

**ASSC**  
Aviation Specialty Services Corp.

06-11-2015 N6709Y Beechcraft 76 Dutchess S/N: ME-307 ACTT: 9,433.88 H.M: 5,731.3  
Q/H 4,603.11 11/25/253

**AIRFRAME:**  
Researched Type Certificate Data Sheet A29CE. Checked for required placards and ARROWE documents. ELT inspected IAW FAR 91.207(d), Replaced battery P/n: BP1026, battery next due replacement 08/2017. FAR 91.411 & 91.413 next due 02-2016. AD's researched through FAA Issue 2015-12. AD 97-06-10 "A" frame IAW SB 2361 (left side only), next due ACTT 9,534. Clean and reseal both fuel gascolator bowls o-rings P/n: M83248/1-043. Replaced both induction air filter elements with new P/n: BA7005. Clean and repack all wheel bearings. Serviced tire pressures, charged batteries, service brake and hydraulic reservoirs with MIL-H-5606 fluid. Performed landing gear retraction, extension and emergency extension tests O.K. Lubricated IAW lubrication chart. Treated entire airframe with ACF-50 corrosion inhibitor as necessary. Secure magnetic compass internal light wires with double sided tape. Replaced burned out left landing light lamp with new P/n: GE4594. Replaced burned out left taxi light lamp with new P/n: GE4596. Replaced both corroded and eroded COMM antennas with new P/n: AV10. Installed with new hardware and sealed bases. Replaced both fuel cap o-rings with new P/n: MS29513-338. Tightened loose (8 total) horizontal stab to vertical stab mounting bolts. Replaced 2 broken nutplates on bottom of right wing I/B L/E panel. Vertical stab aft fairing damaged. Fabricated and installed 2 doubler patches and new nutplates. Primed and painted repairs. Installed. Clean, treat, prime and paint several large spots of surface corrosion around tail section.

CONTINUED

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I certify this Aircraft has been inspected in accordance with a 100 Hour/ANNUAL INSPECTION within the scope & detail of Part 3 App D and was determined to be in AIRWORTHY CONDITION.

Ameer F Mohamed

Photo 1 –Aircraft last 100 hr Inspection



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**02-24-16 N6709Y Beechcraft 76 Dutchess S/N: ME-307 ACTT: 9,601.8 H.M: 5,965.2**

## **AIRFRAME:**

Researched Type Certificate Data Sheet # A29CE. Checked for required placards and ARROWE documents. ELT inspected IAW FAR 91.207(d), Battery next due replacement 08/2017. FAR 91.411 & 91.413 next due 02/2018. Weighed fire extinguisher. AD's researched through FAA Issue 2016-04. Complied with: AD 97-06-10, "A" frame assy IAW SB 2361, next due ACTT: 9,701. Clean and reseal both fuel gascolators, resealed with new o-ring P/n: MS29513-043. Replaced both induction air filter elements with new BA7005. Clean and repack all wheel bearings. Performed landing gear retraction and extension and emergency extension tests. Lubricated aircraft IAW lubrication chart. Serviced tire pressures, battery, brake reservoir and hydraulic reservoirs. Customer squawked that right alternator INOP. After uncowling found alternator body loose and power at field terminal. Replaced alternator with OH'ed unit P/n: ALU-8521R S/n: H-P120989. Alternator OH'ed by Hartzell Engine Technologies (CRS#: 1HZR769B) under WO#: M712770 dated 12/14/2015. Ground run and found ammeter not registering. Swapped voltage regulators and hooked up multimeter to aircraft buss. Ground run and ops tested O.K. Set output voltages on both left and right voltage regulators. Left landing light lamp inop. Replaced lamp P/n: GE-4594. Ops tested O.K. Tail nav light inop. Replaced lamp P/n: GE307. Ops tested O.K. Replaced both fuel cap o-rings with new P/n: MS29513-338. I certify this AIRFRAME has been inspected in accordance with a 100 HOUR INSPECTION/ANNUAL within the scope & detail of Beechcraft Approved Dutchess 76 Insp Guide P/n: 105-590000-11B dated 12/15/78 and was determined to be in AIRWORTHY CONDITION and is APPROVED FOR RETURN TO SERVICE.

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**Aviation Specialty Services Corp.**

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**12-18-2015 N6709Y Beechcraft 76 Dutchess S/N: ME-307**

**Photo 2 - Aircraft last Annual Inspection**



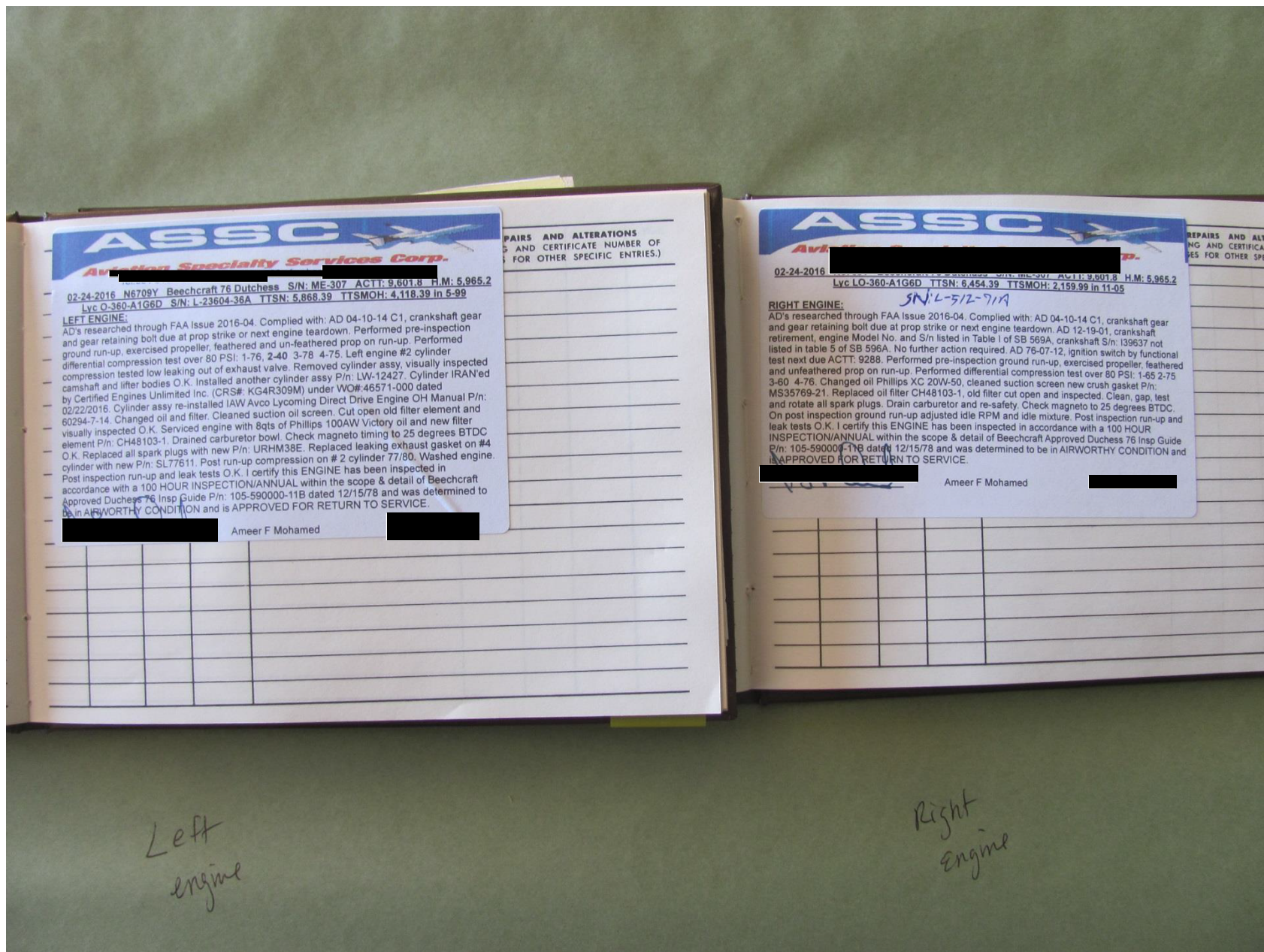


Photo 3 - Engine Logbooks Last Annual Inspection



| A/C<br>Hrs |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  |
|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|
|            | <b>02-24-2016</b> N6709Y Beechcraft 76 Dutchess S/N: ME-307 ACTT: 9,601.8 H.M: 5,965.2<br>HC-M2YR-2CEVF S/N: FRB1295B TTSN: 2,687.9 In 8-2002                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |
|            | <b>LEFT PROPELLER:</b><br>AD's researched through FAA Issue 2016-04. Serviced prop dome to 22psi and un-feathering accumulator to 75psi with nitrogen. Lubricated hub with AeroShell 6 grease. Removed propeller and de-sludged crankshaft and propeller dome. Cleaned flywheel and crankshaft flange. Re-installed propeller with new o-rings P/n: C3317-228. Re-installed propeller, torqued and safited. Propeller removed and re-installed IAW Hartzell Owner's Manual Rev. 21 dated 03/2015. Post inspection ground run-up no leaks. I certify this PROPELLER has been inspected in accordance with a 100 HOUR INSPECTION/ANNUAL within the scope & detail of Beechcraft Approved Dutchess Insp Guide P/n: 105-590000-11B dated 12/15/78 and was determined to be in AIRWORTHY CONDITION and is APPROVED FOR RETURN TO SERVICE. |  |  |  |
|            | Ameer F Mohamed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |  |

| Date | Propeller<br>TSN TSO                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | A/C<br>Hrs | Description of all operations pertaining to Airworthiness<br>Service Documents. Overhaul. Major or Minor Repair, and |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|----------------------------------------------------------------------------------------------------------------------|
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |            |                                                                                                                      |
|      | <b>02-24-2016</b> N6709Y Beechcraft 76 Dutchess S/N: ME-307 ACTT: 9,601.8 H.M: 5,965.2<br>HC-M2YR-2CLEUF S/N: FB1235B TTSN: 2,688.9 TTSMOH: 2,131.0 In 01-05                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |            |                                                                                                                      |
|      | <b>RIGHT PROPELLER:</b><br>AD's researched through FAA Issue 2016-04. Serviced prop dome to 22psi and un-feathering accumulator to 75psi with nitrogen. Lubricated hub with AeroShell 6 grease. Removed propeller and de-sludged crankshaft and propeller dome. Cleaned flywheel and crankshaft flange. Re-installed propeller with new o-rings P/n: C3317-228. Re-installed propeller, torqued and safited. Propeller removed and re-installed IAW Hartzell Owner's Manual Rev. 21 dated 03/2015. Post inspection ground run-up no leaks. I certify this PROPELLER has been inspected in accordance with a 100 HOUR INSPECTION/ANNUAL within the scope & detail of Beechcraft Approved Dutchess Insp Guide P/n: 105-590000-11B dated 12/15/78 and was determined to be in AIRWORTHY CONDITION and is APPROVED FOR RETURN TO SERVICE. |            |                                                                                                                      |
|      | Ameer F Mohamed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |            |                                                                                                                      |

Photo 4 - Propeller logbooks Last Annual Inspection