



The Standard

ENGINE LOG

154-55-2

YEAR
20
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 instructions)

ENGINE MODEL:

IO-540-S1A5

ENGINE S/N: L-12944-48A

REG. NO: N90GG

WORK ORDER:

4454-08-2016

North American Flight Services

Repair Station No. N0MR725J

405 Greenfield Avenue

Ballston Spa, NY 12020

Phone: 518-885-5470

DATE: 19 August, 2016

A/C TSN: 1963.3

19633 ENG TT:

TSMOH:

TACH: 1963.3

Engine Entries

ACCOMPLISHED ENGINE ANNUAL INSPECTION. DRAINED OIL. REMOVED FILTER AND CUT OPEN, NO DEBRIS NOTED. CLEANED SUCTION SCREEN. COMPRESSIONS ARE CYL#1 78/80, CYL#2 72/80, CYL#3 77/80, CYL#4 75/80, CYL#5 76/80, CYL #6 72/80. INSTALLED A NEW FILTER P/N AA48108-2 AND FILLED WITH 12 QTS OF AEROSHELL 15W-50. ENGINE OPS CHECK AND LEAK CHECKS GOOD. ACCOMPLISHED PROPELLER ANNUAL INSPECTION. ACCOMPLISHED AD SEARCH THRU 8/3/2016.

B45 - SMOH 397.3
PROP TT 397.3

I CERTIFY THIS ENGINE HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION AND HAS BEEN DETERMINED TO BE IN AIRWORTHY CONDITION AND IS APPROVED FOR RETURN TO SERVICE.

DATE: 19 August, 2016

SIGNED:

ANTHONY HART JR.

Certified Repair Station No. N0MR725J

Work Order: 4454-08-2016

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YEAR 20 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.)
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ENGINE MODEL:
ENGINE S/N:
REG. NO: N90GG
WORK ORDER:
4217-12-2015

North American Flight Services

Repair Station No. N0MR725J
405 Greenfield Avenue
Ballston Spa, NY 12020
Phone: 518-885-5470

DATE: 19 August, 2016

A/C TSN: 19633
ENG TT: 19633
TSMOH: 973
TACH:

Engine Entries

INSTALLED NEW LYCOMING MAGNETO MOUNTING STUDS P/N: 31C-21. INSTALLED NEW LYCOMING MAGNETO DRIVE GEAR ASSY P/N: LW-19096. INSTALLED NEW LYCOMING MAGNETO COUPLING ASSY P/N: 73000. INSTALLED NEW LYCOMING MAGNETO ADAPTER P/N: LW-12707. INSTALLED NEW SLICK MAGNETO P/N: 6350 S/N: 15091219. TIMED MAGNETO TO 20 DEGREES BTDC PER ENGINE PLACARD. OPERATIONAL CHECKS SATISFACTORY. ALL WORK PERFORMED IN REFERENCE TO LYCOMING IO-540-S1A5 OPERATOR'S MANUAL SECTION 3. REINSTALLED PROP, TORQUED TO 65 FT LBS. AND SAFETIED WITH .041" SAFETY WIRE. CHECKS SATISFACTORY FOR SECURITY. ALL WORK PERFORMED IN REFERENCE TO AC-43.13-1B STANDARD PRACTICES. REMOVED B&C SPECIALTIES STARTER P/N: BCS206-122-24, S/N: 740029. INSTALLED NEW B&C SPECIALTIES STARTER P/N: BCS206-122-24, S/N: 1A50F6W84. STARTING OPERATIONAL CHECK SATISFACTORY. DRAINED 100W OIL. FILLED ENGINE WITH 12 QUARTS OF 15W-50 ENGINE OIL. LEAK CHECKS SATISFACTORY. ADJUSTED ENGINE IDLE SPEED SCREW 1-1/2 TURNS CLOCKWISE TO OBTAIN ~1000 RPM. PERFORMED ENGINE RUN AND VERIFIED ENGINE IDLE SPEED IS ~1000 RPM WITH TRUTACH II OPTICAL TACH SYSTEM. PERFORMED ENGINE RUN AND OBSERVED 160 DROP ON L/H IGNITION AND 150 DROP ON R/H MAGNETO. MAGNETO DROPS ARE WITHIN SPECIFICATIONS FOR IO-540-S1A5 PER LYCOMING OPERATING INSTRUCTIONS SECTION 3-4.

The aircraft engine identified above was repaired and / or inspected in accordance with current regulations of the Federal Aviation Administration and the engine manufacturers maintenance manual instructions and procedures. This engine is approved for return to service with respect to the above work performed. Further details are on file at this repair station under the work order number reflected on this log entry.

DATE: 19 August, 2016

SIGNED:

ANTHONY HART JR.
Certified Repair Station No. N0MR725J

Work Order: 4217-12-2015

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YEAR

20

DATE

ENGINE MODEL:
IO-540-S1A5
ENGINE S/N: L-12944-48A
REG. NO: N117WV
WORK ORDER:
4998-09-2017



North American Flight Services

Repair Station No. N0MR725J
405 Greenfield Avenue
Ballston Spa, NY 12020
Phone: 518-885-5470

DATE: 01 November, 2017
A/C TSN: 2013.9
ENG TT: 2009.6
TSMOH: 447.9
TACH: 2009.6

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Engine Entries

ACCOMPLISHED ENGINE ANNUAL INSPECTION.

DRAINED OIL. REMOVED OIL FILTER AND CUT OPEN, NO DEBRIS NOTED. CLEANED SUCTION SCREEN, NO DEBRIS NOTED. INSTALLED A NEW FILTER P/N CH48108-1 AND FILLED WITH 10 QTS OF AEROSHELL 15W-50 OIL. CLEANED AND GAPPED CHAMPION PLUGS. INSTALLED 6 NEW DPR8Z PLUGS FOR ELECTRONIC IGNITION SIDE. COMPRESSIONS ARE CYL#1 78/80, CYL#2 72/80, CYL #3 78/80 CYL#4 75/80, CYL#5 78/80, CYL#5 72/80. ENGINE OPS CHECK AND LEAK CHECKS GOOD.

ACCOMPLISHED PROPELLER ANNUAL INSPECTION.

ACCOMPLISHED AD SEARCH THRU 10/28/2017

REMOVED AND REPLACED CHAFED OIL RETURN LINE.

AD2017-16-11/ LYCOMING MANDATORY SB 632B NOT APPLICABLE BY SERIAL NUMBER LISTED AND PART NUMBER LISTED IN SB632B. NO FURTHER ACTION NECESSARY.

ACCOMPLISHED AD2015-09-07 FUEL LINE INSPECTION. NEXT DUE 12 MONTHS OR

I CERTIFY THIS ENGINE HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION AND HAS BEEN DETERMINED TO BE IN AIRWORTHY CONDITION AND IS APPROVED FOR RETURN TO SERVICE.

DATE: 01 November, 2017

SIGNED:

Brian Strange
Certified Repair Station No. N0MR725J

Work Order: 4998-09-2017

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ENGINE MODEL:
IO-540-S1A5
ENGINE S/N: L-12944-48A
REG. NO: N117WV
WORK ORDER:
5476-01-2019



North American Flight Services

Repair Station No. N0MR725J
405 Greenfield Avenue
Ballston Spa, NY 12020
Phone: 518-885-5470

DATE: 14 March, 2019
A/C TSN: 2018.1
ENG TT: 2018.1
TSMOH: 456.4
HOBBS: 2023

Engine Entries

PERFORMED ENGINE ANNUAL INSP IAW GLASAIR III OPERATORS MANUAL ANNUAL INSP CHECKLIST AND FAR 43 APPENDIX D. DRAINED ENG OIL, REMOVED AND CUT OIL FILTER. NO UNUSUAL DEBRIS NOTED. REPLACED FILTER W/NEW CH48108-1. FILLED OIL WITH 10 QTS OF AEROSHELL 15W-50. REPLACED TOP SPARK PLUGS W/NEW DPR8Z AND, SERVICED AND INSP BOTTOM PLUGS. COMPRESSIONS ARE 1) 77/80, 2) 72/80, 3) 77/80, 4) 76/80, 5) 76/80, 6) 74/80. OPS CHECK GOOD. LEAK CHECK GOOD.

PERFORMED PROP ANNUAL INSP IAW GLASAIR III OWNERS MANUAL ANNUAL INSP CHECKLIST AND FAR 43 APPENDIX D.

REVIEWED APPLICABLE SERVICE BULLETINS AND AD'S THRU 2/2019.

REMOVED ENGINE DRIVEN FUEL PUMP P/N 201F-5003 S/N IAN051FP. INSTALLED NEW ENG DRIVEN FUEL PUMP P/N 201F-5003 S/N H-VIN052FP. OPS CHECK GOOD. LEAK CHECK GOOD.

ACCOMPLISHED AD2015-19-07 FUEL LINE INSPECTION. NEXT DUE WITHIN 110 HRS OR IF ANY AFFECTED MAINTENANCE IS DONE.

I CERTIFY THIS ENGINE HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION AND HAS BEEN DETERMINED TO BE IN AIRWORTHY CONDITION AND IS APPROVED FOR RETURN TO SERVICE.

DATE: 14 March, 2019

SIGNED:

Brian Strange
Certified Repair Station No. N0MR725J

Work Order: 5476-01-2019

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and Alterations

ificate Number of
r specific entries.)