

Wolfe Aviation

February 12, 2001

Richard G. Mann
Work Order 5013

Parts

1 Ea 35985 Gasket, Carb.	1.75
1 Ea MS28778-5 O-ring	.14
1 Ea AN916-17D Reducer	26.34
2 Ea 643967 Nut, Lock @ 4.77	9.54
2 Ea MS28775-224 O-ring @ 1.04	2.08
4 Ea AN525-832R6 Screw @ .25	1.00
24 Ea AN525-10R7 Screw @ .28	6.72
1 Ea 061-01900 Brake Cylinder	148.00
1 Ea 164-02601 Brake Disc	114.00
2 Ea MS21045-4 Nut, Lock @ .55	1.10
4 Ea 105-00200 Rivet @ .24	.96
2 Ea 066-10500 Lining, Brake @ 11.80	23.60
2 Ea 08231 Race @ 6.37	12.74
2 Ea 08125 Bearing @ 13.03	26.06
1 Ea A-35 Battery @ 186.43	139.83
1 Ea S2550-2 Tach Cable	52.26
1 Ea MS21045-5 Nut, Lock	1.23
1 Ea 36160 Terminal	.31
1 Ea 35112 Terminal	.37
6" MS22759/16/12 Wire	.50
1 Ea MS20392-2C37 Pin, Clevis	.65
1 Ea AN3-6 Bolt	1.01
12 Qt Aeroshell W100 Oil	42.00
CA Recycle Tax	.60
1 Ea CH48110 Oil Filter	20.54
1 Ea MS28775-217 O-ring	.52
1 Ea MS28775-027 O-ring	.46
1 Ea 600-015-10 Seal	.78
2 Ea MS28775-112 O-ring @ .58	1.16
2.2 Ft Scat10 Tubing @ 9.48	20.86
2.2 Ft Scat12 Tubing @ 9.13	20.09
3 Ft MIL-H-8794-4 Hose @ 5.96/Ft	17.88
2.5 Ft MIL-H-8794-8 Hose @ 7.67/Ft	19.18
1 Ea A-790 Control Mixture Vernier	61.49
Freight	4.16

Total Parts \$779.91

WOLFE AVIATION
2050 E. Sikorsky, Hgr. #7
Stockton, CA 95206

MAINTENANCE DISCREPANCY WORK RECORD – W.O. 5013

Cessna 182L N42279 SN 18258940 Tach 2484.9

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| 1. Carburetor runs very rich, and engine runs rough. Replace with factory-furnished carburetor. | Removed induction, mixture cable & throttle cable. Installed new carburetor PN 10-4893-1, SN 75109212, gasket PN 35985, & reducer fitting PN AN916-17D. |
| 2. Starter turns engine very slow during start-up. | Replaced aircraft battery with new PN A-35. |
| 3. Tach inop. | Found tach cable broken. Replaced tach cable with new PN S2550-2. |
| 4. Carburetor heat Scat tubing fire damaged. | Replaced with new #10 Scat tubing. |
| 5. Mixture cable too short. | Replaced cable with new PN 05-08148. |
| 6. External power plug inop. | Installed jumper from external power plug to contactor. Ops check okay. |
| 7. Oil pressure line hardened. | Removed old hose & AN fittings, made new hose assembly, using original fittings. Installed new hose in aircraft. |
| 8. Left induction primer line cracked at solder joint at induction elbow fitting. | Had primer line re-brazed & installed on aircraft. Leak check okay. |
| 9. Engine CHT wire, fire damaged. | CHT probe ops check okay. |
| 10. Engine CHT probe insulator broken. | CHT probe ops check okay. |
| 11. Lower outboard inner cylinder baffle incorrectly positioned between #2 & #4 cylinders. | Loosened & re-positioned baffling, tightened fasteners. |
| 12. Lower screw missing on left side, rear baffling. | Replaced screw. |

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| 13. Two exhaust nuts missing on #1 cylinder exhaust stack. | Installed 2 new lock nuts PN SA643967 & torqued to manufacturer's specifications. |
| 14. Right side induction primer line disconnected at induction elbow fitting. | Checked fitting, appeared to be okay. Re-installed primer line. |
| 15. Cabin heat Scat tubing chafing on oil pan, right side. | Re-routed Scat tubing to prevent chafing, replaced with new #12 Scat tubing due to heat damage. |
| 16. Fuel line from gascolator to sump tank hardened. | Removed old fuel line, removed AN fittings and installed on new hose. Installed on aircraft. |
| 17. Battery cable chafing on right side firewall diagonal brake. | Applied anti-chafing compound to battery cables. |
| 18. Gascolator mounting screws, safety wire broken. | Safetied gascolator mounting bolts. |
| 19. Two rivets missing on right side firewall cowl fastener receptacle strip, below cabin heat difuser box. | Installed 2 rivets, PN AN426 4-3AD. |
| 20. Left MLG brake linings worn. | Replaced brake linings with new PN 66-105 & rivets PN 105-00200. |
| 21. Left MLG brake disc scored & rippled. | Removed & replaced brake disc with new PN 164-02601. |
| 22. Fuel line from selector valve to firewall chafed by co-pilot rudder pedal, inboard. | Removed line & fabricated new hose, using original fittings. |
| 23. Cabin sub-floor very dirty. | Vacuumed sub-floor. |
| 24. Chain guard on steering bungee not installed properly. | Re-installed chain guard. |

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| 25. Cabin floor torn at center pedestal right hand side, first rivet on vertical flange. | Repaired by Barker's Sheetmetal Express. |
| 26. Rudder pulley broken, not attached to floor, just aft of fuel selector. | Repaired by Barker's Sheetmetal Express. |
| 27. Fwd floor repair from wing strut attaching bulkhead to rudder pedals has several holes not drilled, bent rivets & missing rivets. | Repaired by Barker's Sheetmetal Express. |
| 28. Non-structural screws in co-pilot's inboard seat rail, forward and aft holes. | Repaired by Barker's Sheetmetal Express. |
| 29. Co-pilot's inboard seat rail is not attached to floor structure on out-board rivet row start at seatbelt attach, going aft to gear box. | Repaired by Barker's Sheetmetal Express. |
| 30. Left brake caliper leaking. | Left brake caliper replaced with new PN 061-01900. Bled brake system, ops check okay. |
| 31. ELT mounting bracket attached with non-structural screws. | Removed non-structural screws & replaced with 4 Ea AN525-832R6. |
| 32. Debris in tail cone. | Cleaned out debris in tail cone. |
| 33. Elevator trim tab has excessive play. | Replaced attach bolt with new PN AN3-6. Play within tolerance. |
| 34. Check aileron rigging. | Re-rigged aileron control system IAW Cessna Service Manual. |
| 35. Check left wing fuel vent rigging. | Re-rigged fuel vent IAW Cessna Service Manual. |

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| 36. Left wing non-structural screws installed in aileron hinges. | Replaced hardware with new screws, PN AN525-10R7. |
| 37. Left wing nose rib collapsed, just inboard of end rib at wing tip. | Repositioned nose rib, left wing. |
| 38. Right wing non-structural screws installed in aileron hinges. | Replaced hardware with new screws, PN AN525-10R7. |
| 39. Right wing aft nipple on fuel bladder weeping. | Tightened hose clamp. |
| 40. Nose wheel races & bearings pitted. | Replaced both races, PN 08231, & both bearings, PN 08125. |
| 41. Right rear fuel line chafing on door post at bottom of window. | Installed anti-chafe material around fuel line. |
| 42. Left rear fuel line chafing on door post at bottom of window. | Installed anti-chafe material around fuel line. |
| 43. Drain plug in fuel selector not safetied. | Safetied fuel selector drain plug. |
| 44. Left lower attach bolt on belly for nose gear support casting working. | Tightened bolt. |
| 45. C/W AD 83-13-01, placard – improper fuel cap sealing. | C/W as per Para (a)(b). Para (b) due every 12 calendar months. |
| 46. C/W AD 87-20-03R2, seat tracks. | C/W by inspection. |
| 47. C/W AD 96-12-22, oil filter adapter. | C/W by torque check & application of torque putty. |
| 48. CW AD 76-07-12, ignition switch. | C/W by testing. Due again at Tach 2584.9. |
| 49. Spinner loose on prop dome. | Installed one spinner spacer & installed spinner. |

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| 50. Aft shimmy dampener attach pin worn. | Installed new pin PN MS20392-2C37, & safetied in place. |
| 51. Shimmy dampener leaking; re-seal. | Removed shimmy dampener, disassembled, installed new seals, re-assembled. Filled with new fluid, installed & safetied into place. |