The Standard

ENGINE LOG

ASA-CE-2

YEAR

DATE

RIGHT ENGINE 100 HOUR INSPECTION

08-01-2023 HOBBS 535.89 AFTT 3625.6 BEECH A-60 N98KA S/N P-212

LEFT ENGINE LYCOMING TIO 541 E1C4 S/N L-1174-59

LEFT PROP HARTZELL HC-F3YR-2UF S/N DA1645A

RIGHT ENGINE LYCOMING TIO 541 E1C4 S/N L-1070-59

ENGINE TSMO 535.8 ENGINE TT 3625.6

RIGHT PROP HARTZELL HC-F3YR-2UF S/N DA1949A

Cleaned engine. Drained oil removed oil filter, cut and insp. Preformed compression test cold 1) 78/80 2) 78/80 3) 79/80 4) 79/80 5) 78/80 6) 78/80. Borescoped cylinders. Removed, cleaned, gapped, tested & installed spark plugs. Checked ignition timing. Checked & lubed engine controls. Removed and installed lifters with B&B lifters per STC SE01716SE using new gaskets and seals. Serviced with 11 QTS Aeroshell 15W50 oil, Cam Guard treatment and new CH48109-1 oil filter. Test ran & leak checked. Checked for new AD'S.

I certify this ENGINE per FAR 43 appendix D in accordance with a 100 HOUR INSPECTION & has been determined to be in airworthy condition.

William J. Halpin A&P3552575

06/24/2024 N98KA HOBBS 580.0

Changed oil and filter and replaced with Aeroshell 15/50 and new filter

Roger A. Burnham A&P 3909963

pairs and Alterations

nd Certificate Number of for other specific entries.)

W/O # 17313	Details of this work order are on file at BAC	BISMARCK AERO CENTER ND	2301 University Dr. Bldg. 53 Bismarck, ND 58504	R/H ENGINE R/H PROP
Registration N98KA				PSOH: 202.6

DATE	MFG.	MODEL#:	SERIAL#:	HOBBS:	ETT:	ESOH:	AFTT:
11/05/2024	LYCOMING	TIO-541-E1C4	L-1170-59	583.0	3672.8	583.0	3672.8

1. Complied with annual inspection items per FAR 43 Appendix D and the manufacturer's Maintenance Manual.
2. Checked for new or recurring Airworthiness Directives through this date.
3. Changed engine oil and filter. Installed new oil filter (P/N AA48109). Serviced engines with 11 quarts Aeroshell 15W-50. Washed engine with solvent. Leak check OK.
4. Performed compression check of all engine cylinders. #1-78/80. #2-77/80. #3-77/80. #4-72/80. #5-78/80. #6-75/80.
5. Removed inoperative deice boot. Installed new deice boot (P/N: 4E1188-3, S/N: 1399). Operational check OK

I certify this ENGINE/PROP was inspected IAW a 100 HOUR INSPECTION and was determined to be in an AIRWORTHY condition.

Howard Burns AP 501908279 IA

Date 12-1-19

Airframe Total Time 3470.2 Hour Meter 380.4

Engine Total Time 3376.4 Engine T.S.M.O.H. 380.4

I Certify That This ENGINE Has Been Inspected

In Accordance With AN ANNUAL

Inspection And Was Determined To Be in Air Worthy Condition

See Supplemental A/C Logs For Pertinent Details Of This Inspection

Signature James Carmel W.O. 5053

LA QUINTA AIR SERVICES INC.

FAA REPAIR STATION NO. LQ6R171N

pections, Tests, Repairs and Alterations

ed with Name, Rating and Certificate Number of acility. (*See* back pages for other specific entries.)

Right Engine : TIO-541-E1C4. Registration : N98KA Tach time : Hobbs : 396.7

Date : 04/08/2021 Serial number : L-1070-59 Tach time: 3486.5

Completed an annual inspection , Removed and replaced 11 quarts Aeroshell 15W-50, removed and replaced oil filter 48109-1 ,Cut open old filter No anomalies found, performed compression test 1. 78/80 2.78/80 3. 76/804. 78/80 5.78/80 6. 78/80 ,Inspected and gapped spark plugs, Performed operational run up, I hereby certify this aircraft has been inspected IAW Annual/100hour inspection requirements per FAR 43 appendix D and has been determined to be in airworthy condition.

James Carmel

A&P I/A 3714244

YEAR / DATE	RECORDING TACH TIME	TODA' FLIGH

RIGHT ENGINE 100 HOUR INSPECTION

06-03-2022 HOBBS 421.2 AFTT 3511.0 BEECH A-60 S/N P-212

LEFT ENGINE LYCOMING TIO 541 E1C4 S/N L-1174-59

LEFT PROP HARTZELL HC-F3YR-2UF S/N DA1645A

RIGHT ENGINE LYCOMING TIO 541 E1C4 S/N L-1070-59

ENGINE TSMO 487.4 ENGINE TT 3511.0

RIGHT PROP HARTZELL HC-F3YR-2UF S/N DA1949A

Cleaned engine. Drained oil removed oil filter, cut and insp. Preformed compression test all better than 74/80. Borescoped cylinders. Removed, cleaned, gapped, tested & installed spark plugs. Checked ignition timing. Checked & lubed engine controls. R & R oil pan and inspected lifters and cam found normal. Serviced with 12 QTS Aeroshell 15W50 oil, new CH48109-1 oil filter. Test ran & leak checked. Checked for new AD'S.

I certify this ENGINE per FAR 43 appendix D in accordance with a 100 HOUR INSPECTION & has been determined to be in airworthy condition.

William J. Halpin A&P3552575

09-29-2022 HOBBS 478.3 AFTT 3568.1 BEECH A-60 S/N P-212

LEFT ENGINE LYCOMING TIO 541 E1C4 S/N L-1174-59

LEFT PROP HARTZELL HC-F3YR-2UF S/N DA1645A

RIGHT ENGINE LYCOMING TIO 541 E1C4 S/N L-1070-59

ENGINE TSMO 544.5 ENGINE TT 3568.1

RIGHT PROP HARTZELL HC-F3YR-2UF S/N DA1949A

Drained oil removed oil filter, cut and insp. Serviced with 11 QTS Aeroshell 15W50 oil & new CH48109-1 oil filter.

William J. Halpin A&P3552575

Date 10-13-18
Airframe Total Time 3430.6 Hour Meter 340.8
Engine Total Time 3336.8 Engine T.S.M.O.H. 340.8
I Certify That This ENGINE Has Been Inspected
In Accordance With AN ANNUAL
Inspection And Was Determined To Be in Air Worthy Condition
See Supplemental A/C Logs For Pertinent Details Of This Inspection
Signature James Cunis W.O. 4875
LA QUINTA AIR SERVICES INC.
FAA REPAIR STATION NO. LQ6R171N

ions, Tests, Repairs and Alterations
th Name, Rating and Certificate Number of
. (*See* back pages for other specific entries.)

LA QUINTA AIR SERVICES INC.
RH ENGINE LOGBOOK ENTRY
N98KA 8/30/19 HOBBS TIME: 371.0 HOURS
LYCOMING TIO-541-E1C4, S/N L-1070-59

CHANGED THE OIL AND OIL FILTER. ADDED 11 QUARTS OF AEROSHELL 15W-50 MULTIVISCOSITY OIL AND INSTALLED ONE NEW CHAMPION CH48109-1 FILTER. INSPECTED THE OLD OIL FILTER FOR CONTAMINATES, CHECKED NORMAL. OIL ANALYSIS SAMPLE SUBMITTED TO "LOA" OF PHOENIX, AZ. ENGINE RUN UP AND OIL LEAK CHECKS PERFORMED.

Signed James Cunis W.O. # 5028
FAA Repair Station LQ6R171N
LA QUINTA AIR SERVICES INC.
THERMAL, CA 92274

LA QUINTA AIR SERVICES INC.
RH ENGINE LOGBOOK ENTRY
N98KA 12/1/19 HOBBS TIME: 380.4 HOURS
LYCOMING TIO-541-E1C4, S/N L-1070-59

COMPLETED AN ANNUAL INSPECTION. COMPRESSION CHECK CYLINDER #1 78/80 #2 78/80 #3 76/80 #4 75/80 #5 77/80 #6 78/80. CHANGED THE OIL AND OIL FILTER. ADDED 13 QUARTS OF AEROSHELL 15W-50 MULTIVISCOSITY OIL AND INSTALLED ONE NEW CHAMPION CH48109-1 FILTER. INSPECTED THE OLD OIL FILTER AND SUMP SCREEN FOR CONTAMINATES, CHECKED NORMAL. OIL ANALYSIS SAMPLE SUBMITTED TO "LOA" OF PHOENIX, AZ. CHECKED THE MAGNETO TIMING TO 20 DEGREES BTC. REPLACED ALL SPARK PLUGS WITH NEW CHAMPION RHB32E PLUGS. CLEANED, INSPECTED AND REINSTALLED THE INDUCTION AIR FILTER. REMOVED AND REINSTALLED THE PROPELLER HARTZELL HC-F3YR-2UF, S/N DA1649A IN REFERENCE TO HAWKER BEECHCRAFT MODEL A 60 M.M. SECTIONS 30-60-00 (BRUSHES) AND 61-00-00 (R&R) AND THE HARTZELL PROPELLER OWNER'S MANUAL 115N, "R" FLANGE PROCEDURES, FOR OVERHAUL PERFORMED BY "OTTOSEN PROPELLER AND ACCESSORIES, INC.", PHOENIX, AZ. REPLACED THE GENERATOR DRIVE BELTS WITH NEW. DESLUGED THE FORWARD INTERNAL CRANKSHAFT. ALL A.D.'S COMPLIED WITH AT THIS TIME. WASHED THE ENGINE. RUN UP AND OPERATIONAL / LEAK CHECKS PERFORMED.....continues next page.....

YEAR / 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.)
				LA QUINTA AIR SERVICES INC. RH ENGINE LOGBOOK ENTRY N98KA 12/2/17 HOBBS: 318.8 HOURS LYCOMING TIO-541-E1C4, S/N L-1070-59 CHANGED THE OIL AND OIL FILTER. ADDED 11 QUARTS OF AEROSHELL 15W-50 MULTIVISCOSITY OIL AND INSTALLED ONE NEW CHAMPION CH48109-1 FILTER. INSPECTED THE OLD OIL FILTER FOR CONTAMINATES, CHECKED NORMAL. OIL ANALYSIS SAMPLE SUBMITTED TO "LOA" OF PHOENIX, AZ. ENGINE RUN UP AND OIL LEAK CHECKS PERFORMED. Signed James Currier W.O. # 4740 FAA Repair Station LQ6R171N LA QUINTA AIR SERVICES INC. THERMAL, CA 92274

YEAR / 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.)
				LA QUINTA AIR SERVICES INC. RH ENGINE LOGBOOK ENTRY N98KA 10/13/18 HOBBS TIME: 340.8 HOURS LYCOMING TIO-541-E1C4, S/N L-1070-59 COMPLETED AN ANNUAL INSPECTION. COMPRESSION CHECK CYLINDER #1 78/80 #2 78/80 #3 78/80 #4 78/80 #5 78/80 #6 78/80. CHANGED THE OIL AND OIL FILTER. ADDED 11 QUARTS OF AEROSHELL 15W-50 MULTIVISCOSITY OIL AND INSTALLED ONE NEW CHAMPION CH48109-1 FILTER. INSPECTED THE OLD OIL FILTER AND SUMP SCREEN FOR CONTAMINATES, CHECKED NORMAL. OIL ANALYSIS SAMPLE SUBMITTED TO "LOA" OF PHOENIX, AZ. CHECKED THE MAGNETO TIMING TO 20 DEGREES BTC. CLEANED, INSPECTED, REGAPPED AND ROTATED ALL SPARK PLUGS. INSPECTED AND RESAFETIED THE FUEL SERVO SCREEN. REPLACED THE INDUCTION AIR FILTER WITH A NEW FILTER P/N P108700. CLEANED AND REINSTALLED THE CYLINDER #1 FUEL INJECTOR NOZZLE AND REINSTALLED THE INTAKE AIR PIPE, O-RINGS P/N 953516-8 AND 72711, INJECTOR TUBE LOCKPLATE P/N LW-11602 AND GASKET P/N 71973. REPLACED THE CYLINDER #4 EXHAUST ROCKER SHAFT COVER GASKET P/N 66732 AND AATTACH SCREW P/N 72709 WITH NEW. WASHED THE ENGINE. ALL A.D.'S COMPLIED WITH AT THIS TIME. ENGINE RUN UP AND OPERATIONAL / LEAK CHECKS PERFORMED. .....continues next page.....

Date 9-1-16
Airframe Total Time 3346.5 Hour Meter 256.7
Engine Total Time 3252.7 Engine T.S.M.O.H. 256.7
I Certify That This ENGINE Has Been Inspected
In Accordance With AN ANNUAL
Inspection And Was Determined To Be in Air Worthy Condition
See Supplemental A/C Logs For Pertinent Details Of This Inspection
Signature James Curnin W.O. 4513
LA QUINTA AIR SERVICES INC.
FAA REPAIR STATION NO. LQ6R171N

spections, Tests, Repairs and Alterations
ırsed with Name, Rating and Certificate Number of Facility. (*See* back pages for other specific entries.)

LA QUINTA AIR SERVICES INC.
RIGHT ENGINE LOGBOOK ENTRY
N98KA 11/7/16 HOBBS TIME: 285.0 HOURS
LYCOMING TIO-541-E1C4, S/N L-1070-59

CHANGED THE OIL AND OIL FILTER. ADDED 10 QUARTS OF AEROSHELL 15W-50 MULTIVISCOSITY OIL AND INSTALLED ONE NEW CHAMPION CH48109-1 FILTER. INSPECTED THE OLD OIL FILTER FOR CONTAMINATES, CHECKED NORMAL. OIL ANALYSIS SAMPLE SUBMITTED TO "LOA" OF PHOENIX, AZ. ENGINE RUN UP AND OIL LEAK CHECKS PERFORMED.

Signed James Curnin W.O. # 4555
FAA Repair Station LQ6R171N
LA QUINTA AIR SERVICES INC.
THERMAL, CA 92274

YEA
DAT

LA QUINTA AIR SERVICES INC.
RH ENGINE LOGBOOK ENTRY
N98KA 9/14/17 HOBBS TIME: 298.8 HOURS
LYCOMING TIO-541-E1C4, S/N L-1070-59

COMPLETED AN ANNUAL INSPECTION. COMPRESSION CHECK CYLINDER #1 78/80 #2 78/80 #3 78/80 #4 78/80 #5 78/80 #6 78/80. CHANGED THE OIL AND OIL FILTER. ADDED 12 QUARTS OF AEROSHELL 15W-50 MULTIVISCOSITY OIL AND INSTALLED ONE NEW CHAMPION CH48109-1 FILTER. INSPECTED THE OLD OIL FILTER AND SUMP SCREEN FOR CONTAMINATES, CHECKED NORMAL. OIL ANALYSIS SAMPLE SUBMITTED TO "LOA" OF PHOENIX, AZ. CHECKED THE MAGNETO TIMING TO 20 DEGREES BTC. CLEANED, INSPECTED, REGAPPED AND ROTATED ALL SPARK PLUGS. INSPECTED AND RESAFETIED THE FUEL SERVO SCREEN. INSPECTED AND CLEANED THE INDUCTION AIR FILTER, REINSTALLED. ALL A.D.'S COMPLIED WITH AT THIS TIME. ENGINE RUN UP AND OPERATIONAL / LEAK CHECKS PERFORMED.

Date 9-14-17
Airframe Total Time 3388.6 Hour Meter 298.8
Engine Total Time 3294.8 Engine T.S.M.O.H. 298.8
I Certify That This ENGINE Has Been Inspected
In Accordance With AN ANNUAL
Inspection And Was Determined To Be in Air Worthy Condition
See Supplemental A/C Logs For Pertinent Details Of This Inspection
Signature James Curnin W.O. 4678
LA QUINTA AIR SERVICES INC.
FAA REPAIR STATION NO. LQ6R171N

Date 9-4-15
Airframe Total Time 3313.7 Hour Meter 223.9
Engine Total Time 3219.9 Engine T.S.M.O.H. 223.9
I Certify That This ENGINE Has Been Inspected
In Accordance With AN ANNUAL
Inspection And Was Determined To Be in Air Worthy Condition
See Supplemental A/C Logs For Pertinent Details Of This Inspection
Signature James Curnin W.O. 4375
LA QUINTA AIR SERVICES INC.
FAA REPAIR STATION NO. LQ6R171N

ection
d with N
ility. (S

tions
er of
tries.)

FAA - PMA

This tag certifies that Sky-Tec Model No. 149-HT/ec
Serial No. FEC-161508 was manufactured new on 31 Apr 2015
by Sky-Tec under the authority of FAA-PMA No. PQ0852SW
Supplement No. 1 in accordance with Sky-Tec's
FAA-Approved Quality System (14CFR Part 21, Subpart K).
This article has been determined to be airworthy.
For installation eligibility see www.skytecair.com/eligibility.htm
Installed on N 98KA by CRS LQ6R171N
(Aircraft) (Mechanic)

LA QUINTA AIR SERVICES INC.
RIGHT HAND ENGINE LOGBOOK ENTRY
N98KA 10/30/15 HOBBS TIME: 232.8 HOURS
LYCOMING TIO-541-E1C4, S/N L-1070-59

REPLACED THE STARTER ASSEMBLY WITH A NEW SKY-TEC STARTER: REMOVED SKY-TEC P/N 149-24HT, S/N F4M-310715. INSTALLED SKY-TEC P/N 149-24HT/EC, S/N FEC-161508. OPERATIONAL CHECKS PERFORMED.

Signed James Curnin W.O. # 4376
FAA Repair Station LQ6R171N
LA QUINTA AIR SERVICES INC.
THERMAL, CA 92274

YE
DA

LA QUINTA AIR SERVICES INC.
RH ENGINE LOGBOOK ENTRY
N98KA 9/1/16 HOBBS TIME: 256.7 HOURS
LYCOMING TIO-541-E1C4, S/N L-1070-59

COMPLETED AN ANNUAL INSPECTION. COMPRESSION CHECK CYLINDER #1 74/80 #2 76/80 #3 75/80 #4 75/80 #5 75/80 #6 74/80. CHANGED THE OIL AND OIL FILTER. ADDED 12 QUARTS OF AEROSHELL 15W-50 MULTIVISCOSITY OIL AND INSTALLED ONE NEW CHAMPION CH48109-1 FILTER. INSPECTED THE OLD OIL FILTER AND SUMP SCREEN FOR CONTAMINATES, CHECKED NORMAL. OIL ANALYSIS SAMPLE SUBMITTED TO "LOA" OF PHOENIX, AZ. RETIMED THE MAGNETOS FROM: LH AT 21.5 DEGREES, RH AT 21.2 DEGREES TO 20 DEGREES BTC. CLEANED, INSPECTED, REGAPPED AND ROTATED ALL SPARK PLUGS. REPLACED THE CYLINDER #1 AND #2 PUSH ROD SHROUD TUBE SEALS P/N 70310, TUBE BASE GASKETS P/N 74906 AND ROCKER SHAFT COVER GASKETS P/N SL66732 WITH NEW DUE TO OIL LEAKAGE. REPLACED ALL ROCKER COVER GASKETS WITH NEW SILICONE "REAL GASKETS" P/N RG-76036 IN ACCORDANCE TO THE INSTRUCTIONS PROVIDED WITH THE NEW GASKETS. CORRECTED FUEL SEEPAGE FROM THE FUEL MANIFOLD DRAINS (BOTH INBOARD AND OUTBOARD LOCATIONS). INSPECTED AND RESAFETIED THE FUEL SERVO SCREEN. INSPECTED AND CLEANED THE INDUCTION AIR FILTER, REINSTALLED. ALL A.D.'S COMPLIED WITH AT THIS TIME. ENGINE RUN UP AND OPERATIONAL/ LEAK CHECKS PERFORMED.....continues next page.....

RH ENGINE LOGBOOK ENTRY
N98KA 9/12/14 HOBBS TIME: 183.6 HOURS
LYCOMING TIO-541-E1C4, S/N L-1070-59

COMPLETED AN ANNUAL INSPECTION. COMPRESSION CHECK CYLINDER #1 72/80 #2 74/80 #3 74/80 #4 75/80 #5 73/80 #6 73/80 . CHANGED THE OIL AND OIL FILTER. ADDED 11 QUARTS OF AEROSHELL 15W-50 MULTIVISCOSITY OIL AND INSTALLED ONE NEW CHAMPION CH48109-1 FILTER. INSPECTED THE OLD OIL FILTER FOR CONTAMINATES, CHECKED NORMAL. OIL ANALYSIS SAMPLE SUBMITTED TO "LOA" OF PHOENIX, AZ. REPLACED ALL SPARK PLUGS WITH NEW CHAMPION RHB32E PLUGS. CLEANED THE INDUCTION AIR FILTER, INSPECTED AND REINSTALLED. ALL A.D.'S COMPLIED WITH AT THIS TIME. WASHED THE ENGINE. ENGINE RUN UP AND OPERATIONAL CHECKS PERFORMED.

Date 9-12-14
Airframe Total Time 3273.4 Hour Meter 183.6
Engine Total Time 3179.6 Engine T.S.M.O.H. 183.6
I Certify That This ENGINE Has Been Inspected
In Accordance With AN ANNUAL
Inspection And Was Determined To Be in Air Worthy Condition
See Supplemental A/C Logs For Pertinent Details Of This Inspection
Signature James Cuvier W.O. 4149
LA QUINTA AIR SERVICES INC.
FAA REPAIR STATION NO. LQ6R171N

LA QUINTA AIR SERVICES INC.
RIGHT ENGINE LOGBOOK ENTRY
N98KA 4/28/15 HOBBS TIME: 211.1 HOURS
LYCOMING TIO-541-E1C4, S/N L-1070-59

CHANGED THE OIL AND OIL FILTER. ADDED 11 QUARTS OF AEROSHELL 15W-50 MULTIVISCOSITY OIL AND INSTALLED ONE NEW CHAMPION CH48109-1 FILTER. INSPECTED THE OLD OIL FILTER FOR CONTAMINATES, CHECKED NORMAL. OIL ANALYSIS SAMPLE SUBMITTED TO "LOA" OF PHOENIX, AZ. ENGINE RUN UP AND OIL LEAK CHECKS PERFORMED.

Signed James Cuvier W.O. # 4294
FAA Repair Station LQ6R171N
LA QUINTA AIR SERVICES INC.
THERMAL, CA 92274

RH ENGINE LOGBOOK ENTRY
N98KA 9/4/15 HOBBS TIME: 223.9 HOURS
LYCOMING TIO-541-E1C4, S/N L-1070-59

COMPLETED AN ANNUAL INSPECTION. COMPRESSION CHECK CYLINDER #1 75/80 #2 74/80 #3 74/80 #4 74/80 #5 75/80 #6 73/80. CHANGED THE OIL AND OIL FILTER. ADDED 12 QUARTS OF AEROSHELL 15W-50 MULTIVISCOSITY OIL AND INSTALLED ONE NEW CHAMPION CH48109-1 FILTER. INSPECTED THE OLD OIL FILTER FOR CONTAMINATES, CHECKED NORMAL. CHECKED THE MAGNETO TIMING. CLEANED, INSPECTED, AND ROTATED ALL SPARK PLUGS. INSPECTED AND CLEANED THE INDUCTION AIR FILTER, REINSTALLED. REPLACED THE #2 CYLINDER ROCKER COVER GASKET P/N 76036 AND EXHAUST ROCKER SHAFT COVER GASKET P/N SL66732 WITH NEW GASKETS. INSPECTED AND RESAFETIED THE FUEL SERVO SCREENS. ALL A.D.'S COMPLIED WITH AT THIS TIME. WASHED THE ENGINE, RUN UP AND OPERATIONAL CHECKS PERFORMED. .....continues next page.....

LA QUINTA AIR SERVICES INC.
N98KA 8/1/12 HOBBS TIME: 96.3 HOURS
RH ENGINE LOGBOOK ENTRY
LYCOMING TIO-541-E1C4, S/N L-1070-59

COMPLETED AN ANNUAL INSPECTION. COMPRESSION CHECK CYLINDER #1 76/80 #2 78/80 #3 76/80 #4 78/80 #5 78/80 #6 78/80. CHANGED THE OIL AND OIL FILTER. ADDED 12 QUARTS OF AEROSHELL 15W-50 MULTIVISCOSITY OIL AND INSTALLED ONE NEW CHAMPION CH48109-1 FILTER. INSPECTED THE OLD OIL FILTER FOR CONTAMINATES, CHECKED NORMAL. CHECKED THE MAGNETO TIMING. CLEANED, INSPECTED AND ROTATED ALL SPARK PLUGS. ALL A.D.'S COMPLIED WITH AT THIS TIME. ENGINE RUN UP AND OPERATIONAL CHECKS PERFORMED.

LA QUINTA AIR SERVICES INC.
RIGHT ENGINE LOGBOOK ENTRY
N98KA 2/7/13 HOBBS TIME: 124.5 HOURS
LYCOMING TIO-541-E1C4, S/N L-1070-59.

CHANGED THE OIL AND OIL FILTER. INSPECTED THE OLD OIL FILTER FOR CONTAMINATES, CHECKED NORMAL. OIL ANALYSIS SAMPLE SUBMITTED TO "LOA" OF PHOENIX, AZ. ADDED 11 QUARTS OF AEROSHELL 15W-50 MULTIVISCOSITY OIL AND INSTALLED ONE NEW CHAMPION CH48109-1 FILTER. ENGINE RUN UP AND OIL LEAK CHECKS PERFORMED.

Signed James Currier W.O. # 3882
FAA Repair Station LQ6R171N
LA QUINTA AIR SERVICES INC.
THERMAL, CA 92274

YEAR | RECORDING | TODAY'S | TOTAL | Description of Inspections, Tests, Repairs and Alterations
DATE

LA QUINTA AIR SERVICES INC.
RH ENGINE LOGBOOK ENTRY
N98KA 8/22/13 HOBBS TIME: 133.1 HOURS
LYCOMING TIO-541-E1C4, S/N L-1070-59

COMPLETED AN ANNUAL INSPECTION. COMPRESSION CHECK CYLINDER #1 78/80 #2 78/80 #3 78/80 #4 78/80 #5 78/80 #6 78/80. CHANGED THE OIL AND OIL FILTER. ADDED 11 QUARTS OF AEROSHELL 15W-50 MULTIVISCOSITY OIL AND INSTALLED ONE NEW CHAMPION CH48109-1 FILTER. INSPECTED THE OLD OIL FILTER FOR CONTAMINATES, CHECKED NORMAL. CLEANED, REGAPPED AND ROTATED ALL SPARK PLUGS. RETIMED THE RIGHT MAGNETO FROM 22 DEGREES TO 20 DEGREES BTC. REPLACED THE OIL PRESSURE REGULATOR BASE GASKET WITH A NEW CRUSH WASHER AND RESAFETIED. REMOVED AND REINSTALLED THE GENERATOR P/N 30060-004, S/N 648 FOR OVERHAUL BY "AERO ACCESSORIES, INC.", VAN NUYS, CA. COMPLIED WITH A.D. 84-26-02 BY REPLACEMENT OF THE INLET AIR FILTER WITH A NEW P/N P108700 FILTER. ENGINE RUN UP AND OPERATIONAL CHECKS PERFORMED.

Date 8-22-13
Airframe Total Time 3222.9 Hour Meter 133.1
Engine Total Time 3129.1 Engine T.S.M.O.H. 133.1
I Certify That This ENGINE Has Been Inspected
In Accordance With AN ANNUAL
Inspection And Was Determined To Be in Air Worthy Condition
See Supplemental A/C Logs For Pertinent Details Of This Inspection
Signature James Currier W.O. 3941
LA QUINTA AIR SERVICES INC.
FAA REPAIR STATION NO. LQ6R171N

YEAR / 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.)

LA QUINTA AIR SERVICES INC.

N98KA 3/25/10 TSI0-541-E1C4 S/N RIGHT ENGINE:L-1070-59 HOBBS TIME: 37.9 HOURS COMPLETED AN ANNUAL INSPECTION. COMPRESSION CHECK ALL CYLINDERS 76/80. CHANGED THE OIL AND OIL FILTER. ADDED 12 QUARTS OF AEROSHELL 15W-50 MULTIVISCOSITY OIL AND INSTALLED ONE NEW CHAMPION CH48109-1 FILTER. INSPECTED THE OLD OIL FILTER FOR CONTAMINATES, CHECKED NORMAL. CHECKED THE MAGTNETO TIMING. CLEANED AND ROTATED ALL SPARK PLUGS. CLEANED AND INSPECTED THE INDUCTION AIR FILTER. C.W. PRECISION AIRMOTIVE A.D. 2009-02-03 (k)(l) BY REPLACEMENT OF THE FUEL INJECTION SERVO PLUG GASKET I.A.W. M.S.B. NO. PRS-107 R4, A NEW GASKET P/N 2577258 IS INSTALLED. ENGINE RUN UP AND OPERATIONAL CHECKS PERFORMED.

Date 3-25-10
Airframe Total Time 3127.7 Hour Meter 37.9
Engine Total Time 3070.6 Engine T.S.M.O.H. 37.9
I Certify That This ENGINE Has Been Inspected
In Accordance With AN ANNUAL
Inspection And Was Determined To Be in Air Worthy Condition
See Supplemental A/C Logs For Pertinent Details Of This Inspection
Signature James Cunner W.O. 3431
LA QUINTA AIR SERVICES INC.
FAA REPAIR STATION NO. LQ6R171N

YEAR / 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.)

LA QUINTA AIR SERVICES INC.
RH ENGINE LOGBOOK ENTRY
N98KA 4/8/11 HOBBS TIME 74.6 HOURS
LYCOMING TIO-541-EIC4, S/N L-1070-59

COMPLETED AN ANNUAL INSPECTION. COMPRESSION CHECK CYLINDER #1 76/80 #2 78/80 #3 78/80 #4 76/80 #5 78/80 #6 76/80. CHANGED THE ENGINE OIL AND OIL FILTER. ADDED 12 QUARTS OF AEROSHELL 15W-50 MULTIVISCOSITY OIL AND INSTALLED ONE NEW CHAMPION CH48109-1 FILTER. INSPECTED THE OLD OIL FILTER FOR CONTAMINATES, CHECKED NORMAL. CHECKED THE MAGNETO TIMING. CLEANED, REGAPPED AND ROTATED ALL SPARK PLUGS. REPLACED LEAKING GASKETS ONTO CYLINDERS #2 AND #4 EXHAUST ROCKER SHAFT PANELS WITH NEW LYCOMING GASKETS P/N 66732. WASHED THE ENGINE. ALL A.D.'S COMPLIED WITH AT THIS TIME. ENGINE RUN UP AND OPERATIONAL CHECKS PERFORMED.

Date 4-8-11
Airframe Total Time 3164.4 Hour Meter 74.6
Engine Total Time 3070.6 Engine T.S.M.O.H. 74.6
I Certify That This ENGINE Has Been Inspected
In Accordance With AN ANNUAL
Inspection And Was Determined To Be in Air Worthy Condition
See Supplemental A/C Logs For Pertinent Details Of This Inspection
Signature James Cunner W.O. 3621
LA QUINTA AIR SERVICES INC.
FAA REPAIR STATION NO. LQ6R171N

LA QUINTA AIR SERVICES INC.

N98KA 3/18/08 HOBBS TIME: 1388.2 HOURS

COMPRESSION CHECK RIGHT HAND ENGINE: CYLINDER #1 76/80 #2 76/80 #3 76/80 #4 74/80 #5 74/80 #6 74/80. CHANGED THE OIL AND OIL FILTER. ADDED 13 QUARTS OF AEROSHELL 15W-50 MULTIVISCOSITY OIL AND INSTALLED ONE NEW CHAMPION CH48109-1 FILTER. OIL ANALYSIS SAMPLE SUBMITTED TO "LOA" OF PHOENIX, AZ.. WASHED THE ENGINE. RUN UP AND OIL LEAK CHECKS PERFORMED.

Signed James Carrier **W.O. #** 3019

FAA Repair Station LQ6R171N

LA QUINTA AIR SERVICES INC.

THERMAL, CA 92274

YEAR / DATE	RECORDING TACH TIME	TO FLI

Date: 11-12-2007 **Hobbs:** 1384.3 **Reg. No.:** N98KA
Eng. Model: TIO-541-E1C4 **Eng. S/N:** L-1070-59
SMOH: 0.000
Engine Major Overhaul

Completed engine and propeller installation this date for the purpose of a engine major overhaul. Propeller overhauled by Precision Propeller Service, INC. Serviced engine with 13 quarts Aeroshell 15W50 oil. Engine installed with modified camshaft per STC SA01435LA (FAA form 337 filed this date. Ground run, test flight and leak check satisfactory. For details concerning this installation refer to W.O 7515 at this overhaul facility.

Glenn Trostel
CRS# F4WR655Y

The New Firewall Forward
Loveland, CO 80538

DATE: 11/16/07 **Hobbs:** 1384.3 **N:** 98KA **MODEL:** A60 **S/N:** P-212 **TOTAL TIME:** 3080.7
RH ENGINE MODEL: TIO-541-E1C4 **S/N:** [redacted] **TOTAL TIME:** **SMOH:** 0.0
LH ENGINE MODEL: TIO-541-E1C4 **S/N:** [redacted] **TOTAL TIME:** **SMOH:** ~~0.0~~ 1.3
RH PROPELLER MODEL: HC-F3YR-2UF **S/N:** [redacted] **TOTAL TIME:** **SPOH:** 0.0
LH PROPELLER MODEL: HC-F3YR-2UF **S/N:** **TOTAL TIME:** **SPOH:** 0.0

I certify that this engine has been inspected in accordance with an Annual inspection and was determined to be in an airworthy condition.

BOB GATES AIRCRAFT MAINTENANCE, INC.
5235 Gulfstream Court
Loveland, Co
970-461-9999

Don Wright Jr.
A&P 3100700 IA

YEAR / DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alteration

Advanced Aircraft Service
8622 Gibbs Dr.
San Diego, CA. 92123
858-560-7599 Fax 858-560-7507
CESSNA SERVICE CENTER

Date: 2/17/09 N# : 98KA S/N: P212
RH Eng. TIO-541-E1C4 S/N: L-1070-59
Tach: Hobbs: 0010.3 Eng. TT: 3043.0 TTSMOH: 19.4

Routine maintenance and Annual Inspection completed. Compressions as follows: #1 76/80 #2 76/80 #3 74/80 #4 78/80 #5 76/80 #6 76/80
Changed oil and filter. Serviced with 12 qts. AS15W50WT. Replaced #1 cyl. push tube housing seals. Cleaned fuel screens. Checked magneto timing. Engine ground run and leak checked, ops. normal.
This ~~Airframe~~ / Engine has been inspected I/A/W FAR Part 43 Appendix D. using Current Aircraft Maintenance Manual as a guide to complete ~~an Annual / 100 hr~~ Inspection,and was determined to be in an airworthy condition at this time.

IA570840740

----------END----------

YEAR / 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.)

EST. T 2660.6

Date: 11-14-2007 **Hobbs:** 1384.3 **Reg. No.:** 98KA
Eng. Model: TIO-541-E1C4 **Eng. S/N:** L-1070-59
SMOH: 0.000

Engine Major Overhaul

Completed engine major overhaul this date in reference with Lycoming overhaul manual 60279-13. parts manual PC-120 and all applicable service bulletins. letters and instructions. This engine has overhauled to new fits and limits. All internal steel parts magnaflux particle inspected. Crankcase overhauled/ certified. crankshaft overhauled/ certified. and Firewall Forward Technologies LLC Centri-Lube camshaft installed (FAA form 337 filed this date). Counterweights overhauled and certified. Connecting rods align bored. Lycoming factory new cylinder assemblies installed. Engine accessories were overhauled/exchanged or new as follows: Ignition Harness. Champion Spark Plugs. Magneto's. Generator. Sky-Tec Starter. Fuel Pump. Fuel Servo. Fuel Plenum. Turbocharger. Wastegate. Controller. PRV. Tach Generator. Propeller Governor and Oil Cooler. Installed new JPI CHT Probes (P/N: 5050A) and EGT Probes (P/N: M-111). New oil and fuel hoses and shock mounts installed. Installed modified oil filter adapter. an increased opening pressure spring and modified oil filter stud per STC SE00584DE (FAA form 337 filed this date). Removed Intercooler from Engine S/N: L-1575-59 and installed in this engine (FAA form 337 filed this date. Maintenance release tags and a list of complied with A.D's provided. Engine dynamometer tested in accordance with Lycoming overhaul manual and is approved for return to service. **I certify that this engine has been inspected in accordance with a 100 hour inspection and has been determined to be in an airworthy condition.** For complete details concerning this overhaul. refer to work order #4298-08-2006 on file at this overhaul facility. END.

Glenn Trostel
CFS No. F4WR655Y

The New Firewall Forward
Loveland, CO 80538

YEAR / 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.)

Date: 10-10-2007 **Hobbs:** 1384.3 **Reg. No.:** 98KA
Eng. Model: TIO-541-E1C4 **Eng. S/N:** L-1070-59
SMOH: 0.000

Engine Major Overhaul

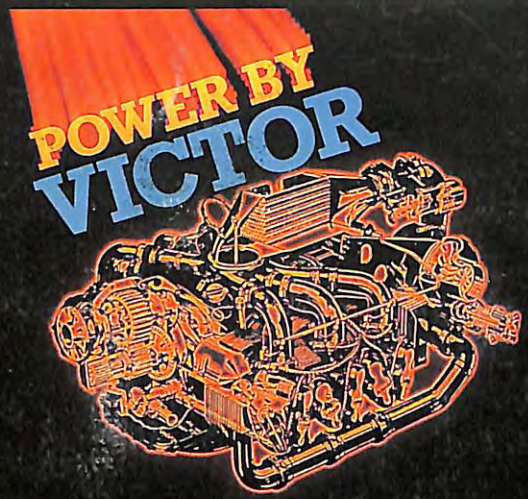
ACCESSORIES OVERHAULED OR EXCHANGED AT OVERHAUL

MFG. NAME	COMPONENT	MODEL/PN	SERIAL No.
Bendix	Magneto	10-349290-2	H096879
Bendix	Magneto	10-349310-4	H096880
LSI	Generator	30060-004	648
Sky-Tec	Starter	149-24HT	F4M-310715
Crane	Fuel Pump	RG9570K1/M	B-297
Precision	Fuel Servo	2524275-15	49736
Garrett	Controller	481008-9008	CK0115
Garrett	PRV	470944-9007	KHO00167
Garrett	Wastegate	470818-9005	LBR0108
Garrett	Turbocharger	407540-9003	IKR0111
Quality	Tach. Generator	2CM9AAH-4	K1565
Woodward	Propeller Governor	210556	1449078P
Stewart Warner	Oil Cooler	10046A	H07-6117-5

The New Firewall Forward
Loveland, CO 80538

Kile

REBUILT ENGINE LOG



N6011S RIGHT
AIRCRAFT N NUMBER

TIO541E1C4
ENGINE MODEL NUMBER

L-1070-59
ENGINE SERIAL NUMBER

INSPECTION & MAINTENANCE RECORD

DATE

ENGINE MODEL:
TIO-541-E1C4
ENGINE S/N (R): L-1070-59
REG. NO: N6011S
WORK ORDER:
1365-07-2005

Lone Mountain Aviation, Inc.
2830 N. Rancho Dr. Suite A
Las Vegas, NV 89130
Phone: (702) 309-2200

DATE: 8/12/2005
A/C TSN: 2647.7
ENG TT (R): 2590.6
TSMOH (R): 971.5
HOBBS: 1301.1

Right Engine Entries

I certify this engine has been inspected IAW a 100 hr. inspection and was found to be in an airworthy condition.... Changed oil and filter. Cut open filter and checked for metal. None found. Serviced with 11 qts A/S 100 Plus oil. Engine run and leak check good.... Oil sample taken.... Compression check: #1-68, #2-76, #3-72, #4-77, #5-72, #6-72.... Installed right wastegate after overhaul by western skyways W/O18877. P/n 470818-9005, S/N LBR0108.

The aircraft, component identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details are on file at this facility under the above W.O. number.

DATE: 8/12/2005 SIGNED: Guy a. Zito Work Order: 1365-07-2005

Guy Zito, IA: 526196332 Printed by EBis 3 (datcomedia.com)

ENGINE MODEL:
TIO-541-E1C4
ENGINE S/N (R): L-1070-59
REG. NO: N6011S
WORK ORDER:
1742-02-2006

Lone Mountain Aviation, Inc.
2830 N. Rancho Dr. Suite A
Las Vegas, NV 89130
Phone: (702) 309-2200

DATE: 3/22/2006
A/C TSN: 2683
ENG TT (R): 2625.9
TSMOH (R): 1006.8
HOBBS: 1336.4

Right Engine Entries

Changed oil and filter. Cut open and checked filter. Serviced with 12 qts A/S 100 Plus oil. Engine run and leak check good.... Oil sample taken....
Removed and replaced ring terminal to right mag
on right engine.... Lubed right wastgate.

The aircraft, component identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details are on file at this facility under the above W.O. number.

DATE: 3/22/2006 SIGNED: Kenneth Schorado Jr. Work Order: 1742-02-2006

Kenneth Schorado, IA: 472582237 Printed by EBis 3 (datcomedia.com)

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.

ENGINE MODEL:
TIO-541-E1C4
ENGINE S/N (R): L-1070-59
REG. NO: N6011S
WORK ORDER:
1842-04-2006

Lone Mountain Aviation, Inc.
2830 N. Rancho Dr. Suite A
Las Vegas, NV 89130
Phone: (702) 309-2200

DATE: 4/25/2006
A/C TSN: 2698.5
ENG TT (R): 2641.4
TSMOH (R): 1022.3
HOBBS: 1351.9

Right Engine Entries

Changed oil and filter. Cut open filter and checked for metal. None found. Serviced with 12 qts A/S 100 Plus oil. Leak check good.... Oil sample taken.

The aircraft, component identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details are on file at this facility under the above W.O. number.

DATE: 4/25/2006 SIGNED: Work Order: 1842-04-2006

Phillip John Swibies, IA: IA2584811 Printed by EBis 3 (datcomedia.com)

ENGINE MODEL:
TIO-541-E1C4
ENGINE S/N (R): L-1070-59
REG. NO: N6011S
WORK ORDER:
1938-05-2006

Lone Mountain Aviation, Inc.
2830 N. Rancho Dr. Suite A
Las Vegas, NV 89130
Phone: (702) 309-2200

DATE: 6/14/2006
A/C TSN: 2717.7
ENG TT (R): 2660.6
TSMOH (R): 1041.5
HOBBS: 1371.1

Right Engine Entries

Changed oil and filter. Cut open filter and checked for metal. Serviced with 12 qts AS 100W Plus. Engine run and leak check good.... Oil sample taken...
Lubed right wastegate.

The aircraft, component identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details are on file at this facility under the above W.O. number.

DATE: 6/14/2006 SIGNED: Paul Watson Work Order: 1938-05-2006

Paul Watson, A&P: 530768042 Printed by EBis 3 (datcomedia.com)

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.

ENGINE MODEL:
TIO-541-E1C4
ENGINE S/N (R): L-1070-59
REG. NO: N6011S
WORK ORDER:
743-10-2004

Lone Mountain Aviation, INC.
2830 N. Rancho Dr. Suite A
Las Vegas, NV 89130
Phone: (702) 309-2200

DATE: 11/19/2004
A/C TSN: 2578.7
ENG TT (R): 2521.6
TSMOH (R): 902.5
HOBBS: 1232.1

Right Engine Entries

Removed bottom spark plugs, cleaned and gapped plugs and reinstalled. Ops check good.

The aircraft, component identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details are on file at this facility under the above W.O. number.

DATE: 11/19/2004 SIGNED: Jim Jakus, IA: 2096119

Work Order: 743-10-2004

Printed by EBis 3 (datcomedia.com)

ENGINE MODEL:
TIO-541-E1C4
ENGINE S/N (R): L-1070-59
REG. NO: N6011S
WORK ORDER:
836-11-2004

Lone Mountain Aviation, INC.
2830 N. Rancho Dr. Suite A
Las Vegas, NV 89130
Phone: (702) 309-2200

DATE: 12/17/2004
A/C TSN: 2594.1
ENG TT (R): 2537
TSMOH (R): 917.9
HOBBS: 1247.5

Right Engine Entries

Removed fuel servo PN 2524275-14, SN 49736. Servo repaired by Western Skyways on WO 18052. Reinstalled servo after repair. Engine run and adjusted idle mixture. Operational check good.

The aircraft, component identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details are on file at this facility under the above W.O. number.

DATE: 12/17/2004 SIGNED: Jim Jakus, IA: 2096119

Work Order: 836-11-2004

Printed by EBis 3 (datcomedia.com)

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.

ENGINE MODEL:
TIO-541-E1C4
ENGINE S/N (R): L-1070-59
REG. NO: N6011S
WORK ORDER:
886-12-2004

Lone Mountain Aviation, INC.
2830 N. Rancho Dr. Suite A
Las Vegas, NV 89130
Phone: (702) 309-2200

DATE: 2/10/2005
A/C TSN: 2594.1
ENG TT (R): 2537
TSMOH (R): 917.9
HOBBS: 1247.5

Right Engine Entries

Removed cylinders #1, #3, #5 and #6 cylinders. Cylinders repaired by Western Skyways on WO 18163. Cylinders reinstalled after repair. Engine run and leak check good.

The aircraft, component identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details are on file at this facility under the above W.O. number.

DATE: 2/10/2005 SIGNED: Jim Jakus, IA: 2096119

Work Order: 886-12-2004

Printed by EBis 3 (datcomedia.com)

ENGINE MODEL:
TIO-541-E1C4
ENGINE S/N (R): L-1070-59
REG. NO: N6011S
WORK ORDER:
1088-03-2005

Lone Mountain Aviation, Inc.
2830 N. Rancho Dr. Suite A
Las Vegas, NV 89130
Phone: (702) 309-2200

DATE: 4/25/2005
A/C TSN: 2627.3
ENG TT (R): 2570.2
TSMOH (R): 951.1
HOBBS: 1280.7

Right Engine Entries

Changed oil and filter. Cut open filter and checked for metal. None found. Serviced with 11 qts AS100W Plus. Engine run and leak check good.... Timing checked good. Removed.and replaced spark plugs with RHB37E plugs.... Lubed right wastegate with mousemilk.

The aircraft, component identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details are on file at this facility under the above W.O. number.

DATE: 4/25/2005 SIGNED: Paul Watson, A&P: 539768042

Work Order: 1088-03-2005

Printed by EBis 3 (datcomedia.com)

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.

ENGINE MODEL:
TIO-541-E1C4
ENGINE S/N (R): L-1070-59
REG. NO: N6011S
WORK ORDER: 746-03-2003

Magnum Aviation
2502 John Montgomery Dr.
San Jose, CA 95148-1004

DATE: 07-01-2003
TTA: 2399.0
TTE (R): 2399.0
TSMOH (R): 306.8
HOBBS: 1,087.80

Right Engine Entries

(3) Complied with 100hour/Annual Inspection.IAW Beechcraft B60 Inspection guide and service manual.Comp.check #1 78/89 #2 79/80 #3 70/80 #4 76/80 #5 76/80 #6 75/80 Cleaned Gaped and tested sparkplugs. Checked magneto timing.Change oil and filter.Inspected filter.Found to be OK. Removed and inspected oil pickup screen.Screen found to be clean.Reinstalled with new GSKTs and hardwear.Engine checks good on ground runup and no leaks found.
...

I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.

DATE: 07-01-2003 SIGNED: WORK ORDER: 746-03-2003

Mark W. Crouch, IA 305641678

Printed by EBis (http://www.datcomedia.com)

ENGINE MODEL:
TIO-541-E1C4
ENGINE S/N (R): L-1070-59
REG. NO: N6011S
WORK ORDER:
506-06-2004

Lone Mountain Aviation, INC.
2830 N. Rancho Dr. Suite A
Las Vegas, NV 89130
Phone: (702) 309-2200

DATE: 7/9/2004
A/C TSN: 2510.3
ENG TT (R): 2519.3
TSMOH (R): 900.2
HOBBS: 1199.1

Right Engine Entries

I certify this engine has been inspected IAW a 100 hr. inspection and was found to be in an airworthy condition.... C/W compression check. 75/80, 76/80, 73/80, 70/80, 76/80, 72/80... Changed oil and filter. Cut open filter and checked for metal. None found. Serviced engine with 11 qts of Aeroshell 100 Plus.... Replaced #1 cylinder assy. Engine run and leak check good.... Replaced O-ring on right engine waste gate fitting. Leak check good.... Replaced Rt engine throttle cable rod ends.... Replace Rt engine #4 rocker box cover gasket.

The aircraft, component identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details are on file at this facility under the above W.O. number.

DATE: 7/9/2004 SIGNED: Work Order: 506-06-2004

Jim Jakus, IA: 2096119

Printed by EBis 3 (datcomedia.com)

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.

ENGINE MODEL:
TIO-541-E1C4
ENGINE S/N (R): L-1070-59
REG. NO: N6011S
WORK ORDER:
582-07-2004

Lone Mountain Aviation, INC.
2830 N. Rancho Dr. Suite A
Las Vegas, NV 89130
Phone: (702) 309-2200

DATE: 8/2/2004
A/C TSN: 2515
ENG TT (R): 2524
TSMOH (R): 904.9
HOBBS: 1203.8

Right Engine Entries

Removed left magneto PN 10-349290-2, SN 6050692. Installed overhauled magneto PN BL-349290-2, SN F04DA075R. Timed mag to engine. Engine run and operational check good.... Parts on order.

The aircraft, component identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details are on file at this facility under the above W.O. number.

DATE: 8/2/2004 SIGNED: Work Order: 582-07-2004

Tony Blackman, A&P: 622032912

Printed by EBis 3 (datcomedia.com)

ENGINE MODEL:
TIO-541-E1C4
ENGINE S/N (R): L-1070-59
REG. NO: N6011S
WORK ORDER:
721-10-2004

Lone Mountain Aviation, INC.
2830 N. Rancho Dr. Suite A
Las Vegas, NV 89130
Phone: (702) 309-2200

DATE: 10/17/2004
A/C TSN: 2576.4
ENG TT (R): 2519.3
TSMOH (R): 900.2
HOBBS: 1229.8

Right Engine Entries

Changed oil and filter. Cut open filter and checked for metal. None found. Serviced with 11 quarts Aeroshell 100 plus. Leak check good.... Oil sample taken.... Lubricated right wastegate with mousemilk penetrant.

The aircraft, component identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details are on file at this facility under the above W.O. number.

DATE: 10/17/2004 SIGNED: Work Order: 721-10-2004

Guy Zito, A&P: 526196332

Printed by EBis 3 (datcomedia.com)

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
5-1-00		N6011S 2296.4 T.T. 985.2 Tach 204.2 SMOH
		Replace spark plugs, check compression, check ignition timing.
		Check all controls for freedom of movement and security.
		Change oil and filter, Aeroshell 50w and LW-16702 additive.
		Check engine for operation.
		I certify that this engine was inspected in accordance with an 100 hour inspection and determined to be in an airworthy condition.
		Scott G. Taylor 528174107 A&P

ON & MAINTENANCE RECORD

		INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
January 10, 2002	T.T. 2337	Hobbs 1036.2.
		On the right engine check compression and timing all cylinders70 / 80 are better, changed oil and filter checked filter for foreign material found none.. Replaced all hoses from farewall to engine and engine oil and connect hoses on cylinders. Checked exhaust system for cracks, leaks and deteriation remove propeller and reinstall after overhaul by Ottosen propeller check track and de ice system operation and found to operate normal.
		I certify that this aircraft was inspected in accordance with an 100 hr.1 Inspection and determined Airworthy.
		Allen Woodhouse A&P1547790AI

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
		SEE AIRCRAFT AND PROPELLER LOG BOOKS FOR ADDITIONAL MAINTENANCES PERFORMED RELATIVE TO THIS ENGINE'S SYSTEMS DURING THIS INSPECTION EVENT. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS FOUND TO BE IN AIRWORTHY CONDITION. ENG. TT 2270.9 hours, TACH 959.7, DATE June 24, 1997. THIS ENGINE REQUIRES OPERATIONAL CHECK FLIGHT FOR RETURN TO SERVICE.

Scott Patterson

Inspector Agent 55511464 I.A.

Check Flight Pilot

Page 3 of 3 End.

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
4-15-99	N6011S	2273.4 T.T. 962.2 Tach
		Clean spark plugs, check compression, check ignition timing. Check all controls for freedom of movement and security. Change oil and filter, Aeroshell 50w Check Engine for operation.
		I certify that this engine was inspected in accordance with an 100 hour inspection and determined to be in an airworthy condition.
		Scott G. Taylor 528174107 A&P

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.

ENGINE TT 2270.9, Tach 959.7, Date June 24, 1997 , this Engine, Avco Lycoming TIO541E1C4, Serial Number L 1070-59 was inspected in accordance with a 100 hour / Annual Inspection as per Avco Lycoming Maintenance and Operations Manual, 60294-6, and Beechcraft 60 Series 100 hour or Annual Long Form Inspection Guide 60-590001-73, Dated March, 1985. In addition to the afore listed inspections all 50 hour and 100 hour inspections and servicing requirements were performed as per Beechcraft B-60 Maintenance Manual 60-590001-25A18, Section Chapter 12-00-00, Dated November 20, 1987. Engine Oil was Drained, Filters and Screens were inspected, Oil was Replenished with Aeroshell 15W-50 multi-viscosity Oil. Installed new Oil Filter Champion P/N CH48103 and Lycoming Oil Additive P/N LW-16702 as per Lycoming Service Bulletin 471 Dated Sept. 20, 1985. Engine Compression Differential Check was performed with following Cylinder Pressure Readings: Cyl. #1 = 78/80, Cyl. #2 = 78/80, Cyl. #3 = 79/80, Cyl. #4 = 80/80, Cyl. #5 = 78/80, Cyl. #6 = 78/80. Readings were averaged over a course of 3 Full Compression Checks Inspecting for proper Static and Dynamic Sealing. Engine Spark Plugs were Removed, Cleaned, Inspected, Regapped, and Installed to proper torque specifications. Magneto Timings were Verified to be at 20 BTDC as per TCDS specifications. A complete conformity Inspection of Engine and Engine Appliance Airworthiness Directives was performed. A Conformity Compliance Report of these Inspections was posted in the AD listing Section of this Engine Log Book. Engine Related AD's complied with during this inspection event as follows: Complied with AD 73-10-02 Bendix Fuel Injection System Inspection by verification of effective overhaul date and verified unit to not be applicable by this date cut off in accordance with AD listing. Complied with AD 74-26-09 Bendix Magnetos Inspection for presence of sintered Iron Bushings verified units to be in compliance with installation of machined steel bushings per AD instruction, magnetos Reidentified as necessary by para. (7) instructions of AD. Complied with AD 79-21-08 Inspection of Bendix Fuel Injection System Lock Nut by inspection of find that unit installed not applicable by Part Number in service. Complied with AD 79-26-03 Bendix Fuel Injection System Lock Nut Inspection by inspection to be not applicable by Part Number of unit installed. Complied with AD 82-13-01 Inspection of Bendix Magnetos Series 1200 with Green Distributor Blocks by inspection of Magneto Units to verify absence of effected Distributor Blocks and found to be not applicable at this time. Complied with AD 94-01-03 R2 Inspection of Bendix Magnetos for Coil and Rotating Magnet recall by inspection of installed units to verify Presence of one effected Coil present in Right Magneto P/N 10-349310-4 Serial No. 306189, this magneto coil was replaced with Coil Part No. 10-391088-1 to comply with Bendix MSB 644 and this AD, Magnetos reidentified with Code "C" Stamp per MSB 644 Instructions post inspection. Complied with AD 94-06-09 Inspection of Bendix Magnetos Capacitor Lot recall by inspection of effected part number Capacitors installed and verifying non applicability to AD by effected unit date code recall on capacitors installed in units. Verified Previous Compliance of AD 78-23-10 Bendix Fuel Injection System Center Body Bellows Seal Assy. By Victor Aviation on 8/9/86 Tach. 298.9 hrs. During last overhaul. Verified previous Compliance of AD 79-04-05 Bendix Fuel Injection System Fuel Diaphragm by Victor Aviation on 8/9/86 Tach. 298.9 hrs. During last overhaul. Verified Previous Compliance with AD 83-22-04 Bendix Fuel Injection Systems Injector Fuel Diaphragm Stem by Victor Aviation on 8/9/86 Tach. 298.9 hrs. During last overhaul. Complied with AD 91-08-07 Inspection of Fuel Pump Vent orifice and leakage by inspecting effected orifice fittings and for leakage as per AD, Fitting reidentified with Code "R" post inspection as per AD. Verified Previous Compliance with AD 92-12-05 Piston Pin Failure Inspection by FAA CRS # MX3R700L on 3/15/93 Tach. 781.0 hrs. This engine not effected by pin recall. Complied with AD 95-07-01 Connecting Rod Bolt recall by verifying Last engine assembly date to preclude any possible intervention of effected parts to this engine as per AD instructions.

Continues to Page 2 of 3

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.

Complied with AD 97-01-03 Piston Pin recall by verifying non applicability to this engine by Ad listing Serial Number Lot and date per AD instructions. Complied with AD 97-01-04 PRIORITY LETTER Superior Air Parts Cylinder Assemblies by verifying non applicability to this engine at this time due to non utilization of subject cylinder assemblies on this engine as per AD instructions. The following Engine and Engine Appliance AD listing was inspected for conformity to this engine during this inspection event and found not to currently apply: AD 77-12-05, AD 78-09-03 R3, AD 82-20-01, AD 96-12-07, and AD 73-23-01. During the course of this inspection numerous Engine and Engine Appliance Related discrepancies were encountered. Engine related discrepancy maintenance actions performed and corrected as follows: *Turbocharger Oil Seals Degraded and Causing Oil Smell in Cabin, Removed Turbocharger Assembly P/N LW13310, Serial No. ZEO1078W, TT 2270.9 . Turbocharger Assembly was Overhauled to 0.0 TSO by KELPAC INDUSTRIES, INC. FAA CRS #CY3R4440L on Work Order # 11078. Turbocharger was Reinstalled as per Avco Lycoming Maintenance and Overhaul Manual and Torqued in accordance with Garret Maintenance and Service Instructions. Unit was pre Oiled and Ground run with full Operations normal. Conjunctive to Turbo Charger Assy. Installation all new hardware, shims, seals, hoses , and clamps were utilized to include the following Part Numbers: 75689 Hose, 78146 Clamps, LW-1137 Hose, AN737TW46 Clamps, STD-1998 Bolts, AN960C616 Washers, MS20500-624 Nuts, LW-10090 Shims, STD-2045 Nuts, LW-11105 Lockplates, STD-2128 Bolts, 77067 Damper, 8290XS Compressor Drive Belt, 50-389068 Duct Induction Air, and Overhauled Exhaust System and new related Clamps associated to Airframe Systems(See Airframe Log Book for this inspection event related parts installed). *Left and Right Magnetos in poor mechanical condition requiring full electrical component rebuild, Installed the following new Part Number units to Left Magneto: P/N 10-382584 Contact Sets, P/N 10-349276 Capacitor, P/N 10-349263 Packing, P/N 10-1800046-28 Tubing, P/N 10-50752 Felt, P/N 10-349511 Washer, P/N 10-92815-37 Ring-Retainer, P/N 10-50737 Springs, P/N 10-349237 Gear-Large, P/N 10-391586 Distributor Block, and P/N 10-160844 Brush . Installed the following new Part Number units to Right Magneto: P/N 10-382585 Contact Set, P/N 10-349276 Capacitor, P/N 10-349263 Packing, P/N 10-391088-1 Coil (AD 94-01-03 R2), P/N 10-1800046-28 Tubing, P/N 10-50752 Felt, P/N 10-349511 Washer, P/N 10-92815-37 Ring-Retainer, P/N 10-50737 Spring, P/N 10-391586 Distributor Block, P/N 10-349237 Gear-Large, and P/N 10-160844 Brush. Magnetos were bench timed, E gap set, and Timed to engine at installation. All Magneto work was done in accordance with TCM Bendix S 1200 Series Maintenance and Overhaul Manual. *Left and Right High Tension Ignition Harness chaffed and deteriorated, Replace High Tension Ignition Harness with New unit of P/N 10-821685-8 Bendix Gold Seal Harness, unit was routed and secured as per Avco Lycoming TIO541 Maintenance Manual, operational checks normal. * Air Conditioner Compressor Mount Rubber Bushings Deteriorated, Installed new P/N LW-1194 Bushings to Compressor Mounts, operational checks normal. *Cylinders # 4, # 5, and #6 Exhaust Valve Oiler Fittings found loose in mounting at Head attachment, Removed effected fittings, inspected fittings and bores for anomalies, none noted. Reinstalled fittings insuring proper sealing, operational leak checks normal. *Engine Oil Cooler Damper Assy. has cracked fittings, elongated bolt bores, and rubber deterioration , Removed Upper and Lower Damper Assy's. P/N's 77711 and 77712 and replaced units with units of same part numbers new, opeational checks normal. All work Performed During the course of this Inspection was done in accordance with the latest relative Federal Aviation Regulations (FAR's) and manufacturer's Maintenance Manuals Criterions, Methods, and Techniques.

Continues to Page 3 of 3

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
		N6011S Beech B-60 Duke, S/N: P-311 RIGHT ENGINE LOG ENTRY August 22, 1995 Aircraft Hobbs Reads: 852.2 hrs Engine Make: Lycoming, Model: TIO-541-E1C4, S/N: L-1070-59 Drained oil, cleaned suction screen, and installed new oil filter P/N: CH48103, date code: F08D23-1. Inspected removed filter for abnormal contamination, none found. Refilled engine with AeroShell 15W-50 multi-weight oil. Installed Lycoming oil additive P/N: LW-16702 as per Lycoming Service Bulletin 471 dated September 20, 1985. Replaced the intercooler pop-off valve ice shield with a new unit P/N: 01-1008-9 and resafetied. Replaced the push rod tube seals for cylinders # 1 (Int & Exh), # 2 (Int), # 3 (Int), # 4 (Int & Exh), # 5 (Int & Exh), and # 6 (Int & Exh). Resecured the lower spark plug ignition leads. Replaced the oil cooler with a new unit P/N: LW-10025, S/N: D95-2162-10. Performed run-up and leak check with normal results. Work performed in accordance with Duke 60 Series Maintenance Manual, Lycoming TIO-541 operators manual, and Lycoming Integral Drive Engine Overhaul Manual. John E. Caka AP147582140

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
		N6011S Beech B-60 Duke, S/N: P-311 RIGHT ENGINE LOG ENTRY October 9, 1995 Aircraft Hobbs Reads: 890.6 hrs Engine Make: Lycoming, Model: TIO-541-E1C4, S/N: L-1070-59 Drained oil, cleaned suction screen, and installed new oil filter P/N: CH48103, date code: F05F18-1. Inspected removed filter for abnormal contamination, none found. Refilled engine with AeroShell 15W-50 multi-weight oil. Installed Lycoming oil additive P/N: LW-16702 as per Lycoming Service Bulletin 471 dated September 20, 1985. Replaced the push rod tube seals for cylinders # 1 (Exh), #2 (Int). Replaced the right engine oil gauge with a new unit P/N: LW16782-2 (obliterated marking for left side). Performed run-up and leak check with normal results. Work performed in accordance with Duke 60 Series Maintenance Manual, Lycoming TIO-541 operators manual, and Lycoming Integral Drive Engine Overhaul Manual. John E. Caka AP147582140

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
5/1/93	HOBBS 781.0	INSTALLED THIS ENGINE ON DUKE B-60 P.311 N6011S R/H SIDE DETAILS ON FILE AT TODD AERO

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HR INSPECTION AND WAS FOUND TO BE IN AN AIRWORTHY CONDITION. ~~ALL AD'S THRU COMPLIED WITH.~~ TOTAL TIME 2101.1

TSMOH -0- ~~TACK~~ TIME HOBBS 781.0

WORK ORDER # _____

Robert H Todd

24778544 8

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
2-1-95	2110.1	ANNUAL INSPECTION COMPLETED THIS DATE. CHANGED OIL AND FILTER. SERVICED WITH SHELL 15-50.
		CORPORATE AIR TECHNOLOGY 1250 AVIATION AVE. STE. 125 SAN JOSE, CA 95110 FAA CRS AU3R384L
7-1-95	2110.1	C/W LYCOMING SB 479 INSTALLED EXHAUST SLIP JOINT CLAMPS.

DATE 7-1-95 TOTAL TIME 2110.1

I CERTIFY THAT THIS ENGINE HAS BEEN ~~INSPECTED IN ACCORDANCE WITH A ANNUAL~~ INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. WO # 11739

SIGNED _____ FOR CORPORATE AIR TECHNOLOGY

FAA CRS AU3R384L

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
9/24/89		ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A ANNUAL INSPECTION AND WAS FOUND TO BE IN AN AIRWORTHY CONDITION. ALL ITEMS COMPLIED WITH AT THIS TIME. TSMOH 442 HOBBS TSMOH 740.9 WORK ORDER # Robert A. Todd 2477854428
3-15-93		Engine repaired this date. Cleaned engine parts. Magnafluxed all steel parts. Zyglowed all non-steel parts, no cracks observed. New parts installed in engine are on file at this agency under this WO# 20729. 6 ea cylinders welded + cermissomed + overhauled by E.C.I. WO# 2037, Crankcase overhauled by E.C.I. WO# 03178Q3. Crankshaft overhauled by E.C.I. W# 00912. 6 ea con rods overhauled by Mickesons Inc WO# 23938. Continue next page →

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
		4 ea counterweights overhauled by Mickesons Inc WO# 23839. Oil cooler cleaned + tested + overhauled by United Accessory WO# 3621. AD 92-12-05 piston pin insp complied with. Assembled engine to new limits in accordance with engine overhaul manual. The engine will be considered overhauled + airworthy for return to service after the required test procedures have been completed by a person authorized by FAR section 43.7. FAA repair station MX3R700L Mike Dir # 568609150

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
		To be incorporated into right engine logbook of N6011S.
		1/16/89 687.0 hobbs hours
		Changed oil and filter, serviced with 13 qts Aeroshell 100.

DATE 1/16/89 HOBBS ~~A/C~~ TIME 687.0 ENG TIME _____ W.O.# 4936

THE MAINTENANCE OPERATIONS DESCRIBED ABOVE WERE INSPECTED AND, WITH RESPECT TO THE WORK PERFORMED, THE AIRCRAFT AND/OR COMPONENT IS APPROVED FOR RETURN TO SERVICE. DETAILS ARE ON FILE AT THIS AGENCY UNDER ABOVE REFERENCED WORK ORDER.

SIGNED Steve Myers FOR

AERO SERVICES INT'L, INC. - REPAIR STATION #1191 J

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
		CW 100Hr/Annual insp. per Beech guide PN 60-590001-73 NEW INDUCTION FILTER installed. Cleaned & gapped spark plugs. Drained oil & cleaned screen. Replaced oil filter. Serviced with Aeroshell 15W50, 13qts. Retorqued rocker cover screws. Lubed waste gate. Test & checked for leaks, OK. END

BEECHCRAFT WEST
19990 Skywest Drive
Hayward, Calif. 94541

Approved Repair Station No. 4556

F.A.A. Airframe - - Class 3
Power Plant - - Class 1

I certify that this ENGINE has been inspected in accordance with ANNUAL Inspection and was determined to be in Airworthy Condition

ENG Total Time 347.6 Date 9-12-88
FRAME - 2019.6

Authorized Signature

W.O. 880

Mechs. Sign. H E Wahlstrom

Mechs. Sign.

CYLINDER NO.					
1	2	3	4	5	6
76/80	77/80	75/80	78/80	74/80	78/80

COMPRESSION CHECK

CW 2089573
H E Wahlstrom

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
9/12/88	370.3	Change oil & filter to 9 qts. Aeroshell 15W50 by Aeroservices, Oakland.

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
	16191	MAKE Lycoming MODEL TIO54E1CL S/N L-1070-59 The above aircraft and/or component identified was repaired and inspected in accordance with current Federal Air Regulations and was found airworthy for return to service for the work performed. Pertinent details of the repair are on file at this agency under work order #5003 Date 8-9-86 Signed J M Pino For Victor Aviation Services, Inc. P.O. Box 50608, Palo Alto, Ca. 94303 FAA APPROVED REPAIR STATION #102-50
		Note the engine was not installed by Victor Aviation - nothing follows.
5 SEPT 86	298.9	THIS ENGINE INSTALLED ON RIGHT SIDE OF DUKE N6011S SER # P-311 NEW ENGINE MOUNTS INSTALLED. ALL NEW HOSE ASSEMBLIES USED, NEW EXHAUST CLAMPS INSTALLED. ~~SE~~ MERLIN PRODUCTS INTERCOOLERS INSTALLED. SEE W.O. # 3725, 3779 AT → CAL-WEST AVIATION FAA REPAIR STA. NO 464-39 CONCORD, CA
		DW Brunow AP55594150G

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
1-14-87	50.1	ANNUAL INSPECTION 78, 74, 78, 76, 76, 76 COMPRESSION, OIL CHANGED TO SHELL MULTI-VIS. 15-50, PLUGS CLEANED AND GAPPED, BAFFLING DETAILED. END

MAINTENANCE RELEASE
The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Air Regulations and was found airworthy for return to service.
Pertinent details of the repair are on file at this agency under:
Work Order 3864
Date 1-14-87
Signature DW Brunow
CAL-WEST AVIATION
FAA REPAIR STA. NO 464-39
CONCORD, CA.

AIRWORTHINESS DIRECTIVE / FACTORY BULLETIN COMPLIANCE RECORD

L-1070-59

A.D./BULL. NUMBER	ITEM AFFECTED	DATE & HRS. AT COMP.	METHOD OF COMPLIANCE	TYPE OF A.D. 1 TIME/RECUR.	NEXT COMP. DATE/HRS./CYCLE	AUTHORIZED SIGNATURE CERTIFICATE NO.
73-07-04	Bdx mag	8-9-86 @0H	rebuilt mags installed		N/A	J M Pa
73-23-01R	Piston pins	8-9-86 @0H	rb by PW installed		N/A	Co inspector
74-26-09	Bdx mags	8-9-86 @0H	rebuilt mags installed		N/A	
78-23-10	Bdx fuel Servo	8-9-86 @0H	overhaul fuel Servo installed		N/A	
79-04-03R	Power loss	8-9-86 @0H	overhauled fuel Servo installed		N/A	
79-18-06R	Bdx mags	8-9-86 @0H	rebuilt mags installed		N/A	
79-21-03	Power loss	8-9-86 @0H	rebuilt fuel System installed		N/A	
82-13-01	Bdx Mag	8-9-86 @0H	rebuilt mags installed		N/A	
83-22-04	Bdx fuel	8-9-86 @0H	rb rebuilt fuel Servo installed		N/A	

VICTOR AVIATION SERVICES, INC.
P.O. BOX 50608 PALO ALTO, CA
FAA APPROVED REPAIR STATION
#402-50

12

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.

CERTIFIED POWER BY VICTOR ENGINE REBUILD

Power by Victor™

F.A.A. REPAIR STATION #402-50

A/C Reg. # N6011S A/C Ser. # P311 W.O. # 5003

Engine Make Lycoming Model TIO541E1C4

Serial # L1070-59 Eng. T.T. 1619.1 S.M.O.H. 0

Specifications

1. Engine major overhaul to factory limits.
2. Magnetos and harness by Electrosystems.
3. Starter overhauled.
4. Fuel injection system by A.A.R. Western Skyways.
5. See front of log for A.D. listing.
6. See rear of log for maintenance releases.
7. nothing follows.

A SUBSIDIARY OF Victor Aviation

VICTOR AVIATION SERVICES, INC.
P.O. BOX 50608, PALO ALTO, CA 94303-0608, (415) 856-7616

Inspector J M Pa For POWER BY VICTOR, INC. Date: 8-9-86