

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
4-10-77	Brought Forward →	Tact 030.50		Changed Oil CH 48110 Oil Aero Shell Oil.
4-21-77		T.T. 51.07		installed
5-17-77		TACH 89.67 HRS		8 Qt. 40 Wt. Shell
Removed Left MAG S/N 6090464 & INSTALLED New MAG S/N 6030003 (Slick)				Un Companded.
		Richard R. Moley A# P 1349315 IA		1 qt CH 48110 Oil Filter
Total To Carry Forward				

and Remarks	Signature	Certificate No.
9 installed New Filter Used 40 wt Non. Compound Engine A + P 543645716 Gary Schreiber		
I CERTIFY THAT THIS <u>Engine</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>50 Hr</u> INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. DATE <u>4-20-77</u> T.T. IN SERVICE <u>51.07</u> SIGNATURE <u>Gary Schreiber</u> # <u>A + P 543645716</u>		

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
5-23-77	Brought Forward →	TACH 100.2 Hrs		ANNUAL INSPECTION SERVICED ENGINE WITH NEW OIL FILTER & INS INSPECTION Performed Per ADS Researched & None
				I certify that this engine has been inspected in accordance with a <u>ANNUAL</u> inspection and was determined to be in air- worthy condition. Signed <u>Richard H. Miley</u> AEP 1349315 JA
Total To Forward				

and Remarks	Signature	Certificate No.																					
8 QTS. AeroShell 50 WT. INSTALLED TESTED OLD FILTER FOR CONTAMINATION. Piper INSPECTION REPORT #750602. Apply. <table><tr><th colspan="6">COMPRESSION CHECK</th><th>HOT</th></tr><tr><th># 1</th><th># 2</th><th># 3</th><th># 4</th><th># 5</th><th># 6</th><th></th></tr><tr><td>75/80</td><td>79/80</td><td>74/80</td><td>79/80</td><td>180</td><td>180</td><td></td></tr></table> 5-23-77 RM	COMPRESSION CHECK						HOT	# 1	# 2	# 3	# 4	# 5	# 6		75/80	79/80	74/80	79/80	180	180			
COMPRESSION CHECK						HOT																	
# 1	# 2	# 3	# 4	# 5	# 6																		
75/80	79/80	74/80	79/80	180	180																		

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
5-26-77	Brought Forward →		I certify that this <u>Engine</u> <u>Has Been</u>	
6/27/77	152.96	845.5001 845.5001 2448.1121	inspected in accordance with <u>SOH</u> in specification and was determined to be in airworthy condition.	
			<u>Richard L. Mabery</u> RICHARD L. MABERY AGP 1349315 1A	
7/30/77	TACH 211.5		CHANGED OIL AND FILTER	
			COMPRESSION CHECK: 1) $\frac{75}{80}$	
			1 CERTIFY THAT THIS	
			IN ACCORDANCE WITH	
			WAS DETERMINED TO BE	
Total To				
Carry Forward				

and Remarks	Signature	Certificate No.
SERVICED WITH AEROSHELL 50 COMP		
2) $\frac{75}{80}$ 3) $\frac{75}{80}$ 4) $\frac{76}{80}$		
ENGINE HAS BEEN INSPECTED		
A 100 HOUR INSPECTION AND		
IN AIRWORTHY CONDITION Paul St. Agapou		AP55192117

[illegible]

and Remarks	Signature	Certificate No.
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Certificate No.

#1 #2 #3 #4 #5 #6

#1	#2	#3	#4	#5	#6
71/80	89/80	76/80	79/80	1/80	1/80

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
3-13-78	Brought Forward →	450.3	450.3	See the Inspection
	Oil	Changed - New Filter Installed		
	"I certify that this <u>Engine</u> has been inspected in accordance with <u>SO the</u> in-spection and was determined to be in airworthy condition."			
	<u>Richard L. Mabery</u> RICHARD L. MABERY A&P 1349315 1A			
Total To				
Carry Forward				

and Remarks	Signature	Certificate No.
CHANGED OIL (SHELL 50 COMP.) INSTALLED NEW OIL FILTER		
DATE: <u>4/31/78</u> TACH. <u>505.3</u>		
"I certify that this <u>ENGINE</u> has been inspected in accordance with <u>ANNUAL</u> inspection and determined to be in Airworthy condition at this time." Pertinent information on File on W. O. # <u>459</u> at North Star Aviation, Redding, California.		
<u>James E. Stinger</u>		
<u>7800215525128</u>		

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
6-5-78	Brought Forward →		552.3	
Replaced Air Filter, A.C. ATF-16 and Oil Filter CH48110 & Serviced w/ 8 QTS OF DATE: 6-5-78 TACH. 552.3 AeroShell 100				
"I certify that this <u>Engine</u> has been inspected in accordance with <u>SOA</u> inspection and determined to be in Airworthy condition at this time." Pertinent information on File on W. O. # <u>474</u> at North Star Aviation, Redding, California.				
<u>Stanley M. Galt</u> Aero 444-50-1912				
Total To Carry Forward				

and Remarks					Signature	Certificate No.																
<table border="1"> <thead> <tr> <th colspan="4">CYLINDER NO.</th> </tr> <tr> <th>1</th> <th>2</th> <th>3</th> <th>4</th> </tr> </thead> <tbody> <tr> <td>74</td> <td>76</td> <td>71</td> <td>76</td> </tr> <tr> <td>80</td> <td>80</td> <td>80</td> <td>80</td> </tr> </tbody> </table>					CYLINDER NO.				1	2	3	4	74	76	71	76	80	80	80	80		
CYLINDER NO.																						
1	2	3	4																			
74	76	71	76																			
80	80	80	80																			
Replaced oil Filter CH48110 & Serviced 8 QTS AeroShell COMPRESSION CHECK (HOT) DATE: 7-25-78 TACH. 600.8 100																						
"I certify that this <u>Engine</u> has been inspected in accordance with <u>SOA</u> inspection and determined to be in Airworthy condition at this time." Pertinent information on File on W. O. # _____ at North Star Aviation, Redding, California.																						
<u>Stanley M. Galt</u> Aero 444-50-1912																						

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →			
	Changed Oil Filter & Serviced Engine with 8 QTS Aeroshell 100W. DATE: <u>9-20-78</u> TACH. <u>648.74</u> "I certify that this <u>Engine</u> has been inspected in accordance with <u>50 HRC</u> inspection and determined to be in Airworthy condition at this time." Pertinent information on File on W. O. <u>252</u> at North Star Aviation, Redding, California. <u>Richard B. Mabey</u> <u>1349315 IA</u>			
Total To Carry Forward				

and Remarks		Signature	Certificate No.
Replaced AIR & OIL Filter & Serviced w/8 QTS Aeroshell 80W SAE 40			
DATE: <u>10/26/78</u> TACH. <u>700.94</u> "I certify that this <u>Engine</u> has been inspected in accordance with <u>100 hr</u> inspection and determined to be in Airworthy condition at this time." Pertinent information on File on W. O. # <u>795</u> at North Star Aviation, Redding, California. <u>Gay W McCabe</u> ACP/444-50-1912			

CYLINDER NO.			
1	2	3	4
74 80	77 80	73 80	75 80

COMPRESSION CHECK

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →			
REPLACED OIL & AIR FILTERS.				
SERVICED w/8 QTS ACROSKELL 80W SAE 40				
DATE: 12-13-76 TACH. 750				
"I certify that this <u>ENGINE</u>				
has been inspected in accordance with <u>ANNUAL</u>				
inspection and determined to be in Airworthy				
condition at this time." Pertinent information				
on File on W. O. # <u>855</u> at North Star				
Aviation, Redding, California.				

CYLINDER NO.			
1	2	3	4
77	75	74	76
80	80	80	80

To	Hot	COMPRESSION CHECK
Carry Forward		

[illegible]

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance																		
	This Date	Since Major																				
6-16-79	Brought Forward →		792.9 742.9	Replaced Oil &																		
DATE 12-28-79	HOURS 818.79	100 HOUR		TOTAL TIME 818.79. REPAIR ALTERNATOR MOUNTING TO ENGINE. RETIMED LEFT MAG. EXHAUST AND INTAKE SYSTEMS CHECKED.																		
INSPECTION FOR ANNUAL AIRWORTHINESS DIRECTIVES THROUGH 79-25 CHECKED AND ARE LISTED IN REAR OF THIS BOOK. OIL <u>CHANGED</u> , FILTER <u>CHANGED</u> OR OIL SCREEN <u>N/A</u> . PLUGS CLEANED, SET AND TESTED. MAG POINTS, AND TIMING CHECKED. ENGINE IS <u>APPROVED FOR RETURN TO SERVICE</u> <u>Ronald Harris</u> A&E 1156945																						
CYLINDER COMPARISON CHECK AT 80 PSI <table border="1" style="margin: auto;"> <tr> <td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td> </tr> <tr> <td>76</td><td>74</td><td>72</td><td>77</td><td></td><td></td><td></td><td></td><td></td> </tr> </table>					1	2	3	4	5	6	7	8	9	76	74	72	77					
1	2	3	4	5	6	7	8	9														
76	74	72	77																			
I CERTIFY THAT THIS <u>ENGINE</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>ANNUAL</u> INSPECTION AND HAS BEEN DETERMINED TO BE IN <u>AIRWORTHY</u> CONDITION. HOURS <u>818.79</u>																						
DATE <u>12-28-79</u> . BY <u>Ronald Harris</u> Inspection Authorization A&E 1156945																						
Total To Carry Forward																						

and Remarks	Signature	Certificate No.																		
Filter w/8 qts Aeroshell SAE 50 ^{80W}	J Ford																			
DATE 1-6-81 HOURS 917.00 100 HOUR		TOTAL TIME 917.00 ALTERNATOR BELT SHOULD BE REPLACED.																		
INSPECTION FOR ANNUAL AIRWORTHINESS DIRECTIVES THROUGH 80-26 CHECKED AND ARE LISTED IN REAR OF THIS BOOK. OIL <u>CHANGED</u> , FILTER <u>CHANGED</u> OR OIL SCREEN <u>N/A</u> . PLUGS CLEANED, SET AND TESTED. MAG POINTS, AND TIMING CHECKED. ENGINE IS <u>APPROVED FOR RETURN TO SERVICE</u> <u>Ronald Harris</u> A&E 1156945																				
CYLINDER COMPARISON CHECK AT 80 PSI <table border="1" style="margin: auto;"> <tr> <td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td> </tr> <tr> <td>74</td><td>74</td><td>75</td><td>76</td><td></td><td></td><td></td><td></td><td></td> </tr> </table>			1	2	3	4	5	6	7	8	9	74	74	75	76					
1	2	3	4	5	6	7	8	9												
74	74	75	76																	
I CERTIFY THAT THIS <u>ENGINE</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>ANNUAL</u> INSPECTION AND HAS BEEN DETERMINED TO BE IN <u>AIRWORTHY</u> CONDITION. HOURS <u>917</u>																				
DATE <u>1-6-81</u> . BY <u>Ronald Harris</u> Inspection Authorization A&E 1156945																				

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
6-2-80	Brought Forward →	818	864 818	Replaced oil
6-2-80				
1-6-81		917		Replaced Oil *
9-12-81		968		Replaced Oil *
3-29-87				Replaced Oil *
Total To Carry Forward				

Remarks	Signature	Certificate No.
Filter w/8 qts Aeroshell Multigrade	James W Ford	Owner - Pilot
Filter w/8 qts Aeroshell 15W-50	James W Ford	Owner - Pilot
Filter w/8 qts Aeroshell 15W-50	James W Ford	Owner - Pilot
Filter w/7 qts Aeroshell 15W-50	James W Ford	Owner - Pilot

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →			
with A/S	4000 air			
	Total Time	495.8		
	Tachometer	995.8		
I certify that this (aircraft) (engine) has been inspected in accordance with a (annual) (100 hour) inspection and was determined to be in airworthy condition.				
	Dated	3-15-82	W. O. No.	2229
	Signed	<i>Mark C. [Signature]</i>		
	NORTHSTAR AVIATION, INC. REDDING, CALIF.			
	F.A.A. REPAIR STATION 412-1			
Total To				

Engine Time		Recorder Reading
This Date	Since Major	

CHANGED OIL AND FILTER. SERVICE

012	
Total Time	495.8

this (aircraft) (engine) has been inspected in

specimen and was determined to be in airworthy condition.

Dated 3-15-82 W. O. No. 2229

Signed Mark Davis

NORTHSTAR AVIATION, INC. REDDING, CALIF.

F.A.A. REPAIR STATION 412-1

Total To
arry Forward

Certificate No.

Total Time 1087.4

Compression

Tachometer 1087.4

I certify that

this (aircraft) (engine) has been inspected in accordance with a (annual) (100 hour) inspection.

specimen and was determined to be in airworthy condition.

Dated 12/83

W. O. No.

Signed

David

NORTHSTAR AVIATION, INC. REDDING, CALIF.

F.A.A. REPAIR STATION 412.1

272

10

and Remarks	JULY 26, 1986 TACH TIME 1292.0	Signature ACFT TOTAL TIME 1292.0	Certificate No.
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and Remarks	JULY 26, 1986 TACH TIME 1292.0 ACFT TOTAL TIME 1292.0	Signature	Certificate No.
I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS FOUND TO BE IN AIRWORTHY CONDITIONS, CHECKED A/D'S THROUGH 86-11. COMPRESSION OK CYLID #1(73), CYLID #3(75), CYLID #2(72) CYLID #4(75) . JUDITH FRANKLIN-FLYSPIN A4P, T.A. 546962033.			

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →			
3-29-87				Replaced Oil &
Total To Carry Forward				

[illegible]

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
8/23/87	Brought Forward →	TACH 1403-56		
I CERTIFY THIS AIRCRAFT ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND FOUND TO BE IN AIRWORTHY CONDITION, PERFORMED A COMPRESSION CK, ALL CYLINDERS 28/80 AND ABOVE, CHANGED OIL + FILTER, CLEANED PLUGS, REPLACED PROX SPARKER, FWD BULK HEAD, TEST RUN BT OK, Lucien James Jappen DGP, IA, 546962033				
Total To Carry Forward				

[illegible]

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
5/25/88	Brought Forward →		1480.75	
	Cleaned carbinger screen & pump screen. Lucien Francis Flippin A&P 546962033			
6/28/88	REMOVED & REPLACED VACUUM PUMP P/N 211CC Shawn Robert Jones A&P 566271377			
			Total time 1537.7 hours	
			Tach reading 1537.7 I certify that	
			this ENGINE has been inspected in	
			accordance with an annual inspection and	
			was determined to be in airworthy condition	
			Lucien Francis Flippin A&P, IA, 546962033	
Total To Carry Forward			C/W AD'S TO DATE.	

and Remarks	Signature	Certificate No.
12/9/88 TACH 1582.0 REBUILT NOSE STRUT & REPAIRED OLIVE ON LH WING DRAIN. ALSO REPLACED LH MAGNETO WITH NEW ONE. Lucien Francis Flippin A&P 546962033		
12-8-89 Changed oil and filter adding 8qt <u>Shell 40W</u> Compression test cyl. #1. 77/802. 78/803. 78/804. 76/80 Retain both mag to 25° BTDC		
I CERTIFY THAT THIS <u>Engine</u> HAS BEEN INSPECTED IN ACCORDANCE WITH <u>100h Annual</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION DATED <u>12-8-89</u> TOTAL TIME <u>1785</u> HRS. <u>Mark H. Anderson</u> INSPECTION AUTHORIZATION NO. <u>APP20028651A</u>		

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →			
4-5-90	TT 1830.1		Changed oil and filter. Added 87 quart aeroshell 50 weight. Compression test #1 79/80 #2 78/80 #3 76/80 #4 77/80. Mag timing checked. Cleaned fuel pump screen. Cleaned and gapped spark plugs. Ran engine for leak check OK. I certify this engine has been inspected 1 hr a 100 hr inspection and was found to be in an airworthy condition. All AD's cur. to date. Matthew Pope APP4575785	
Total To Carry Forward				

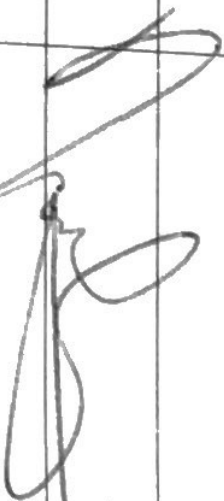
Signature	Certificate No.
4.5.90 TT 1830.1 I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition. Richard A Davis #508723821	
7-1-90 TT 1901.2 Changed oil & filter. Added 7qts Mobil 40-1 50wt. Little W. Vyne	
9-18-99 TT 1988.2 changed oil & filter. Added 7qts Aeroshell W 15W 50 Little W. Vyne	
11-27-90 TT 2066.9 Changed oil & filter - Added 7qts Aeroshell W 15W 50 Little W. Vyne	

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →			
I certify that this aircraft ^{aircraft} has been ^{has been} inspected in accordance with a FAA ^{FAA} actual ^{actual} inspection and was determined to be in airworthy condition. Date <u>4-23-91</u> ^{Technician} <u>2112.8</u> ^{Total Time} <u>2112.8</u> Signed <u>Michael Ayer</u> ^{Cert. #} <u>625 F4BR818D</u> Partinent details of this inspection are on file under work order # <u>4711</u>. DAN DAVIS AVIATION, FAA APPROVED REPAIR STATION # F0068760				
Overhauled	15/50W oil & CH 48110.	Removed spinner & spinner lock plates. Aircraft is certified to fly without spinner & lock plate as per TC/Spec. Replaced ground on aircraft. Replaced air filter fabricated patch on fuel RH baffling. Replaced cabin heat & intake air ducting. Removed mufflers for repair by certified exhaust shop air attached tank. Repaired shape marks on fuel face of propeller.	Performed removal inspection of engine 14U1 Piper prop form. Completion ① 65/80 ② 74/80 ③ 70/80 ④ 74/80	
Total To				
Carry Forward				

[illegible]

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →			
	New log Book			
	STARTED AS OF			
	OVERHAUL			
	3-2-92			
	 APR 17 80 PM			
Total To				
Carry Forward				

[illegible]