

# ENGINE

## MAINTENANCE RECORDS

Log No: 1

Aircraft Registration No. N 945 RC

Engine Manufacturer Rolls-Royce

Model 250-B17F/2

Serial No. CAE 881384

Date Installed on Aircraft 8/11/11

Time Between Overhauls (TBO) \_\_\_\_\_ HRS.

If used on multi-engine aircraft:

☐

Right

☐

Left

[illegible]

**303 Donaldson Place, Santa Barbara, CA 93117**  
**(805) 696-6599, (805) 696-6596 fax**

### ENGINE LOGBOOK ENTRY

**Tail#: N945RC**

**MAKE: Continental Motor MODEL: TSIO-520 SER SN: CAE-881384**

**Hobbs: 189.6**

Accomplished oil and filter change; PN: 038088-08, serviced with 7 qts. BP2197 oil. Performed ground run and leak check, no discrepancies noted. Completed compressor wash IAW R/R Service Instructions. Removed oil sample for analysis by Avlabs. Completed magnetic drain plug inspection. Performed ignitor inspection IAW R/R Service instructions. Accomplished nozzle inspection IAW R/R Service instructions. Performed scavenge filter inspection IAW R/R Service Instructions. Performed compression inspection, no discrepancies noted. Adjusted de-ice propeller brush block adjustment IAW Cessna P210 Maintenance Manual. Operational checks are good.

The aircraft, airframe, engine, propeller or appliance identified above was repaired and/or inspected in accordance with current regulations under the Federal Aviation Administration and is approved for return to service.

Andrew McGowan

A&amp;P3610284

February 19, 2014

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| DATE | TOTAL TIME IN SERVICE | TOTAL TIME SINCE OVERHAUL | TACH OR RECORDING METER TIME | DESCRIPTION OF WORK PERFORMED<br>SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK |
|------|-----------------------|---------------------------|------------------------------|----------------------------------------------------------------------------------------|
|      | 134.5                 | 134.5                     |                              | TOTALS brought forward from previous page                                              |



303 Donaldson Place, Santa Barbara, CA 93117

**ENGINE LOGBOOK ENTRY**

REG #: N945RC

Make/ Model: Rolls Royce 250-B17F2 SN: CAE-881384

Hobbs 134.5

- Performed Annual inspection per O&N checklist and Rolls-Royce Maintenance Manual.
- Cleaned and inspected magnetic particle inspectors.
- Cleaned and inspected fuel nozzle and inspected igniter.
- Engine oil flow test GP 6oz, PT 10oz. Engine ground run and inspected for leaks. Operational check ok.

The aircraft, airframe, engine, propeller or appliance identified above was repaired and/or inspected in accordance with current regulations under the Federal Aviation Administration and is approved for return to service.

I certify that this engine has been inspected IAW Annual inspection and found to be in airworthy condition at this time.

Kim Hougland

A&amp;P33254551A

02-02-2013



303 Donaldson Place, Santa Barbara, CA 93117

(805) 696-6599, (805) 696-6596 fax

**ENGINE LOGBOOK ENTRY**

Tail#: N945RC

MADE/ MODEL: Rolls Royce 250-B17F2 SN: CAE-881384

Hobbs: 189.6 TSN: 189.6 Cycles: 170

Performed Annual Inspection IAW O&N checklist and Rolls Royce 250-B Maintenance Manual. Cleaned and inspected magnetic particle inspectors. Cleaned and inspected fuel nozzle and inspected ignitor. Engine oil flow test GP 6oz, PT 10oz. Engine ground run and inspected for leaks. Operational and leak checks are okay. Accomplished A.D. research through 3-14-14.

The aircraft, airframe, engine, propeller or appliance identified above was repaired and/or inspected in accordance with current regulations under the Federal Aviation Administration and is approved for return to service.

I certify that this engine has been inspected IAW Annual inspection and found to be in airworthy condition at this time.

Lonnie Hoff

A&amp;P33897961A

March 14, 2014

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| DATE | TOTAL TIME IN SERVICE | TOTAL TIME SINCE OVERHAUL | TACH OR RECORDING METER TIME | DESCRIPTION OF WORK PERFORMED<br>SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK |
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303 Donaldson Place, Santa Barbara, CA 93117  
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**ENGINE LOGBOOK ENTRY**

Tail#: N945RC

MADE/ MODEL: Rolls Royce 250-B17F2 SN: CAE-881384

Hobbs: 3147.9 TSN: 207.7

Performed Annual Inspection IAW O&N checklist and Rolls Royce 250-B Maintenance Manual. Cleaned and inspected magnetic particle inspectors. Cleaned and inspected fuel nozzle and inspected ignitor. Engine oil flow test GP 6oz, PT 10oz. Performed engine ground runs and inspected for leaks. Operational and leak checks are okay at this time. Accomplished A.D. research through 5-22-2015.

The aircraft, airframe, engine, propeller or appliance identified above was repaired and/or inspected in accordance with current regulations under the Federal Aviation Administration and is approved for return to service.

I certify that this engine has been inspected IAW Annual inspection and found to be in airworthy condition at this time.

Kim Hougland

A&P33254551A

May 22, 2015



303 Donaldson Place, Santa Barbara, CA 93117

(805) 696-6599, (805) 696-6596 fax

**ENGINE LOGBOOK ENTRY**

Tail#: 945RC

Make/Model: Rolls-Royce SN:

Hobbs: 216.3 AFTT:3159.6 Engine TSN: 216.2

Accomplished Annual Inspection. Work performed Ref: O&N Aircraft Modifications STC SA 1003NE Instructions for Continued Airworthiness, Rolls-Royce 250-B17F Series Operation and Maintenance Manual, Hartzell Propeller Owner's Manual 139, and Cessna P210 Service Manual Rev 2, dated June 3, 1996.

- Accomplished Annual, 100, and 200 hr Inspection IAW Rolls-Royce 250-B17F Series Operation and Maintenance Manual.
- Inspected, serviced and lubricated engine and engine controls IAW an Annual Inspection.
- Accomplished engine oil change. Inspected filter for contaminants, none noted. Serviced engine with 7qts BP 2197 oil.
- Performed operational and leak checks, all test check good, no leaks noted.
- Completed AD compliance, review, and report as required. AD bi-weeklies checked through 2016-15.

The aircraft, airframe, engine, propeller or appliance identified above was repaired and/or inspected in accordance with current regulations under the Federal Aviation Administration and is approved for return to service.

I certify that this engine has been inspected IAW Annual Inspection and found to be in airworthy condition at this time.

Kim Hougland

A&P33254551A

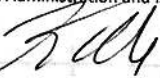
August 1, 2016

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| DATE | TOTAL TIME IN SERVICE | TOTAL TIME SINCE OVERHAUL | TACH OR RECORDING METER TIME | DESCRIPTION OF WORK PERFORMED<br>SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
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|      |                       |                           |                              | <p align="center"><b>Coastal Aircraft Maintenance</b><br/> 495 South Fairview Ave, Santa Barbara, CA 93117 (805) 696-6599<br/> <b>ENGINE LOG BOOK ENTRY</b><br/> ROLLS ROYCE MODEL 250-B17F/2 S/N CAE 881384 HOBBS; 271.8</p> <p>ACCOMPLISHED ANNUAL INSPECTIONS IAW O&amp;N AIRCRAFT MODIFICATIONS STC SA1003NE INSTRUCTIONS FOR CONTINUED AIRWORTHINESS, ROLLS-ROYCE 250-B17F SERIES OPERATION AND MAINTENANCE MANUAL, AS REFERENCE</p> <p>*CLEANED, INSPECTED, SERVICED, AND, LUBRICATED, ENGINE AND ENGINE CONTROLS IAW ANNUAL INSPECTED</p> <p>*ACCOMPLISHED ENGINE OIL CHANGE. SERVICED ENGINE WITH 7 QTS 2197 OIL</p> <p>*PERFORMED OPERATIONAL AND LEAK CHECK. ALL TESTS CHECK GOOD NO LEAKS NOTED</p> <p>*CHECKED AND COMPLIED WITH ALL CURRENT ADS AS REQUIRED THRU 03/02/2020</p> <p>The aircraft airframe, engine, propeller or appliance identified above was repaired and/or inspected in accordance with current regulations under the Federal Aviation Administration and is approved for return to service.</p> <p>Wayne Glenn  A&amp;P 5671548261A MARCH 02, 2020</p> |
|      |                       |                           |                              | <p>Coastal Aircraft Maintenance<br/> 495 South Fairview Ave, Santa Barbara, CA 93117 (805) 696 - 6599</p> <p align="center"><b>ENGINE LOG BOOK ENTRY</b><br/> ROLLS ROYCE MODEL 250-B17F/2 S/N CAE 881384 HOBBS: 271.8</p> <p>ACCOMPLISHED ANNUAL INSPECTIONS IAW O&amp;N AIRCRAFT MODIFICATIONS STC SA1003NE INSTRUCTIONS FOR CONTINUED AIRWORTHINESS, ROLLS-ROYCE 250-B17F SERIES OPERATIONS AND MAINTENANCE MANUAL, AS REFERENCE.</p> <p>CLEANED, INSPECTED, SERVICED AND LUBRICATED ENGINE AND ENGINE CONTROLS IAW ANNUAL INSPECTED.</p> <p>ACCOMPLISHED ENGINE OIL CHANGE. SERVICED ENGINE WITH 7QTS 219.7 OIL.</p> <p>PERFORMED OPERATIONAL AND LEAK CHECK. ALL TESTS CHECK GOOD AND NO LEAKS NOTED.</p> <p>CHECKED AND COMPLIED WITH ALL CURRENT ADS AS REQUIRED THRU 12/04/2020</p> <p>The aircraft airframe, engine propeller or appliance identified above was repaired and/or inspected in accordance with current regulations under the Federal Aviation Administration and is approved for return to service.</p> <p>Kim Hougland  A&amp;P 3325455 December 04, 2020</p> |
|      |                       |                           |                              | <p align="center">Coastal Aircraft Maintenance<br/> 495 South Fairview<br/> Santa Barbara, CA 93117<br/> Engine Log Book Entry</p> <p align="center">Make / Model: Rolls Royce 250-B17F-2 SN: CAE 881384 Hobbs: 279.3 TTE: 279.3</p> <p>Complied with Annual Inspection IAW O&amp;N Aircraft Modifications STC SA1003NE instructions for continued airworthiness, Rolls Royce 250-B17F series operation and maintenance manual. Checked and complied with all current Ads as required through 08/15/2022</p> <p>The aircraft airframe, engine, propeller, or appliance identified above was repaired and/or inspected in accordance with current regulations under the Federal Aviation Administration and approved for return to service</p> <p>Kim Hougland  A&amp;P 3325455 08/15/2022</p>                                                                                                                                                                                                                                                                                         |

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## Engine Accessories

## Turbine

## Compressor

## Gearbox

### Prop. Reduction Gearbox

**ENGINE LOGBOOK ENTRY**

**CESSNA P210N**

**REG# N945RC SN: P210000084 HOBBS: 294.3**

**ENGINE MODEL ROLLS ROYCE 250-B17F/2**

**SN: CAE-881284**

ACCOMPLISHED ANNUAL/ 300 HOUR ENGINE INSPECTIONS IAW O&N AIRCRAFT MODIFACATIONS STC SA1003NE INSTRUCTIONS FOR CONTINUED AIRWORTHINESS, ROLLS-ROYCE 250-B17F SERIES OPERATION AND MAINTENANCE MANUAL, AND CESSNA P210 SERVICE MANUAL REV 2 DATED JUNE 3 1996. CLEANED INSPECTED SERVICED AND LUBRICATED ENGINE AND ENGINE CONTROLS IAW ANNUAL INSPECTION PERFORMED OPERATIONAL AND LEAK CHECK. NO LEAKS NOTED ALL CHECKS GOOD AT THIS TIME. CHECKED AND COMPLIED WITH ALL CURRENT **Airworthiness Directives** as required through bi-weekly issue 2026-07 (Dated 06/02/2026)

Tom McGregor



A&P3488060IA

06/02/2026