



## ENGINE ENTRY

FORMING WORK

"N" #:  
N8135BMake:  
CIRRUSModel:  
SR22Serial #:  
0669Total Time:  
1370.6Date:  
8/11/2010

## Description

1. COMPLIED WITH PRELIMINARY INSPECTION IN ACCORDANCE WITH INDUSTRY STANDARDS.
2. COMPLIED WITH ANNUAL INSPECTION AND ENGINE OIL CHANGE IN ACCORDANCE WITH CIRRUS SR22 MAINTENANCE MANUAL CHAPTER 5-20. DRAINED AND SERVICED ENGINE WITH 8 QTS OF AEROSHELL 100R OIL. REMOVED AND REPLACED OIL FILTER WITH NEW P/N CH48108-1, CUT OLD OIL FILTER OPEN, NO METAL NOTED. CYLINDER COMPRESSION FIGURES: #1 73/80, #2 75/80, #3 76/80, #4 78/80, #5 76/80, AND #6 70/80 IN ACCORDANCE WITH CIRRUS SR22 MAINTENANCE MANUAL AND APPLICABLE SECTIONS OF 12-10. ENGINE GROUND RUN, OPERATIONAL AND LEAK CHECKS GOOD.
3. PERFORMED POST MAINTENANCE RUN OPERATIONAL AND LEAK CHECKS GOOD IN ACCORDANCE WITH CIRRUS SR22 PILOT'S OPERATING HANDBOOK.
4. RE-INSTALLED INSPECTION PANELS AND FAIRINGS IN ACCORDANCE WITH CIRRUS SR22 MAINTENANCE MANUAL AND APPLICABLE SECTIONS OF CHAPTER 05-20.
5. COMPLIED WITH S.O.A.P. SAMPLE AND SENT TO AVIATION LABORATORIES FOR ANALYSIS PER CUSTOMER'S REQUEST.
6. REMOVED #4 CYLINDER DUE TO LOW COMPRESSION, P/N 655932 NO S/N AND SENT TO TRIAD FOR OVERHAUL. RECEIVED AND INSTALLED SAME REPAIRED UNIT. WORK PERFORMED IN ACCORDANCE WITH TCM 10-550-N OVERHAUL MANUAL AND APPLICABLE SECTIONS OF CHAPTER 15, MSB09-1 CYLINDER REPLACEMENT PROCEDURES, AND M89-7 REVISION 1 ENGINE OPERATION SERVICE BULLETIN. GROUND RUN, OPERATIONAL AND LEAK CHECKS GOOD. CYLINDER COMPRESSION FIGURE 78/80.
7. COMPLIED WITH INDUCTION AIR FILTER 200 HOUR/1 YEAR REPLACEMENT. REMOVED AND REPLACED INDUCTION AIR FILTER WITH NEW P/N BA24 IN ACCORDANCE WITH CIRRUS SR22 MAINTENANCE MANUAL AND APPLICABLE SECTIONS OF CHAPTER 71-60.
8. COMPLIED WITH FUEL INJECTION NOZZLES 200 HOUR/1 YEAR INSPECTION. REMOVED NOZZLES, CLEANED, INSPECTED AND RE-INSTALLED. GROUND RAN ENGINE, OPS AND LEAK CHECKED GOOD. WORK PERFORMED IN ACCORDANCE WITH TCM PERMOLD SERIES MAINTENANCE MANUAL AND APPLICABLE SECTIONS OF CHAPTER 13.
9. RESEARCHED AD 2009-16-03 CYLINDER HEAD INSPECTION AND FOUND NOT APPLICABLE PER ENGINE MODEL.
10. COMPLIED WITH AD 2010-11-04 HYDRAULIC LIFTER WEAR INSPECTION. INSPECTED AND FOUND AFFECTED LIFTERS NOT INSTALLED ON ENGINE IN ACCORDANCE WITH AD INSTRUCTIONS.
11. REMOVED OIL DRAIN PLUG AND REPLACED WITH NEW GASKET P/N MS35769-11 AND RE-INSTALLED PLUG. LEAK CHECKED GOOD. WORK PERFORMED IN ACCORDANCE WITH TCM PERMOLD SERIES MAINTENANCE MANUAL AND APPLICABLE SECTIONS OF CHAPTER 18.
12. REMOVED OIL PRESSURE RELIEF VALVE, REPLACED GASKET WITH NEW P/N MS35769-25 AND RE-INSTALLED VALVE. GROUND RAN ENGINE, LEAK CHECKED GOOD. WORK PERFORMED IN ACCORDANCE WITH TCM PERMOLD SERIES MAINTENANCE MANUAL AND APPLICABLE SECTIONS OF CHAPTER 18.
13. REMOVED VALVE COVER GASKETS AND CLEANED CYLINDER AND ROCKER COVERS. INSTALLED ROCKER COVER GASKETS ON ALL CYLINDERS WITH NEW GASKET P/N RG-632459. ENGINE GROUND RUN AND LEAK CHECKED GOOD. WORK PERFORMED IN ACCORDANCE WITH REAL GASKET INSTALLATION CARD.
14. REMOVED OIL PUMP PLUG, REPLACED GASKET WITH NEW P/N 35769-11 AND RE-INSTALLED PLUG. LEAK CHECKED GOOD. WORK PERFORMED IN ACCORDANCE WITH TCM PERMOLD SERIES MAINTENANCE MANUAL AND APPLICABLE SECTIONS OF CHAPTER 18.

## \*\*\*\*\*MAINTENANCE RELEASE\*\*\*\*\*

THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS AGENCY UNDER WORK ORDER NO. 90328.

SIGNED BY: [REDACTED] FOR  
EAGLE AVIATION, INC., 2851 AVIATION WAY, WEST COLUMBIA, SOUTH CAROLINA 29170  
FAA APPROVED REPAIR STATION NO. FEHR859D

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