
ENG TT: 2020.3
TSMOH:
HOBBS: 343.8

ACTIONS
NUMBER OF
IC ENTRIES.)

Engine Entries

I certify this engine was inspected in accordance with a Conditional inspection per FAR Part 43 Appendix D and Rolls Royce M250-B17 Series Operation and Maintenance Manual and was found to be in a condition for safe operation.

The items identified above were repaired and inspected in accordance with current maintenance rules of the Federal Aviation Regulations and is approved for return to service for work performed. Pertinent details of this repair are on file at this repair facility under Work Order Number identified below.

DATE: 11/6/2023

SIGNED:

Michael Haisten, A&P: AP3054755
Certified Repair Station No. Y5VR482Y

Work Order: 23067-11-2023

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ENGINE MODEL: 250-B17E

ENGINE S/N: CAE-880290
REG. NO: N992BB
WORK ORDER: 24002-01-2024

Ruby Valley Aviation L.C.

75 Airport Road
Twin Bridges, Montana 59754
Phone: 406-684-5335

DATE: 1/15/2024
A/C TSN: 2761.75
ENG TT: 2029.9
TSMOH:
HOBBS: 353.4

Engine Entries

Replaced engine driven fuel pump inlet filter with new kit P/N 6895028. Leak check good.

The items identified above were repaired and inspected in accordance with current maintenance rules of the Federal Aviation Regulations and is approved for return to service for work performed. Pertinent details of this repair are on file at this repair facility under Work Order Number identified below.

DATE: 1/15/2024

SIGNED:

Michael Haisten, A&P: AP3054755IA

Work Order: 24002-01-2024

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ENGINE MODEL:
250-B17E
ENGINE S/N: CAE-880290
REG. NO: N992BB
WORK ORDER:
16040-08-2016



Ruby Valley Aviation L.C.
75 Airport Road
Twin Bridges, Montana 59754
Phone: 406-684-5335

DATE: 8/6/2016
A/C TSN: 2485.45
ENG TT: 1754.1
TSMOH: 1754.1
HOBBS: 77.1

ALTERATIONS
(INDICATE NUMBER OF
SPECIFIC ENTRIES.)

Engine Entries

I certify this engine was inspected in accordance with a Conditional inspection per FAR Part 43 Appendix D and Rolls Royce M250-B17 Series Operation and Maintenance Manual and was found to be in a condition for safe operation.

The items identified above were repaired and inspected in accordance with current maintenance rules of the Federal Aviation Regulations and is approved for return to service for work performed. Pertinent details of this repair are on file at this repair facility under Work Order Number identified below.

DATE: 8/6/2016 SIGNED: *[Signature]* YOURNEY Work Order: 16040-08-2016

ENGINE MODEL:
250-B17E
ENGINE S/N: CAE-880290
REG. NO: N992BB
WORK ORDER:
18001-01-2018

Ruby Valley Aviation L.C.
75 Airport Road
Twin Bridges, Montana 59754
Phone: 406-684-5335

DATE: 2/26/2018
A/C TSN: 2579.95
ENG TT: 1848.6
TSMOH: 1848.6
HOBBS: 171.6

Engine Entries

Fuel pump was removed and sent to H.E.R.O.S. due to fuel leak. Installed fuel pump IAW Rolls Royce M250-B17 maintenance manual, purged fuel system of air. Run up leak and ops check ok... Engine start counter: 1497. All applicable AD's C/W. I certify that this engine has been inspected IAW a Conditional Inspection IAW FAA approved Siai-Marchetti Maintenance Schedule, and the Rolls Royce 250-B17 Maintenance manual and has been found to be in an airworthy condition.

The items identified above were repaired and inspected in accordance with current maintenance rules of the Federal Aviation Regulations and is approved for return to service for work performed. Pertinent details of this repair are on file at this repair facility under Work Order Number identified below.

DATE: 2/26/2018 SIGNED: *[Signature]* ASH IA
Ryan Flaming, License: 3565738 Work Order: 18001-01-2018
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ENGINE MODEL:
250-B17E
ENGINE S/N: CAE-880290
REG. NO: N992BB
WORK ORDER:
19030-04-2019

Ruby Valley Aviation L.C.
75 Airport Road
Twin Bridges, Montana 59754
Phone: 406-684-5335

DATE: 4/12/2019
A/C TSN: 2642.75
ENG TT: 1911.4
TSMOH: 1911.4
HOBBS: 234.4

ALTERATIONS
(INDICATE NUMBER OF
SPECIFIC ENTRIES.)

Engine Entries

Drained oil and refilled with 7 qts of BP2380 oil. Removed and inspected oil filter with no abnormalities noted. Cleaned and reinstalled oil filter. I certify that this engine has been inspected IAW a conditional inspection per FAA approved Siai-Marchetti Maintenance Schedule, FSDO approved program dated 3/7/06, & Rolls Royce 250-B17 Series operation and Maintenance Manual and has been found to be in a condition for safe operation.

The items identified above were repaired and inspected in accordance with current maintenance rules of the Federal Aviation Regulations and is approved for return to service for work performed. Pertinent details of this repair are on file at this repair facility under Work Order Number identified below.

DATE: 4/12/2019 SIGNED: *[Signature]* IA AIP
Ryan Flaming, License: 3565738 Work Order: 19030-04-2019
Printed by EBis 3 (datcomedia.com)

ENGINE MODEL:
250-B17E
ENGINE S/N: CAE-880290
REG. NO: N992BB
WORK ORDER:
20054-06-2020

Ruby Valley Aviation L.C.
75 Airport Road
Twin Bridges, Montana 59754
Phone: 406-684-5335

DATE: 7/7/2021
A/C TSN: 2709.75
ENG TT: 1977.9
TSMOH:
HOBBS: 301.4

Engine Entries

Metal was found on magnetic plugs during inspection. Removed engine for repair and sent to HEROS. Re-installed engine per SM1019 MM & M250-B17 Operation and Maintenance Manual. Service engine with BP2380 oil. Engine Run up, leak and operations check ok... I certify this engine was inspected in accordance with a Conditional inspection per FAR Part 43 Appendix D and Rolls Royce M250-B17 Series Operation and Maintenance Manual and was found to be in a condition for safe operation.

The items identified above were repaired and inspected in accordance with current maintenance rules of the Federal Aviation Regulations and is approved for return to service for work performed. Pertinent details of this repair are on file at this repair facility under Work Order Number identified below.

DATE: 7/7/2021 SIGNED: *[Signature]* IA AIP
Ryan Flaming, License: 3565738 Work Order: 20054-06-2020
Printed by EBis 3 (datcomedia.com)

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.)
199L				ENGINE RUN AND LEAK CHECKED OK. REF WO 970232 I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100HR INSPECTION AND IS RETURNED TO SERVICE. <i>Andy Jackson CRS 5882554</i>
17 JAN	TAT 3246.7 T.E.T. (528.5)			REMOVED AND REPLACED STARTER/GEN. JAW ASTA/ALLISON MAIN MANUALS OPERATIONAL CHECK O.K. P/N INSTALLED 15056117Q S/N 4039 S/N OTT 1665. REF WO # 970406-006 <i>Augusto Lopez CRS 882554T</i>
15 APRIL 97	TAT 3302.0 #1 TSO (1586.6)			COMPLETED A/B/100 & C/300 HR INSPECTION IN ACCORDANCE WITH ASTA/ALLISON FORMS & MANUALS. COMPRESSOR CASE HALF INSPECTION COMPLETED. ENGINE OIL CHANGE COMPLETED. SERVICED WITH 5GTS EXON 2380 CHIP DETECTOR INSPECTION COMPLETED. RANEY, P.P.

- CONTINUED -

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.)
1997				CONTINUANCE - ENGINE RUN & LEAK CHECKED OK. POWER RECOVERY WASH COMPLETED I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A B/100 & C/300 HR INSPECTION AND IS RETURNED TO SERVICE. <i>Andy Jackson CRS 5882554</i>

ENGINE MODEL: 250-B17E
ENGINE S/N: CAE-880290
REG. NO: N992BB
WORK ORDER: 15035-07-2015



Ruby Valley Aviation L.C.
75 Airport Road
Twin Bridges, Montana 59754
Phone: 406-684-5335

DATE: 7/11/2015
A/C TSN: 2408.35
ENG TT: 1677
TSMOH: 1677
HOBBS: 0

Engine Entries

Performed a Conditional Inspection in accordance with the Rolls Royce 250-B17 maintenance manual and the FAA approved Siai Marchetti Maintenance Schedule. See the engine component log for AD compliance and life limited parts listing. The engine has 1522 cycles and the engine start meter reads 1269. This engine was found to be in a condition for safe operation.

The items identified above were repaired and inspected in accordance with current maintenance rules of the Federal Aviation Regulations and is approved for return to service for work performed. Pertinent details of this repair are on file at this repair facility under Work Order Number identified below.

DATE: 7/11/2015

SIGNED:

Michael R. JOURNEY

Work Order: 15035-07-2015

DATE 19 <u>96</u>	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.)
31 JAN	T.A.T. 1796.7 CYCLES (1552) T.A.T. 2917.0	1199.8 (1552)		COMPLETED A B/100 HR INSPECTION IN ACCORDANCE WITH ASTA/ALLISON MAINT/INSPECTION CHECKLIST. COMPRESSOR PWR RECOVERY WASH COMPLETED, CHIP DETECTORS INSPECTED, DRAINED AND RESERVICED OIL SYSTEM. LEAK CHECK COMPLETED. PRE AND POST INSP. RUNS COMPLETED. DETAIL OF INSP. FILED UNDER W.O.# 960431. "I certify that this engine has been inspected in accordance with B/100HR inspection and was determined to be in airworthy condition." Augusto Morero CRS 888554J
22 MAY	T.A.T. ENG T.T. LYC. REF: W.O.# 960818	3015.8 1295.5 (321)	1298.6	COMPLETED A B/100HR/200HR/300HR. I.A.W. ASTA/ALLISON MAINT MANUALS/INSP. CHECKLIST. OIL CHANGE COMPLETED, COMPRESSOR CASE HALF INSPECTION COMPLETED, PWR RECOVERY WASH COMPLETED. PERFORMANCE RUN COMPLETED FOR OPERATING PARAMETER AND LEAK CHECKS NORMAL NO LEAKS. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A B/100/200/300HR. INSPECTION AND IS RETURNED TO SERVICE. Augusto Morero CRS 888554J

DATE 19 <u>96</u>	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.)
9 AUG	T.A.T. # 1 TET CYC. C.C.	3110.2 1394.9 (1367) 0616	(1393.0)	COMPLETED A B/100 HR INSPECTION IN ACCORDANCE WITH ASTA/ALLISON INSPECTION CHECKLIST. COMPRESSOR PWR RECOVERY WASH COMPLETED, CHIP DETECTORS INSPECTED, OIL CHANGE COMPLETED. COMPLETED OCB-A-1294 FIRST STAGE NOZZLE INSPECTION. POST/PRE INSPECTION RUNS COMPLETED FOR OPERATING PARAMETERS AND LEAK CHECKS. INSP. FILED UNDER W.O.# 961040. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A B/100 INSPECTION AND IS RETURNED TO SERVICE. Augusto Morero CRS 888554J
5 DEC 96	ITA TIE TC CYC. INT.	3203.7 1461.4 1445 (0718)	(1486.5)	COMPLETED A B/100 HR. INSP. IN ACCORDANCE WITH ASTA/ALLISON MANUALS & FORMS. COMPRESSOR PWR RECOVERY WASH COMPLETED, PROP BALANCE COMPLETED, OIL CHANGE COMPLETED. — CONT —

DATE 19 <u>94</u>	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.)
AIRPORT	2515.1	1		THIS ENGINE S/N 880290K INSTALLED IN N16313P. GROUND RUN PERFORMANCE, LEAK CHECKED OK. RETURNED TO SERVICE. REFERENCE NO. 950221 <i>John 20332411A RAMEY, P.E.</i>
ENG. TT.	1693.7	1977.7 ^H		
TCYCLES	1684	1085 ^H		
CYCLE CNTR.	000			
NOV: 11,				
NOV 22 94				INSTALLED NEW STARTER GENERATOR (OVERHAULED). GROUND PAN ENGINE FOUND FULLY OPERATIONAL, RETURNED TO SERVICE. <i>John 20332411A RAMEY, P.E.</i>
TT ENG	802.5			
AIRPORT	2519.7			
CYCLES	1091			
CYCLE CNTR.				
24 MARCH	TA.T. 2615.4			COMPLETED A B/100, 200 HR INSPECTION IN ACCORDANCE WITH ASTA/ALLISON INSPECTION CHECKLIST. DRAINED OIL AND RESEVICED. PERFORMED COMPRESSOR OVR. RECOVERY WASH. PROP BALANCE COMPLETED. "950221 I certify that this ENGINE has been inspected in accordance with B/100, 200 HR inspection and was determined to be airworthy condition." <i>August Novario</i> CRS S88R554J
TET.	895.5	898.2		
TCSN.	1129			

DATE 19 <u>95</u>	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.)
26 JUNE				COMPLETED A B/100 + C/300 HR INSPECTION AS PER ALLISON + ASTA FORMS + MANUALS. OIL CHANGE + NEW FILTER INSTALLED. CUSTOMER BLEED AIR BLOCKED OF AT ENGINE. POWER RECOVERY WASH COMPLETED. CRS S88R554J I certify that this ENGINE has been inspected in accordance with B/100 + C-300 inspection, and was determined to be in airworthy condition." <i>John 20332411A RAMEY, P.E.</i>
TTA.	2715.5			
TT ENG	994.6	998.3		
TCYCLES	1168			
CYCLE CNTR.	0229.			
NO.	950918			
5 OCT				COMPLETED B/100 HR, ALLISON 200 HR INSPECTION IN ACCORDANCE WITH ASTA/ALLISON MAINTENANCE MANUALS AND FORMS INCLUDING OIL CHANGE IAW ALLISON MM PARA 3-168 AND POWER RECOVERY WASH. COMPLETED WITH CER-A-1289 PT OVERSPEED GOVERNOR SEAL INSPECTION. REF WORK ORDER 951231. I certify that this ENGINE has been inspected in accordance with B/100 HR, 200 HR inspection and was determined to be in airworthy condition." <i>John 20332411A RAMEY, P.E.</i> CRS S88R554J
TTA	2815.5			
ENCL TT	1094.6	1098.3		
ENCL TC	1288			
ENCL CC	0349			

ENGINE RECORD — GENERAL INFORMATION

MANUFACTURER ALLISON MODEL 250-B17E

SERIAL CAE-880290 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 _____

MFG. RECOMMENDED OVERHAUL AT _____ HOURS.



The Standard

ENGINE LOG