



Cessna

A Textron Company

ENGINE MAINTENANCE RECORD

AIRCRAFT SERIAL AND REGISTRATION 421005 N352JA

ENGINE MODEL AND SERIAL IO-550N(37) 691656

D5518-3-13

Log #1 see Log #2

INSTRUCTIONS

This record should be completed and maintained in accordance with FAA Federal Aviation Regulations 43.9, 43.11 and 91.173 and/or other prevailing government regulations.

NOTE: Record Service Bulletins and Airworthiness Directives in the back of this record as well as the Airframe Maintenance Record.

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MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
5/7/08	0	0	Engine Model IO-550N(37) was installed at Hobbs time <u>0.0</u> . This engine is serviced with mineral oil meeting specification SAE J1966	↓ <i>Mike Harder</i> DARE100129C1

DATE	TOTAL TIME IN SERVICE		AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	101	
			<p> REC. HR. METER 52 ENGINE MODEL IO-550-N(37) ENGINE S/N 691656 PERFORMED A 50 HOUR INSPECTION IN ACCORDANCE WITH THE CESSNA 350 CHECK LIST. NO DISCREPANCIES NOTED. THE AIRCRAFT, ENGINE, APPLIANCE, OR COMPONENT IDENTIFIED WAS REPAIRED & INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION AGENCY AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER W.O. # 16774 SIGNED: DONALD K. MORGAN <i>[Signature]</i> DATE: SEPTEMBER 10, 2008 J.A. AIR CENTER, DUPAGE AIRPORT, W. CHICAGO, IL 60185 F.A.A. APPROVED REPAIR STATION #NF2R029L </p>

DATE	TOTAL TIME IN SERVICE		AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	101	
			<p> J A AIR CENTER DuPage Airport/West Chicago, IL. 60185 P 1 Repair Station #NF2R029L ENGINE LOG #1 Type CESSNA LC42-550FG TT 87 N # 352JA TSMOH S/N 421005 REC. HR. METER 87 ENGINE MODEL IO-550-N(37) ENGINE S/N 691656 ENGINE DIES ON ROLLOUT- INSTALLED FUEL INJECTION TEST GAUGES. ADJUSTED THE LOW UNMETERED FUEL PRESSURE, IDLE MIXTURE AND IDLE SPEED TO SPEC AS PER TCM SERVICE INFORMATION FOR THE IO-550-N. REMOVED TEST EQUIPMENT AND TESTED FOR PROPER OPERATION. THE AIRCRAFT, ENGINE, APPLIANCE, OR COMPONENT IDENTIFIED WAS REPAIRED & INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION AGENCY AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER W.O. #16916 SIGNED: BRUCE P. REBECHINI <i>[Signature]</i> DATE: OCTOBER 31, 2008 J.A. AIR CENTER, DUPAGE AIRPORT, W. CHICAGO, IL 60185 F.A.A. APPROVED REPAIR STATION #NF2R029L </p>

DATE	TOTAL TIME IN SERVICE	
	HOURS	

352JA
N 421005

TSMOH
REC. HR. METER 106

ENGINE MODEL IO-550-N(37)
ENGINE S/N 691656

ENGINE INSPECTION-

AT THIS TIME, THIS ENGINE WAS INSPECTED AND SERVICED AS PER CESSNA & TCM SERVICE MANUALS FOR AN ANNUAL INSPECTION. COMPRESSION WAS TESTED AS FOLLOWS: #1-70, #2-70, #3-74, #4-70, #5-74, #6-76---ALL OVER 80. THE OIL & FILTER WERE CHANGED. OPENED AND INSPECTED THE FILTER. SERVICED THE ENGINE WITH QUISO X/C OIL. FUEL INJECTORS WERE ULTRASONICALLY CLEANED. FUEL SCREENS WERE CLEANED. MAG TIMING AND CONDITION WERE CHECKED. IGNITION LEADS AND CONDITION OF PLUGS WERE CHECKED. ENGINE ACCESSORIES WERE CHECKED FOR CONDITION, SECURITY AND PROPER OPERATION. THE EXHAUST AND INDUCTION SYSTEM WERE CHECKED FOR CONDITION AND SECURITY. OBTAINED AN OIL SAMPLE. THE FOLLOWING ITEMS WERE REPAIRED, REPLACED OR CORRECTED:

VALVE COVER GASKETS LEAKING-
RETORQUED VALVE COVER HARDWARE.
EEA PISTON ENGINE TREND MONITORING-

AUTHORIZED SIGNATURE,
CERTIFICATE TYPE
& NUMBER

DATE	TOTAL TIME IN SERVICE	
	HOURS	

J A AIR CENTER AURORA AIRPORT/SUGAR GROVE, IL 60554 P 2

Repair Station #NF2R029L

ENGINE LOG #1

Type CESSNA LC42-550F6

TT 106

N # 352JA

TSMOH

S/N 421005

REC. HR. METER 106

ENGINE MODEL IO-550-N(37)

ENGINE S/N 691656

PERFORMED ENGINE TREND ANALYSIS AS REQUIRED.

ENGINE IDLE SPEED HIGH:

CORRECTED THE ENGINE IDLE MIXTURE AND IDLE SPEED SETTINGS AS NEEDED.

MAGNETO TIMING OFF-

CORRECTED THE MAGNETO TO ENGINE TIMING AS REQUIRED.

I CERTIFY THAT THIS ENGINE WAS REPAIRED AND/OR INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS ARE ON FILE AT THIS REPAIR STATION UNDER W.O.# 17188. DATE APRIL 17, 2009

J A AIR CENTER, AURORA AIRPORT, SUGAR GROVE, IL 60554

FAA APPROVED REPAIR STATION #NF2R029L

* *Donald K. Morgan*

DONALD K. MORGAN

INSPECTOR

AUTHORIZED SIGNATURE,
CERTIFICATE TYPE
& NUMBER

DATE	TOTAL TIME IN SERVICE		AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER	
	HOURS	MINUTES		
			ENGINE S/N 421005	TSMOH REC. HR. METER 110
			ENGINE MODEL IO-550-N(37) ENGINE S/N 691656	
			ENGINE QUITS AFTER LANDING: INSTALLED TEST EQUIPMENT AND FOUND THE LOW UNMETERED FUEL PRESSURE BELOW MINIMUM SPECS. CORRECTED THE LOW UNMETERED FUEL PRESSURE TO INDICATE 2.5 PSI IN ACCORDANCE WITH ICM 97-3E. ADJUSTED THE IDLE SPEED SETTING AS NEEDED. REMOVED TEST EQUIPMENT. GROUND RUN OPERATIONAL & LEAK CHECKS WERE SATISFACTORY.	
			THE AIRCRAFT, ENGINE, APPLIANCE, OR COMPONENT IDENTIFIED WAS REPAIRED & INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION AGENCY AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER W.O. # 17755 DATE: APRIL 27, 2009	
			SIGNED: DONALD K. MORGAN <i>D. Morgan</i> For J.A. AIR CENTER, AURORA AIRPORT, SUGAR GROVE, IL 60554 F.A.A. APPROVED REPAIR STATION #NF2R029L	

DATE	TOTAL TIME IN SERVICE		AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER	
	HOURS	MINUTES		
			J A AIR CENTER AURORA AIRPORT/SUGAR GROVE, IL 60554 Repair Station #NF2R029L	ENGINE LOG #1
			Type CESSNA LC42-550FB	TT 135.8
			N # 352JA	TSMOH
			E/N 421005	REC. HR. METER 135.8
			ENGINE MODEL IO-550-N(37) ENGINE S/N 691656	
			ENGINE QUITS AFTER LANDING: COMPLIED WITH SID 97-3E FOR IDLE FUEL PRESSURE AND FLOW. READJUSTED LOW PRESSURE RELIEF VALVE ON FUEL PUMP IN ACCORDANCE WITH IO-550N SPECIFICATIONS ON SID 97-3E. READJUSTED MIXTURE AND IDLE SPEED TO 640-660 RPM WITH 40-60 RISE AT IDLE CUTOFF. GROUND RUN OPERATIONAL CHECK SATISFACTORY.	
			THE AIRCRAFT, ENGINE, APPLIANCE, OR COMPONENT IDENTIFIED WAS REPAIRED & INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION AGENCY AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER W.O. # 17548 DATE: AUGUST 17, 2009	
			SIGNED: DONALD K. MORGAN <i>D. Morgan</i> For J.A. AIR CENTER, AURORA AIRPORT, SUGAR GROVE, IL 60554 F.A.A. APPROVED REPAIR STATION #NF2R029L	

DATE	TOTAL TIME IN SERVICE		ENGINE LOG #1	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	100		
			REC. HR. METER 156.5 ENGINE MODEL 10-550-N(37) ENGINE S/N 691656	
			50-HR INSPECTION COMPLETED A 50 HR INSPECTION IN ACCORDANCE WITH THE CESSNA 550 INSPECTION CHECKLIST. ALL VALVE COVERS LEAKING-- REMOVED ROCKER COVERS AND REMOVED GASKET MATERIAL FROM MATING SURFACES. INSTALLED 12 NEW GASKETS P/N 655705A. NO LEAKAGE NOTED AFTER THE POST INSPECTION ENGINE RUN. IDLE FUEL FLOW IS LOW, 1-1.6 GPH AT 700 RPM. SET UP FUEL SYSTEM IN ACCORDANCE WITH SID97-3E FOR 10550N. IDLE AND FULL POWER FUEL PRESSURE AND FLOW. UNMETERED PUMP PSI AT 600 RPM TO 9 TO 9.5 PSI. UNMETERED PUMP PSI AT FULL THROTTLE TO 31.5 TO 32. MIXTURE RISE AT IDLE CUTOFF IS 40-60 RPM.	

DATE	TOTAL TIME IN SERVICE		ENGINE LOG #1	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	100		
			J A AIR CENTER AURORA AIRPORT/SUGAR GROVE, IL 60554 Repair Station #NF2R029L Type CESSNA LC42-550FG N # 952JA S/N 421005 REC. HR. METER 156.5 ENGINE MODEL 10-550-N(37) ENGINE S/N 691656	
			I CERTIFY THAT THIS ENGINE WAS REPAIRED AND/OR INSPECTED IN ACCORDANCE WITH A 50 HOUR INSPECTION AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS ARE ON FILE AT THIS REPAIR STATION UNDER W.O.# 17695. DATE NOVEMBER 3, 2009 J.A. AIR CENTER, AURORA AIRPORT, SUGAR GROVE, IL 60554 FAA-APPROVED REPAIR STATION #NF2R029L DONALD K. MORGAN INSPECTOR	

DATE	TOTAL TIME IN SERVICE		AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	MINUTES	
			<p> ENGINE LOG TYPE CESSNA LC42-550FG TT 170 N # 352JA TSMOH S/N 421005 REC. HR. METER 157 ENGINE MODEL IO-550-N(37) ENGINE S/N 691656 ENGINE QUILTS ON ROLLOUT- READJUSTED UNMETERED PUMP PSI IN ACCORDANCE WITH SID97-3E AND READJUSTED IDLE SPEED. THE AIRCRAFT, ENGINE, APPLIANCE, OR COMPONENT IDENTIFIED WAS MAINTAINED & INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION AGENCY AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER W.O. #17741 DATE: NOVEMBER 10, 2009 SIGNED: BRUCE P. REBECHINI <i>Bruce P. Rebechini</i> For J.A. AIR CENTER, AURORA AIRPORT, SUGAR GROVE, IL 60554 E.A.A. APPROVED REPAIR STATION #NF2R029L </p>

DATE	TOTAL TIME IN SERVICE		AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	MINUTES	
			<p> J A AIR CENTER AURORA AIRPORT/SUGAR GROVE, IL 60554 P 1 Repair Station #NF2R029L MAINTENANCE ENGINE LOG #1 Type CESSNA LC42-550FG TT 170 N # 352JA TSMOH S/N 421005 REC. HR. METER 170 ENGINE MODEL IO-550-N(37) ENGINE S/N 691656 ENGINE QUILTS ON ROLLOUT- INSTALLED TEST EQUIPMENT. CHECKED LOW UNMETERED PRESSURE. FOUND PRESSURE TO BE WITHIN SPECIFICATIONS. CHECKED FOR INTAKE LEAK. THERE WAS NO INDICATION OR EVIDENCE OF LEAK. REMOVED TEST EQUIPMENT. NO FURTHER ACTION WAS TAKEN. CONTACTED BILL AT TCM SUPPORT. RECOMMENDED BACKING OUT LOW UNMETER ADJUSTER ALL THE WAY OUT UNTIL NO SPRING TENSION. REMOVE FUEL OUT AND VAPOR RETURN LINES. FLUSH WITH BOOST PUMP INTO FILTERS. CHECK FOR DIRT. RESET FUEL PSI. IF PROBLEM CONTINUES WILL NEED A PUMP. PERFORMED FUEL PUMP INSPECTION AS PER TCM TECH SUPPORT. REMOVED LOW UNMETERED LINE AND VAPOR RETURN LINE. INSTALLED TEMPORARY HOSES AND BACKED OFF LOW UNMETERED ADJUSTMENT SCREW 5 TURNS. RAN BOOST PUMP WITH HOSES IN CLEAN CUP. FOUND DEBRIS. TURNED ADJUSTMENT SCREW 5 TURNS IN. REINSTALLED VAPOR RETURN HOSE. INSTALLED EQUIPMENT. RAN ENGINE. FOUND LOW UNMETERED AT 5-7 PSI. ADJUSTED 1 TURN IN. PRESSURE AT 10 PSI AT 600 RPM. IDLE </p>

DATE	TOTAL TIME IN SERVICE	
	HOURS	10TH

J A AIR CENTER AURORA AIRPORT/SUGAR GROVE, IL 60554
 Repair Station #NF2R029L
 Type CESSNA LC42-550FB
 N # 352JA
 S/N 421005
 TSMOH
 REC. HR. METER 170
 ENGINE MODEL IO-550-N(37)
 ENGINE S/N 691656
 IS SET AT 660 AND 10-25 RPM RISE AT SHUTDOWN.
 THE AIRCRAFT, ENGINE, APPLIANCE, OR COMPONENT IDENTIFIED WAS
 REPAIRED & INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS
 OF THE FEDERAL AVIATION AGENCY AND IS APPROVED FOR RETURN TO
 SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS
 REPAIR STATION UNDER W.O. # 17790 DATE: DECEMBER 4, 2009
 SIGNED: BRUCE P. REBECHINI For
 J.A. AIR CENTER, AURORA AIRPORT, SUGAR GROVE, IL 60554
 F.A.A. APPROVED REPAIR STATION #NF2R029L

AUTHORIZED SIGNATURE,
CERTIFICATE TYPE
& NUMBER

DATE	TOTAL TIME IN SERVICE	
	HOURS	10TH

J A AIR CENTER AURORA AIRPORT/SUGAR GROVE, IL 60554 P 1
 Repair Station #NF2R029L ENGINE LOG #1
 Type CESSNA LC42-550FB
 N # 352JA
 S/N 421005
 TSMOH
 REC. HR. METER 171
 ENGINE MODEL IO-550-N(37)
 ENGINE S/N 691656
 ENGINE DIES ON LANDING ROLL OUT-
 CONTACTED BOB ROBBINS AT TCM SUPPORT. BRIEFED BOB ON THE
 HISTORY OF THE ENGINE AND WHAT BILL ROSS REQUESTED.
 PERFORMED FUEL OFF TEST AS PER BOB ROBBINS AS REQUESTED AND
 DETERMINED THE ENGINE DRIVEN FUEL PUMP WAS DEFECTIVE.
 REMOVED THE ORIGINAL FUEL PUMP P/N 655921-1A4 S/N B07JA203
 AND INSTALLED A REPLACEMENT PUMP P/N 655921-1A4 S/N B09EA014
 SET ENGINE FUEL PRESSURE, FLOWS AND SPEEDS IN ACCORDANCE
 WITH TCM SID97-3E. INSPECTED THE SYSTEM FOR LEAKS. FLIGHT
 TESTED THE ENGINE AND FOUND OPERATION WAS NORMAL DURING
 LANDING.
 THE AIRCRAFT, ENGINE, APPLIANCE, OR COMPONENT IDENTIFIED WAS
 REPAIRED & INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS
 OF THE FEDERAL AVIATION AGENCY AND IS APPROVED FOR RETURN TO
 SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS
 REPAIR STATION UNDER W.O. #17820 DATE: DECEMBER 12, 2009
 SIGNED: BRUCE P. REBECHINI For
 J.A. AIR CENTER, AURORA AIRPORT, SUGAR GROVE, IL 60554

AUTHORIZED SIGNATURE,
CERTIFICATE TYPE
& NUMBER

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	MINUTES	
			<p>TYPE CESSNA LC42-550FB ENGINE LOG #1</p> <p>N # 352JA TSMOH</p> <p>S/N 421005 REC. HR. METER 157</p> <p>ENGINE MODEL IO-550-N(37)</p> <p>ENGINE S/N 691656</p> <p>ENGINE QUITS ON ROLLOUT- ADJUSTED UNMETERED PUMP PSI IN ACCORDANCE WITH SID97-3E AND ADJUSTED IDLE SPEED.</p> <p>THE AIRCRAFT, ENGINE, APPLIANCE, OR COMPONENT IDENTIFIED WAS REPAIRED & INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION AGENCY AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER W.O. #17741 DATE: NOVEMBER 10, 2009 SIGNED: BRUCE P. REBECHINI <i>Bruce P. Rebechini</i> For J.A. AIR CENTER, AURORA AIRPORT, SUGAR GROVE, IL 60554 E.A.A. APPROVED REPAIR STATION #NF2R029L</p>

DATE	TOTAL TIME IN SERVICE		AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	MINUTES	
			<p>J A AIR CENTER AURORA AIRPORT/SUGAR GROVE, IL 60554 P 1</p> <p>Repair Station #NF2R029L ENGINE LOG #1</p> <p>Type CESSNA LC42-550FB TT 170</p> <p>N # 352JA TSMOH</p> <p>S/N 421005 REC. HR. METER 170</p> <p>ENGINE MODEL IO-550-N(37)</p> <p>ENGINE S/N 691656</p> <p>ENGINE QUITS ON ROLLOUT- INSTALLED TEST EQUIPMENT. CHECKED LOW UNMETERED PRESSURE. FOUND PRESSURE TO BE WITHIN SPECIFICATIONS. CHECKED FOR INTAKE LEAK. THERE WAS NO INDICATION OR EVIDENCE OF LEAK. REMOVED TEST EQUIPMENT. NO FURTHER ACTION WAS TAKEN. CONTACTED BILL AT TCM SUPPORT. RECOMMENDED BACKING OUT LOW UNMETER ADJUSTER ALL THE WAY OUT UNTIL NO SPRING TENSION. REMOVE FUEL OUT AND VAPOR RETURN LINES. FLUSH WITH BOOST PUMP INTO FILTERS. CHECK FOR DIRT. RESET FUEL PSI. IF PROBLEM CONTINUES WILL NEED A PUMP. PERFORMED FUEL PUMP INSPECTION AS PER TCM TECH SUPPORT. REMOVED LOW UNMETERED LINE AND VAPOR RETURN LINE. INSTALLED TEMPORARY HOSES AND BACKED OFF LOW UNMETERED ADJUSTMENT SCREW 5 TURNS. RAN BOOST PUMP WITH HOSES IN CLEAN CUP. FOUND DEBRIS. TURNED ADJUSTMENT SCREW 5 TURNS IN. REINSTALLED VAPOR RETURN HOSE. INSTALLED EQUIPMENT. RAN ENGINE. FOUND LOW UNMETERED AT 5-7 PSI. ADJUSTED 1 TURN IN. PRESSURE AT 10 PSI AT 600 RPM. IDLE</p>

DATE	TOTAL TIME IN SERVICE		AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10TH	
			<p> CESSNA 441QX N # 352JA S/N 421005 TSMOH REC. HR. METER 170 ENGINE MODEL IO-550-N(37) ENGINE S/N 691656 IS SET AT 660 AND 10-25 RPM RISE AT SHUTDOWN. THE AIRCRAFT, ENGINE, APPLIANCE, OR COMPONENT IDENTIFIED WAS REPAIRED & INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION AGENCY AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER W.O. # 17790 DATE: DECEMBER 4, 2009 SIGNED: BRUCE P. REBECHINI <i>Bruce P. Rebechini</i> For J.A. AIR CENTER, AURORA AIRPORT, SUGAR GROVE, IL 60554 F.A.A. APPROVED REPAIR STATION #NF2R029L </p>

DATE	TOTAL TIME IN SERVICE		AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10TH	
			<p> J A AIR CENTER AURORA AIRPORT/SUGAR GROVE, IL 60554 P 1 Repair Station #NF2R029L ENGINE LOG #1 Type CESSNA LC42-550FB TSMOH 171 N # 352JA S/N 421005 REC. HR. METER 171 ENGINE MODEL IO-550-N(37) ENGINE S/N 691656 ENGINE DIES ON LANDING ROLL OUT- CONTACTED BOB ROBBINS AT TCM SUPPORT. BRIEFED BOB ON THE HISTORY OF THE ENGINE AND WHAT BILL ROSS REQUESTED. PERFORMED FUEL OFF TEST AS PER BOB ROBBINS AS REQUESTED AND DETERMINED THE ENGINE DRIVEN FUEL PUMP WAS DEFECTIVE. REMOVED THE ORIGINAL FUEL PUMP P/N 655921-1A4 S/N B07JA203 AND INSTALLED A REPLACEMENT PUMP P/N 655921-1A4 S/N B09EA014 SET ENGINE FUEL PRESSURE, FLOWS AND SPEEDS IN ACCORDANCE WITH TCM SID97-3E. INSPECTED THE SYSTEM FOR LEAKS. FLIGHT TESTED THE ENGINE AND FOUND OPERATION WAS NORMAL DURING LANDING. THE AIRCRAFT, ENGINE, APPLIANCE, OR COMPONENT IDENTIFIED WAS REPAIRED & INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION AGENCY AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER W.O. #17820 DATE: DECEMBER 12, 2009 SIGNED: BRUCE P. REBECHINI <i>Bruce P. Rebechini</i> For J.A. AIR CENTER, AURORA AIRPORT, SUGAR GROVE, IL 60554 </p>

DATE	TOTAL TIME IN SERVICE	
	HOURS	1

AUTHORIZED SIGNATURE,
CERTIFICATE TYPE
& NUMBER

ENGINE MODEL IO-550-N(37)
ENGINE S/N 691656

ENGINE INSPECTION-
THIS TIME, THIS ENGINE WAS INSPECTED AND SERVICED AS PER
FAA & TSM SERVICE MANUALS FOR AN ANNUAL INSPECTION. COM-
PLETE SERVICE WAS FOLLOWED BY TSM. 100% OIL, 100% MAG, 100%
MAG AND INSPECTED THE FILTER. SERVICED THE ENGINE WITH
100% MAGNOLIA OIL. FUEL INJECTORS WERE ULTRASONICALLY
CLEANED. FUEL SCREENS WERE CLEANED. MAG TIMING AND
CONDITION WERE CHECKED. IGNITION LEADS AND CONDITION OF
PLUGS WERE CHECKED. ENGINE ACCESSORIES WERE CHECKED FOR
CONDITION, SECURITY AND PROPER OPERATION. THE EXHAUST AND
INDUCTION SYSTEM WERE CHECKED FOR CONDITION AND SECURITY.
OIL SAMPLE WAS SENT TO BLACKSTONE LABS.
EXECUTIVE EXPRESS AVIATION ENGINE TREND MONITORING-
COMPLETED ENGINE TREND MONITORING INSPECTION AS PER EXECUTIVE
EXPRESS AVIATION HEALTH CHECKLIST FORM B-1/DRG/04/09/08.
NO DEFECTS WERE FOUND AT THIS TIME.

DATE	TOTAL TIME IN SERVICE	
	HOURS	1

AUTHORIZED SIGNATURE,
CERTIFICATE TYPE
& NUMBER

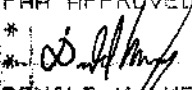
J A AIR CENTER AURORA AIRPORT/SUGAR GROVE, IL 60554 P 2
Repair Station #NF2R029L INTERFERENCE ENGINE LOG #1
Type CESSNA LC42-550FB TT 178
N # 352JA TSMOH
S/N 421005 REC. HR. METER 178

ENGINE MODEL IO-550-N(37)
ENGINE S/N 691656

I CERTIFY THAT THIS ENGINE WAS REPAIRED AND/OR INSPECTED
IN ACCORDANCE WITH AN ANNUAL INSPECTION AND IS APPROVED FOR
RETURN TO SERVICE. PERTINENT DETAILS ARE ON FILE AT THIS
REPAIR STATION UNDER W.O.# 18033. DATE APRIL 19, 2010
J.A. AIR CENTER, AURORA AIRPORT, SUGAR GROVE, IL 60554
FAA APPROVED REPAIR STATION #NF2R029L

Bruce B. Schmitt
INSPECTOR

DATE	TOTAL TIME IN SERVICE		AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	MIN	
			<div data-bbox="271 56 1308 884" data-label="Text"> <p> J.A. AIR CENTER AURORA AIRPORT/SUGAR GROVE, IL 60554 Repair Station #NF2R029L Type CESSNA LD42-550FG N # 352JA S/N 421005 ENGINE LOG #1 TSMOH REC. HR. METER 276 ENGINE MODEL IO-550-N(37) ENGINE S/N 691656 ENGINE INSPECTION: THIS TIME, THIS ENGINE WAS INSPECTED AND SERVICED AS PER CESSNA & TCM SERVICE MANUALS FOR AN ANNUAL INSPECTION. COM- BUSTION WAS TESTED AS FOLLOWS: #1-75, #2-75, #3-76, #4-73, #5-75, #6-79---ALL OVER 80. THE OIL & FILTER WERE CHANGED. OPENED AND INSPECTED THE FILTER. SERVICED THE ENGINE WITH AMSO AEROSHELL OIL. FUEL INJECTORS WERE ULTRASONICALLY CLEANED. FUEL SCREENS WERE CLEANED. MAG TIMING AND CONDITION WERE CHECKED. IGNITION LEADS AND CONDITION OF PLUGS WERE CHECKED. ENGINE ACCESSORIES WERE CHECKED FOR CONDITION, SECURITY AND PROPER OPERATION. THE EXHAUST AND INDUCTION SYSTEM WERE CHECKED FOR CONDITION AND SECURITY. THESE ITEMS WERE REPAIRED, REPLACED OR CORRECTED. ENGINE TREND MONITORING INSPECTION- COMPLIED WITH ENGINE TREND MONITORING INSPECTION AS PER EEA ENGINE TREND MONITORING FORM. </p> </div>

DATE	TOTAL TIME IN SERVICE		AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	MIN	
			<div data-bbox="271 1108 1308 1668" data-label="Text"> <p> J.A. AIR CENTER AURORA AIRPORT/SUGAR GROVE, IL 60554 Repair Station #NF2R029L Type CESSNA LD42-550FG N # 352JA S/N 421005 ENGINE LOG #1 TSMOH REC. HR. METER 276 ENGINE MODEL IO-550-N(37) ENGINE S/N 691656 I CERTIFY THAT THIS ENGINE WAS REPAIRED AND/OR INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS ARE ON FILE AT THIS REPAIR STATION UNDER W.O. #18373. DATE SEPTEMBER 16, 2010 J.A. AIR CENTER, AURORA AIRPORT, SUGAR GROVE, IL 60554 FAA APPROVED REPAIR STATION #NF2R029L *  DONALD K. MORGAN INSPECTOR </p> </div>

DATE	TOTAL TIME IN SERVICE
	HOURS

421005	REC. HR. METER 370
ENGINE MODEL 10-550-N(37)	
ENGINE S/N 691656	
25 HOUR OIL CHANGE	
CHANGED THE OIL AND FILTER. OPENED AND INSPECTED THE FILTER SENT AN OIL SAMPLE TO BLACKSTONE LABS. SERVICED THE ENGINE WITH A NEW AA48109 FILTER AND 8 QTS OF PHILLIPS 20W50XC OIL. RAN AND LEAK CHECKED.	
THE AIRCRAFT, ENGINE, APPLIANCE, OR COMPONENT IDENTIFIED WAS REPAIRED & INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION AGENCY AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER W.O. # 18828 DATE: MARCH 29, 2011	
SIGNED: BRUCE REBECHINI <i>Bruce Rebechini</i> For	
J.A. AIR CENTER, AURORA AIRPORT, SUGAR GROVE, IL 60554	
F.A.A. APPROVED REPAIR STATION #NF2R029L	

AUTHORIZED SIGNATURE,
CERTIFICATE TYPE
& NUMBER

DATE	TOTAL TIME IN SERVICE
	HOURS

J A AIR CENTER AURORA AIRPORT/SUGAR GROVE, IL 60554	P 1
Repair Station #NF2R029L	ENGINE LOG #1
Type CESSNA LC42-550FB	TTT 370
N # 352JA	TSMOH
S/N 421005	REC. HR. METER 370
ENGINE MODEL 10-550-N(37)	
ENGINE S/N 691656	
OIL CHANGE WITH SAMPLE-	
DRAINED OIL, REMOVED OIL FILTER, CUT OPEN FILTER, AND INSPECTED FOR DEBRIS. NO DEBRIS NOTED. INSTALLED NEW OIL FILTER P/N AA48109-2 AND SERVICED ENGINE WITH EIGHT QUARTS 20W50XC OIL. OBTAINED OIL SAMPLE AND SENT TO BLACKSTONE LABORATORIES. RAN ENGINE AND LEAK CHECKED, NO LEAKS NOTED.	
THE AIRCRAFT, ENGINE, APPLIANCE, OR COMPONENT IDENTIFIED WAS REPAIRED & INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION AGENCY AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER W.O. # 18939 DATE: MAY 11, 2011	
SIGNED: BRUCE P. REBECHINI <i>Bruce Rebechini</i> For	
J.A. AIR CENTER, AURORA AIRPORT, SUGAR GROVE, IL 60554	
F.A.A. APPROVED REPAIR STATION #NF2R029L	

AUTHORIZED SIGNATURE,
CERTIFICATE TYPE
& NUMBER

DATE	TOTAL TIME IN SERVICE		AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	MIN	

REPAIR STATION #NF2R029L
 REPAIRED AT 8:00 AM AND CHANGED VALVES
 ON ENGINE AND VERIFIED SQUAWK. REMOVED TOP HALF COWLING
 AND ROUND CANON PLUG NEXT TO BATTERY TO BE LOOSE.
 RESECURED CANON PLUG. OPERATIONAL CHECK SATISFACTORY.
 REINSTALLED TOP HALF COWL.
 THE AIRCRAFT, ENGINE, APPLIANCE, OR COMPONENT IDENTIFIED WAS
 REPAIRED & INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS
 OF THE FEDERAL AVIATION AGENCY AND IS APPROVED FOR RETURN TO
 SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS
 REPAIR STATION UNDER W.O. # 19028 DATE: JUNE 14, 2011
 SIGNED: BRUCE REBECHINI *Bruce Rebechini* For
 J.A. AIR CENTER, AURORA AIRPORT, SUGAR GROVE, IL 60554
 F.A.A. APPROVED REPAIR STATION #NF2R029L

DATE	TOTAL TIME IN SERVICE		AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	MIN	

J.A. AIR CENTER AURORA AIRPORT/SUGAR GROVE, IL 60554 P 1
 Repair Station #NF2R029L ENGINE LOG #1
 Type CESSNA LC42-550FB
 N # 352JA TSMOH
 S/N 421005 REC. HR. METER 430
 ENGINE MODEL IO-550-N(37)
 ENGINE S/N 691656
 OIL CHANGE AND TAKE SAMPLE-
 CHANGED THE OIL AND FILTER. OPENED AND INSPECTED THE FILTER
 SENT BLACKSTONE OIL SAMPLE. SERVICED THE ENGINE WITH 8 QTS.
 OF 20W50 X7C PHILLIPS OIL AND A NEW AA48109 FILTER. GROUND
 RAN AND LEAK CHECKED.
 THE AIRCRAFT, ENGINE, APPLIANCE, OR COMPONENT IDENTIFIED WAS
 REPAIRED & INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS
 OF THE FEDERAL AVIATION AGENCY AND IS APPROVED FOR RETURN TO
 SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS
 REPAIR STATION UNDER W.O. # 19219 DATE: AUGUST 25, 2011
 SIGNED: BRUCE P. REBECHINI *Bruce P. Rebechini* For
 J.A. AIR CENTER, AURORA AIRPORT, SUGAR GROVE, IL 60554
 F.A.A. APPROVED REPAIR STATION #NF2R029L

MAINTENANCE RECORD

ENGINE MODEL: IO-550-N(37)
ENGINE S/N: 801856
REQ. NO: N352JA
WORK ORDER: 263-11-2011



J.A. Air Center

Repair Station No. NF2R029L
43W730 US RT 30
Sugar Grove, Illinois 60554
Phone: 630.584.3200

DATE: 29 November, 2011
A/C TSN: 469.4
ENG TT: 469.4
TSMOH:
HOBBS: 469.4

Engine Entries

Drained oil and collected sample, cut opened and inspected the oil filter, installed new AA48109 filter and serviced engine with 8 qts. of 20W50 X/C oil. ran engine and detected no leakage.

Maintenance Release

Entry the aircraft and/or component(s) on was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair station CRS NF2R029L under Work Order No. 263-11-2011, Dated 29 November, 2011.

DATE: 29 November, 2011

SIGNED:

Don Morgan

Don Morgan
Certified Repair Station No. NF2R029L

Work Order 263-11-2011

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Date: 1/12/2012; Aircraft: N352JA; Type: Cessna 350; S/N: 421005; Hobbs: 510.8; Total Time: 510.8

Engine Work

Completed 300 hr fuel nozzle cleaning, next due 810.8 ACTT. Completed 500 hr magneto inspection. Compression test as follows: #1) 70/80, #2) 70/80, #3) 74/80, #4) 70/80, #5) 77/80, #6) 74/80. Replaced #1 cylinder intake tube p/n 646198 with new. Ground run for operational and leak check good. All work performed in accordance with approved/current technical data.

Craig Miller
AP3530065

Craig Miller

☒ Wisconsin Aviation - Madison
3606 Corben Court
Madison, WI 53704
608-268-5003



☐ Wisconsin Aviation - Watertown
1741 River Drive
Watertown, WI 53094
920-261-4567

Date: 1/12/2012; Aircraft: N352JA; Type: Cessna 350; S/N: 421005; Hobbs: 510.8; Total Time: 510.8

Engine Work

Completed 500 hr magneto inspection. Replaced the following new parts in left and right magnetos: Contact points p/n 10-382584, brushes p/n 10-160844, and screws p/n 10-35936-7. Internally timed magnetos and timed magnetos to engine. Ground run for operational and leak check good.

All work performed in accordance with approved/current technical data.

Timothy Woods

A&P 399480038 IA

Timothy Woods

☒ Wisconsin Aviation - Madison
3606 Corben Court
Madison, WI 53704
608-268-5003



☐ Wisconsin Aviation - Watertown
1741 River Drive
Watertown, WI 53094
920-261-4567

Date: 1/04/2012; Aircraft: N352JA; Type: Cessna 350; S/N: 421005; Hobbs: 498.5; Total Time: 498.5

Engine Work

Changed oil and filter (CH48109-1), cut filter, no metal noted, serviced engine with 9 qts. X/C 20W50 Phillips. Ground run for operational and leak check good.

All work performed in accordance with approved/current technical data.

Martin McCauley
AP339544666IA

Martin McCauley

☒ Wisconsin Aviation - Madison
3606 Corben Court
Madison, WI 53704
608-268-5003



☐ Wisconsin Aviation - Watertown
1741 River Drive
Watertown, WI 53094
920-261-4567

AUTHORIZED SIGNATURE,
CERTIFICATE TYPE
& NUMBER

ENGINE MODEL: IO-550-N(37)
DAI ENGINE S/N: 691656
REG. NO: N352JA
WORK ORDER: 526-03-2012



J.A. Air Center

Repair Station No. NF2R029L
43W730 US RT 30
Sugar Grove, Illinois 60554
Phone: 630.584.3200

DATE: 21 March, 2012

A/C TSN: 530.7

ENG TT: 530.7

TSMOH: 3

HOBBS: 530.7

JRE,

Engine Entries

- 2 Drained oil, removed oil filter and cut open for inspection. Installed new filter P/N AA48109 and serviced engine with 8 qts. of Phillips 20W50 X/C. operated engine and detected no oil filter leakage.

Maintenance Release

I certify the aircraft and/or component(s) on was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair station CRS NF2R029L under Work Order No. 526-03-2012. Dated 21 March, 2012.

DATE: 21 March, 2012

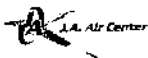
SIGNED:

Don Morgan
Certified Repair Station No. NF2R029L

Work Order: 526-03-2012

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ENGINE MODEL:
IO-550-N(37)
ENGINE S/N: 691656
REG. NO: N352JA
WORK ORDER:
663-05-2012



J.A. Air Center

Repair Station No. NF2R029L
43W730 US RT 30
Sugar Grove, Illinois 60554
Phone: 630.584.3200

DATE: 08 May, 2012

A/C TSN: 555.3

ENG TT: 555.3

TSMOH:

HOBBS: 555.3

Engine Entries

- (1) Drained oil and collected sample. Cut opened and inspected filter. Installed new AA48109 filter and serviced engine with 8 quarts of Phillips 20W50 X/C oil. Performed ground run and leak checked.

Maintenance Release

I certify the aircraft and/or component(s) on was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair station CRS NF2R029L under Work Order No. 663-05-2012. Dated 08 May, 2012.

DATE: 08 May, 2012

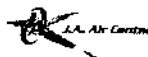
SIGNED:

Don Morgan
Certified Repair Station No. NF2R029L

Work Order: 663-05-2012

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ENGINE MODEL:
IO-550-N(37)
ENGINE S/N: 691656
REG. NO: N352JA
WORK ORDER:
707-05-2012



J.A. Air Center

Repair Station No. NF2R029L
43W730 US RT 30
Sugar Grove, Illinois 60554
Phone: 630.584.3200

DATE: 01 June, 2012

A/C TSN: 594.1

ENG TT: 594.1

TSMOH:

HOBBS: 594.1

Engine Entries

- (2) Changed the oil and filter. Opened and inspected the filter for contaminants. Serviced the engine with 8 Qts. of Phillips 20W50 X/C and a new AA48109 filter. Ground ran and leak checked.

Maintenance Release

I certify the aircraft and/or component(s) on was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair station CRS NF2R029L under Work Order No. 707-05-2012. Dated 01 June, 2012.

DATE: 01 June, 2012

SIGNED:

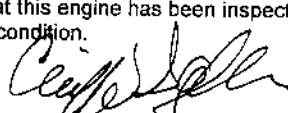

Bruce Rebecchini
Certified Repair Station No. NF2R029L

Work Order: 707-05-2012



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NUMBER

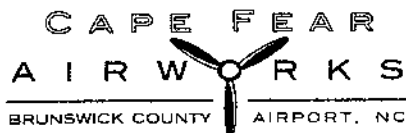
MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE	DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
		<p>Date: 7/26/2012; Aircraft: N352JA; Type: Cessna 350; S/N: 421005; Hobbs: 609.2; Total Time: 609.2; Engine - Type: IO-550N(37), S/N: 691656, Time: 609.2; Prop - Type: D3A34C444-F, S/N: 070774, Time: 609.2</p> <p>***Engine Work***</p> <p>Completed an Annual inspection in accordance with FAR 43, Appendix D.</p> <p>AD 10-11-04 (6/16/10) hydraulic valve lifter inspection, not applicable by engine date mfg and no lifters replaced after 6/19/2009. AD 11-25-51 (12/28/11) Starter adapter shaft gear inspection, not applicable by engine not turbo STC'd. AD 12-03-06 (2/24/12) AFS Fuel system fuel servo diaphragm inspection, not applicable by fuel servo manufacturer. AD 12-10-13 (6/8/12) Starter adapter shaft gear inspection, not applicable by engine not turbo STC'd. Completed Chapter 5 item: Engine oil pressure relief valve inspection, no defects noted. Compression test as follows: #1) 50/80, #2) 60/80, #3) 66/80, #4) 60/80, #5) 66/80, #6) 60/80. Master Orifice 42/80. Removed oil filter, cut and inspected for metal, no metal found. Installed new CH48109-1 oil filter. Took oil sample. Cleaned, gapped and tested spark plugs. Adjusted left and right magneto to engine timing to 22 degrees. Reinstalled #3 cylinder fuel nozzle with new seals p/n X1473, 640612 and p/n MS9021-010. Checked engine control travels and lubricated. Ground run for operational and leak checks good. All work performed in accordance with approved/current technical data.</p> <p>I certify that this engine has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition.</p> <p>Clifford Sugden A&P26599941A</p> <p></p> <p><input checked="" type="checkbox"/> Wisconsin Aviation - Madison 3606 Corben Court Madison, WI 53704 608-268-5003</p> <p></p> <p><input type="checkbox"/> Wisconsin Aviation - Watertown 1741 River Drive Watertown, WI 53094 920-261-4567</p>	

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
			<p>ENGINE MODEL: IO-550-N(37) ENGINE S/N: 691656 REG. NO: N352JA WORK ORDER: 1142-11-2012</p> <p> J.A. Air Center Repair Station No. NF2R029L 43W730 US RT 30 Sugar Grove, Illinois 60554 Phone: 630 584 3200</p> <p>DATE: 21 November, 2012 A/C TSN: 629.5 ENG TT: 629.5 TSMOH: HOBBS: 629.5</p> <p>Engine Entries</p> <p>(1) Changed the oil and filter. Opened and inspected the filter for contaminants. Filled and submitted a Blackstone oil sample. Serviced the engine with 8 Qts. of Phillips 20w50 X/C and a new AA48109 filter. Ground ran and leak checked.</p> <p>Maintenance Release I certify the aircraft and/or component(s) on was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair station: CRS NF2R029L under Work Order No. 1142-11-2012, Dated 21 November, 2012.</p> <p>DATE: 21 November, 2012 SIGNED:  Work Order: 1142-11-2012 Bruce Rebecchini Certified Repair Station No. NF2R029L Printed by EBis 3 (datcomedia.com)</p>	

DATE



910-232-2230/910-367-3344 www.CapeFearAirworks.com

SIGNATURE,
ATE TYPE
NUMBER

Date: 3/27/2013 N352JA Hobbs: 680.2 hrs.

Drained oil and removed filter. Cut open filter and inspected, no discrepancies found. Installed new CH48109-1 oil filter, safetied and 8 quarts of Phillips X/C 20W50 oil. Performed engine run and leak check found OK.

Mechanic:

A&P 1759842IA

MAINTENANCE RECORD

DATE

TOTAL TIME
IN SERVICE

HOURS

10THS

DESCRIPTION OF THE WORK PERFORMED

AUTHORIZED SIGNATURE,
CERTIFICATE TYPE
& NUMBER

Date: 8-9-2013

Make: Continental IO550N

S/N 691656 TTSN: 697.7 TT: 697.7

Customer: Pardee LLC

**Quality People
Quality Performance**

Aircraft Technicians, Inc.**2285 Airport Highway****P. O. Box 1026****Alcoa, TN. 37701 (865) 681-4553****#1 Engine Entry**

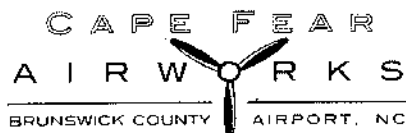
Complied with annual inspection. Drained engine oil removed, inspected and replaced oil filter with new p/n CH48109-1. Serviced engine oil with 8 qts. Phillips 20W50 XC. Complied with Magneto timing right 23 digress and left 22 degree. Removed fuel nozzles cleaned, inspected and re installed. Compress test: cold 1) 40/80 2) 44/80 3) 68/80 4) 60/80 5) 60/80 6) 66/80. Hot 1) 44/80 2) 50/80 3) 70/80 4) 60/80 5) 68/80 6) 70/80. Removed heater shroud and inspected reinstalled. Post inspection ground run operational check good.

I certify that this engine has been inspected IAW annual inspection procedures and was determined to be in Airworthy Condition.

Aircraft Technicians, Inc. Work Order # 8900 as provided to owner/operator provides information regarding the work performed and is on file.

FOR: Aircraft Technicians, Inc.

Jeremy Webster A&P # 2616233 IA

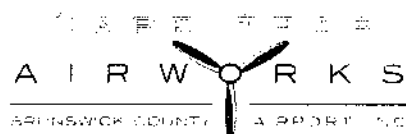
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910-232-2230/910-367-3344 www.CapeFearAirworks.com

Date: 9/27/2013 N352JA Hobbs: 704.8 hrs.

SIGNATURE
E TYPE
3ER

Performed compression test IAW Continental SB03-3 using master orifice P/N646953A to determine minimum acceptable pressure of 41 pounds. #1-42/80, #2-53/80, #3-73/80, #4-53/80, #5-69/80, #6-67/80. Borescoped #1 cylinder with no negative findings. Compressions found within limits.

Mechanic: [Signature] A&P 1759842IA

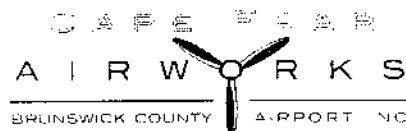
910-232-2230/910-367-3344 www.CapeFearAirworks.com

Date: 10/11/2013 N352JA Hobbs: 714.6 hrs.

Performed compression test IAW Continental SB03-3 using master orifice P/N646953A to determine minimum acceptable pressure of 41 pounds. #1-42/80, #2-58/80, #3-64/80, #4-63/80, #5-64/80, #6-71/80. Borescoped #1 cylinder with no negative findings. Compressions found within limits.

Mechanic: Kachraff — A&P 17598421A

MAINTENANCE RECORD

[illegible]

910-232-2230/910-367-3344 www.CapeFearAirworks.com

Date: 11/15/2013 N352JA Hobbs: 727.6 hrs.

SIGNATURE
ATE TYPE
MBER

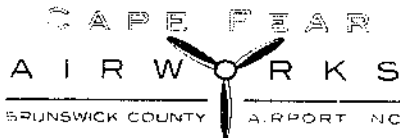
Performed compression test IAW Continental SB03-3 using master orifice P/N646953A to determine minimum acceptable pressure of 45 pounds. #1-50/80, #2-73/80, #3-65/80, #4-57/80, #5-73/80, #6-68/80. Borescoped #1 cylinder with no negative findings. Compressions found within limits. Removed full set of Continental fuel injectors. Installed GAMI fuel injectors kit number TIG550-12E S/N23147 STC SE09963SC, IAW GAMIjectors installation procedure #IP-2001-01 (RevNC) dated May 25, 2001. See 337 in aircraft record for GAMI installation. Drained oil, removed, cut & inspected filter, negative findings. Installed new C148109-1 filter and 8 quarts of Phillips 20W50 oil. Performed engine run-up for leak and operational check, all normal.

Mechanic: Richard H. Seis A&P 1759842IA

MAINTENANCE RECORD

DATE

AUTHORIZED SIGNATURE,
CERTIFICATE TYPE
NUMBER



910-367-3344 www.CapeFearAirworks.com

Date: 3/17/2014 N352JA Hobbs: 764.0 hrs.

Engine IO-550N (37) S/N691656, 764.0 hours total time since new. removed for overhaul due to low compression #1 Cylinder and general condition of all cylinder walls. cross hatch gone in ring wear areas. Varying levels of valve lifter spalling found on lifters.

Mechanic: Richard H. [Signature] A&P 1759842IA

MAINTENANCE RECORD

DATE

TOTAL TIME
IN SERVICE

HOURS

10THS

DESCRIPTION OF THE WORK PERFORMED

AUTHORIZED SIGNATURE,
CERTIFICATE TYPE
& NUMBER

See new Log started

April 2014