


AVCO LYCOMING

ENGINE LOG

 **AVCO** LYCOMING DIVISION

WILLIAMSPORT, PENNSYLVANIA 17701

SSP 1872

ENG-2

AVCO LYCOMING DIVISION
WILLIAMSPORT, PA. 17701 #3

ENGINE LOG AND MAINTENANCE RECORD

RECORD OF Avco Lycoming IO-360-A1B6D RL-18317-51A
MAKE MODEL SERIAL

FROM 7-7-87 19 TO _____ 19 _____

DETAILING TIME FROM 2586.9 HOURS TO _____ HOURS

SSP 1872

June 1972

ENGINE DESCRIPTION

Mfgr. AVCO LYCOMING DIVISION	Place	WILLIAMSPORT, PA. 17701	Date	
Type	Model	10360A1B6D	Serial No. RL-18377-51A	
Rated H.P. 200	Max.H.P.		Weight (Dry)	
Rated R.P.M. 2700	Max. R.P.M.		Oil Pressure	
Bore	Stroke		Displacement	Cu. In.
Compression Ratio 8.7	Supercharger Ratio			
Reduction Gear Ratio				
Propeller McCauley 820340207	Hub Design	77100400	Hub Serial No.	77100400
Blade Design 78TCA-1	Blade Serial No.	56186	Blade Serial No.	B-56183
Max. Hub H.P.	Max. Blade H.P.			
Pitch	Diameter		Length	
Name	R.A. CURTIS			
Address	618 W E / m Bishop Ca 93514			

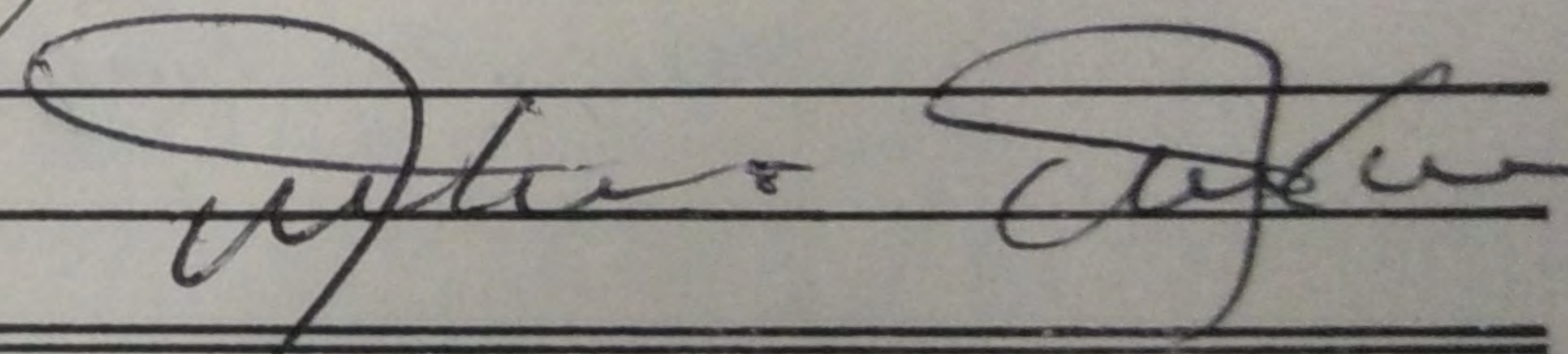
ENGINE LOG SERIAL No. 7

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
7/7/87			TACH 2586.9 SMOH 1044.9 - This engine IO-360-A1B6D 5/N RL-18317-51A torn down this date. Engine Magnaflyed and reground Active Magnetic Inv. 72912 6/25/87. Following parts replaced (1) 13792 Seal (8) LW-13212 MO3 Bearings (4) 51-11020 Bearings (1) 17944 Gasket & Seal Kit (1) LW-11754 Ground Camshaft, (8) 72877 Exc. Tappets (2) 73810 Bushings (8) 71903-A Bushing, (2) LW-10945 Pin Nipples (2) LW-10917 Pin Nipples (16) 51-14820 Circles (4) Cylinders Honed (8) 74241 Rings, (4) 73857 Rings		
			Page Total		
			Brought Forward		
			Total to Date		

All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.

ENGINE LOG

SERIAL No. _____

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
			(8) 60828 Plugs (8) RHM-38E Plugs, (1) 18109-Gear (1) 18110 Gear (1) LW-10342 Oil Pump Housing, (1) DF11A Filter, (1) 73457 Push Rod, (1) 73383 Lockplate, (1) 61084 Oil Spring, (1) 1028-B Ball, (1) LW-10332 Lockplate. A. P. 78-09-07 (JW) Mag, (1) Exc Crankcase Engine Reassembled, run in test cell and released for installation		
			Pacific Continental Engines, Inc. 16041 Arminis Street Van Nuys, CA 91406 FAA Station #4596 (818) 781-4947		
			Page Total		
			Brought Forward		
			Total to Date		

All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.

ENGINE LOG

SERIAL No. _____

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
9/2/87	26	01	Change oil Filter & Air Filter		
9/24	26	22	Inst Fall n. visit Reg - change oil + Filter 50W Min.		
			Invo on File Johnson, Ark.		
10/30	26	53	changed oil & Filter Added - 8-15050 Shell; check plugs		
			Comp deck #1-78, 2-78, 3-76, 4-76. lub T-Front gear ASSEMBLY & FILTERS		

	Page Total
	Brought Forward
	Total to Date

All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.

ENGINE LOG SERIAL No. _____

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
5/25/88			TOT 2657.2 SMOH 1115.2 Cleaned gapped and tested sparkplugs. Inspected oil screen. Compression showed all cylinders satisfactory 1 ⁷⁰ / ₈₀ 2 ⁷⁴ / ₈₈ 3 ⁷⁰ / ₈₀ 4 ⁷² / ₈₀ Ground run & leak check showed satisfactory operation.		

I have inspected this
ENGINE aircraft in accordance with
 a ANNUAL inspection and
 found it to be in airworthy condition.
Mark E. Berry A&I 552295151A

		Page Total
		Brought Forward
		Total to Date

All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.

ENGINE LOG SERIAL No. _____

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
9/14/90			TOTAL 2748.7 5MOH 1206.7 TACH 2748.7 Compression 1 ⁷⁸ /80 2 ⁷⁶ /80 3 ⁷⁷ /80 4 ⁷⁴ /80 Cleaned, gapped and rotated all spark plugs. Inspected old oil filter and installed new. Serviced oil sump with 8 qts 100 grade Chevron Mineral Oil. See back of log for AD compliance. I certify that this Engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition. Mark E. Bemy A#P552295154 IA		
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
			Brought Forward		
			Total to Date		

ENGINE LOG SERIAL No. _____

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
			<p>DATE 9/10/91 <u>10/01/91</u> AIRCRAFT TOTAL TIME <u>28198</u></p> <p>I CERTIFY THAT THIS AIRCRAFT ^{ENG} HAS BEEN INSPECTED IN ACCORDANCE WITH <u>ANNUAL</u> INSPECTION AND WAS DETERMINED TO BE IN "AIRWORTHY CONDITION."</p> <p>SIGNED <u>Miguel J. [Signature]</u></p> <p>CERT. NO. <u>546 827270 BA</u></p>	<p>SMOTT 1704.0</p> <p>comp # 1 $\frac{75}{80}$ #2 $\frac{75}{80}$</p> <p>#3 $\frac{75}{80}$ # $\frac{75}{80}$</p> <p>Replaced induction filter Replaced all plugs FLT BATTERY DUE 9/92 Removed prop for re-shin & installed.</p>	

Page Total	
Brought Forward	
Total to Date	

All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.

ENSE
BER

ELL 1000

ENGINE LOG

SERIAL No. _____

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER																				
	Hrs.	Min.																							
			<p>DATE <u>12/03/93</u> AIRCRAFT/ENGINE TOTAL TIME <u>1476.1</u> TACH TIME <u>3018.1</u> I CERTIFY THAT THIS AIRFRAME/ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH 100 HR/ANNUAL INSPECTION DETERMINED TO BE IN AIRWORTHY CONDITION AT THIS TIME.</p>																						
			<p>SIGNED <u>Michael J. Mann</u> CERT. NO. <u>54602770 IA</u> SOUTHERN AVIATION MAINTENANCE</p>																						
			<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 40%;"></th> <th style="width: 10%;">CYL</th> <th colspan="2" style="width: 20%;">Compression</th> <th style="width: 10%;">TEST</th> </tr> <tr> <th>MAG DUE FOR</th> <th>1</th> <th>2</th> <th>3</th> <th>4</th> </tr> </thead> <tbody> <tr> <td>500 hr ADs AT 3086.9 hrs</td> <td>70</td> <td>76</td> <td>75</td> <td>75</td> </tr> <tr> <td></td> <td>80</td> <td>80</td> <td>80</td> <td>80</td> </tr> </tbody> </table>		CYL	Compression		TEST	MAG DUE FOR	1	2	3	4	500 hr ADs AT 3086.9 hrs	70	76	75	75		80	80	80	80		
	CYL	Compression		TEST																					
MAG DUE FOR	1	2	3	4																					
500 hr ADs AT 3086.9 hrs	70	76	75	75																					
	80	80	80	80																					
			<p>Page Total</p>	<p>All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown. <u>SEE NEXT PAGE</u></p>																					
			<p>Brought Forward</p>																						
			<p>Total to Date</p>																						

ENGINE LOG

SERIAL No. _____

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
			<p style="text-align: right; margin-right: 50px;">1533.2 1959.4</p> <p>DATE <u>12/15/94</u> AIRCRAFT/ENGINE TOTAL TIME _____ TACH TIME <u>3075.2</u> D.IFF comp</p>		
			<p>I CERTIFY THAT THIS AIRFRAME/ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH</p> <p>100 HR/ANNUAL INSPECTION DETERMINED TO BE IN AIRWORTHY CONDITION AT</p> <p>THIS TIME.</p>		<p>#178 # 2^{2P}/₅₀</p> <p># 376 # 470/₅₀</p>
			<p>SIGNED <u>Michael Hoffman</u> _____ CERT. NO <u>546827270 IA</u></p> <p style="text-align: center;">SOUTHERN AVIATION MAINTENANCE</p>		
			<p>DRAINED & SERVICED Oils Aeroshell 50w. Replaced oil filter CRANKED INJECTORS. CLEANED & GAPPED ALL PLUGS. REMOVED MAG FOR 500 HR INSPECTION. SEE YELLOW TAG (NEXT PAGE)</p>		
			<p>Page Total</p>		<p>All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.</p>
			<p>Brought Forward</p>		
			<p>Total to Date</p>		

DATE 08/30/95 ENG. SN#

ENGINE TT ~~2029.4~~ 1630.9

SOH ~~526.0~~ 1630.9

ENGINE N# 2029Q

TACH TIME 3172.90

HOBBS

THIS AIRCRAFT OR COMPONENT HAS BEEN REPAIRED/INSPECTED IN ACCORDANCE WITH FEDERAL AIR REGULATIONS FOR 100 HR / ANNUAL INSPECTION AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE.

DESCRIPTION OF WORK

CHANGE OIL AND OIL FILTER

SERVICED WITH 8 QTS OF AEROSHELL 50W

AD

COMPLIANCE METHOD

NEXT DUE

SIGNED

CERT #

A+P562295826

SOUTHERN AVIATION MAINTENANCE 19711-B CAMPUS DRIVE SANTA ANA 92707 (714) 852-8420

DATE 01/08/96 ENG. SN#RL18317-51A

ENGINE TT ~~2068.9~~ 1643.4

SOH ~~1643.4~~ 2068.9

ENGINE IO360-A1B6D

N# 2029Q

TACH TIME 3185.40

HOBBS ~~598.5~~

THIS AIRCRAFT OR COMPONENT HAS BEEN REPAIRED/INSPECTED IN ACCORDANCE WITH FEDERAL AIR REGULATIONS FOR ~~100118~~ / ANNUAL INSPECTION AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE.

DESCRIPTION OF WORK

AD

COMPLIANCE METHOD

NEXT DUE

#1 76/80 #2 77/80 #3 77/80 #4 76/80

CHANGE OIL & OIL FILTER

SERVICE WITH 8 QTS OF AEROSHELL 50W

R&R AIR FILTER P/N BA-8

CLEAN & GAP ALL SPARK PLUGS

SIGNED *Michael Hoffman*

CERT # 54682 7270 IA

SOUTHERN AVIATION MAINTENANCE 19711-B CAMPUS DRIVE SANTA ANA 92707 (714) 852-8420

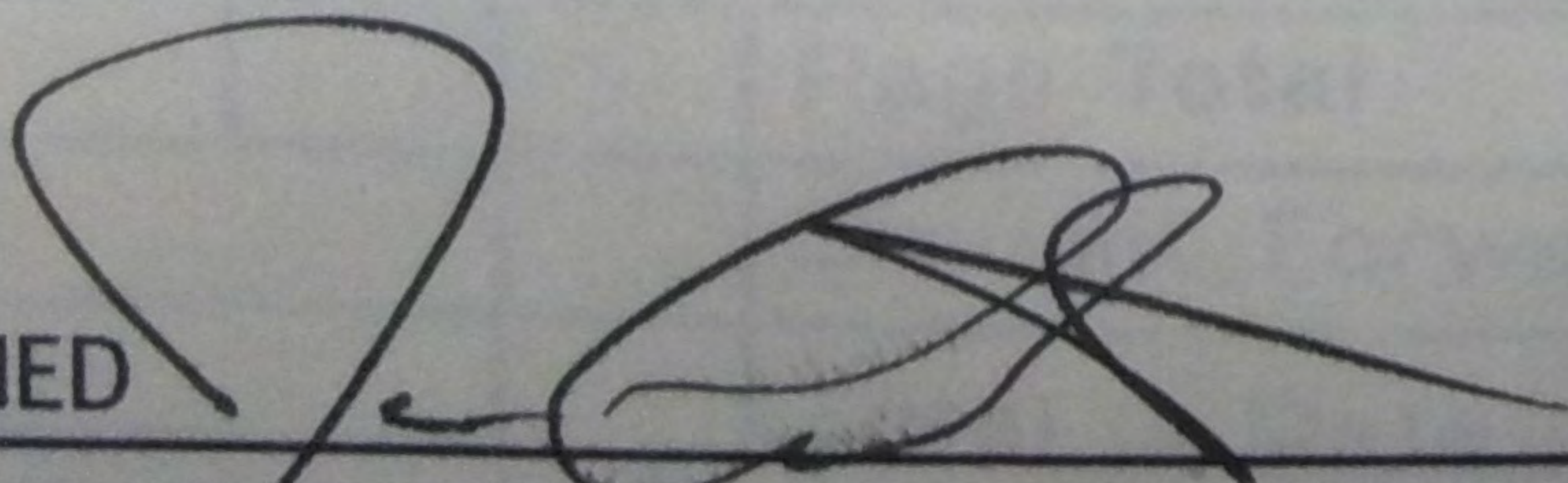
DATE 04/09/96 ENG. SN#RL18317-51A ENGINE TT ~~2089.50~~ 1664.0 SOH ~~2090.20~~

ENGINE IO360-A1B6D N# 2029Q TACH TIME 3206.00 HOBBS ~~619.10~~ 1664.0

THIS AIRCRAFT OR COMPONENT HAS BEEN REPAIRED/INSPECTED IN ACCORDANCE WITH FEDERAL AIR REGULATIONS FOR ~~100 HR / ANNUAL INSPECTION~~ AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE.

DESCRIPTION OF WORK	AD	COMPLIANCE METHOD	NEXT DUE
R&R VACUUM PUMP P/N 211CC			

SIGNED



CERT # A+PS62293826

SOUTHERN AVIATION MAINTENANCE 19711-B CAMPUS DRIVE SANTA ANA 92707 (714)852-8420

DATE 07/18/96 ENG. SN#RL18317-51A

ENGINE TT ~~2110.9~~ 1685.4

SOH ~~2411.00~~

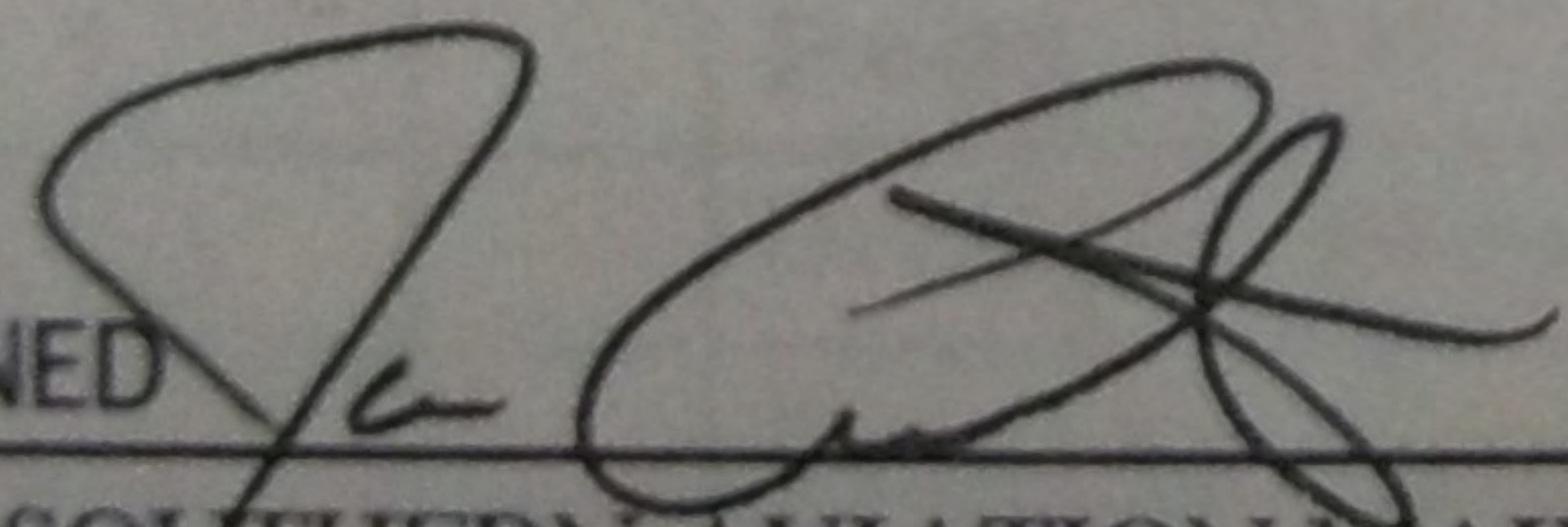
ENGINE IO360-A1B6D N# 2029Q

TACH TIME 3227.40

HOBBS ~~640.5~~ 1685.4

THIS AIRCRAFT OR COMPONENT HAS BEEN REPAIRED/INSPECTED IN ACCORDANCE WITH FEDERAL AIR REGULATIONS
~~FOR 100 HR / ANNUAL INSPECTION~~ AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE.

DESCRIPTION OF WORK	AD	COMPLIANCE METHOD	NEXT DUE
R&R OIL & FILTER SERVICED WITH 8 QTS OF AEROSHELL 50W R&R FUEL DRAIN VALVES P/N F391-82			

SIGNED 

CERT # A+PS62295826

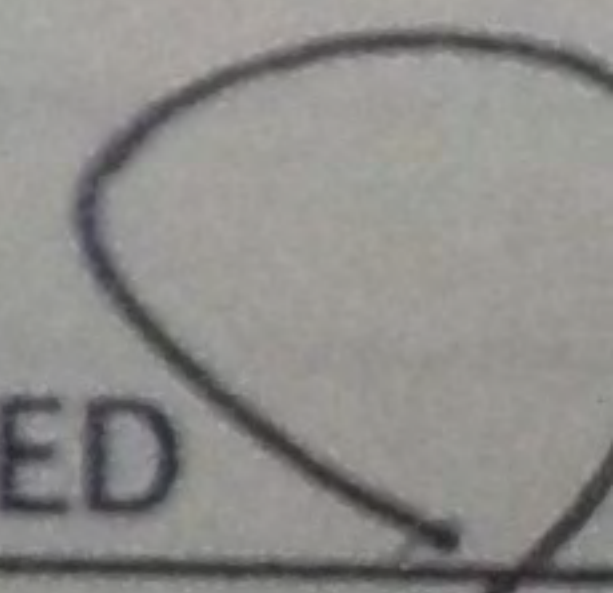
SOUTHERN AVIATION MAINTENANCE 19711-B CAMPUS DRIVE SANTA ANA 92707 (714) 852-8420

DATE 08/1

ENGINE IO360

THIS AIRCRAFT

DESCRIPTION OF WORK	AD	COMPLIANCE METHOD	NEXT DUE
R&R OIL & FILTER SERVICED WITH			

SIGNED 

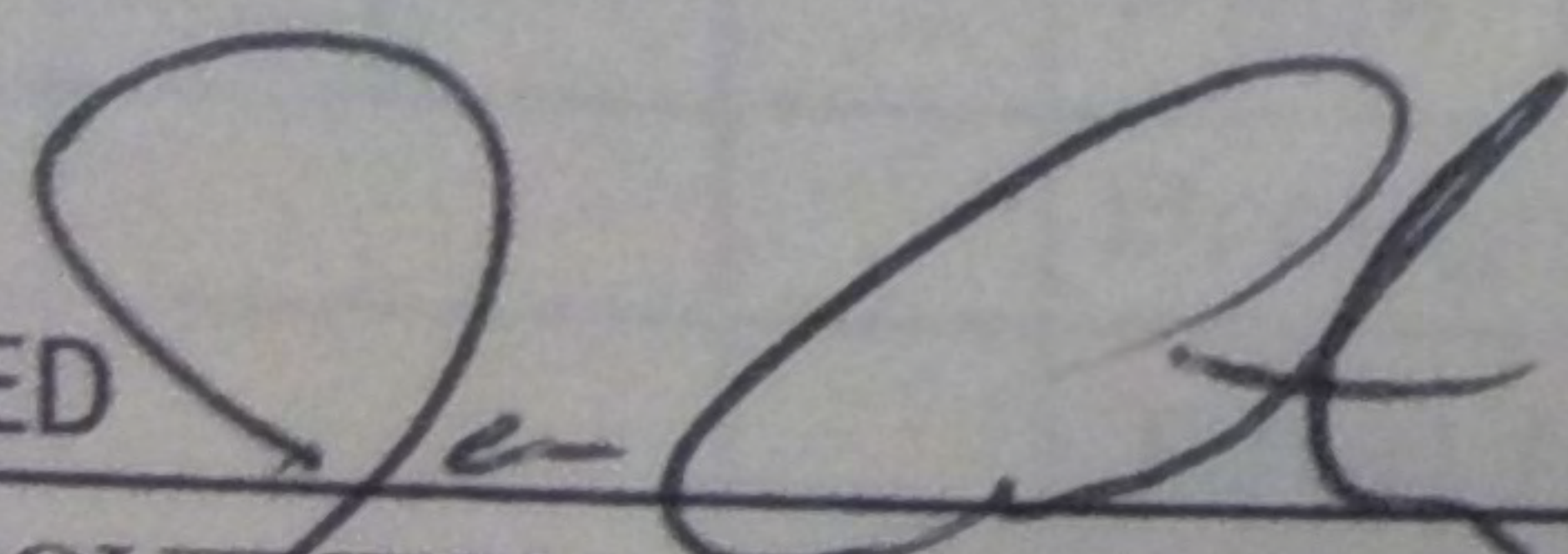
SOUTHERN AVIATION MAINTENANCE

DATE 08/14/96 ENG. SN#RL18317-51A ENGINE TT 1732.8 SOH ~~687.90~~
ENGINE IO360A1B6D N# 2029Q TACH TIME 3274.80 HOBBS 1732.8

THIS AIRCRAFT OR COMPONENT HAS BEEN REPAIRED/INSPECTED IN ACCORDANCE WITH FEDERAL AIR REGULATIONS
~~FOR 18317-51A~~ AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE.

DESCRIPTION OF WORK	AD	COMPLIANCE METHOD	NEXT DUE
R&R OIL & FILTER SERVICED WITH 8 QTS OF AEROSHELL 50W			

SIGNED



CERT #

A + P 562295826

SOUTHERN AVIATION MAINTENANCE 19711-B CAMPUS DRIVE SANTA ANA 92707 (714) 852-8420

DATE 02/07/97 ENG. SN#RL18317-51A ENGINE TT 1759.6 SOH 71470

ENGINE IO360A1B6D N# 2029Q TACH TIME 3301.60 HOBBS

THIS AIRCRAFT OR COMPONENT HAS BEEN REPAIRED/INSPECTED IN ACCORDANCE WITH FEDERAL AIR REGULATIONS FOR 100 HR / ANNUAL INSPECTION AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE.

DESCRIPTON OF WORK	AD	COMPLIANCE METHOD	NEXT DUE
#1 75/80 #2 73/80 #3 75/80 #4 74/80	91-14-22	CRANKSHAFT GEAR RETAINING	DUE AT C
R&R OIL & FILTER	92-12-05	PISTON PIN	DNA
SERVICED WITH 8 QTS OF AEROSHELL 50W	93-02-05	INSP. FUEL INJ. LINES	3401.6
CLEANED AND GAPPED ALL SPARK PLUGS	93-05-21	FUEL PUMPS	DNA
R&R #2 PUSH ROD TUBE SEAL P/N LW-18661	93-11-11	FUEL PUPS	DNA
	93-14-15	OPERATIONS PLACARD	DNA
	94-14-13	LOW OCTANE	DNA

SIGNED *Michael Johnson* CERT # 5468272701A

SOUTHERN AVIATION MAINTENANCE 19711-B CAMPUS DRIVE SANTA ANA 92707 (714)852-8420

71470

DATE 02/07/97 ENG. SN#RL18317-51A ENGINE TT 1759.6 SOH ~~714.70~~
 ENGINE IO360A1B6D N# 2029Q TACH TIME 3301.60 HOBBS

THIS AIRCRAFT OR COMPONENT HAS BEEN REPAIRED/INSPECTED IN ACCORDANCE WITH FEDERAL AIR REGULATIONS FOR ~~714.70~~ / ANNUAL INSPECTION AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE.

DESCRIPTION OF WORK	AD	COMPLIANCE METHOD	NEXT DUE
	95-07-01	CONN. ROD BOLTS	DNA
	95-26-02	LOW OCTANE	DNA
	96-09-10	OIL PUMPS	P.C.W.
	97-01-03	PISTON PIN N/A BY P/N	N/A
		MAG DUE AT	3575.2
	96-23-03	FUEL PUMP INSP. N/A BY DATE	

SIGNED

Michael Hoffman

CERT #

546 P2 7270 1A

SOUTHERN AVIATION MAINTENANCE 19711-B CAMPUS DRIVE SANTA ANA 92707 (714)852-8420

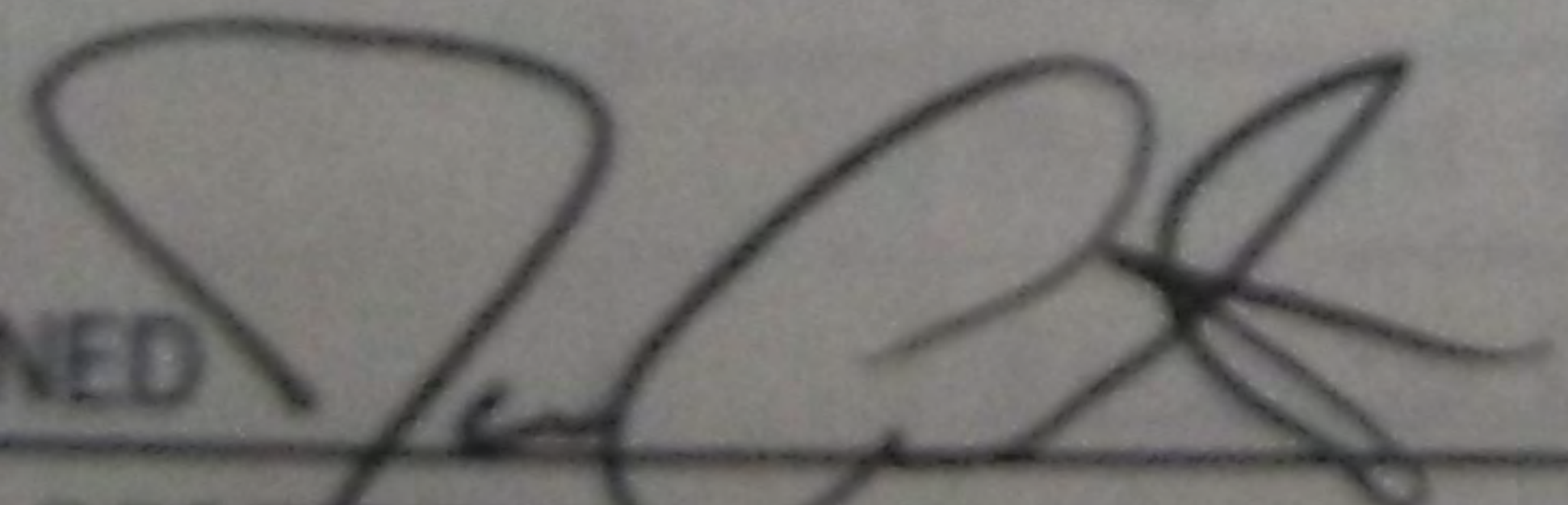
14)852-8420

DATE 06/25/97 ENG. SN#RL18317-51A ENGINE TT 1806.3 SOH 761.40
ENGINE IO360A1B6D N# 2029Q TACH TIME 3348.30 HOBBS

THIS AIRCRAFT OR COMPONENT HAS BEEN REPAIRED/INSPECTED IN ACCORDANCE WITH FEDERAL AIR REGULATIONS
[REDACTED] AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE.

DESCRIPTION OF WORK	AD	COMPLIANCE METHOD	NEXT DUE
R&R OIL & FILTER SERVICED WITH 8 QTS OF AEROSHELL 50W			

SIGNED



CERT #

A&P562295826

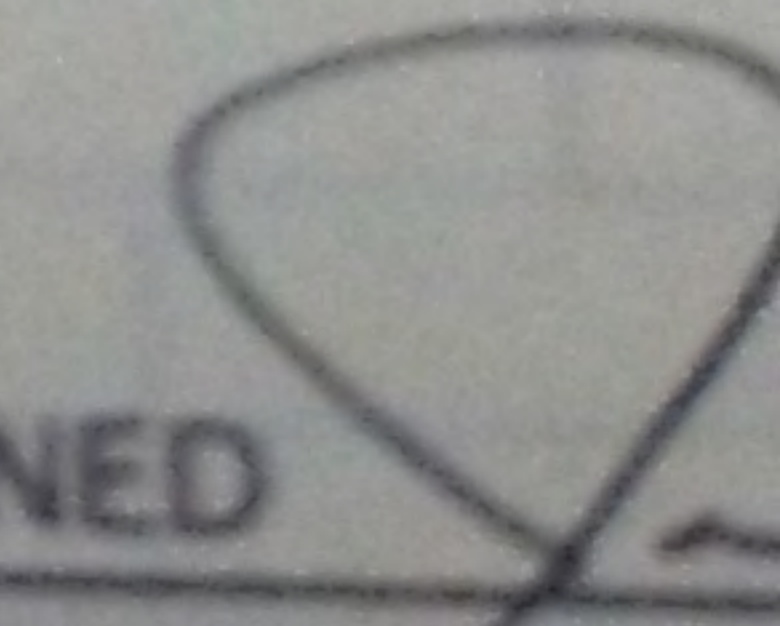
SOUTHERN AVIATION MAINTENANCE 19711-B CAMPUS DRIVE SANTA ANA 92707 (714)852-8420

DATE 07/22/97
ENGINE IO360A1

THIS AIRCRAFT

DESCRIPTION OF
R&R OIL & FILTER
SERVICED WITH

SIGNED



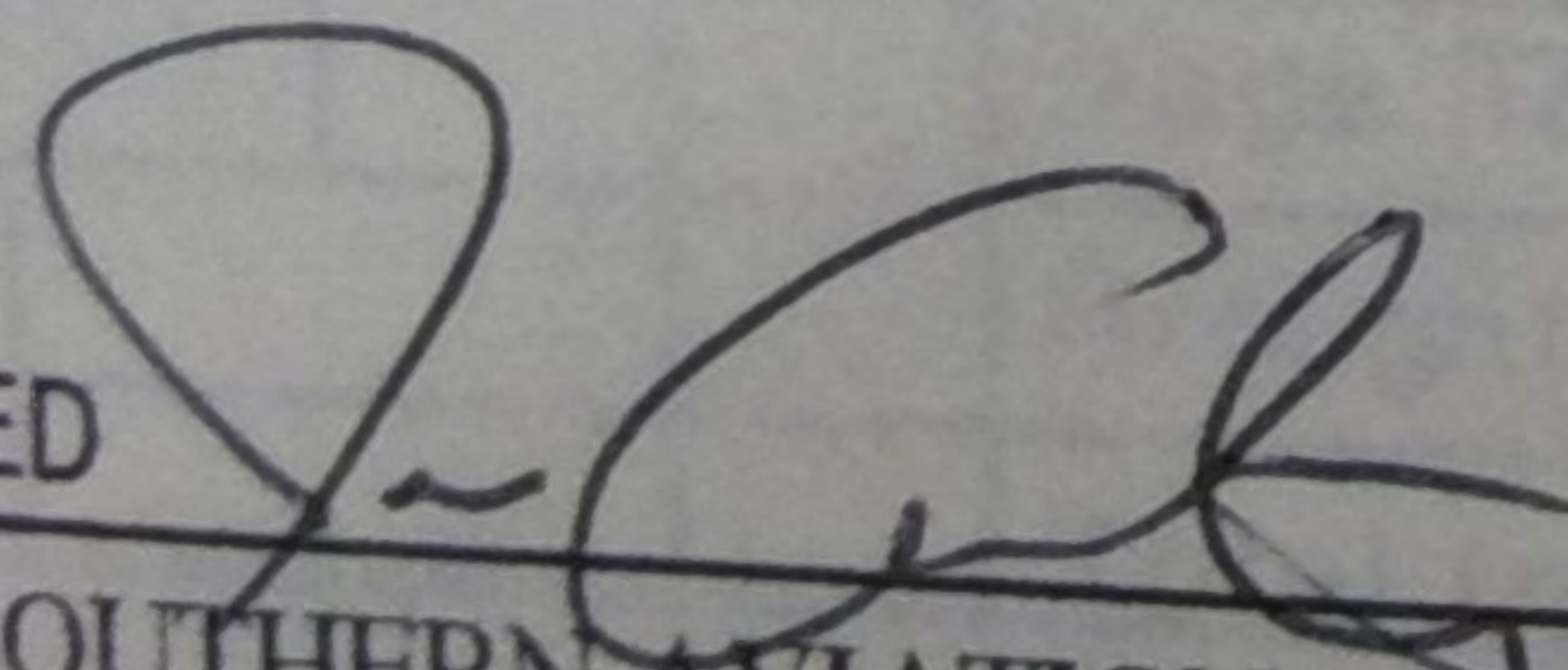
SOUTHERN

DATE 07/22/97 ENG. SN#RL18317-51A ENGINE TT 1853.7 SOH 808.80
ENGINE IO360A1B6D N# 2029Q TACH TIME 3395.70 HOBBS

THIS AIRCRAFT OR COMPONENT HAS BEEN REPAIRED/INSPECTED IN ACCORDANCE WITH FEDERAL AIR REGULATIONS
~~FOR 100 HR ANNUAL INSPECTION~~ AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE.

DESCRIPTION OF WORK	AD	COMPLIANCE METHOD	NEXT DUE
R&R OIL & FILTER SERVICED WITH 8 QTS OF AEROSHELL 50W			

SIGNED



CERT #

A+PS62295826

SOUTHERN AVIATION MAINTENANCE 19711-B CAMPUS DRIVE SANTA ANA 92707 (714)852-8420

AIRCRAFT CESNA 177RG N NUMBER N2029Q S/N 177RG0429 ENGINE LYCOMING 10-360-A1B6D S/N RL-18317-51A
 S/N _____

D NO.	EFFECTIVE DATE	AMEND NUMBER	SUBJECT	DATE OF COMP.	A/C T.T. AT COMP.	METHOD OF COMPLIANCE	NEXT DUE DATE/TIME	COMPLIED WITH BY (NAME & NUMBER)
73-23-01		20C5	PISTON PIN	-	-	D/N/A S/N	-	
75-08-09		20C10	OIL PUMP DRIVE GEARS	-	-	D/N/A FACTORY Q/A at 9/14/78	-	
75-09-15		20C14	BENDIX FLOW DIVIDER	-	-	D/N/A P/N 2524232-2	-	
81-18-04RZ		20E2	OIL PUMP DRIVE GEARS	-	?	DOE @ 3542.0 TOTAL TIME	3542.0 A/C TOTAL TIME	
79-10-03RZ		20D9	ENGINE MOUNTING	-	-	D/N/A ENGINE MODEL & INSTALLATION	-	
79-15-02		20D10	FUEL ECONOMIZER	-	-	D/N/A ENGINE MODEL NO.	-	
80-04-03R1		20D11	PUSH RODS	-	-	D/N/A ENGINE MODEL NO.	-	
80-14-04R2		20D13	EXHAUST VALVE SPRING SEATS	-	-	D/N/A ENGINE MODEL NO.	-	
80-14-04R2		20D13	EXHAUST VALVE SPRING SEATS					
73-10-02		22D2	FUEL INJECTION	-	-	PART A A/C/W NOT O/H BETWEEN DATES	-	
83-23-10	SEE AVCO AD	22D2	FUEL INJECTION	-	-	D/N/A PARTS LIST NO.	-	
79-21-08		22D8	FUEL INJECTION	-	-	D/N/A PARTS LIST NO.	-	
79-26-03		22D8	FUEL INJECTION	-	-	D/N/A PARTS LIST NO.	-	
87-10-06		23B8	ROCKER ARM ASSY	-	-	D/N/A MODEL TAG NUMBER	-	
90-04-06			CYLINDER ENGINES WITH REAR COUPLERS	-	-	Inspected in laboratory clamps, line, fitting		Mark E. Seung COMPONENTS TO BE CHANGED BY NEXT BENDIX GROVERHAUL #P5522515154IA

