

(L)

 **TELEDYNE CONTINENTAL**



# **Gold Medallion Aircraft Engine**

# **REBUILT ENGINE LOG**

N3WJ (LEFT)

AIRCRAFT N NUMBER

I0970L21

ENGINE MODEL NUMBER

245084-R

ENGINE SERIAL NUMBER

Left

This engine model T10470L21, serial No. 245084-R,  
has been rebuilt by Teledyne Continental Motors. All applicable  
Federal Aviation Administration regulations and mandatory Teledyne  
Continental bulletins have been complied with. This log book shall  
indicate zero hours.

By Walter Fogue

Date 10-19-84

 **TELEDYNE CONTINENTAL MOTORS**  
Aircraft Products Division

# ENGINE DESCRIPTION

DATE 5 NOV. 84 MODEL I 0470 L 21 SERIAL NO. 245 084-R  
RATED H.P. 260 - TAKE OFF MAXIMUM H.P. 260 - CONTINUOUS.  
RATED R.P.M. 2625 MAX T.O. MAXIMUM R.P.M. 2625 - CONTINUOUS. OIL PRESSURE MIN: 10 PSI MAX: 60 PSI  
BORE 5" STROKE 4" DISPLACEMENT 471 CU. IN.  
COMPRESSION RATIO 8:1 GEAR RATIO \_\_\_\_\_

PROPELLER HARTZELL HUB DESIGN BHC-C2YF-2CHUF HUB SERIAL NO. AN2076  
BLADE DESIGN \_\_\_\_\_ BLADE SERIAL NO. #1 FC8465-6<sup>SN</sup> D61886 BLADE SERIAL NO. #2 D61931  
MAXIMUM HUB H.P. \_\_\_\_\_ MAXIMUM BLADE H.P. \_\_\_\_\_  
PITCH \_\_\_\_\_ DIAMETER \_\_\_\_\_ LENGTH \_\_\_\_\_

OWNERS NAME \_\_\_\_\_  
ADDRESS \_\_\_\_\_ CITY \_\_\_\_\_ STATE \_\_\_\_\_

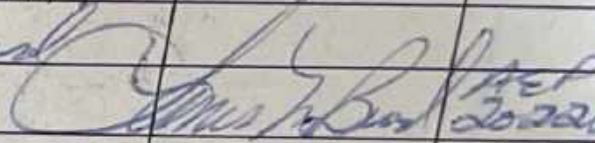
# ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
5-NOV 84	HOBBS:		22	04	0	INSTALLED IO470421 ENG ON BARRON N3WJ THIS DATE. INSTALLED					O/HAULED PROPELLER SN. AN2076, AD7712-06 C/W. BY FAA REPAIR STATION COT-18. PROP GOV SN. 1431593 & INSTALLED. ENG GROUND RUN, PERFORMANCE GOOD. <i>[Signature]</i> IA 1898887 and		
BROUGHT FORWARD													
TOTALS													

# ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER		
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.					
											Hobbs 2258.6 Changed oil + Cleaned screen, Refill w/ 65W Aeroshell oil, Run up OK - No Leaks				
<b>"MAINTENANCE RELEASE"</b>															
The A/C and/or component identified above was re- paired and inspected in accordance with current Fed- eral Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under work order No. 5445												The A/C and/or component identified above was re- paired and inspected in accordance with current Fed- eral Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under work order No. 5499			
Date 11-20-84 Signed <i>Lyle G. Wyse</i> for Commercial Aviation Maintenance Division PO Box 8, Lake Milton, Ohio 44429 Cert. Repair Station C 65-14												Date 12-21-84 Signed <i>Lyle G. Wyse</i> for Commercial Aviation Maintenance Division PO Box 8, Lake Milton, Ohio 44429 Cert. Repair Station C 65-14			
BROUGHT FORWARD															
TOTALS															

# ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENS. NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
12-30-81									2270	80	Removed Right Exhaust Stack (exit) and installed Rebuilt Magneto stack Part # 96-950002-59R S/N WCC-0-4-2711 Run up and ground checked OK		
-----													
BROUGHT FORWARD													
TOTALS													

**WALL COLMONOY CORPORATION**

4700 S.E. 59th ST. — OKLAHOMA CITY, OKLA.

**SERVICEABLE PART TAG**

P.O. NO. \_\_\_\_\_

SER. NO. WCC-0-4-2711

MODEL \_\_\_\_\_

PART NO. 96-95002-59R

PART NAME Ex Stack

REMARKS IAPWPS257A

DATE NOV 08 1984

INSPECTOR \_\_\_\_\_

DATE	R.P.M.		TIME ON GROUND			Hrs.
	Ground	Air	Hrs.	Min.	Total	
12-30-84						
BROUGHT FORWARD						
TOTALS						

# ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
3/6/85											Performed a 100 hrs inspection I/A/W Beech Maint Manual, Performed compression check, changed oil + checked oil screen, cleaned + gap'd all spark plugs checked air filters serviced + inspected prop and spinner Degreased and ground run good. I certify this Eng has been inspected I/A/W a 100 hrs inspection and is approved for return to service  Robert H. Moore APP 229 864024		
	Hobbs 2320.1												
3/6/85	2320.1										I CERTIFY THIS ENG/PROP HAS BEEN INSP I/A/W AN ANNUAL INSP. & IS APPROVED FOR RETURN TO SERVICE Joseph M. Stewart APP 21513491A		
	2871.9												
	144.1												
BROUGHT FORWARD													
TOTALS													







# ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
<p><del>I certify that this Engine serial # <u>245084R</u> has been inspected for a <u>Prog #1</u> inspection in accordance with current Federal Aviation Regulations and manufacturer's specifications and manuals and was found airworthy for return to service. Tag or hour meter time <u>2629.1</u> total time <u>425.1</u>.</del></p> <p><del>Oil changed, brand <u>AeroShell</u> weight <u>100W</u> Det. <input checked="" type="checkbox"/> Non-Det. <input type="checkbox"/></del></p> <p><del>Filter replaced, screens cleaned. Differential compression taken No. 1 cyl. <u>67/80</u> No. 2 cyl. <u>68/80</u> No. 3 cyl. <u>72/80</u> No. 4 cyl. <u>73/80</u> No. 5 cyl. <u>67/80</u> No. 6 cyl. <u>69/80</u>. Engine operation preflight completed.</del></p> <p style="text-align: center;"><del>"MAINTENANCE RELEASE"</del></p> <p><del>The A/C and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under work order No. <u>5844</u> Date <u>8-9-85</u> Signed <u>Dylea. Wyse</u></del></p>													
<p><del>has been inspected for a <u>Prog #2</u> inspection in accordance with current Federal Aviation Regulations and manufacturer's specifications and manuals and was found airworthy for return to service. Tag or hour meter time <u>2674.1</u> total time <u>470.1</u>.</del></p> <p><del>Oil changed, brand <u>Aeroshell</u> weight <u>100W</u> Det. <input checked="" type="checkbox"/> Non-Det. <input type="checkbox"/></del></p> <p><del>Filter replaced, screens cleaned. Differential compression taken No. 1 cyl. <u>74/80</u> No. 2 cyl. <u>68/80</u> No. 3 cyl. <u>72/80</u> No. 4 cyl. <u>71/80</u> No. 5 cyl. <u>74/80</u> No. 6 cyl. <u>68/80</u>. Engine operation preflight completed.</del></p> <p style="text-align: center;"><del>"MAINTENANCE RELEASE"</del></p> <p><del>The A/C and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under work order No. <u>5865</u> Date <u>8-23-85</u> Signed <u>Dylea. Wyse</u></del></p>													
<p style="text-align: center;">BROUGHT FORWARD by <u>Commercial Aviation Maintenance Division</u>                  PO Box 8, Lake Milton, Ohio 44429                  Cert. Repair Station C 65-14</p>													

Next Insp Due 2669.1

Next Insp. Due 2719.1

# ENGINE LOG

DATE	R.P.M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Hrs.	Min.	Hrs.	Min.			
<p>I certify this engine has been inspected for a <u>100 hr</u> inspection in accordance with current Federal Aviation Regulations and manufacturer's specifications and manuals and was found airworthy for return to service. Tach or hour meter time <u>2729.1</u> total time <u>525.1</u></p> <p>Oil changed, brand <u>AeroShell</u> weight <u>80W</u></p> <p>Filter replaced, screens cleaned. Differential compression taken No. 1 cyl. <u>72/80</u> No. 2 cyl. <u>67/80</u> No. 3 cyl. <u>72/80</u> No. 4 cyl. <u>66/80</u> No. 5 cyl. <u>75/80</u> No. 6 cyl. <u>68/80</u>. Engine operation preflight completed.</p> <p>Installed New SPARK Plugs <u>RHB 32E</u></p> <p style="text-align: center;"><b>"MAINTENANCE RELEASE"</b></p> <p>The A/C and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under work order No. <u>5900</u></p> <p>Date <u>9-18-85</u> Signed <u>Steve A. Wyse</u></p>											
<p>BROUGHT FORWARD BY <u>Steve A. Wyse</u> Federal Aviation Maintenance Division                  Box 8, Lake Milton, Ohio 44129                  Cert. Repair Station C 65-14</p>											
<p><b>TOTALS</b></p>											

# ENGINE LOG

DATE	R.F.	TIME ON	TIME IN AIR			TOTAL TIME	REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER	
	Ground	Air	HR.	Min.	Total	Hrs.				
		12/16/85					Engine disassembled, cleaned and inspected for sudden stoppage damage. Engine reassembled with new parts as required. For pertinent details Reference Work Order <u>AA-17</u> this agency. Engine block test ran and determined Airworthy.			
		IO-470-L (21)								
		S/N 245084-R								
		Hour Meter 2757.8								
		553.8 SFRM								
		<p>Inspected Magnetos S/N B005773 And S/N B005356 per A.D. 78-09-07 R2 (see tags attached) <u>DUE AGAIN AT HOUR METER READING 3257.8</u> END.</p>								
		<div style="border: 2px solid green; padding: 10px; margin: 10px auto; width: 80%;"> <p><i>Clydesdale Aircraft Corp.</i>            3850 E. 5th AVE.            COLUMBUS, OHIO            Approved Repair Station No. 2723</p> <p style="font-size: 2em; color: green; text-align: center;"><i>Gene L. Sprang</i></p> <p>GENE L. SPRANG AUTH. SIG.</p> </div>								
		BROUGHT FORWARD								
		TOTAL								

# ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
<p>I certify that this <u>Engine</u> serial # <u>245084-R</u> has been inspected for a <u>Prognosis</u> inspection in accordance with current Federal Aviation Regulations and manufacturer's specifications and manuals and was found airworthy for return to service. Tag or hour meter time <u>2790.4</u> total time <u>586.4 smcH</u> Oil changed, brand <u>Aeroshell</u> weight <u>65W</u> Det. <input checked="" type="checkbox"/> Non-Det. <input type="checkbox"/> Filter replaced, screens cleaned. Differential compression taken No. 1 cyl. <u>75/80</u> No. 2 cyl. <u>72/80</u> No. 3 cyl. <u>73/80</u> No. 4 cyl. <u>71/80</u> No. 5 cyl. <u>72/80</u> No. 6 cyl. <u>67/80</u> Engine operation preflight completed.</p>													
<p style="text-align: center;"><b>"MAINTENANCE RELEASE"</b></p> <p>The A/C and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Full details of the repair are on file at this agency under work order No. <u>6094</u> Date <u>1-29-86</u></p> <p>Signed <u>Lyle A. Wyse</u> IA 269465046 ATP</p>													
<p style="text-align: center;"><b>"MAINTENANCE RELEASE"</b></p> <p>The A/C and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Full details of the repair are on file at this agency under work order No. <u>6178</u> Date <u>4-3-86</u></p> <p>Signed <u>Lyle A. Wyse</u></p>													
<p style="text-align: center;">BROUGHT FORWARD</p> <p style="text-align: center;">TOTALS:</p>													

Next Insp. Due 2819.1

Federal Aviation Maintenance Division  
 P.O. Box 8, Lake Milton, Ohio 44429  
 Cert. Repair Station C 65-14

# ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
<p>I certify that this <u>Engine</u> serial # <u>245084-R</u> has been inspected for a <u>Prog #1</u> inspection in accordance with current Federal Aviation Regulations and manufacturer's specifications and manuals and was found airworthy for return to service. Tach or hour meter time <u>2907.0</u> total time <u>703.0 smcH</u></p>													
<p>Changed oil &amp; cleaned Filters, Refill w 80 w Aero Shell oil.</p>													
<p><b>"MAINTENANCE RELEASE"</b></p>													
<p>The A/C and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under work order No. <u>6252</u> Date <u>4-29-86</u></p>													
<p>Signed <u>Lyle A. Wyse</u> for Commercial Aviation Maintenance Division P.O. Box 8, Lake Milton, Ohio 44429 Cert. Repair Station C 65-14</p>													
<p><b>"MAINTENANCE RELEASE"</b></p>													
<p>The A/C and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under work order No. <u>6285</u> Date <u>5-12-86</u></p>													
<p>Signed <u>Lyle A. Wyse</u> for Commercial Aviation Maintenance Division P.O. Box 8, Lake Milton, Ohio 44429 Cert. Repair Station C 65-14</p>													
BROUGHT FORWARD													
TOTALS													

# ENGINE LOG

DATE	R.P.M. that this engine has been Grounded	TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS AND ADJUSTMENTS	serial #	SIGNATURE	LICENSE NUMBER
		Hrs.	Min.	Hrs.	Min.	Hrs.	Min.				
	Engine			245084R				PROG #3			
I certify that this engine has been inspected for accordance with current Federal Aviation Regulations and manufacturer's specifications and manuals and was found airworthy for return to service. Tag or hour meter time _____ total time _____ smooth											
Oil changed, brand <u>Aeroshell</u> weight <u>100</u>											
Det. <input checked="" type="checkbox"/> Non-Det. <input type="checkbox"/>											
Filter replaced, screens cleaned. Differential compression taken No. 1 cyl. - /80 No. 2 cyl. <u>70</u> /80 No. 3 cyl. <u>76</u> /80 No. 4 cyl. <u>62</u> /80 No. 5 cyl. <u>72</u> /80 No. 6 cyl. _____											
1/80. Engine operation preflight completed. Cyls #1 & #6 Removed. Exhaust guides Replaced + Seated Valves by clydes date on work # 55241-1. Intake Valve Guides Replaced, Installed cyl's w/ New Rings.											
<b>"MAINTENANCE RELEASE"</b>											
The A/C and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under work order											
No. <u>6307</u> Date <u>5-28-86</u>											
Signed <u>Lyle A. Wyse</u>											
for Commercial Aviation Maintenance Division BROUGHT FORWARD Lake Milton, Ohio 44429 Cert. Repair Station C 65-14											
TOTALS											

"MAINTENANCE RELEASE"

The A/C and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under work order

work # 6356      6-18-86  
Lyle A. Wyse  
 Aviation Maintenance Division  
 P.O. Box 2, Lake Milton, Ohio 44429  
 Cert. Repair Station C 65-14



# ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER					
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.								
<del>I certify that this</del>	<del>Engine</del>	<del>serial #</del>	<del>2</del>	<del>45</del>	<del>08</del>	<del>4</del>	<del>2</del>	<del>45</del>	<del>08</del>	<del>4</del>	<del>I certify that this</del>	<del>Engine</del>	<del>serial #</del>					
<del>has been inspected for a</del>	<del>Prog #4</del>	<del>Inspection in</del>	<del>accordance with current Federal Aviation Regulations</del>			<del>and manufacturer's specifications and manuals and was</del>			<del>found airworthy for return to service. Tac or hour meter</del>		<del>time</del>	<del>3061.0</del>	<del>total time</del>	<del>857.0 Tsmolt</del>				
<del>Oil changed, brand</del>	<del>AeroShell</del>	<del>weight</del>	<del>100 W</del>			<del>Det.</del>		<del>Non-Det.</del>		<del>Filter replaced, screens cleaned.</del>	<del>Differential</del>	<del>74/80</del>	<del>No. 1 cyl. 74/80</del>	<del>No. 2 cyl. 75/80</del>	<del>No. 3 cyl. 74/80</del>	<del>No. 4 cyl. 72/80</del>	<del>No. 5 cyl. 70/80</del>	<del>No. 6 cyl. 65/80</del>
<b>"MAINTENANCE RELEASE"</b>																		
The A/C and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under work order																		
No. <u>6516</u> Date <u>9-9-86</u>																		
Signed <u>Lyle A. Wyse</u> for Commercial Aviation Maintenance Division P.O. Box 8, Lake Milton, Ohio 44429 Cert. Repair Station C 65-14																		
<b>"MAINTENANCE RELEASE"</b>																		
The A/C and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under work order																		
No. <u>6444</u> Date <u>7-30-86</u>																		
Signed <u>Lyle A. Wyse</u> for Commercial Aviation Maintenance Division P.O. Box 8, Lake Milton, Ohio 44429 Cert. Repair Station C 65-14																		
BROUGHT FORWARD TOTALS																		

# ENGINE LOG

DATE	R.P.M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Min.	Total	Min.	Total	Hrs.	Min.			
I certify that this <u>Engine</u>									I certify that this <u>Engine</u>	serial # <u>24508</u>	<u>24508</u>
has been inspected for a <u>Prog #2</u> inspection in accordance with current Federal Aviation Regulations and manufacturer's specifications and manuals and was found airworthy for return to service. Tach or hour meter time <u>3177.6</u>									has been inspected for a <u>Prog #3</u> inspection in accordance with current Federal Aviation Regulations and manufacturer's specifications and manuals and was found airworthy for return to service. Tach or hour meter time <u>3205.2</u>		
Oil changed, brand <u>Aeroshell</u> weight <u>80W</u>									Oil changed, brand <u>Aeroshell</u> weight <u>80W</u>		
Det. <input checked="" type="checkbox"/> Non-Det. <input type="checkbox"/>									Det. <input checked="" type="checkbox"/> Non-Det. <input type="checkbox"/>		
Filter replaced, screens cleaned. Differential compression 1. <u>79</u> /80 No. 2 cyl. <u>68</u> /80 No. 3 cyl. <u>73</u> /80 No. 4 cyl. <u>65</u> /80 No. 5 cyl. <u>70</u> /80 No. 6 cyl.									Filter replaced, screens cleaned. Differential compression 1. <u>79</u> /80 No. 2 cyl. <u>68</u> /80 No. 3 cyl. <u>73</u> /80 No. 4 cyl. <u>65</u> /80 No. 5 cyl. <u>70</u> /80 No. 6 cyl.		
<u>60</u> /80. Engine operation preflight completed.									<u>60</u> /80. Engine operation preflight completed.		
<b>"MAINTENANCE RELEASE"</b>											
The A/C and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency.											
No. <u>6664</u> Date <u>10-24-84</u>											
Signed <u>Dyle A. Wyse</u>											
for Commercial Aviation Maintenance Division											
P.O. Box 8, Lake Milton, Ohio 44429											
BROUGHT FORWARD <u>Cert. Repair Station C 65-14</u>											
TOTALS											
<b>"MAINTENANCE RELEASE"</b>											
The A/C and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under work order											
No. <u>6682</u> Date <u>11-21-84</u>											
Signed <u>Dyle A. Wyse</u>											
for Commercial Aviation Maintenance Division											
P.O. Box 8, Lake Milton, Ohio 44429											
Cert. Repair Station C 65-14											

# ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
<p>I certify that this <del>engine</del> <b>BRONCO</b> serial # <b>24508412</b> has been inspected for a <b>PROB #4</b> inspection in accordance with current Federal Aviation Regulations and manufacturer's specifications and manuals and was found airworthy for return to service. Tag or hour meter time <b>3236.0</b> total time <b>1052.2</b></p> <p>Oil changed, brand <b>Shell</b> weight <b>65</b></p> <p>Det. _____ Non-Det. _____</p> <p>Filter replaced, screens cleaned. Differential compression taken No. 1 cyl. <b>71/80</b> No. 2 cyl. <b>68/80</b> No. 3 cyl. <b>71/80</b> No. 4 cyl. <b>71/80</b> No. 5 cyl. <b>71/80</b> No. 6 cyl. <b>66/80</b> Engine operation on flight complete</p> <p><b>REMOVED #4 CYL REPAIRED GUIDES &amp; EX VALVE have cyl, REGROUND SEATS, INSTALLED NEW RINGS RAN UP</b></p> <p style="text-align: center;"><b>"MAINTENANCE RELEASE"</b></p> <p>The A/C and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under work order No. <b>6754</b> Date <b>12-24-86</b></p> <p>Signed <b>Lyle A. Wyse</b> for Commercial Aviation Maintenance Division P.O. Box 8, Lake Milton, Ohio 44429 Cert. Repair Station C 65-14</p> <p style="text-align: center;"><b>"MAINTENANCE RELEASE"</b></p> <p>The A/C and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under work order No. <b>6754</b> Date <b>12-24-86</b></p> <p>BROUGHT FORWARD Signed <b>Lyle A. Wyse</b> TOTALS</p>													

Commercial Aviation Maintenance Division  
P.O. Box 8, Lake Milton, Ohio 44429  
Cert. Repair Station C 65-14

4R

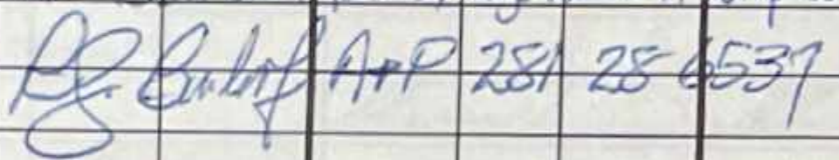
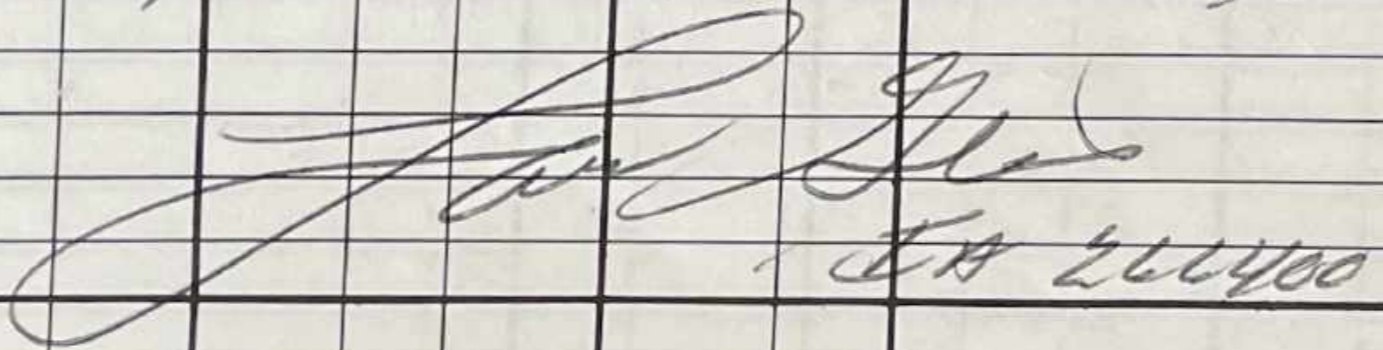


# ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
<p>I certify that this <u>ENGINE</u> serial # <u>245034R</u> has been inspected for an <u>ANNUAL</u> inspection in accordance with current Federal Aviation Regulations and manufacturer's specifications and manuals and was found airworthy for return to service. Tax or hour meter time <u>3455.1</u> total time <u>1251.3</u></p> <p>Oil changed, brand <u>AEROSHELL</u> weight <u>80</u></p> <p>Det. <u>Non-Det.</u></p> <p>Filter replaced, screens cleaned. Differential compression taken No. 1 cyl. <u>70/80</u> No. 2 cyl. <u>66/80</u> No. 3 cyl. <u>72/80</u> No. 4 cyl. <u>67/80</u> No. 5 cyl. <u>72/80</u> No. 6 cyl. <u>71/80</u> Engine operation preflight completed.</p> <p><u>REMOVED #6 CYL, SEATED VALVES, INSTALLED W/NEW RING SET P/N 639505A9P005 AND NEW SEALS AND GASKETS.</u></p> <p><u>- END -</u></p>													
<p><b>"MAINTENANCE RELEASE"</b></p> <p>The A/C and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under work order No. <u>7098</u> Date <u>7-1-87</u></p> <p>Signed <u>[Signature]</u></p> <p>for Commercial Aviation Maintenance Division P.O. Box 8, Lake Milton, Ohio 44429 Cert. Repair Station C 65-14</p>													
<p><u>9-8-87</u></p> <p><u>Hobbs 3586.8</u> Changed oil and checked screen for contamination, cleaned and replaced spark plugs. Used 12 qts Aeroshell 80W oil, ran up OK - no leaks</p>													
BROUGHT FORWARD													
TOTALS													



# ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
2 March 1988	Engine Inspected for Annual, Oil Changed to Aeroshell W50, Spark Plugs Cleaned, Fuel Nozzles cleaned ultrasonically and flow checked												
Hobbs 3747.1	Baffles repaired, Spark Plug Leads Repaired, New Brackett BA 7605 air Filter assembly installed, Complies with AD 84-26-02, next due 4247.1												
Engine TSFRM	Bendix Mag Switches tested to C/W AD 76-07-12, next due 3847.1. Magneto's replaced with OSOH P/N 10-349350-4 and -5/T.U. Smith												
1543.1 hrs.	W/o 955.1 and 955.3, Tags Attached, Complies with AD 78-09-07 R2 next due 4247.1 - AD's Checked thru 884, Engine is Airworthy												
Since TDI 9903	 APP 281 28 6537												
<p>3-2-88 J CORBY THAT THIS ENGINE HAS BEEN CHECKED IN ACCORDANCE WITH FAA FOR ANNUAL LICENSE &amp; WAS DETERMINED TO BE IN AIRWORTHY CONDITION AT 3747 HRS ON THE HR METER</p>  JA 266400													
BROUGHT FORWARD													
TOTALS													

# ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
5-1-89	Engine Inspected for Annual, Oil changed to Aeroshell W 50, Plugs Cleaned, Screen Checked, Filters Checked												
Hobbs 3783.0	Bendix Impulse AD due 4247.1 Hobbs AD 78-04-07 R2												
TTSFRM 1579.0	Bendix Mag Switches AD 76-07-12 Tested OK Next due 3883.0 Hobbs Air Inlet Filter AD 84-2a-02 next due 4247.1 Hobbs												
*Since TDI 10262	Engine is airworthy <i>R. B. [Signature]</i> APP 281 286537												
<p>5-3-89 I certify that the engine has been checked in accordance with FAR for Annual License &amp; was determined to be in Airworthy Condition at 5783 hrs on the hr meter</p> <p style="text-align: right; font-size: 2em;"><i>[Signature]</i></p> <p style="text-align: right;">FA 264400</p>													
BROUGHT FORWARD													
TOTALS													



# ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
7/27/90 Hobbs 3804.1	Engine Insp.		For Annual - Oil Change Aero Shell W50			Plugs Cleaned, Screens and Filters Checked							
	New Brackett		Air Filter Insert C/W AD 84-28-02			Next due 4304.1 Hobbs							
TTSFRM 1599.9	Bendix Mag Sw		AD 76-07-12 Tested OK - Next Due 3904.1 Hobbs										
Since TDI 1047.1	Bendix Mag Impulse		AD 78-04-07 R2 - Next Due 4247.1 Hobbs										
	Engine IS AIRWORTHY <i>R. Belief A+P 281 28 6537</i>												
<p>7-27-90 I certify that the engine was checked in accordance with FAR for annual license &amp; was determined to be in Airworthy condition this date</p> <p style="text-align: right;"><i>[Signature]</i></p>													
11-15-90 4357.1 TT Hobbs 3805	Installed New Prestolite Alternator, Test Run, Voltage check OK <i>R. Belief A+P 281 28 6537</i>												
	New Throttle Body - Exch Clydesdale												
BROUGHT FORWARD													
TOTALS													

# ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
8-8-91	Annual												
3813.1	oil chg												
12-20-92	Annual												
3850.3	oil chg												
3-18-94	Annual												
3873.0	oil chg												
4-3-95	Annual												
3896.0	oil chg												
2-24-96	3921.7 hobbs										Removed LH-N3WJ For OH	R.S. Buhler AWP 281 286537	
	17175FRM 10/84												
BROUGHT FORWARD													
TOTALS													

TSO Tach Gen 975.9  
 VAC Pump - 498 TSO  
 Magn 174.6 TSO  
 Alt. and Throttle Body 116.7 TSO

# ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
6-15-96									39	22	<p style="color: red; font-weight: bold;">Major Engine Overhaul -</p> <p>                     Sore engine down - Cleared &amp; inspection per mfg. overhaul manual and specs - mag. valves &amp; yzgo and cont. ultrasonic test of crankshaft and 6 oil squirters installed in case by: Aero Power, Inc. Cleveland Ohio - Cyls. → <span style="color: red;">Satin Chrome by: Harrison Eng. Serv.</span>  <span style="color: red; font-weight: bold;">Do Not Hone Cyls.</span> Fuel inj. system by: Fuel systems unlimited - gwasna, Ok. All these record are attached - Installed new: Camshaft 53566/ser. # 47-2472 - <del>6-643629 &amp; 6-6-6</del> - 6-lifters 646277 &amp; 6-628488 - 6-pistons <del>5399</del> 648029 - Ring set 4701-A2 - Piston pins 6-539467 - Main bearing set - 6465591 <del>not</del> A3 M10 - Rod bearings 6308 26 M10 - new cyl. bushing and pins and crank cheek bushing - Plates &amp; clips -                 </p>		
BROUGHT FORWARD											<p style="font-size: 2em; color: green;">→ Cont. next Page</p>		
TOTALS													

# ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
6-15-96											(D.H. Cont.) Hobbs 3922.0 Hrs. - Furnished hose set w/ fire shield - new fuel pump drive shaft new rocker arm bushings and shafts - new 6 E4 valves - 6 intake valves - springs - upper & lower washers - Rotor Caps - Eng. assy. with all new gasket & hose set - Scheduled Accessories A & B. Ralph P. Day A & P. 1132654		
											Installed LH N3WJ new hoses, engine mounts bolts		
7-15-97											Oil Chg 100W - 12 new Auburn Fine Wire Plugs		
39330													
BROUGHT FORWARD													
TOTALS													



**BLUE ASH AIRCRAFT SERVICE, INC.**

Cincinnati, Airport  
 4273 Glendale-Milford Road  
 CINCINNATI, OHIO 45242  
 (513) 984-8603

# ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
7-1-00 4006	Annual - plugs checked, 100W,												
8-21-05	4163.1	Hobbs AF/TT									LE Magns, Harness Plugs Rep/ New Slick Kit, Avial (find wire)		
BROUGHT FORWARD													
TOTALS													

**PREVACID<sup>®</sup>**  
LANSOPRAZOLE

SLICK MAG KIT

8/21/05    LAF ENG



# ENGINE LOG

## BAILEY'S AIRCRAFT SERVICE

256 SOUTH MAIN ST. ~ PLEASANT GAP PA. 16823

CONTINENTAL 0-470L    TIME 307.1    LT ENGINE LOG N3WJ    DATE FEB 09/2011

INSPECTED ENGINE I.A.W. A 100 HR. ANNUAL INSPECTION PER FORM. CONDUCTED THE FOLLOWING MAINTENANCE . OIL AND FILTER CHANGED .SERVICED WITH 15W50 SHELL ,CH48108 CLEANED AND GAP,D ALL SPARK PLUGS. C.C 1.72 2. 70 3. 65 4. 70 5. 70 6. 70

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

SIGNATURE *Alan Z. Bailey*  
 DATE FEB 09/2011  
 A&P 2072968 IA

LICENSE  
NUMBER

BROUGHT FORWARD  
TOTALS

# ENGINE LOG

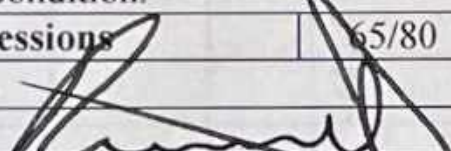
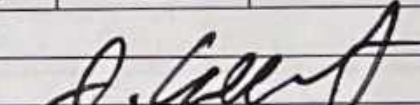
Mac Air Services 140 North Valley Rd. Xenia, OH 45385

<b>LEFT ENGINE</b>	Continental IO-470-L21	<b>HOBBS</b>	4,339.7
SN#	245084-R	TSN	2134.8
Date	3 June 2012	TSO	417.7

**N3WJ**

Description

- (1) Performed **100 HR/ ANNUAL LEFT** engine insp IAW Beech 95B-55 service manual & insp checklist.
- (2) Removed oil and filter. Cut open filter; no defects noted. Serviced w/ 10qts. Aeroshell 100W oil & AA48108-2 filter.
- (3) Removed and cleaned all spark plugs and fuel injectors.
- (4) Replaced air filter, p/n Brackett BA-7610 assy.
- (5) Replaced oil filter adapter crush gaskets.
- (6) Removed, inspected, and re-timed mags.
- (7) Replaced all rocker cover gaskets, p/n 534857.
- (8) c/w **AD 2012-03-06**, **AFS Fuel Servo Diaphragm**, Engine not in referenced time frame, this AD n/a.
- (9) Researched & CW all AD's. See compliance records.
- (10) Operational and leak tests satisfactory. Aircraft approved for return to service.
- (11) I certify that this engine has been inspected IAW a **100 HR/ANNUAL** inspection and was determined to be in an airworthy condition.

Compressions	65/80	66/80	67/80	66/80	64/80	65/80
Russ Smith A&P 3532713						
		Joseph Callewaert A&P 2761630 IA				

LICENSE NUMBER


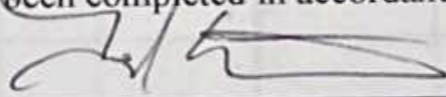
BROUGHT FORWARD

TOTALS



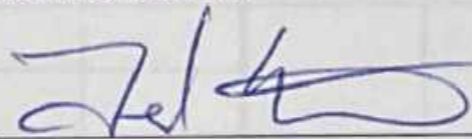


# ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;"> <h2 style="margin: 0;">Aviation Sales, Inc.</h2> <p style="margin: 0;">10600 Springboro Pike Miamisburg, OH 45342</p> </div> <div style="text-align: right;">  <p style="font-size: small; margin: 0;">AVIATION SALES, INCORPORATED</p> </div> </div> <div style="display: flex; justify-content: space-between;"> <div style="width: 40%;"> <p><b>N3WJ</b></p> <p><b>HM: 385.4</b></p> <ol style="list-style-type: none"> <li>1. Changed oil and filter. Inspected filter and no defects noted. Serviced with Aeroshell 80W oil.</li> <li>2. Ground run and leak checked good.</li> </ol> <p>I certify that the above work has been completed in accordance with current FAA regulations and this aircraft is approved for return to service.</p> <div style="text-align: right; margin-top: 10px;">  <p style="font-size: large; margin: 0;">AP3567289</p> </div> </div> <div style="width: 30%; text-align: right;"> <p><b>11/13/2012</b></p> </div> </div>													
BROUGHT FORWARD													
TOTALS													



# ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Gr	...	...	...	...	...	...	...	...				
<div data-bbox="1183 405 1842 478" data-label="Section-Header"> <h2 style="margin: 0;">Aviation Sales, Inc.</h2> </div> <div data-bbox="1114 480 1884 531" data-label="Text"> <p style="margin: 0;">10600 Springboro Pike Miamisburg, OH 45342</p> </div> <div data-bbox="2294 312 2558 453" data-label="Image"> </div> <div data-bbox="437 660 686 766" data-label="Text"> <p style="margin: 0;"><b>N3WJ</b> <b>HM: 458.5</b></p> </div> <div data-bbox="2031 646 2285 695" data-label="Text"> <p style="margin: 0;"><b>10/04/2013</b></p> </div> <div data-bbox="617 812 2507 914" data-label="List-Group"> <ol style="list-style-type: none"> <li>1. Changed oil and filter. Inspected filter and no defects noted. Serviced with Aeroshell 80W oil. Ground run and checked good.</li> </ol> </div> <div data-bbox="617 992 2540 1098" data-label="Text"> <p style="margin: 0;">I certify that the above described work has been completed in accordance with current FAA regulations and the aircraft and/or appliance is approved for return to service.</p> </div> <div data-bbox="1174 1091 2172 1230" data-label="Text"> <p style="margin: 0; text-align: center;">  <span style="margin-left: 20px;">AP 3567289</span> </p> </div>													
BROUGHT FORWARD													
TOTALS													

# ENGINE LOG

DATE

## Aviation Sales, Inc.

10600 Springboro Pike Miamisburg, OH 45342



SIGNATURE

LICENSE NUMBER

**N3WJ**

**HM: 4499.0**

**LH Engine**

**07/11/2014**

**ACTT: 5050.8**

**Engine TSO: 577.0**

1. Completed annual inspection in accordance with FAR 91.409 using the Raytheon 55 maintenance manual as a guide and this aircraft has been determined to be airworthy.
2. Changed oil and filter. Inspected filter and no defects noted. Serviced with Aeroshell 100W oil.
3. Compressions: 1-77/80, 2-76/80, 3-76/80, 4-77/80, 5-76/80, 6-72/80.
4. Cleaned all fuel nozzles.
5. AD's checked for compliance thru current issue.
6. All work completed in accordance with the Raytheon 55 maintenance manual.
7. Ground run and checked good.

I certify that the above described work has been completed in accordance with current FAA regulations and the aircraft and/or appliance is approved for return to service.

*[Handwritten Signature]*

BROUG

TOTALS

# ENGINE LOG



## Aviation Sales, Inc.

10600 Springboro Pike Miamisburg, OH 45342

12/03/2014

LF ENL

N3WJ

HM: 549.9

1. Replaced the starter with an overhauled unit. Installed PN: MHJ4003, SN: A138777 and tested good.
2. Replaced the oil cooler and adapter plat. Installed a new adapter plate PN 652618 and overhauled oil cooler PN: J94-295-3243. Run up and leak checked good.

I certify that the above described work has been completed in accordance with current FAA regulations and the aircraft and/or appliance is approved for return to service.

*James W. G. AP2263396*

DATE

SIGNATURE

LICENSE NUMBER

BROUGHT FORWARD

TOTALS



# ENGINE LOG

DATE

R.P.



11/23/2015  
4701 N.E. 40th TERRACE  
GAINESVILLE, FL 32609

N:3WJ **L/H engine**  
MAKE:CONTINENTAL  
MODEL:JO470L21B  
S/N:  
TACH:  
HOBBS:6188.0

N3WJ

HM: 630.1

*DTM*

1.

1. Replaced both L/H engine oil cooler gaskets with new ran up leak checked good.

I certify the maintenance and/ or alteration described above was accomplished in accordance with the requirements of 14 CFR Part 43, and with respect to the work performed is airworthy and approved for return to service.

Ian A. Thiessen AP 3585304 IA

I cert  
appro

BROUGHT FORWARD

TOTALS





# ENGINE LOG



## Aviation Sales, Inc.

10600 Springboro Pike Miamisburg, OH 45342

LICENSE  
NUMBER

DATE

Ground

**N3WJ**

**HM: 4648.4**

**Left Engine TSO: 726.4**

**08/15/2016**

**ACTT: 5200.2**

1. Completed annual inspection in accordance with FAR 91.409 using the Raytheon 55 maintenance manual as a guide and this engine has been determined to be airworthy.
2. Compressions: 1-74/80, 2-76/80, 3-74/80, 4-73/80, 5-77/80, 6-75/80.
3. Changed oil and filter. Inspected filter and no defects noted. Serviced with Aeroshell W100 oil.
4. Removed, cleaned, and reinstalled fuel nozzles.
5. AD's checked for compliance thru current issue.
6. All work completed in accordance with the Raytheon 55 maintenance manual.
7. Ground run and checked good.

I certify that the above described work has been completed in accordance with current FAA regulations and the aircraft and/or appliance is approved for return to service.

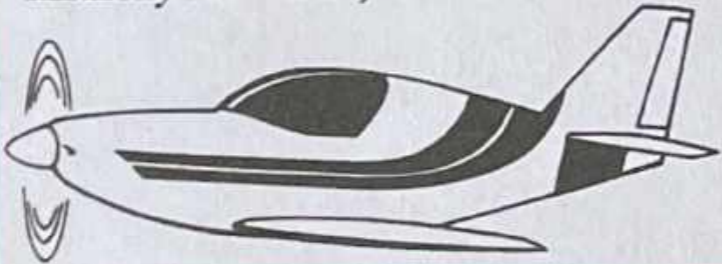
*Just Kelly 4-A2263786*

BROUGHT FORWARD

TOTALS



# ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER			
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.						
<div style="border: 2px solid red; padding: 10px; margin: 10px auto; width: 90%;"> <p><b>Reg. No. - N3WJ Lt Engine TCM IO-470-L S/N 245084</b> <span style="float: right;"><b>Date- 2/2/20</b></span></p> <table border="1" style="float: right; border-collapse: collapse;"> <tr> <td style="padding: 2px;"><b>Hobbs</b></td> <td style="padding: 2px; text-align: right;"><b>4777.8</b></td> </tr> <tr> <td style="padding: 2px;"><b>TSMOH</b></td> <td style="padding: 2px; text-align: right;"><b>855.8</b></td> </tr> </table> <p>I certify that this <b>Engine</b> has been inspected in accordance with a <b>100 Hour Inspection</b> and determined to be in airworthy condition at this time. Complied with Inspection checklist as per Appendix D to Part 43. For AD compliance, see recurring AD sheets and AD listing.</p> <p><b>Compressions: #1 75/80, #2 76/80, #3 75/80, #4 78/80, #5 76/80, #6 77/80</b></p> <p><b>Drained oil, replaced filter with CH48108-1, added 11 Qts Aero Shell 15W50 oil, checked Mag. timing, cleaned and gapped plugs, cleaned injectors. Engine run and leak check good.</b></p> <p><i>Flight Sport Aviation, LLC</i> <i>Anthony Bell A&amp;P, IA</i></p> <div style="display: flex; justify-content: space-between; align-items: center; margin-top: 20px;">  <div style="text-align: right;"> <p>Authorized Signature <u><i>Anthony Bell</i></u> A&amp;P2145613IA</p> </div> </div> </div>													<b>Hobbs</b>	<b>4777.8</b>	<b>TSMOH</b>	<b>855.8</b>
<b>Hobbs</b>	<b>4777.8</b>															
<b>TSMOH</b>	<b>855.8</b>															
<p>BROUGHT FORWARD</p> <p>TOTALS</p>																



# ENGINE LOG

DATE

Group

**Reg. No. - N3WJ Lt Engine TCM IO-470-L S/N 245084**

**Date- 9/14/17**

SIGNATURE

LICENSE NUMBER

<b>Hobbs</b>	<b>4715.8</b>
<b>TSMOH</b>	<b>793.8</b>

I certify that this **Engine** has been inspected in accordance with a **100 Hour Inspection** and determined to be in airworthy condition at this time. Complied with Inspection checklist as per Appendix D to Part 43. For AD compliance, see recurring AD sheets and AD listing.

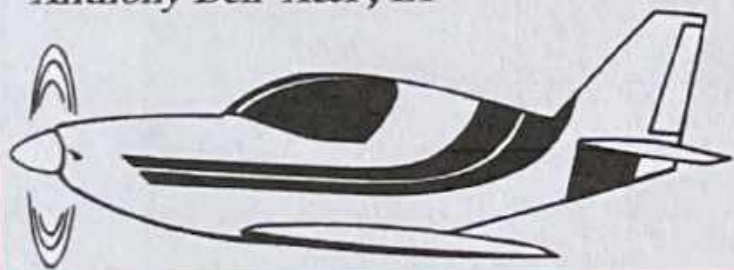
**Compressions: #1 74/80, #2 77/80, #3 74/80, #4 75/80, #5 75/80, #6 75/80**

**Drained oil, replaced filter with AA48108-2, added 11 Qts Phillips 20W50 XC oil, checked Mag. timing, cleaned and gapped plugs, cleaned injectors. Engine run and leak check good.**

**AD 16-16-12 (8/15/16) ECI cylinders class 71 or 76 N/A not installed on this engine.**

**Replaced defective vacuum pump with P/N 442CW S/N981713, ops check good.**

*Flight Sport Aviation, LLC  
Anthony Bell A&P, IA*



Authorized Signature

A&P21456.13IA

BROUGHT FORWARD

TOTALS

*Notes: This entry in Wrong Date Order.*

# MEMORANDA

DATE

Reg. No. - N3WJ Lt Engine TCM IO-470-L S/N 245084

Date- 11/20/18

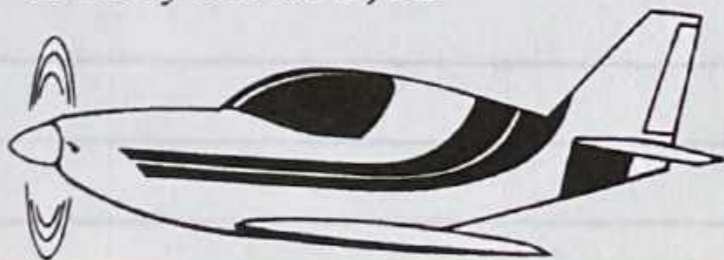
I certify that this Engine has been inspected in accordance with a 100 Hour Inspection and determined to be in airworthy condition at this time. Complied with Inspection checklist as per Appendix D to Part 43. For AD compliance, see recurring AD sheets and AD listing.

Hobbs	4754.2
TSMOH	832.2

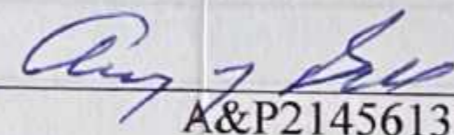
Compressions: #1 74/80, #2 78/80, #3 75/80, #4 78/80, #5 75/80, #6 76/80

Drained oil, replaced filter with AA48108-2, added 11 Qts Phillips 20W50 XC oil, checked Mag. timing, cleaned and gapped plugs, cleaned injectors. Engine run and leak check good.

Flight Sport Aviation, LLC  
Anthony Bell A&P, IA



Authorized Signature



A&P2145613IA

5-12-2021

REPLACED HOBBS @ ACT 5372.2 TSMOH = 898.8 + HOBBS

Note: This Entry in Wrong Ass Order

AYP  
2805 PB

# MEMORANDA

DATE

N3WJ Beech 95-B55 S/N: TC-1713 ACTT: 5377.7 Hobbs: 5.5 Date: 6-04-2021

LF Engine: TCM IO-470-L S/N: 245084 TSMOH: 904.3

Left and Right Magnetos "E Gap" checked and set. Magnetos timed IAW IO-470 Service Manual.

I Certify that the above described work has been completed in accordance with current FAA regulations and the aircraft is approved for return to service for the work accomplished.

Erik Sharp A&P 2805953



AERO POWER, INC.

CYLINDERS

BEAR TRAIL

CRANKSHAFT

CRANKCASE

INTERVAL

OK

OK

OK

NO LOSS OIL

HIDDEN DAMAGE REPORT

ROD FLANGE

ACCESSORIES

CYLINDERS

SUM

OK

OK


NO LOSS OIL



**TELEDYNE CONTINENTAL MOTORS**  
**Aircraft Products Division**

P. O. BOX 90, MOBILE, ALABAMA 36601

Form No. X30511



Member of GAMA  
General Aviation  
Manufacturers Association

(L)

N3WT

IO470L21

#245084-R.



*The Standard*

# ENGINE LOG

ASA-SE-1

# Engine Record General Information

Manufacturer TC Model IO 470 L 21

Serial 245084-R Type Certificate \_\_\_\_\_

This engine is currently installed in aircraft: N3WJ, B-55 BARON

Minimum Octane Fuel 100 LL Oil Grade: Summer \_\_\_\_\_ Winter \_\_\_\_\_

Magneto Time \_\_\_\_\_ Point Setting \_\_\_\_\_ Firing Order \_\_\_\_\_

Spark Plug Gap \_\_\_\_\_

Manufacturer's Recommended Overhaul at \_\_\_\_\_ hours

# Registered Owner Record

Name	<u>Upwood's Onwood LLC</u>	Address	<u>1401 Starboway Lane</u>
City	<u>Hixson</u>	State	<u>TN</u>
		From	<u>03/31/2021</u>
		To	
Name		Address	
City		State	
		From	
		To	
Name		Address	
City		State	
		From	
		To	
Name		Address	
City		State	
		From	
		To	
Name		Address	
City		State	
		From	
		To	

2 N3WJ Beech 95-B55 S/N: TC-1713 ACTT: 5391.8 Hobbs: 19.6 Date: 6-29-2021

LF Engine: TCM IO-470-L S/N: 245084 TSMOH: 918.4

Left and Right Magnetos Model Number 6310 replaced with O/H units Model 6310 L/H S/N J-06217 and R/H S/N J-06216 "E Gap" checked and set. Magnetos timed IAW IO-470 Service Manual.

I Certify that the above described work has been completed in accordance with current FAA regulations and the aircraft is approved for return to service for the work accomplished.



Erik Sharp A&P 2805953

				Address
				Phone
				Address
				Phone

YEAR 20 <u>21</u> DATE	RECORDING TACH TIME <i>Hobbs</i>	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.)
7/12/21	30.5	-		-11 Qts 20W50 Oil & New Oil Filter (Tempest <sup>AA</sup> 8108-2) No Metre noticed in filter. 52 hrs since last Oil Change. -Owner accomplished Maintenance per 14 CFR Part 43. <i>Alan Bratcher CR# 3613383 12 July 2021</i>

**N3WJ LH Engine Entry**

Date: 11/20/21  
TCM IO-470-L (21) S/N 245084-R  
TTSN: 2686.7  
Hobbs: 70.9  
TSO: 969.7

C/W 100HR inspection IAW FAR 43.D checklist. C/W compression checks #1 75/80 #2 67/80 #3 71/80 #4 59/80 #5 62/80 #6 61/80, MOR 46/80. Removed, cleaned, serviced and reinstalled spark plugs. Removed, cleaned & re-installed all 6 fuel injectors. Drained oil. Removed, cut & inspected oil filter, no defects noted. Installed new Tempest oil filter P/N AA48108-2 & serviced sump w/9.5 qts of Phillips XC20W50 oil. Installed 10-24 helicoil in crankshaft nose seal cover lower RH side. Timed both mags to engine. Ground ran, ops & leak check good.

I CERTIFY THIS ENGINE IS IN AIRWORTHY CONDITION IN REGARDS TO WORK PERFORMED AND IS APPROVED FOR RETURN TO SERVICE.

Ryan Adam Bratcher A&P 3349981 IA

*Ryan Adam Bratcher*

TRANSPORTATION USD \$5.95

ISBN 978-1-56027-416-2



50595 >



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(R)

 **TELEDYNE CONTINENTAL**



# **Gold Medallion Aircraft Engine**

# **REBUILT ENGINE LOG**

N3WJ (RIGHT)

AIRCRAFT N NUMBER

I0470L21

ENGINE MODEL NUMBER

245077-R

ENGINE SERIAL NUMBER

CAS-40

CLYDESDALE AIRCRAFT CORPORATION

COLUMBUS, OHIO

F.A.A. APPROVED  
REPAIR STATION NO. 2723

# ACCEPTED OR SERVICABLE TAG

NAME Continental Engine

TYPE IO-470-L (21)

S/N 245077-R

P/N N/A

DATE 5-16-90

QTY. 1 Ea.

REMARKS: Overhauled & tested.

All applicable TCM AD's checked thru issue 90-08. No AD's applicable or C/W at this time.  
Cermycrome plated cylinders.  
End



INSPECTOR SIGNATURE Terry Rhy



All Continental factory-rebuilt engines

order form or call (205)438-3411, publications department, for information.

**TELEDYNE CONTINENTAL MOTORS**  
Aircraft Products Division  
P. O. Box 90 \* Mobile, Alabama 36601

980, are protected Gold Medallion warranty provides the TBO of your Million Warranty is with brand new See your TCM or write direct to onals for a free

on  
nical Publications  
mail basis from the  
be prepaid. Send for

Right

This engine model T10470L21, serial No. 245077-R  
has been rebuilt by Teledyne Continental Motors. All applicable  
Federal Aviation Administration regulations and mandatory Teledyne  
Continental bulletins have been complied with. This log book shall  
indicate zero hours.

By Walter Pogue

Date 9-12-84

 **TELEDYNE CONTINENTAL MOTORS**  
Aircraft Products Division

## ENGINE DESCRIPTION

DATE 20 SEP 84 MODEL I0970L-21 SERIAL NO. 245077-R  
RATED H.P. 260 TAKE OFF MAXIMUM H.P. 260 CONTINUOUS.  
RATED R.P.M. 2625 MAX. T.O. MAXIMUM R.P.M. 2625 CONTINUOUS OIL PRESSURE MIN: 10 PSI MAX. 60 PSI  
BORE 5" STROKE 4" DISPLACEMENT 471 CU. IN.  
COMPRESSION RATIO 8:1 GEAR RATIO \_\_\_\_\_

PROPELLER \_\_\_\_\_ HUB DESIGN \_\_\_\_\_ HUB SERIAL NO. \_\_\_\_\_  
BLADE DESIGN \_\_\_\_\_ BLADE SERIAL NO. \_\_\_\_\_ BLADE SERIAL NO. \_\_\_\_\_  
MAXIMUM HUB H.P. \_\_\_\_\_ MAXIMUM BLADE H.P. \_\_\_\_\_  
PITCH \_\_\_\_\_ DIAMETER \_\_\_\_\_ LENGTH \_\_\_\_\_

OWNERS NAME \_\_\_\_\_  
ADDRESS \_\_\_\_\_ CITY \_\_\_\_\_ STATE \_\_\_\_\_

# ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
8/20											Hobbs 2176 This Eng Installed on Baron 1436J. Prop Was overhauled By Prebie Aircraft, per AD Note. Prop Now Exchanged From Sensesch. Ground Run Ok. AD 185697 ECA		
BROUGHT FORWARD													
TOTALS													

# ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
Hobbs	22	21.0	Changed oil +			Hobbs			22	58.6	Changed oil + Cleaned		
	Cleaned screens,		Refilled w/			Screens.		Refill w/ 65W Aeroshell oil		Replaced Starter Drive w/ PN 635050AH			
	65 Aeroshell		Non-DeTergent			Rebuilt By Continental on 10-11-84.		Installed New <del>Start</del> Bracket for Fuel Injec		PN 641643. Run up OK. No Leaks			
	Oil.		Run up OK - No Leaks										
<b>"MAINTENANCE RELEASE"</b>													
The A/C and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under work order No. <u>5445</u>													
Date <u>11-20-84</u> Signed <u>Dyle A. Wyse</u>													
for Commercial Aviation Maintenance Division PO Box 8, Lake Milton, Ohio 44429 Cert. Repair Station C 65-14													
<b>"MAINTENANCE RELEASE"</b>													
The A/C and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under work order No. <u>5499</u>													
Date <u>12-21-84</u> Signed <u>Dyle A. Wyse</u>													
for Commercial Aviation Maintenance Division PO Box 8, Lake Milton, Ohio 44429 Cert. Repair Station C 65-14													
BROUGHT FORWARD													
TOTALS													



# ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
Tach 226H.2													
3/6/85													
Hobbs 2320.1													
BROUGHT FORWARD													
TOTALS													

Tach 226H.2  
 12-27-84  
 Cleaned Oil Screen + Found  
 OK for Return to Service,  
 Checked for Leaks.  
 Lily Wyse  
 H/P 269-46 5046

3/6/85  
 Hobbs 2320.1  
 Performed A 100 hrs inspection I/AW Beech Maint Manual,  
 Performed Compression Check, Changed oil & Cleaned oil Screen,  
 Cleaned & gaped All spark plugs. Checked Air Filter.  
 Serviced & inspected prop and spinner. Degreased and  
 ground ran good. I certify this Eng has been  
 inspected I/AW A 100 hrs inspection And is  
 Approved for return to Service.  
 Robert H. Mow A4022986 4024



# ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
3/6/85	2320.1	ACFT HOBBS				I CERTIFY THIS ENG/PROP HAS BEEN INSP I/A/W AN ANNUAL INSP. AND IS APPROVED FOR RETURN TO SERVICE. Joseph M. Stewart AIP 2151349 IA							
	2871.9	ACFT TT											
	144.1	ENG TT											
4-3-85	2375.6	ACFT HOBBS				CHANGED OIL, SERVICED WITH 12 QTS AEROSHELL 15W50 - CLEANED SCREEN, RUN UP OK. NO LEAKS NOTICED. END. WA [Signature] AIP 287-602358							
	2927.4	ACFT TT											
	196.6	ENG TT											
5-10-85	HOBBS - 2455.8					CHANGED OIL, CLEANED SCREEN SERVICED WITH AEROSHELL PREMIUM, 11 QTS. R.M. [Signature] AIP 125427546							
	A/C T.T. - 3007.6												
	ENG T.T. - 276.8												
BROUGHT FORWARD													
TOTALS													

# LOG BOOK ENTRY

N#3WJ

DATE April 29, 1985

ENGINE LOG

HOUR: 2429.0

DATE

RIGHT ENGINE:

Removed and replaced alternator belt. Part No. 539547-31.19. Ground run and found satisfactory.

Sign

*Kristen M. Lawson, II*

A & P #

Kristen M. Lawson, II

**OHIO AVIATION CO.**

Cincinnati Division

Cert. Repair Sta. CO5-15

Lunken Airport

358 Wilmer Avenue

Cincinnati, Ohio 45226

BROUGHT

W. O. # 52849

# ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
											<p style="margin: 0;">certify that this <u>Engine</u> serial # <u>245077-R</u></p> <p style="margin: 0;">has been inspected for a <u>Annual</u> inspection in accordance with current Federal Aviation Regulations and manufacturer's specifications and manuals and was found airworthy for return to service. Tac or hour meter time <u>2569.1</u> total time <u>393.1</u></p> <p style="margin: 0;">Oil changed, Brand <u>Shell</u> weight <u>100W</u></p> <p style="margin: 0;">Det. <input checked="" type="checkbox"/> Non-Det. <input type="checkbox"/></p> <p style="margin: 0;">Filter replaced, screens cleaned. Differential compression taken No. 1 cyl. <u>65</u>/180 No. 2 cyl. <u>62</u>/180 No. 3 cyl. <u>72</u>/180 No. 4 cyl. <u>74</u>/180 No. 5 cyl. <u>76</u>/180 No. 6 cyl. <u>71</u>/180. Engine operation preflight completed.</p>		
<p style="text-align: center;"><b>"MAINTENANCE RELEASE"</b></p> <p style="margin: 0;">The A/C and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under work order No. <u>5739</u></p> <p style="margin: 0;">Date <u>6-10-85</u> Signed <u>Lyle A. Wise</u></p> <p style="margin: 0;">for Commercial Aviation Maintenance Division PO Box 8, Lake Milton, Ohio 44429 Cert. Repair Station C 65-14</p>													
											<p style="text-align: center;"><b>"MAINTENANCE RELEASE"</b></p> <p style="margin: 0;">The A/C and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under work order No. <u>5793</u></p> <p style="margin: 0;">Date <u>7-11-85</u> Signed <u>Lyle A. Wise</u></p> <p style="margin: 0;">for Commercial Aviation Maintenance Division PO Box 8, Lake Milton, Ohio 44429 Cert. Repair Station C 65-14</p>		
BROUGHT FORWARD													
TOTALS													

Next Insp Due at 2669.1

# ENGINE LOG

DATE	R.P.M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Total	Serial #	Hrs.	Min.	Hrs.	Min.			
<p>I certify that this <u>Engine</u> serial # <u>245077R</u> has been inspected for a <u>Prog # 1</u> inspection in accordance with current Federal Aviation Regulations and manufacturer's specifications and manuals and was found airworthy for return to service. Tag or hour meter time <u>2629.1</u> total time <u>453.1</u></p> <p>Oil changed, brand <u>Aeroshell</u> weight <u>100W</u></p> <p>Det. <input checked="" type="checkbox"/> Non-Det. <input type="checkbox"/></p> <p>Filter replaced, screens cleaned. Differential compression taken No. 1 cyl. <u>68</u>/80 No. 2 cyl. <u>69</u>/80 No. 3 cyl. <u>70</u>/80 No. 4 cyl. <u>64</u>/80 No. 5 cyl. <u>73</u>/80 No. 6 cyl. <u>68</u>/80</p> <p><u>68</u>/80 Engine operation preflight completed.</p> <p style="text-align: center;"><b>"MAINTENANCE RELEASE"</b></p> <p>The A/C and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under work order No. <u>5844</u></p> <p>Date <u>8-9-85</u> Signed <u>Dyle C. Wyse</u></p> <p>for Commercial Aviation Maintenance Division PO Box 8, Lake Milton, Ohio 44429 Cert. Repair Station C 85-14</p>											
<p>I certify that this <u>Engine</u> serial # <u>245077R</u> has been inspected for a <u>Prog # 1</u> inspection in accordance with current Federal Aviation Regulations and manufacturer's specifications and manuals and was found airworthy for return to service. Tag or hour meter time <u>2674.1</u> total time <u>498.1</u></p> <p>Oil changed, brand <u>Aeroshell</u> weight <u>100W</u></p> <p>Det. <input checked="" type="checkbox"/> Non-Det. <input type="checkbox"/></p> <p>Filter replaced, screens cleaned. Differential compression taken No. 1 cyl. <u>61</u>/80 No. 2 cyl. <u>60</u>/80 No. 3 cyl. <u>74</u>/80 No. 4 cyl. <u>74</u>/80 No. 5 cyl. <u>68</u>/80 No. 6 cyl. <u>69</u>/80</p> <p><u>69</u>/80 Engine operation preflight completed.</p> <p style="text-align: center;"><b>"MAINTENANCE RELEASE"</b></p> <p>The A/C and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under work order No. <u>5865</u></p> <p>Date <u>8-23-85</u> Signed <u>Dyle C. Wyse</u></p> <p>for Commercial Aviation Maintenance Division PO Box 8, Lake Milton, Ohio 44429 Cert. Repair Station C 85-14</p>											
<p><b>TOTALS</b></p>											

Next Insp. Due 2719.1

# ENGINE LOG

DATE	R.P.M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Min.	Total	Hrs.	Min.	Total	Hrs.			
<p>I certify this engine has been inspected for a <u>PROG #3</u> inspection in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Tag or hour meter time <u>2729.1</u> total time <u>553.1</u></p> <p>Oil changed, brand <u>AeroShell</u> weight <u>80W</u></p> <p>Det. <input checked="" type="checkbox"/> Det. <input type="checkbox"/> Non Det. <input type="checkbox"/></p> <p>Valves ground, screens cleaned. Differential compression 1 cyl. <u>60</u> /80 No. 2 cyl. <u>69</u> /80 No. 3 cyl. <u>68</u> /80 No. 4 cyl. <u>72</u> /80 No. 5 cyl. <u>67</u> /80 No. 6 cyl. <u>71</u> /80 engine operation preflight completed.</p> <p><u>INSTALLED New SPARK PLUGS R4B32E.</u></p> <p style="text-align: center;"><b>"MAINTENANCE RELEASE"</b></p> <p>The A/C and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are at this agency under work order # <u>5900</u></p> <p>Date <u>9-18-85</u> Signed <u>Dylan Wyse</u></p> <p style="text-align: center;">BROUGHT FORWARD Federal Aviation Maintenance Division 8, Lake Milton, Ohio 44429</p>											
<b>TOTALS</b>											

# ENGINE LOG

DATE	R.P.M.	
	Ground	Air

12/16/85  
 IO-470-L (21)  
 s/n 245077-R  
 Hour meter 2757.8  
 581.8 Time SFRM

Engine disassembled, cleaned and inspected for sudden stoppage damage. Engine reassembled with new parts as required. For pertinent details Reference Work Order AA-18 this agency. Engine block test ran and determined Airworthy.

Inspected Magnetos S/N B005237 and S/N B005329 per A.D. 78-09-07 R2 (see attached tags). DUE AGAIN AT HOUR METER READING 3257.8 . END.

*Clydesdale Aircraft Corp.*  
 3850 E. 5th AVE.  
 COLUMBUS, OHIO  
 Approved Repair Station No. 2723



.....  
 GENE L. SPRANG AUTH. SIG.

SIGNATURE	LICENSE NUMBER

BROUGHT FORWARD  
 TOTALS

# ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
<p>I certify that this <u>Engine</u> serial # <u>245077-R</u> has been inspected for a <u>Annual</u> inspection in accordance with current Federal Aviation Regulations and manufacturer's specifications and manuals and was found airworthy for return to service. Tag or hour meter time <u>2790.4</u> total time <u>614.4</u> SMOH</p> <p>Oil changed, brand <u>Aeroshell</u> weight <u>65W</u> <input checked="" type="checkbox"/> Non-Det.</p> <p>Filters replaced, screens cleaned. Differential compression: No. 1 cyl. <u>62/80</u> No. 2 cyl. <u>69/80</u> No. 3 cyl. <u>71/80</u> No. 4 cyl. <u>74/80</u> No. 5 cyl. <u>72/80</u> No. 6 cyl. <u>73/80</u>. Engine operation preflight completed.</p>													
<p><b>"MAINTENANCE RELEASE"</b></p> <p>The A/C and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under work order No. <u>6094</u> Date <u>1-29-86</u></p> <p>Signature: <u>Lyle A. Wyse</u> IA 269465046 ARP</p>													
<p>BROUGHT FORWARD BY <u>FAA</u> Commercial Aviation Maintenance Division                  P.O. Box 2, Lake Milton, Ohio 44429                  Cert. Repair Station C 65-14</p>													

Next Insp. Due 2819.1

# ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
											I certify that this <u>Engine</u> serial # <u>245077-R</u> has been inspected for a <u>Prog #1</u> inspection in accordance with current Federal Aviation Regulations and manufacturer's specifications and manuals and was found airworthy for return to service. Tach or hour meter time <u>2907.0</u> total time <u>731.0</u>		
											<u>Oil changed, brand <u>Aero Shell</u> weight <u>100</u> 1</u> <u>Dot. <u>Now Det</u></u> <u>Filter replaced, screens</u> <u>side taken No. 1 cyl - X</u> <u>73/80 No. 2 cyl <u>73/80</u></u> <u>65/80 No. 3 cyl</u> <u>65/80 No. 4 cyl</u> <u>65/80 No. 5 cyl</u> <u>65/80 No. 6 cyl</u> <u>65/80 No. 7 cyl</u> <u>65/80 No. 8 cyl</u> <u>65/80 No. 9 cyl</u> <u>65/80 No. 10 cyl</u> <u>65/80 No. 11 cyl</u> <u>65/80 No. 12 cyl</u> <u>65/80 No. 13 cyl</u> <u>65/80 No. 14 cyl</u> <u>65/80 No. 15 cyl</u> <u>65/80 No. 16 cyl</u> <u>65/80 No. 17 cyl</u> <u>65/80 No. 18 cyl</u> <u>65/80 No. 19 cyl</u> <u>65/80 No. 20 cyl</u> <u>65/80 No. 21 cyl</u> <u>65/80 No. 22 cyl</u> <u>65/80 No. 23 cyl</u> <u>65/80 No. 24 cyl</u> <u>65/80 No. 25 cyl</u> <u>65/80 No. 26 cyl</u> <u>65/80 No. 27 cyl</u> <u>65/80 No. 28 cyl</u> <u>65/80 No. 29 cyl</u> <u>65/80 No. 30 cyl</u> <u>65/80 No. 31 cyl</u> <u>65/80 No. 32 cyl</u> <u>65/80 No. 33 cyl</u> <u>65/80 No. 34 cyl</u> <u>65/80 No. 35 cyl</u> <u>65/80 No. 36 cyl</u> <u>65/80 No. 37 cyl</u> <u>65/80 No. 38 cyl</u> <u>65/80 No. 39 cyl</u> <u>65/80 No. 40 cyl</u> <u>65/80 No. 41 cyl</u> <u>65/80 No. 42 cyl</u> <u>65/80 No. 43 cyl</u> <u>65/80 No. 44 cyl</u> <u>65/80 No. 45 cyl</u> <u>65/80 No. 46 cyl</u> <u>65/80 No. 47 cyl</u> <u>65/80 No. 48 cyl</u> <u>65/80 No. 49 cyl</u> <u>65/80 No. 50 cyl</u> <u>65/80 No. 51 cyl</u> <u>65/80 No. 52 cyl</u> <u>65/80 No. 53 cyl</u> <u>65/80 No. 54 cyl</u> <u>65/80 No. 55 cyl</u> <u>65/80 No. 56 cyl</u> <u>65/80 No. 57 cyl</u> <u>65/80 No. 58 cyl</u> <u>65/80 No. 59 cyl</u> <u>65/80 No. 60 cyl</u> <u>65/80 No. 61 cyl</u> <u>65/80 No. 62 cyl</u> <u>65/80 No. 63 cyl</u> <u>65/80 No. 64 cyl</u> <u>65/80 No. 65 cyl</u> <u>65/80 No. 66 cyl</u> <u>65/80 No. 67 cyl</u> <u>65/80 No. 68 cyl</u> <u>65/80 No. 69 cyl</u> <u>65/80 No. 70 cyl</u> <u>65/80 No. 71 cyl</u> <u>65/80 No. 72 cyl</u> <u>65/80 No. 73 cyl</u> <u>65/80 No. 74 cyl</u> <u>65/80 No. 75 cyl</u> <u>65/80 No. 76 cyl</u> <u>65/80 No. 77 cyl</u> <u>65/80 No. 78 cyl</u> <u>65/80 No. 79 cyl</u> <u>65/80 No. 80 cyl</u> <u>65/80 No. 81 cyl</u> <u>65/80 No. 82 cyl</u> <u>65/80 No. 83 cyl</u> <u>65/80 No. 84 cyl</u> <u>65/80 No. 85 cyl</u> <u>65/80 No. 86 cyl</u> <u>65/80 No. 87 cyl</u> <u>65/80 No. 88 cyl</u> <u>65/80 No. 89 cyl</u> <u>65/80 No. 90 cyl</u> <u>65/80 No. 91 cyl</u> <u>65/80 No. 92 cyl</u> <u>65/80 No. 93 cyl</u> <u>65/80 No. 94 cyl</u> <u>65/80 No. 95 cyl</u> <u>65/80 No. 96 cyl</u> <u>65/80 No. 97 cyl</u> <u>65/80 No. 98 cyl</u> <u>65/80 No. 99 cyl</u> <u>65/80 No. 100 cyl</u>		
<b>"MAINTENANCE RELEASE"</b>													
The A/C and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under work order													
No <u>62529</u> Date <u>4-29-86</u>													
Signed <u>Lyle A. Wyse</u>													
for Commercial Aviation Maintenance Division P.O. Box 8, Lake Milton, Ohio 44429 Cert. Repair Station C 65-14													
No <u>6303</u> Date <u>5-28-86</u>													
Signed <u>Lyle A. Wyse</u>													
for Commercial Aviation Maintenance Division P.O. Box 8, Lake Milton, Ohio 44429 Cert. Repair Station C 65-14													
BROUGHT FORWARD													
TOTALS													



## ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
71 70	Engine #		Prog #3			2 45 007R					Engine	Serial # 24507R	
	I certify that this		Inspection in accordance with current Federal Aviation Regulations and manufacturer's specifications and manuals and was found airworthy for return to service. Tach or hour meter time			Inspection in accordance with current Federal Aviation Regulations and manufacturer's specifications and manuals and was found airworthy for return to service. Tach or hour meter time							
	2997.0		total time 821.0 Tsmolt										
	Oil changed, brand Aeroshell weight 100W												
	Det. <input checked="" type="checkbox"/> Non-Det. <input type="checkbox"/>												
	Filter replaced, screens cleaned. Differential compression taken No. 1 cyl. 71/80 No. 2 cyl. 67/80 No. 3 cyl. 71/80 No. 4 cyl. 71/80 No. 5 cyl. 71/80 No. 6 cyl. 71/80. Engine operation preflight completed.												
	Filter replaced, screens cleaned. Differential compression taken No. 1 cyl. 72/80 No. 2 cyl. 67/80 No. 3 cyl. 60/80 No. 4 cyl. 72/80 No. 5 cyl. 67/80 No. 6 cyl. 66/80. Engine operation preflight completed.												
	Install New Fuel Injector Bracket PN 641643.												
<b>"MAINTENANCE RELEASE"</b>													
The A/C and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under work order													
No. 6356 Date 6-18-86													
Signed Kyle C. Weise													
<b>"MAINTENANCE RELEASE"</b>													
The A/C and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under work order													
No. 6444 Date 7-30-86													
Signed Kyle C. Weise													
BROUGHT FORWARD for Commercial Aviation Maintenance Division P.O. Box 8, Lake Milton, Ohio 44129 TOTALS						for Commercial Aviation Maintenance Division P.O. Box 8, Lake Milton, Ohio 44429 Cert. Repair Station C 65-14							

# ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME	REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.			
										I certify that this <u>Engine</u> serial # <u>245077R</u> has been inspected in accordance with current Federal Aviation Regulations and manufacturer's specifications and manuals and was found airworthy for return to service. Tach or hour meter time <u>3177.6</u> total time <u>1001.6</u> 80 oil changed, brand <u>Aeroshell</u> weight <u>100w</u>		
										Filter replaced, screens cleaned, Differential compression taken No. 1 cyl. <u>65</u> No. 2 cyl. <u>70</u> No. 3 cyl. <u>65</u> No. 4 cyl. <u>70</u> No. 5 cyl. <u>65</u> No. 6 cyl. <u>65</u> Engine operation procedure completed.		
										Removed cyl #2. Replaced Guides & Ex. Valve. Hone cyl & Install w/ New Rings. Run up.		
										<b>"MAINTENANCE RELEASE"</b> The A/C and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under work order No. <u>6516</u> Date <u>9-9-86</u>		
										Signed <u>Lyle A. Wyse</u> for Commercial Aviation Maintenance Division P.O. Box 8, Lake Milton, Ohio 44429 Cert. Repair Station C 65-14		
										The A/C and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under work order No. <u>6611</u> Date <u>10-24-86</u>		
										Signed <u>Lyle A. Wyse</u> for Commercial Aviation Maintenance Division P.O. Box 8, Lake Milton, Ohio 44429 Cert. Repair Station C 65-14		
BROUGHT FORWARD												
TOTALS												

# ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
<p><del>I certify that this <u>ENGINE</u> serial # <u>245077K</u> has been inspected for a <u>PROG #3</u> inspection in accordance with current Federal Aviation Regulations and manufacturer's specifications and manuals and was found airworthy for return to service. Tach or hour meter time <u>3205.2</u> total time <u>1029.2</u></del></p>													
<p><del>Oil changed, brand <u>Aeroshell</u> weight <u>80</u></del></p>													
<p><del>Det. <u>Non-Det.</u> <input checked="" type="checkbox"/></del></p>													
<p><del>Filter replaced, screens cleaned. Differential compressor</del></p>													
<p><del>El. <u>No. 1 cyl. /80</u> No. 2 cyl. /80 No. 3 cyl. /80</del></p>													
<p><del>/80 No. 4 cyl. /80 No. 5 cyl. /80 No. 6 cyl.</del></p>													
<p><del>/80 Engine operation preflight completed.</del></p>													
<b>"MAINTENANCE RELEASE"</b>													
<p><del>The A/C and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under work order</del></p>													
<p><del>No. <u>6682</u> Date <u>11-21-86</u></del></p>													
<p><del>Signed <u>Lyle A. Wypa</u></del></p>													
<p><del>for Commercial Aviation Maintenance Division</del></p>													
<p><del>BROUGHT FORWARD, Lake Milton, Ohio 44429</del></p>													
<p><del>TOTAL Repair Station C 65-14</del></p>													
<p>I certify that this <u>ENGINE</u> serial # <u>245077K</u> has been inspected for a <u>PROG #4</u> inspection in accordance with current Federal Aviation Regulations and manufacturer's specifications and manuals and was found airworthy for return to service. Tach or hour meter time <u>3256.0</u> total time <u>1080.2</u></p>													
<p>Oil changed, brand <u>AEROSHELL</u> weight <u>65</u></p>													
<p>Det. <u>Non-Det.</u> <input checked="" type="checkbox"/></p>													
<p>Filter replaced, screens cleaned. Differential compressor</p>													
<p><u>No. 1 cyl. 70/80</u> No. 2 cyl. <u>73/80</u></p>													
<p><u>+ 80</u> No. 3 cyl. <u>67/80</u> No. 5 cyl. <u>66/80</u> No. 6 cyl.</p>													
<p><u>64/80</u> operation only</p>													
<p><u>REMOVED #3 CYL REPLACED GUIDES + EY VALVE</u></p>													
<p><u>INSTALL NEW RING, HONK CYL &amp; REGROUND SEATS RAN UP</u></p>													
<p><u>C/N AID 78-09-07R, INSP. OF EMPULSE COUPLING SB594B</u></p>													
<b>"MAINTENANCE RELEASE"</b>													
<p>The A/C and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under work order</p>													
<p>No. <u>6754</u> Date <u>12-24-86</u></p>													
<p>Signed <u>Lyle A. Wypa</u></p>													
<p>for Commercial Aviation Maintenance Division</p>													

# ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
Hobbs	3296.1										4055.3	23.2	Changed oil + checked oil screen for contamination. Replaced SPARK PLUGS used 12 qts Aeroshell 160w oil RUN UP; OK NO LEAKS Thomas W Tiplant 277609320
<b>"MAINTENANCE RELEASE"</b>													
The A/C and/or component identified above was repaired and inspected in accordance with Federal Aviation Regulations and was found to be in accordance with the requirements of the Federal Aviation Regulations and was found to be in accordance with the requirements of the Federal Aviation Regulations.													
No.	6809												
Signature	Lyle G. Wyse												
for	Aviation Maintenance												
	3, Lake Milton, Ohio												
	Repair Station C 65												
Hobbs	3357.8												Changed oil & checked filter for contamination. Used 12 qts Aeroshell 80w, Checked for leaks. Thomas W Tiplant 277609320
BROUGHT FORWARD													
TOTALS													

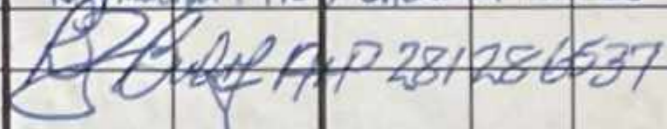
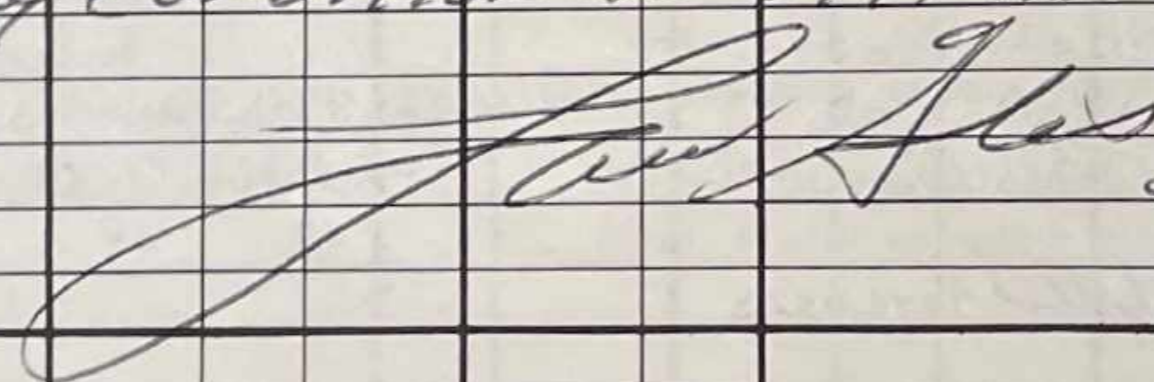
I certify that this ENGINE serial # 245097R has been inspected for an ANNUAL inspection in accordance with current Federal Aviation Regulations and manufacturer's specifications and manuals and was found airworthy for return to service. Tac or hour meter time 3455.1 total time 1279.3

Oil changed, brand AEROSHELL weight 160W  
 Det.  Non-Det.   
 Filter replaced, screens cleaned. Differential compression taken No. 1 cyl. 68/80 No. 2 cyl. 75/80 No. 3 cyl. 73/80 No. 4 cyl. 70/80 No. 5 cyl. 60/80 No. 6 cyl. 61/80. Engine operation preflight completed.

# ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
											10-28-87		
											Hobbs 3568.8	Changed oil and checked screen for contamination, cleaned and replaced spark plugs. Used 12 qts Aeroshell 80W oil. Run up OK - NO LEAKS	
<b>"MAINTENANCE RELEASE"</b>													
<p>The A/C and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under work order No. <u>7098</u> Date <u>7-1-87</u></p> <p>Signed <u>[Signature]</u></p> <p>for Commercial Aviation Maintenance Division P.O. Box 8, Lake Milton, Ohio 44429 Cert. Repair Station C 85-14</p>													
											12-6-87		
											Hobbs 3732.4	Changed oil and checked screen for contamination. Used 12 qts Aeroshell 80W oil. Run-up OK. NO LEAKS	
												Thomas W Lufford 277609320	
											9-8-87		
											Hobbs 3586.8	Changed oil and checked screen for contamination, cleaned and replaced spark plugs. Used 12 qts Aeroshell 80W oil. Run up OK. NO LEAKS	
												Thomas W Lufford 277609320	
											12/24/87		
											3741.5 Hobbs	#1-62/80 #3-72/80 #5-46/80	
												#2 #4 #6	
BROUGHT FORWARD													
TOTALS													

# ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
2 March 1988	Engine inspected for Annual Oil Changed to Aeroshell W50, Spark Plugs Cleaned, Fuel Nozzles cleaned ultrasonically and flow checked.												
3747.1	Baffles repaired, Spark plug leads repaired, New Brackett BA7605 air filter assembly installed, Complies with AD 84-26-02 next due 4247.1												
Engine TSFRM	Bendix Mag Switches Tested to C/W AD 76-07-12 next due 3847.1, Magneto's replaced with OSOH P/N 10-349350-4 and -5 / T.W. Smith W/O												
1571.1 hrs	955.2 / 955.4 Tags Attached, C/W AD 78-09-07R2 next due 4247.1, Cylinders 5+6 removed and repaired by T.W. Smith Engine Co. W/O 5-1444												
Since TDI 989.3	Tag attached, AD's Checked thru 88-4												
	 Paul Jones 281286537												
3-2-88 I certify that this engine has been checked in accordance with FAR FOR Annual Insence & was determined to be in Airworthy Condition at 3747 hrs on the HR Meter													
 Paul Jones IA 266400													
BROUGHT FORWARD													
TOTALS													

# ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
5-3-89	Engine Inspected for Annual, Oil Changed, Screen Cleaned								11	05	Aeroshell W 50		
Hobbs 3783	Plugs Cleared, Filters Checked												
Engine TSFRM 1607.0	Bendix Mag Switches Tested to C/W AD 76-07-12 Next Due								3	88	3.0		
	Air Filter AD 84-26-02 due 4247.1												
Since TDI 1025.2	Bendix Impulse AD 78 09 07 RZ next due 4247.1												
	Engine is Airworthy												
	J. B. [Signature]												
<p>5-7-89 I CERTIFY THAT THIS ENGINE HAS BEEN CHECKED IN ACCORDANCE WITH FAA FOR ANNUAL LICENSE &amp; WAS DETERMINED TO BE IN AIRWORTHY CONDITION AT 3783 HOURS ON THE HR METER</p>													
<p style="font-size: 2em;">[Signature]</p>													
<p>FAA 266400</p>													
BROUGHT FORWARD													
TOTALS													





## ENGINE LOG

DATE	LOGBOOK ENTRY	SIGNATURE	LICENSE NUMBER
May 16, 1990	<p>Total Time- 1629.0 T.S.O.- 0.0</p> <p>Continental IO-470-L(21) S/N- 245077-R Work Order- CAS-40</p>		
	<p>Engine given routine major overhaul. Cermicrome plated cylinders. All applicable A.D.'s checked thru issue 90-08. On Magneto S/N 8005356T and 847181T, C/W Bendix A.D. 78-09-07R3, adm. 39-4538 by inspection of impulse couplings I.A.W. S.B.599C-Both OK(DUE EVERY 500hrs.). For pertinent details of overhaul, reference W.O. CAS-40 this agency. Engine block tested and determined airworthy. Accessories overhauled or supplied with engine: New M2216 Slick Harness, 12ea. New RHB-32E Champion Spark Plug, New 646275 Starter S/N R-139008, T.C.M. Rebuilt Fuel System P/N 649056A6, Alternator ALT-8420, Overhauled, S/N 0022-059. END.....</p>		

*Clydesdale Aircraft Corps*

3850 E. 5th AVE.

COLUMBUS, OHIO

Approved Repair Station No. 2723

*William Lent*

AUTH. SIG.

BROUGHT

# ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
7-1-00 4006.0	Annual / OC 100W / Camp OK /										Eng Driven Fuel Pump Oil - Select	Mike Groh	
11-15-04											Mags, Harness, Plugs replaced with new Slick Kit		

## BAILEY'S AIRCRAFT SERVICE

256 SOUTH MAIN ST. ~ PLEASANT GAP PA. 16823

CONTINENTAL 0-470L TIME 425.0 RT ENGINE LOG N3WJ

INSPECTED ENGINE I.A.W. A 100 HR. ANNUAL INSPECTION PER FO  
 FOLLOWING MAINTENANCE. REPLACED LT REAR ENG MOUNT P/M  
 REPLACED FUEL PRESSURE LINE FROM SPIDER TO FIRE WALL WI  
 FIRE SLEEVE. OIL AND FILTER CHANGED .SERVICED WITH 15W50  
 CLEANED AND GAP, D ALL SPARK PLUGS. C.C 1.70 2. 72 3. 75 4. 73 5

**I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A ANNUAL INSPECTION, AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.**

SIG  
 DAT  
 A&I

BROUGH

TOTALS

PREVACID<sup>®</sup>

LANSOPRAZOLE



SLICK MAG KIT

RH ENG

11/15/04



**Mac Air Services 140 North Valley Rd. Xenia, OH 45385**

<b>RIGHT ENGINE</b>	Continental IO-470-L21	<b>HOBBS</b>	4,339.7
<b>SN#</b>	245077-R	<b>TSN</b>	2164.6
<b>Date</b>	3 June 2012	<b>TSO</b>	535.6

LICENSE NUMBER

DATE

R.P.M.

Ground

Air

**N3WJ**

**Description**

- (1) Performed **100 HR/ ANNUAL RIGHT** engine insp IAW Beech 95B-55 service manual & insp checklist.
- (2) Removed oil and filter. Cut open filter; no defects noted. Serviced w/ 10qts. Aeroshell 100W oil & AA48108-2 filter.
- (3) Removed and cleaned all spark plugs and fuel injectors.
- (4) Replaced air filter, p/n Brackett BA-7610 assy.
- (5) Removed, inspected, and re-timed mags.
- (6) Replaced all rocker cover gaskets, p/n 534857.
- (7) Installed timing indicator.
- (8) c/w **AD 2012-03-06 , AFS Fuel Servo Diaphragm**, Engine not in referenced time frame, this AD n/a.
- (9) Researched & CW all AD's. See compliance records.
- (10) Operational and leak tests satisfactory. Aircraft approved for return to service.
- (11) I certify that this engine has been inspected IAW a **100 HR/ANNUAL** inspection and was determined to be in an airworthy condition.

**Compressions**

71/80

74/80

72/80

72/80

72/80

72/80

**Russ Smith**

**Joseph Callewaert**

A&P 3532713

A&P 2761630 IA

BROUGHT FORWARD

TOTALS

# ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
<div data-bbox="1157 494 1825 574" data-label="Section-Header"> <h2 style="margin: 0;">Aviation Sales, Inc.</h2> </div> <div data-bbox="1083 574 1869 630" data-label="Text"> <p style="margin: 0;">10600 Springboro Pike Miamisburg, OH 45342</p> </div> <div data-bbox="2270 399 2552 558" data-label="Image"> </div> <div data-bbox="400 670 667 790" data-label="Text"> <p style="margin: 0;"><b>N3WJ</b> <b>HM: 385.4</b></p> </div> <div data-bbox="2003 662 2270 718" data-label="Text"> <p style="margin: 0;"><b>11/13/2012</b></p> </div> <div data-bbox="593 813 2285 925" data-label="List-Group"> <ol style="list-style-type: none"> <li>1. Changed oil and filter. Inspected filter and no defects noted. Serviced with Aeroshell 80W oil.</li> <li>2. Ground run and leak checked good.</li> </ol> </div> <div data-bbox="593 949 2389 1061" data-label="Text"> <p style="margin: 0;">I certify that the above work has been completed in accordance with current FAA regulations and this aircraft is approved for return to service.</p> </div> <div data-bbox="1127 997 2151 1101" data-label="Text"> <p style="margin: 0;"><i>[Signature]</i> <u>AP3567289</u></p> </div>													
<div data-bbox="103 1364 489 1420" data-label="Text"> <p style="margin: 0;">BROUGHT FORWARD</p> </div> <div data-bbox="281 1428 460 1484" data-label="Text"> <p style="margin: 0;">TOTALS</p> </div>													





# ENGINE LOG



## Aviation Sales, Inc.

10600 Springboro Pike Miamisburg, OH 45342

**N3WJ**  
**HM: 4499.0**  
**RH Engine**

**07/11/2014**  
**ACTT: 5050.8**  
**Engine TSO: 694.9**

1. Completed annual inspection in accordance with FAR 91.409 using the Raytheon 55 maintenance manual as a guide and this aircraft has been determined to be airworthy.
2. Changed oil and filter. Inspected filter and no defects noted. Serviced with Aeroshell 100W oil.
3. Compressions: 1-78/80, 2-73/80, 3-79/80, 4-77/80, 5-78/80, 6-78/80.
4. Cleaned all fuel nozzles.
5. AD's checked for compliance thru current issue.
6. All work completed in accordance with the Raytheon 55 maintenance manual.
7. Ground run and checked good.

I certify that the above described work has been completed in accordance with current FAA regulations and the aircraft and/or appliance is approved for return to service.

*Joseph Wholly* IA02633FC

DATE

BROUGHT FORWARD

TOTALS

SIGNATURE

LICENSE NUMBER



# ENGINE LOG

DATE

Group

P.M.		TIME ON GROUND			TIME IN AIR		TOTAL TIME	REPAIRS - ADJUSTMENTS
HR.	MIN.	HR.	MIN.	TOTAL	HR.	MIN.		

LICENSE NUMBER



## Aviation Sales, Inc.

10600 Springboro Pike Miamisburg, OH 45342

**N3WJ**

**HM: 4569.7**

**Right Engine TSO: 765.6**

**08/06/2015**

**ACTT: 5121.5**

1. Completed annual inspection in accordance with FAR 91.409 using the Raytheon 55 maintenance manual as a guide and this engine has been determined to be airworthy.
2. Changed oil and filter. Inspected filter and no defects noted. Serviced with Aeroshell 100W oil.
3. Compressions: 1-78/80, 2-75/80, 3-76/80, 4-78/80, 5-76/80, 6-76/80.
4. AD's checked for compliance thru current issue.
5. All work completed in accordance with the Raytheon 55 maintenance manual.
6. Ground run and checked good.

I certify that the above described work has been completed in accordance with current FAA regulations and the aircraft and/or appliance is approved for return to service.


*[Handwritten Signature]*  
1A285657

BROUGHT FORWARD

TOTALS



# ENGINE LOG

DATE	P.P.M.		TIME ON GROUND			TIME IN AIR		TOTAL TIME		REPAIRS - ADJUSTMENTS		JRE	LICENSE NUMBER
	Ground	Air	Hour	Min.	Total	Hour	Min.	Hour	Min.				
										<b>Aviation Sales, Inc.</b> 10600 Springboro Pike Miamisburg, OH 45342			
													
										<b>08/15/2016</b> <b>ACTT: 5200.2</b>			
										<b>N3WJ</b> <b>HM: 4648.4</b> <b>Right Engine TSO: 844.3</b>			
										<ol style="list-style-type: none"> <li>1. Completed annual inspection in accordance with FAR 91.409 using the Raytheon 55 maintenance manual as a guide and this engine has been determined to be airworthy.</li> <li>2. Compressions: 1-78/80, 2-78/80, 3-79/80, 4-78/80, 5-74/80, 6-74/80.</li> <li>3. Changed oil and filter. Inspected filter and no defects noted. Serviced with AeroshellW100 oil.</li> <li>4. Removed, cleaned, and reinstalled fuel nozzles.</li> <li>5. AD's checked for compliance thru current issue.</li> <li>6. All work completed in accordance with the Raytheon 55 maintenance manual.</li> <li>7. Ground run and checked good.</li> </ol>			
										I certify that the above described work has been completed in accordance with current FAA regulations and the aircraft and/or appliance is approved for return to service.			
										 Jan Wally TA7263350			
										BROUGHT FORWARD			
										TOTALS			

# ENGINE LOG

DATE	R.P.M.		TIME ON GROUND	TIME IN	REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air					

CENTERLINE AIRCRAFT, LLC  
15290 NORTH 78<sup>TH</sup> WAY  
SCOTTSDALE AZ 85260  
602-300-3791

Hobbs: 685.4  
TC-1713 DATE: 2-10-2017  
S/N: 245077-R  
S/N: 245077-R  
S/N: 245077-R  
S/N: 245077-R

CHANGED OIL AND FILTER AS 15W50 AND CH48108-1.  
CLEANED ENGINE AND PERFORMED LEAK CHECK.


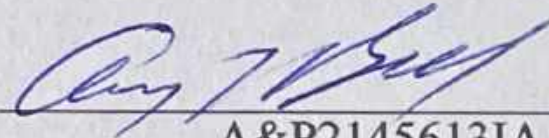
- 1. CERTIFY THIS AIRCRAFT ENGINE HAS BEEN INSPECTED AND OR
- 2. REPAIRED IAW FAA REGULATIONS AND FOR THE WORK PERFORMED IS APPROVED FOR RETURN TO SERVICE.

*[Signature]*  
LARRY AFANA  
AP 3643646





# ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER				
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.							
<div style="border: 2px solid red; padding: 10px;"> <p><b>Reg. No. - N3WJ   Rt Engine   TCM IO-470-L   S/N 245077      Date - 2/2/20</b></p> <p>I certify that this <b>Engine</b> has been inspected in accordance with a <b>100 Hour Inspection</b> and determined to be in airworthy condition at this time. Complied with Inspection checklist as per Appendix D to Part 43. For AD compliance, see recurring AD sheets and AD listing.</p> <p><b>Compressions: #1 78/80, #2 78/80, #3 78/80, #4 78/80, #5 78/80, #6 78/80</b>  <b>Drained oil, replaced filter with CH48108-1, added 11 Qts Aero Shell 15W50 oil, checked Mag. timing, cleaned and gapped plugs, cleaned injectors. Engine run and leak check good.</b></p> <p><i>Flight Sport Aviation, LLC</i>  <i>Anthony Bell A&amp;P, IA</i></p> <div style="display: flex; justify-content: space-between; align-items: center;">  <div style="text-align: right;"> <p>Authorized Signature </p> <p>A&amp;P2145613IA</p> </div> </div> <div style="border: 1px solid black; padding: 5px; margin-top: 10px; width: fit-content; float: right;"> <table style="border-collapse: collapse;"> <tr> <td style="padding: 2px 5px;"><b>Hobbs</b></td> <td style="padding: 2px 5px; text-align: right;"><b>4777.8</b></td> </tr> <tr> <td style="padding: 2px 5px;"><b>TSMOH</b></td> <td style="padding: 2px 5px; text-align: right;"><b>973.7</b></td> </tr> </table> </div> </div>														<b>Hobbs</b>	<b>4777.8</b>	<b>TSMOH</b>	<b>973.7</b>
<b>Hobbs</b>	<b>4777.8</b>																
<b>TSMOH</b>	<b>973.7</b>																
BROUGHT FORWARD																	
TOTALS																	

# ENGINE LOG

DATE


CENTERLINE AIRCRAFT, LLC  
602-300-3791

N3WJ BEECH 95-B55 S/N:TC-1713 3/01/2021  
HOBBS: 4799.4 AFTT: 5350.8 RH  
SMOH: 995.3

PERFORMED THE FOLLOWING ITEMS:

1. 100 HR INSPECTION.
2. CHANGED OIL & FILTER, AS100PLUS & CH48108-1.
3. COMPRESSION 1/77 2/70 3/76 4/73 5/70 6/74
4. R&R CYL 2 REPLACE RINGS CLEAN AND LAP VALVES.
5. REPLACE LIFTERS
6. WASHED ENGINE AND PERFORMED LEAK CHECK AFTER GROUND RUN.
7. AD'S CHECKED THROUGH 2021-05.

I CERTIFY THIS ENGINE HAS BEEN INSPECTED AND OR REPAIRED  
IN ACCORDANCE WITH THE FEDERAL AVIATION REGULATIONS AND FOR THE WORK PERFORMED IS  
AIRWORTHY AND APPROVED FOR RETURN TO SERVICE.

  
LARRY ATANA  
AP 3643646

ADJUSTMENTS

SIGNATURE

LICENSE  
NUMBER

BROUGHT FORWARD

TOTALS



REPAIRS - ADJUSTMENTS

SIGNATURE

LICENSE NUMBER

Reg. # N3WJ R/H Engine TCM IO-470-L S/N 245077-R

Date: 4-22-2021

Hobbs: 4806.7

AFTT: 5358.1

SMOH: 1002.6

Removed #2 Cylinder assembly From R/H Engine and installed Cylinder PWR Assy, Short Reach  
P/N SA47006-A21P S/N 476S00001333 IAW TCM IO-470 Maintenance Manual.

Ground run and leak checked.

Erik Sharp A&P 2805953

BROUGHT FORWARD

TOTALS

Note: This easily resolves following error.

# ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
<div style="font-size: 2em; font-weight: bold; margin-bottom: 10px;">N3WJ</div> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>DATE-4-20-21 RIGHT ENGINE HOBBS-4806.0</p> <p>REMOVED ALTERNATOR DUE TO NON CHARGING. REPLACED WITH O/H UNIT FROM AIRCRAFT SPRUCE, PART NO. ALT 8020R. REPLACED ALT. BELT AND MOUNTING BOLT AND NUT. REPLACED FUEL HOSE FROM FUEL DIST. TO FUEL SERVO. ORIGINAL HOSE WAS NEARLY CUT INTO DUE TO CHAFING ON THE AIR INLET BOX. REPLACED ALL 12 SPARK PLUGS WITH URHB32E TEMPEST PLUGS. PERFORMED 500 HOUR INSPECTION ON BOTH SLICK MAGNETOS. CLEANED DIST. BLOCKS AND ROTORS AND INSTALLED NEW POINT KITS IN BOTH MAGS. GROUND RAN ENGINE AND NOTED ENGINE STILL RUNNING ROUGH, COMPRESSION CHECK REVEALED NO.2 CYL HAD EXCESSIVE EXHAUST VALVE LEAKAGE. ENGINE NOT APPROVED FOR RETURN TO SERVICE. OWNER MADE ARRANGMENTS FOR CYL. REPLACEMENT BEFORE NEXT FLIGHT.</p> <p style="text-align: center;"><i>Lyndon K. Wilson Sr.</i> LYNDON K. WILSON SR. A&amp;P 3439134 I/A</p> </div> <div style="width: 45%; text-align: right;"> <p>CONT. 10470</p> </div> </div>													
<p>BROUGHT FORWARD</p> <p>TOTALS</p>													

*NOTE: Previous Entry (in wrong Date Order) Corrects this Entry.*

# ENGINE LOG

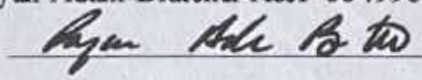
DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
7/12/2021	—	—	—	—	—	new	Hobbs	Time	30.5	—	—	—	—

New Oil filter AA8108-2 Tempest  
 and 11 Qts 20W50 oil.  
 No Meter observed in filter  
 52 hrs since last Oil Change  
 - Owner Accomplished Air Task 14CFR43

### N3WJ RH Engine Entry

Date: 11/20/21 Hobbs: 70.9  
 TCM IO-470-L (21) S/N 245077-R TTSN: 2716.6  
TSO: 1087.6  
 C/W 100HR inspection IAW FAR 43.D checklist. C/W compression checks #1 72/80 #2 72/80 #3 69/80 #4 67/80  
 #5 66/80 #6 69/80, MOR 46/80. Removed, cleaned, serviced and reinstalled spark plugs. Removed, cleaned &  
 re-installed all 6 fuel injectors. Drained oil. Removed, cut & inspected oil filter, no defects noted. Installed new  
 Tempest oil filter P/N AA48108-2 & serviced sump w/9.5 qts of Phillips XC20W50 oil. Timed both mags to engine.  
 Ground ran, ops & leak check good.

I CERTIFY THIS ENGINE IS IN AIRWORTHY CONDITION IN REGARDS TO WORK PERFORMED  
 AND IS APPROVED FOR RETURN TO SERVICE.

Ryan Adam Bratcher A&P 3349981 IA  


BROU

DATE

R.P.M.

Ground

A

Part Name

PROPELLER GOVERNOR Assy.Model No. 210666Ser. No. 1431650 L

The Aircraft, Airframe, Aircraft Engine, Propeller or Appliance identified above was repaired and 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

Work Order No. 65401Date 9-10-84

Signed

Wallace B. Walter

SENSENICH CORP., Lancaster, Pa. 17604 — Cert. No. 3528

Form R-2

W3A-3

LICENSE  
NUMBER

44451D

BROUGHT FORWARD

TOTALS

DATE

Mfg. PRESTOLITE

Part No. ALT8420

Serial No. 0022059

ESI P/N 01610

Model \_\_\_\_\_

**ALTERNATOR**

**MAINTENANCE RELEASE**

The aircraft, airframe, aircraft engine, propeller, or appliance identified above was overhauled and inspected in accordance with Current Regulations of the Federal Aviation Administration and is approved for return to service.

Pertinent details of the overhaul are on file at this repair station under:

Work Order No. 8916

Date 02/28/90



**ELECTROSYSTEMS, INC.**

Signed: *Thomas Russell*

P.O. Box 273      205/227-8306      TWX 810-744-3450

FORT DEPOSIT, AL 36032 U.S.A.

F.A.A. APPROVED REPAIR STATION NO. UT2R226L

TORS

EM


ce with  
of parts



**TELEDYNE CONTINENTAL MOTORS**  
**Aircraft Products Division**

P. O. BOX 90, MOBILE, ALABAMA 36601

Form No. X30511



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