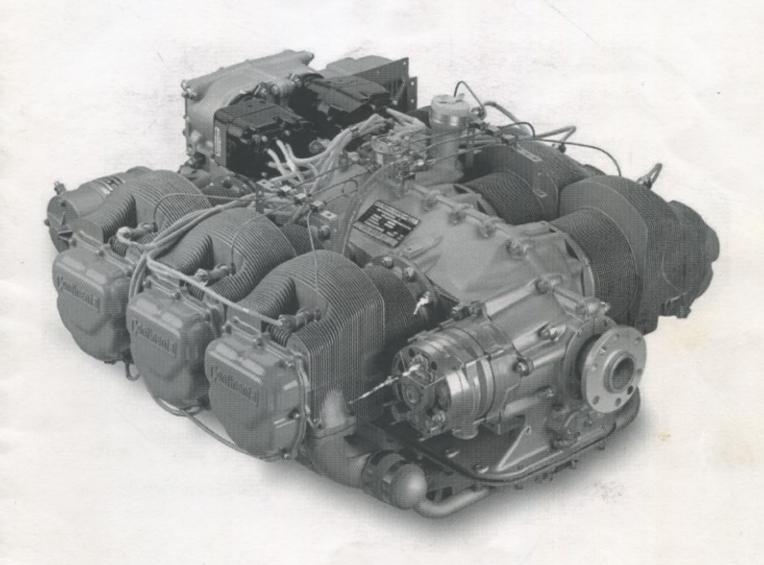
CIRRUS SR20 N77ZX

ENGINE LOG BOOK





Teledyne Continental Motors, Inc.

Service Information

Service Bulletins and Technical Publications are available on a direct mail basis from the factory. Orders must be prepaid. Send for order form or call 334-438-3411, publications department, for information.

Engine Returns

All returned engines are to be shipped with this log book Directly to:

> Teledyne Continental Motors Abbeville Industrial Park Suite 159 Abbeville, AL 36310

USE ONLY FUEL CONFORMING TO ASTM D910 USE OF AUTOMOTIVE GAS IS NOT APPROVED.



Teledyne Continental Motors, Inc.

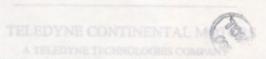
A Teledyne Technologies Company

Printed: 01/09/2003

This engine model 10360ES6

, Serial No. 357559 was manufactured on01/09/2003

by Teledyne Continental Motors in accordance with approved design data and the applicable requirements of Part 21 of the Federal Aviation Regulation. The approved design data for this engine incorporates all , changes required by applicable Airworthiness Directives and Teledyne Continental Motors Service Bulletins.



TELEDYNE CONTINENTAL MOTORS

A TELEDYNE TECHNOLOGIES COMPANY PRODUCTION CERTIFICATE NO. 508

Date	Tota	I Time		Since verhaul	Engine Service and Maintenance Record
	Hrs.	Min.	Hrs.	Min.	Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
-16-03	0	0			
					Serviced Engine with 8 Qts of Phillips 20W 5040 Straight Mineral Oil on 1/16/03 by
VS-379-1			+		Straight Mineral Off on 7 176765 by
110/03	24	30			00 1 -1 81:11 2 = 511
110/03	47	20		*	Charged Oll Phillips 20-30 CH48
SK-no-					Charged oil Phillips 20-50 CH4. Straight Mineral Oil Gay Shene 52450
/28/03	43	25	1		
120/03	13	4.5			Changed oil Gero Shell 20-50
					CH48 108 Yay Shane 524.50.72
				ARAI	PAHOE AERO
12760 E	AST CO	NTROL	TOWE	ROAD	ENGLEWOOD, COLORADO 80112 (303) 799-8386
NIIZ	ober 20		Conti	iental	IO-360-ES(6) S/N: 357559
			Shell 151	W50 Inc	os: 0081.1 Engine Total Time: 0081.1
contaminates	noted. O	u sampi	e submiti	led. Insta	talled new oil filter. Old oil filter inspected. No ferrous lled new Saf-Air Products, Inc. S6250 oil quick drain using
new gasker	round ru	in jeak c	neck sati	stactory.	END.
Dretu.	wel				A&P523116767 w/o 20005
2-7-03	130	3			Changed Oil dershell 15-50
					Foller CH 48108 Gay Shore 524-50-
					FARALL HANDY FAIRLY A SOUSA-
					1200 CH 1010 1 Jang 8 Nove 324-30
-71-04	170	9			
-21-04	178.	9			
-21-04	178.	9			
-21-04	178.	9			
-21-04	178.	9		ARA	Changed Oil + Filler aerohell 15-50 CH 48108 Hay Share 524-50-7
			L TOWE		Changed Oil + Filler Gershell 15-50 CH 48108 Hay Shone 524-50-7
12760 I N7'	EAST CO	ONTRO	L TOWE	R ROAD ental	CH 48108 Jay Share 524-50-7 PAHOE AERO ENGLEWOOD, COLORADO 80112 (303) 799-8386 IO-360-ES(6) S/N: 357559
12760 I N7' 06 Febr	EAST CO	ONTRO	Contin	R ROAD ental Ho	CH 48108 Faller Gershell 15-50 CH 48108 Faller Gershell 15-50 PAHOE AERO DENGLEWOOD, COLORADO 80112 (303) 799-8386 IO-360-ES(6) S/N: 357559 Bbbs: 0181.8 Engine Total Time: 0181.8
12760 I N7' 06 Febr 100 Hour Ir	EAST CO	ONTRO	Contin	R ROAD ental Ho mpleted	PAHOE AERO ENGLEWOOD, COLORADO 80112 (303) 799-8386 IO-360-ES(6) S/N: 357559 Shbs: 0181.8 Engine Total Time: 0181.8 this date using the Cirrus SR20 inspection form as a guide.
12760 I N7' 06 Febr 100 Hour Ir Compression	EAST CO	ONTRO	Continual convex; #1) 7	R ROAD ental Ho mpleted (5/80, #2	CH 48108 Sarphell 15-50 CH 48108 Sarphell 15-50 PAHOE AERO ENGLEWOOD, COLORADO 80112 (303) 799-8386 IO-360-ES(6) S/N: 357559 Subs: 0181.8 Engine Total Time: 0181.8 this date using the Cirrus SR20 inspection form as a guide. 1) 72/80, #3) 72/80, #4) 76/80, #5) 75/80, #6) 76/80. No oil
12760 I N7 06 Febr 100 Hour Ir Compression change perfo	EAST CO	ONTRO	Continual convex; #1) 7	R ROAD ental Ho mpleted 1 5/80, #2 ed and re	CH 48108 Saty Share 524-50-7 PAHOE AERO ENGLEWOOD, COLORADO 80112 (303) 799-8386 10-360-ES(6) S/N: 357559 bbs: 0181.8 Engine Total Time: 0181.8 this date using the Cirrus SR20 inspection form as a guide. 0 72/80, #3) 72/80, #4) 76/80, #5) 75/80, #6) 76/80. No oil escaled fuel injection nozzles. Cleaned, gapped, tested and
12760 I N7' 06 Febr 100 Hour Ir Compression change perforotated spark	EAST CO	ONTRO 04 as follow this time checked	Continual convex; #1) 7 ne. Clean ignition to	R ROAD ental Ho mpleted (5/80, #2) ed and re timing. A	PAHOE AERO ENGLEWOOD, COLORADO 80112 (303) 799-8386 10-360-ES(6) Engine Total Time: 0181.8 this date using the Cirrus SR20 inspection form as a guide. 172/80, #3) 72/80, #4) 76/80, #5) 75/80, #6) 76/80. No oil escaled fuel injection nozzles. Cleaned, gapped, tested and djusted both magnetos to 24 degrees as needed. Enrichened
12760 I N7' 06 Febr 100 Hour Ir Compression change perfor rotated spark idle mixture (BA-24). Tig	EAST CO	ONTRO 04 as follow this time checked Tighter oil coole	Continual co ws; #1) 7 ne. Clean ignition t ned #2 al	R ROAD Hental Ho mpleted to 5/80, #2 ed and re timing. A ternator to shoe as	PAHOE AERO ENGLEWOOD, COLORADO 80112 (303) 799-8386 IO-360-ES(6) S/N: 357559 Shbs: 0181.8 Engine Total Time: 0181.8 this date using the Cirrus SR20 inspection form as a guide. 72/80, #3) 72/80, #4) 76/80, #5) 75/80, #6) 76/80. No oil escaled fuel injection nozzles. Cleaned, gapped, tested and djusted both magnetos to 24 degrees as needed. Enrichened belt and safetied. Installed new Brackett Induction Air Filter needed. Installed small piece of baffle seal to forward right
12760 I N7' 06 Febr 100 Hour Ir Compression change perfor rotated spark idle mixture (BA-24). Tig baffling at lo	EAST CO 7ZX ruary 20 results ormed at plugs. C 1/8 turn phtened cover tie	ONTRO 04 as follow this time checked Tighte bil coole bracket	Continual convex; #1) 7 ne. Clean ignition to reverse to prevent	R ROAD ental Ho mpleted (15/80, #2) ed and re timing. A ternator (1) a shoe as ent chaffi	PAHOE AERO ENGLEWOOD, COLORADO 80112 (303) 799-8386 IO-360-ES(6) S/N: 357559 Shbs: 0181.8 Engine Total Time: 0181.8 this date using the Cirrus SR20 inspection form as a guide. 72/80, #3) 72/80, #4) 76/80, #5) 75/80, #6) 76/80. No oil escaled fuel injection nozzles. Cleaned, gapped, tested and djusted both magnetos to 24 degrees as needed. Enrichened belt and safetied. Installed new Brackett Induction Air Filter needed. Installed small piece of baffle seal to forward righting on shroud tube. Adjusted 2 ea. bolts on each forward
12760 I N7' 06 Febr 100 Hour Ir Compression change perfor rotated spark idle mixture (BA-24). Tig baffling at lo	EAST CO 7ZX ruary 20 results ormed at plugs. (1/8 turn thened cower tie p (4 ea.	ontro of as follow this time checked . Tighter oil cooler bracket total) to	Continual co ws; #1) 7 ne. Clean ignition to ned #2 al r support to preve provide	R ROAD Ho mpleted (5/80, #2) ed and re timing. A ternator (shoe as ent chaft for proper	PAHOE AERO DENGLEWOOD, COLORADO 80112 (303) 799-8386 IO-360-ES(6) S/N: 357559 Shbs: 0181.8 Engine Total Time: 0181.8 this date using the Cirrus SR20 inspection form as a guide. 72/80, #3) 72/80, #4) 76/80, #5) 75/80, #6) 76/80. No oil escaled fuel injection nozzles. Cleaned, gapped, tested and djusted both magnetos to 24 degrees as needed. Enrichened belt and safetied. Installed new Brackett Induction Air Filter needed. Installed small piece of baffle seal to forward right ng on shroud tube. Adjusted 2 ea. bolts on each forward rension. Replaced missing retaining spring for #2 /#4 inner
12760 I N7' 06 Febr 100 Hour In Compression change perfor rotated spark idle mixture (BA-24). Tig baffling at lo muffler clam cylinder baff	EAST CO 7ZX ruary 20 results ormed at plugs. C 1/8 turn thened cower tie p (4 ea.	ontro of as follow this time checked as follow this time checked in the coole bracket total) to incated an	Continual co ws; #1) 7 ne. Clean ignition to ned #2 al r support to preve provide to ad install	Hompleted in 15/80, #2 ed and retiming. A ternator is shoe as ent chaffifor propered double	PAHOE AERO DENGLEWOOD, COLORADO 80112 (303) 799-8386 IO-360-ES(6) S/N: 357559 Shbs: 0181.8 Engine Total Time: 0181.8 this date using the Cirrus SR20 inspection form as a guide. O 72/80, #3) 72/80, #4) 76/80, #5) 75/80, #6) 76/80. No oil escaled fuel injection nozzles. Cleaned, gapped, tested and djusted both magnetos to 24 degrees as needed. Enrichened belt and safetied. Installed new Brackett Induction Air Filter needed. Installed small piece of baffle seal to forward right ng on shroud tube. Adjusted 2 ea. bolts on each forward rension. Replaced missing retaining spring for #2 /#4 inner er at outboard oil cooler baffle. Checked and lubed engine
12760 I N7' 06 Febr 100 Hour In Compression change perfor rotated spark idle mixture (BA-24). Tig baffling at le muffler clam cylinder baff controls. Eng	EAST CO 7ZX ruary 20 results ormed at plugs. C 1/8 turn thened of ower tie p (4 ea.	ontrol of for Ar as follow this time checked Tighte oil coole bracket total) to icated ar and run of	Continual convex; #1) 7 ne. Clean ignition to ned #2 all resupport to prevend install operation	Hompleted of 15/80, #2 ed and retiming. A ternator of a shoe as ent chaffing for proper ed double al and less than the shoe as ent chaffing proper ed double al and less than the shoe as ent chaffing proper ed double al and less than the shoe as ent chaffing proper ed double al and less than the shoe as ent chaffing proper ed double al and less than the shoe as ent chaffing proper ed double al and less than the shoe as ent chaffing proper ed double al and less than the shoe as each chaffing proper ed double al and the shoe as each chaffing p	PAHOE AERO DENGLEWOOD, COLORADO 80112 (303) 799-8386 IO-360-ES(6) S/N: 357559 Sibbs: 0181.8 Engine Total Time: 0181.8 this date using the Cirrus SR20 inspection form as a guide. Of 72/80, #3) 72/80, #4) 76/80, #5) 75/80, #6) 76/80. No oil escaled fuel injection nozzles. Cleaned, gapped, tested and djusted both magnetos to 24 degrees as needed. Enrichened belt and safetied. Installed new Brackett Induction Air Filter needed. Installed small piece of baffle seal to forward righting on shroud tube. Adjusted 2 ea. bolts on each forward rension. Replaced missing retaining spring for #2 /#4 inner er at outboard oil cooler baffle. Checked and lubed engine ask check satisfactory. Complied with Cirrus SB 2X-80-01
12760 I N7' 06 Febr 100 Hour In Compression change perforotated spark idle mixture (BA-24). Tig baffling at lo muffler clam cylinder baff controls. Eng (starter repl	EAST CO 7ZX ruary 20 results rmed at plugs. C 1/8 turn thened of ower tie p (4 ea., le. Fabri gine grou	ontrol of as follow this time the checked Tighter bil cooler bracket total) to icated arind run of the checket total by very the checket total of the checke	Continual convex; #1) 77 ne. Clean ignition to ned #2 all resupport to preven provide to preven provide in install operation rification	Hompleted of 15/80, #2, ed and retiming. A ternator of a shoe as ent chaffifor propered double all and less of instal	PAHOE AERO DENGLEWOOD, COLORADO 80112 (303) 799-8386 IO-360-ES(6) S/N: 357559 Sibbs: 0181.8 Engine Total Time: 0181.8 this date using the Cirrus SR20 inspection form as a guide. Of 72/80, #3) 72/80, #4) 76/80, #5) 75/80, #6) 76/80. No oil escaled fuel injection nozzles. Cleaned, gapped, tested and djusted both magnetos to 24 degrees as needed. Enrichened belt and safetied. Installed new Brackett Induction Air Filter needed. Installed small piece of baffle seal to forward right and on shroud tube. Adjusted 2 ea. bolts on each forward rension. Replaced missing retaining spring for #2 /#4 inner er at outboard oil cooler baffle. Checked and lubed engine ak check satisfactory. Complied with Cirrus SB 2X-80-01 led starter. Starter P/N: ES646275-1 found to be installed.
12760 February 100 Hour In Compression change performed to the mixture (BA-24). Tight baffling at lemuffler claim cylinder baff controls. Engages (starter replant) No further in the starter replant.	EAST CO 7ZX ruary 20 results results results results results rund at plugs. (1/8 turn thened of ower tie p (4 ea. le. Fabri gine grou acemen	ontrol of as follow this time checked Tighter bracket total) to icated around run of the checked run of the checked around run of the checked run of	Continual convex; #1) 7 ne. Clean ignition in the med #2 alor support to previous provide in the continual interest on the	Hompleted (15/80, #2) ed and retiming. A ternator is shoe as ent chaffic for proper ed double al and less of instal hecked (15/80).	PAHOE AERO DENGLEWOOD, COLORADO 80112 (303) 799-8386 IO-360-ES(6) S/N: 357559 Shbs: 0181.8 Engine Total Time: 0181.8 this date using the Cirrus SR20 inspection form as a guide. Of 72/80, #3) 72/80, #4) 76/80, #5) 75/80, #6) 76/80. No oil escaled fuel injection nozzles. Cleaned, gapped, tested and djusted both magnetos to 24 degrees as needed. Enrichened belt and safetied. Installed new Brackett Induction Air Filter needed. Installed small piece of baffle seal to forward righting on shroud tube. Adjusted 2 ca. bolts on each forward rension. Replaced missing retaining spring for #2 /#4 inner er at outboard oil cooler baffle. Checked and lubed engine ak check satisfactory. Complied with Cirrus SB 2X-80-01 lled starter. Starter P/N: ES646275-1 found to be installed. Through bi-weekly 2004-01. I CERTIFY THAT THIS
12760 I N7' 06 Febr 100 Hour Ir Compression change perfor rotated spark idle mixture (BA-24). Tig baffling at lo muffler clam cylinder baff controls. Eng (starter repl No further : ENGINE H.	EAST CO 7ZX ruary 20 results ormed at plugs. C 1/8 turn phtened cower tie p (4 ca. le. Fabri acemen action ro AS BEE	ontro of as follow this time checked . Tighter oil cooler bracket total) to icated and ind run of t) by verequired.	Continual columns; #1) 7 ne. Clean ignition in the med #2 all resupport to previde in the distall operation in AD's ceretal continuation and in the continuation in the continuation in the ceretal co	Hompleted (15/80, #2) ed and retiming. A ternator is shoe as ent chaffic for proper ed double al and less of instal hecked (IN ACC)	PAHOE AERO DENGLEWOOD, COLORADO 80112 (303) 799-8386 IO-360-ES(6) S/N: 357559 Shbs: 0181.8 Engine Total Time: 0181.8 this date using the Cirrus SR20 inspection form as a guide. O 72/80, #3) 72/80, #4) 76/80, #5) 75/80, #6) 76/80. No oil escaled fuel injection nozzles. Cleaned, gapped, tested and djusted both magnetos to 24 degrees as needed. Enrichened belt and safetied. Installed new Brackett Induction Air Filter needed. Installed small piece of baffle seal to forward righting on shroud tube. Adjusted 2 ea. bolts on each forward rension. Replaced missing retaining spring for #2 /#4 inner er at outboard oil cooler baffle. Checked and lubed engine ask check satisfactory. Complied with Cirrus SB 2X-80-01 lled starter. Starter P/N: ES646275-1 found to be installed. Schrough bi-weekly 2004-01. I CERTIFY THAT THIS CORDANCE WITH A 100 HOUR INSPECTION AND
12760 I N7' 06 Febr 100 Hour Ir Compression change perfor rotated spark idle mixture (BA-24). Tig baffling at lo muffler clam cylinder baff controls. Eng (starter repl No further : ENGINE H.	EAST CO 7ZX ruary 20 results presults plugs. C 1/8 turn thened of ower tie p (4 ea. le. Fabri ine grou lacemen action ro AS BEE RMINE	ontro of as follow this time checked . Tighter oil cooler bracket total) to icated and ind run of t) by verequired.	Continual columns; #1) 7 ne. Clean ignition in the med #2 all resupport to previde in the distall operation in AD's ceretal continuation and in the continuation in the continuation in the ceretal co	R ROAD Ho mpleted (15/80, #2) ed and re iming. A ternator (1 shoe as ent chaffe for proper ed double al and les of instal hecked (1 IN ACC RWORT	PAHOE AERO DENGLEWOOD, COLORADO 80112 (303) 799-8386 IO-360-ES(6) S/N: 357559 Shbs: 0181.8 Engine Total Time: 0181.8 this date using the Cirrus SR20 inspection form as a guide. Of 72/80, #3) 72/80, #4) 76/80, #5) 75/80, #6) 76/80. No oil escaled fuel injection nozzles. Cleaned, gapped, tested and djusted both magnetos to 24 degrees as needed. Enrichened belt and safetied. Installed new Brackett Induction Air Filter needed. Installed small piece of baffle seal to forward righting on shroud tube. Adjusted 2 ea. bolts on each forward rension. Replaced missing retaining spring for #2 /#4 inner er at outboard oil cooler baffle. Checked and lubed engine ak check satisfactory. Complied with Cirrus SB 2X-80-01 lled starter. Starter P/N: ES646275-1 found to be installed. Through bi-weekly 2004-01. I CERTIFY THAT THIS
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12760 I N7' 06 Febr 100 Hour Ir Compression change perfor rotated spark idle mixture (BA-24). Tig baffling at lo muffler clam cylinder baff controls. Eng (starter repl No further : ENGINE H.	EAST CO 7ZX ruary 20 results presults plugs. C 1/8 turn thened of ower tie p (4 ea. le. Fabri ine grou lacemen action ro AS BEE RMINE	ontrol of as follow this time checked this time checked total) to icated ar ind run of the property of the pro	Continual columns; #1) 7 ne. Clean ignition in the med #2 all resupport to previde in the distall operation in AD's ceretal continuation and in the continuation in the continuation in the ceretal co	R ROAD Ho mpleted (15/80, #2) ed and re iming. A ternator (1 shoe as ent chaffe for proper ed double al and les of instal hecked (1 IN ACC RWORT	PAHOE AERO DENGLEWOOD, COLORADO 80112 (303) 799-8386 IO-360-ES(6) S/N: 357559 Sibbs: 0181.8 Engine Total Time: 0181.8 this date using the Cirrus SR20 inspection form as a guide. 1) 72/80, #3) 72/80, #4) 76/80, #5) 75/80, #6) 76/80. No oil escaled fuel injection nozzles. Cleaned, gapped, tested and djusted both magnetos to 24 degrees as needed. Enrichened belt and safetied. Installed new Brackett Induction Air Filter needed. Installed small piece of baffle seal to forward righting on shroud tube. Adjusted 2 ca. bolts on each forward rension. Replaced missing retaining spring for #2 /#4 inner fer at outboard oil cooler baffle. Checked and lubed engine ask check satisfactory. Complied with Cirrus SB 2X-80-01 led starter. Starter P/N: ES646275-1 found to be installed. Through bi-weekly 2004-01. I CERTIFY THAT THIS CORDANCE WITH A 100 HOUR INSPECTION AND THY CONDITION. END. John Wells A&P523116767 w/o 20371
12760 I N7' 06 Febr 100 Hour Ir Compression change perfor rotated spark idle mixture (BA-24). Tig baffling at lo muffler clam cylinder baff controls. Eng (starter repl No further : ENGINE H.	EAST CO 7ZX ruary 20 results presults plugs. C 1/8 turn thened of ower tie p (4 ea. le. Fabri ine grou lacemen action ro AS BEE RMINE	ontrol of as follow this time checked this time checked total) to icated and ind run of the by very equired. In INSE D TO B	Continual columns; #1) 7 ne. Clean ignition in the med #2 all resupport to previde in the distall operation in AD's ceretal continuation and in the continuation in the continuation in the ceretal co	R ROAD Ho mpleted (15/80, #2) ed and re iming. A ternator (1 shoe as ent chaffe for proper ed double al and les of instal hecked (1 IN ACC RWORT	PAHOE AERO ENGLEWOOD, COLORADO 80112 (303) 799-8386 IO-360-ES(6) S/N: 357559 Shbs: 0181.8 Engine Total Time: 0181.8 this date using the Cirrus SR20 inspection form as a guide. 72/80, #3) 72/80, #4) 76/80, #5) 75/80, #6) 76/80. No oil escaled fuel injection nozzles. Cleaned, gapped, tested and djusted both magnetos to 24 degrees as needed. Enrichened belt and safetied. Installed new Brackett Induction Air Filter needed. Installed small piece of baffle seal to forward right ng on shroud tube. Adjusted 2 ea. bolts on each forward rension. Replaced missing retaining spring for #2 /#4 inner er at outboard oil cooler baffle. Checked and lubed engine ak check satisfactory. Complied with Cirrus SB 2X-80-01 lled starter. Starter P/N: ES646275-1 found to be installed. through bi-weekly 2004-01. I CERTIFY THAT THIS CORDANCE WITH A 100 HOUR INSPECTION AND THY CONDITION. END.

	Total Time		100000000000000000000000000000000000000	Since verhaul	Engine Service and Maintenance Record				
	Hrs.	Min.	Hrs. Min.		Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins				
ought Forward	-	-			The second secon				
3-29-04	281	3			Charallil and chall 15-50 gat				
	631		- 1		Changed Oil aero Shell 15-50 8 gt. CH48108 Hary Share 524-56-				
					CH 48108 Hary Share 524-50-				
-2-04	334	8	Date of the		Clark sat a soll is				
	001		-	J. Proces	Changed of 8 gts areo Shell 15-				
					C.H 48108 Gay Shone 524-50-7				
				ARA	PAHOE AERO				
12760 F	EAST CO	ONTRO	L TOWE		D ENGLEWOOD, COLORADO 80112 (303) 799-8386				
N77ZX			Continer	ıtal	IO-360-ES(6) S/N: 357559				
03 Febru			nroneller		obs: 0381.5 Engine Total Time: 0381.5				
hardware and	now sat	fety. Gr	afnd run	operation	or control dust sleeve. Reassembled as needed using original all check satisfactory. END				
20	111	400	, , , ,		ohn Wells A&P523116767 w/o 21641				
					N. WOR J. D. C.				
12760 I	AST CO	ONTRO	I TOWE		PAHOE AERO D ENGLEWOOD, COLORADO 80112 (303) 799-8386				
	ZX	DIVIRO	Contin		IO-360-ES(6) S/N: 357559				
25 Febr	uary 20			He	obbs: 0354.2 Engine Total Time: 0354.2				
100 Hour Ir	spection	n for A	nnual co	mpleted	this date using the Cirrus SR20 inspection form as a guide.				
Compression	results	as follo	ws; #1) 6	6/80, #2) 76/80, #3) 75/80, #4) 75/80, #5) 74/80, #6) 75/80. Lapped				
evhanet valv	0 00 111	culinde	w Dance	avanlal ad a					
check 76/80.	e on #1 Service	cylinde d engin	er. Reass	ats She	using new gaskets and bend tabs. Post repair compression				
check 76/80.	Service	d engin	e with 8	qts. She	Il 15W50. Installed new oil filter. Old filter inspected. No				
check 76/80. ferrous conta gapped, teste	Service iminates ed and i	d engin noted. rotated	e with 8 Oil samp spark plu	qts. She le submi gs. Che	Il 15W50. Installed new oil filter. Old filter inspected. No itted. Cleaned and resealed fuel injection nozzles. Cleaned, cked ignition timing. Checked and lubed engine controls.				
check 76/80. ferrous conta gapped, teste Adjusted pro	Service iminates ed and i peller go	noted. rotated s	e with 8 Oil samp spark plu control as	qts. She le submi gs. Che s needed.	Il 15W50. Installed new oil filter. Old filter inspected. No itted. Cleaned and resealed fuel injection nozzles. Cleaned, cked ignition timing. Checked and lubed engine controls. Adjusted idle mixture. Installed new Brackett Induction Air				
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check 76/80. ferrous conta gapped, teste Adjusted pro Filter (BA-24 Relieved pro operational a bi-weekly ACCORDA AIRWORTI	Service aminates ed and repeller go nd leak 2005-02. NCE WHY CON CAN TO NOVE 10 Nove ed lower	overnor check so I Clare ANDITIO	e with 8 Oil samp spark plu control as cooler su control r atisfactor ERTIFY 100 H N. END I	qts. She le submi gs. Che s needed. pport sho od end i y. Test f THAT OUR IN John V	Il 15W50. Installed new oil filter. Old filter inspected. No itted. Cleaned and resealed fuel injection nozzles. Cleaned, cked ignition timing. Checked and lubed engine controls. Adjusted idle mixture. Installed new Brackett Induction Air Dec. Installed new gasket on oil pressure relief valve housing. The retaining washer to prevent chaffing of baffle. Ground run light for SB 2X-76-03 satisfactory. AD's checked through The This engine has been inspected in the Inspected in Inspected in the Inspected in the Inspected in the Inspected in Inspected in the Inspected in				

Date Total Time Time Since Engine Service and Maintenance Record Last Overhaul Installations, Inspections, Airworthiness Directives, Special Inspections, Hrs. Min. Modifications and Service Bulletins Brou ARAPAHOE AERO 12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386 N77ZX Continental IO-360-ES(6) S/N: 357559 10 February 2006 Hobbs: 0494.9 Engine Total Time: 0494.9 100 Hour Inspection for Annual completed this date using the Cirrus SR20 inspection form as a guide. Compression results as follows; #1) 75/80, #2) 72/80, #3) 75/80, #4) 74/80, #5) 75/80, #6) 74/80. Serviced engine with 7qts. Shell 15W50. Installed new oil filter. Old filter inspected. No ferrous contaminates noted. Oil sample submitted. Cleaned and resealed fuel injection nozzles. Cleaned, gapped, tested and rotated spark plugs. Magnetos removed to facilitate 500 hour inspection. Disassembled, inspected and cleaned both magnetos. Reassembled using new point sets and safeties. No further defects noted. Reinstalled magnetos using new gaskets and timed to engine as needed. Removed #1 alternator, P/N: 654200A1. Installed new alternator, S/N: F101551. Checked and lubed engine controls. Installed new Brackett Induction Air Filter (BA-24). Cleaned connections for #5 EGT probe. Ground run operational and leak check satisfactory. AD's checked through bi-weekly 2006-02. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. END. L. John Wells A&P523116767 w/o: 23049 / 23061 4-30-06 547.5 ARAPAHOE AERO 12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386 N77ZX Continental IO-360-ES(6) S/N: 357559 13 September 2006 Hobbs: 0583.0 Engine Total Time: 0583.0 Removed #2 alternator to facilitate replacement of drive coupling. Installed new "Green" drive coupling, P/N: 13656-020. Reinstalled alternator using original hardware and new gasket. Ground run operational and leak check satisfactory. END. 1 ceel L. John Wells A&P523116767 w/o 23962 March 9, 2007 N77ZX S/N 1299 Erie Municipal Airport HM: 612.1 395 Airport Drive Erie, CO 80516 Performed a 100hr inspection of engine for annual of N77ZX in accordance with FAR 43 appdx D and a check list. 2. Performed cylinder compression test #1 70/80 #2 67/80 #3 67/80 #4 68/80 #5 67/80 #6 73/80. 3. Drained engine oil. Removed and inspected oil filter, no contamination noted. Serviced with 8qts Aeroshell 15W50 oil and new AA48108 oil filter. 4. Replaced one ea. Spark plug UREM38E. Tightened loose oil pressure relief valve. Installed Teflon protective boots on magneto P-leads. I certify this engine has been inspected in accordance with a 100hr inspection and determined to be in airworthy condition. -END

3

Terrill Shafer

IA2860279

Author			EASE CERTIFICATE RTHINESS APPROVAL TAG	3. Form Tracking Number.: SAME AS BLOCK 5
FAA/U	Address Teledyne C P.O. Box 9	ontinental Moto		5. Work Orden/Contract/Invoice Number: P93412
6. Item:	7. Description:		8. Part Number:	9. Eligibility.*
1	ALTERNATOR		654200A1	LTSI0360RB
10. Quantity:	II. Serial/Batch Number:		12. Status/Work:	
1	F101551		NEW	
XX	d design data and are in a condition for roved design data specified in Block		Sescribed to Block 13 was accomplished to	n Block 19, the work identified in Block 12 and in accordance with 7the 74 Clide of Pederal X work, the items are approved for return to serv
Daniel	L widoles	16. Approval/Authorization No. DMTR#CE 511010 18. Date (mid/y):	20. Authorized Signature: XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	21. Approval/Certificate Nut XXXXXXXX 23. Date (m/dy):
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Date	Total	Time		Since verhaul	Engine Service and Maintenance Record
4	Hrs.	Min.	Hrs.	Min.	Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
rpught Forward	_	-	-		The state of the desired building
6-6-2007	1067	-			Oil Change geroShell 15-50
2001	001		1		01 01
					CH48108 Suy Share 524 50 7845
2-28-2007	710				Oil chance veroshell 15-50-784
					CH 48108 Youghne 524-50-784
March 27, 200	08				
N77ZX S/N 1299					Erie Municipal Airport
HM: 784.1					VectorAir 335 Airport Drive Aircraft Inspection & Repair Erie, CO 80516
2. Performed 3. Drained en new AA481 4. Replaced a Checked mag oil lines was o	cylinder o gine oil. I 108 oil filte ill 12 spar meto to e o.k. Was	compress Removed er. k plugs, ngine tim th down	uRHM-38 dengine, was dengine. R	E. Visual	al of N77ZX in accordance with FAR 43 appdx D and a check list. 2.72/80 #3 72/80 #4 73/80 #5 69/80 #6 70/80. ilter, no contamination noted. Serviced with 8qts Aeroshell 15W50 oil and inspection of overall engine installation, engine controls, mounts, fuel and k check o.k. A list of AD's may be found in aircraft records. I certify this
- engine has be	en inspe	cted in a	ccordance	with a 10	Ohr inspection and determined to be in airworthy condition.
					4/10/
					/ relk
					Terrill Shafer IA2860279
September 1	9 2008				-7
N77ZX S/N 1299					
HM: 834,5					Vector Air Erie Municipal Airport
1 Drained or	min - W				Aircraft Inspection & Repair Erie, CO 80516
new AA48	108 oil filt	Remove ter.	ed and insp	ected oil	filter, no contamination noted. Serviced with 8qts Aeroshell 15W50 oil and
2. Installed n	ew CHT p	probe for	cylinder #	4. P/N 14	
				-	END
					/ 2//
					Terrill Shafer
					IA2860279
at the same of					
		2850 A	e Aero Inc airport Blvd TX, 7960		
		- tomorre			
	lake: Cirr				S/N: 1299
Date: 12-11-2008			A/C TT:		Meter: 861.3
Compression of 80 #5 67/80 # nspected oil fill n filter, the filter installed a new	ter as it er appe	equire require rs to h	emoved ed. No d ave ver	d, cut op contami y little t	pen andnation noted
Approved for return	n to service	be AP450	News 0828487		

Date	Total	Time	Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections,		
	Hrs. Min.		Hrs.	Min.	Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins		
Brought Forward		-			Incumentations and Service Building		
Hobbs: 968.1; 1 357559, Time: 9 968.1 Compressions of 74/80, #6 75/80 with new p/n 63 analysis sample of the first sample of t	Checked Checked Cleane Checked	rop - Tyles and get of 5 year cted oil fi fightened cht protes 968.1 Fi spected i biweek Gregor	1; Engir pe: PHC 80, #2 7 papped pr time lift ilter and d prima bes. Lea Hours th in account to be in	72/80, #3 72/80,	LE ENGINE; S/N: 1299; e: TCM, IO360ES6, S/N: 1RF, S/N: FP2087B, Time: 3 74/80, #4 75/80, #5 eplaced left and right mag ed oil and collected oil al noted. Serviced with 8 lator belt. Checked k run satisfactory. 4/2/2009. I certify that this with an annual/100 hour forthy condition. AD		
Hobbs: 1043.4; 357559, Time: Time: 1043.4 Drained oil and Nothing notable run OK. AERO CLINIC I P.O.BOX 1626 SEMINOLE TEX	Total T 1043.4; collecte found.	ime: 104 Prop - T ed oil ana Serviced	13.4; En Type: PH alysis sa d ith 8 q	gine - Ty IC-J3YF Imple. C			
Hobbs: 1043.4; 357559, Time: Time: 1043.4 Drained oil and Nothing notable run OK. AERO CLINIC I P.O.BOX 1626	Total T 1043.4; collecte found.	ime: 104 Prop - T ed oil ana Serviced	13.4; En Type: PH alysis sa d ith 8 q	gine - Ty HC-J3YF Imple. C ts AeroS	ype: TCM, IO360ES6, S/N: F-1RF, S/N: FP2087B, Sut and inspected oil filter. Shell 15W50. Leak check		
Hobbs: 1043.4; 357559, Time: Time: 1043.4 Drained oil and Nothing notable run OK. AERO CLINIC I P.O.BOX 1626 SEMINOLE TEX (432) 758-6455 ENGINE MODEL 10-360ES6 ENGINE SIN: 357 REG. NO: N772X WORK ORDER: 4726-08-2009 Engine Entri Oil Filter out open	Total T 1043.4; collecte found. INC. XAS 793	ime: 104 Prop - T d oil ana Serviced	LE A& Lor Repi 2800 Lor Repi 2	gine - Ty IC-J3YF Imple. C Imple. C Its AeroS IX HIND: IP58504 Ine Mount In Station No IN Rancho I IV	tain Aviation, Inc. DATE: 9/19/2009 A/C TSN: 1051.1 ENGTT: 1051.1		
Hobbs: 1043.4; 357559, Time: Time: 1043.4 Drained oil and Nothing notable run OK. AERO CLINIC I P.O.BOX 1626 SEMINOLE TEX (432) 758-6455 ENGINE MODEL 10-360ES6 ENGINE SIN: 357 REG. NO: N772X WORK ORDER: 4726-08-2009 Engine Entri Oil Filter out open ck'd: 1/73, 2/74, 3 The aircraft, comp	Total T 1043.4; collecte e found. INC. XAS 793 ies and inspects 71, 472, 577	ed, no metal for 2, 6/72. Ckd	Los Los Repired and its are on file are on	gine - Ty IC-J3YF Imple. C Its AeroS IX HIND: P58504 The Mount of Nancho I Vegas, NV 85 ne: (702) 309 and new oil filte gine cylinders and inspected in	ype: TCM, IO360ES6, S/N: 5-1RF, S/N: FP2087B, Sut and inspected oil filter. Shell 15W50. Leak check S 7896 tain Aviation, Inc. DATE 9/19/2009 A/C TSN: 1051.1 ENG TT: 1051.1 HOBBS: 1051.1		

Total Time Time Since Engine Service and Maintenance Record Last Overhaul Installations, Inspections, Airworthiness Directives, Special Inspections, Hrs. Min. Hrs. Min. Modifications and Service Bulletins Brought Forward N77ZX HOBBS: 1081.0 W.O. 8163 Date: 5/4/2010 TT: 1081.0 SMOH: 1081.0 Changed oil and filter. Serviced with 8 qts AS 15W/50 oil. Inspected filter. Oil sample taken. Compression checked. #1-74/80, #2-75/80, #3-74/80, #4-76/80, #5-75/80, #6-74/80. Retimed both mags to the engine. Installed new hold down washers. Engine ran up and leak checked OK. MAINTENANCE RELEASE I certify that, at the time of the aircraft's annual inspection, this engine has been inspected in accordance with a 100hr inspection and has been found to be in airworthy condition. Pertinent details are on file at the Repair Station under the work order number stated above. NORTHSTAR JET Inc. (Signature) Short CORPORATE WAY MISSOULA, MONTANA 59808 (800) 735-4476 CRS: NTBR983G ENGINE MODEL: DATE: 7/1/2011 Houston Aviation Center, LLC A/C TSN: 1121.4 IO-360-ES6 ENGINE S/N: 357559 12888 Hwy 6 S Ste 113 ENG TT: 1121.4 Sugar Land, TX 77498 Phone: 281-494-5800 REG. NO: N77ZX HOBBS: 1121.4 WORK ORDER 1883-04-2011 **Engine Entries** Completed an Annual Inspection this date Ref. CDC SR20 AMM 5-20. Performed a cylinder compression check Ref TCM S803-3 using a differential compression tester with a calibrated orifice value of 44 PSI with results as follows: #1/74, 2/72, 3/70, 4/72, 5/70, 6/72 over 80 PSI. Drained oil and inspected oil filter for contaminants (oil sample taken). Installed new oil filter P/n CH48108-1 and serviced engine with 7 cts. of Aeroshell 15W-50. Ran engine and checked for leaks. Inspected and tested Continuous Flow Fuel Injection system per TCM SID 97-3E. Inspected and cleaned all fuel injectors nozzles. Purged system and checked for leaks. Inspected intake and exhaust system for leaks. Cleaned, gapped and tested all spark plugs. Checked AD's thru BW 2011-13. Valve Hydraulic Lifter AD 2010-11-04 is NIA by affected lifters were not installed after June 19, 2009... Removed engine driven fuel pump P/n 649368-46A4. SIN B03AA007 for overhaul by Mike's A/C Fuel Metering Service CRS No. HK2R875K. Reinstalled fuel pump. Ran engine and adjusted pressure Ref SID97-3E. Operational check satisfactory.... I certify that this Engine has been inspected in accordance with an Annual Inspection and was determined to be in Airworthy condition. The aircraft and/or component(s) on N77ZX was repaired and/or inspected in accordance with current requirements of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at Houston Aviation Center, LLC under Work Order No. 1883-04-2011 DATE: 7/1/2011 SIGNED: Work Order: 1883-04-2011 Fouad Hussain, A&P: 3204861 IA Printed by EBis 3 (datcomedia.com) ENGINE MODEL: Houston Aviation Center, LLC DATE: 4/11/2012 IO-360-ES6 ENGINE S/N: 357559 A/C TSN: 1172 ENG TT: 1172 12888 Hwy 6 S Ste 113 Sugar Land, TX 77498 USA REG. NO: N77ZX HOBBS: 1172 WORK ORDER: Phone: 281-494-5800 2376-04-2012 **Engine Entries** ad oil and inspected filter for contaminates (oil sample taken). Installed new oil filter P/n CH48108-1 and serviced engine with 7 Qts. Acroshell 15W-50. Ran engine and checked for leaks. The aircraft and/or component(s) on N77ZX was repaired and/or inspected in accordance with current requirements of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at Houston Aviation Center, LLC under Work Order No. 2376-04-2012. SIGNED: Found F. Hussain, A&P 3204861 DATE: 4/11/2012 Work Order: 2376-04-2012 6 Printed by EBis 3 (datcomedia.com)



Date Total Time Time Since Engine Service and Maintenance Record Last Overhaul Installations, Inspections, Airworthiness Directives, Special Inspections, Hrs. Min. Hrs. Min. Modifications and Service Bulletins Brought Forward ENGINE MODEL Houston Aviation Center, LLC IO-360-ES6 ENGINE S/N: 357559 AIC TSN: 1214.5 ENG TT: 1214.5 12888 Hwy 6 S Ste 113 REG. NO: N77ZX Sugar Land, TX 77498 USA WORK ORDER HOBBS: 1214.5 Phone: 281-494-5800 2377-04-2012 **Engine Entries** Completed an Annual Inspection this date Ref. CDC SR20 AMM 5-20. Performed a cylinder compression check Ref TCM SB03-3 using a differential compression tester with a calibrated critice value of 44 PSI with results as follows: #170, 270, 370, 472, 5770, 676 over 80 PSI. Drained oil and inspected oil filter for contaminants (oil sample taken). Installed new oil filter P/n CH48108-1 and serviced engine with 7 Qts. of Aeroshelle 15W-50. Ran engine and checked for leaks. Inspected and tested Continuous Flow Fuel Injection system per TCM SID 97-3E. Inspected and cleaned all fluel injectors nozzles. Purged system and checked for leaks. Inspected inside and exhaust system for leaks. Cleaned, gapped and tested all spark plugs. Checked AD's thru BW 2012-14. Slick/Champion Magneto Stop Pin AD 2011-26-07 is N/A by S/N. AFS Fuel Servo Dialphragm AD 2012-03-06 is N/A by ANSter field system is not installed. Legitly that this Freine has been inspected in accordance with an Assertation was distanced as a fundamental or a financial control of the Assertation was distanced as a fundamental or a financial control of the Assertation was distanced to a financial control of the Assertation was distanced to a fundamental or a financial control of the Assertation was distanced to the Assertation and the Asser fuel system is not installed... I certify that this Engine has been inspected in accordance with an Annual Inspection and was determined to be in Airworthy condition. Maintenance Release The aircraft and/or component(s) on N77ZX was repaired and/or inspected in accordance with current requirements of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at Houston Aviation Center, LLC under Work Order No. SIGNED: Glily Gal DATE: 8/2/2012 Work Order: 2377-04-2012 Printed by EBis 3 (datcomedia.com) ENGINE MODEL Houston Aviation Center, LLC DATE: 9/25/2013 IO-360-ES6 A/C TSN: 1273.4 ENG TT: 1273.4 ENGINE S/N: 357559 12888 Hwy 6 S Ste 113 REG. NO: N772X Sugar Land, TX 77498 USA HOBBS: 1273.4 Phone: 281-494-5800 3065-08-2013 **Engine Entries** Completed an Annual Inspection this date Ref. CDC SR20 AMM 5-20. Performed a cylinder compression check Ref TCM SB03-3 using a differential compression tester with a calibrated crifice value of 44 PSI with results as follows: #1/72, 2/74, 3/70, 4/74, 5/70, 6/72 over 80 PSI. Ran engine and checked for leaks. Inspected and tested Continuous Flow Fuel Injection system per TCM SI097-3-7. Inspected and cleaned all fuel injectors nozzles. Purged system and checked for leaks. Inspected intake and exhaust system for leaks. Cleaned, gapped and tested all spark plugs. Checked AD's thru 8W 2013-19... Removed oil cooler and installed new oil cooler PIn 8000934, SIN 2089174 with new gasket PIn 654117. Installed new oil cooler shoe PIn 632983. Operational and loak check satisfactory.... Installed new oil cap gasket PIn 533355.... I certify that this Engine has been inspected in accordance was part and linear three conditions. with an Annual Inspection and was determined to be in Airworthy condition. The aircraft and/or component(s) on N77ZX was repaired and/or inspected in accordance with current requirements of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at Houston Aviation Center, LLC under Work Order No. 3065-08-2013. DATE: 9/25/2013 SIGNED: Work Order: 3065-08-2013 Printed by EBis 3 (datcomedia.com) ENGINE MODEL Houston Aviation Center, LLC DATE: 9/29/2014 IO-360-ES6 A/C TSN: 1323.1 ENG TT: 1323.1 ENGINE S/N: 357559 12888 Hwy 6 S Ste 113 REG. NO: N77ZX Sugar Land, TX 77498 USA Phone: 281-494-5800 HOBBS: 1323.1 WORK ORDER: 3560-09-2014 **Engine Entries** Completed a 100 HR/Annual Inspection this date Ref. CDC SR20 AMM 5-20. Performed a cylinder compression check Ref TCM SB03-3 using a differential compression tester with a calibrated orifice value of 45 PSI with results as follows: #1/73, 2/62, 3/72, 4/74, 5/67, 6/72 over 80 PSI. Drained oil and inspected filter for contaminates (oil sample taken). Installed new oil filter Pin AA48108-2 and serviced engine with 7 Qts. Aeroshell 15W-50. Ran engine and checked for leaks. Inspected and tested Continuous Flow Fuel Injection system per TCM SID97-3F. Inspected and cleaned all fuel injectors nozzles. Purged system and checked for leaks. Inspected intake and exhaust system for leaks. Cleaned, gapped and tested all spark plugs. Checked AD's thru BW 2014-18... I certify that this Engine has been inspected in accordance with a 100 HR/Annual Inspection and was determined to be in Airworthy condition The aircraft and/or component(s) on N77ZX was repaired and/or inspected in accordance with current requirements of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at Houston Aviation Center, LLC under Work Order No. 3560-09-2014. DATE: 9/29/2014 SIGNED: Work Order: 3560-09-2014 Fouad Hussain, A&P: 3204851 IA Printed by EBis 3 (datcomedia.com)

160 Date Total Time Time Since Engine Service and Maintenance Record Last Overhaul Installations, Inspections, Airworthiness Directives, Special Inspections, Hrs. Min. Hrs. Min. Modifications and Service Bulletins Brought Forward ENGINE MODEL Houston Aviation Center, LLC DATE: 8/7/2015 IO-360-ES6 ENGINE S/N: 357559 A/C TSN 1343.6 ENG TT: 1343.6 12888 Hwy 6 S Ste 113 Sugar Land, TX 77498 USA REG. NO: N77ZX WORK ORDER: HOBBS: 1343.6 Phone: 281-494-5800 3993-07-2015 **Engine Entries** Removed cylinder P/n 658190A1, S/N illegible, and installed new cylinder P/n 6581900A3BP, S/N AC14IA852. Installed Continental TSIO-360 subassembly connecting rod, repaired by Aircraft Specialties Services, Inc. CRS No. DDZR764K, under W/O 232322, using existing hardware. Installed new piston pin P/n SA629690 and new bearings P/n SA642338. Installed new oil filter P/n AA48108-2 and serviced engine with 8qts. Aeroshell 100 mineral oit. Cleaned and gapped spark plug. Installed new spark plug gaskets P/n U674, and reinstalled spark plug. Performed engine run Ref. TCM SB M-89-7R1 . Operational and leak check satisfactory. The aircraft and/or component(s) on N77ZX was repaired and/or inspected in accordance with current requirements of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at Houston Aviation Center, LLC under Work Order No. DATE: 8/7/2015 SIGNED: Work Order: 3993-07-2015 Martin Aaron Nicely, A&P: 3279896 Printed by EBis 3 (datcomedia.com) ENGINE MODEL: Houston Aviation Center, LLC DATE: 10/12/2015 IO-360-ES6 A/C TSN: 1355.5 ENG TT: 1355.5 ENGINE S/N: 357559 12888 Hwy 5 S Ste 113 REG. NO: N77ZX lugar Land, TX 77498 USA HOBBS: 1355.5 Phone: 281-494-5800 4084-09-2015 **Engine Entries** Completed a 100 HR/Annual Inspection this date Ref. CDC SR20 AMM 5-20. Performed a cylinder compression check Ref TCM SB03-3 using a differential compression tester with a calibrated prifice value of 44 PSI with results as follows: #1/70, 2/68, 3/70, 4/72, 5/70, 6/70 over 80 PSI. Inspected and tested Continuous Flow Fuet Injection system per CMI SID97-3F. Inspected intake and enhaust system for leaks. Cleaned, gapped and tested all spark plugs. Checked ADs thru BW 2015-21... Adjusted LH and RH magneto timing to 22 degrees BTC. Checked operation and found satisfactory.... I certify that this Engine has been inspected in accordance with an Annual Inspection and was determined to be in Airworthy condition. Maintenance Release The aircraft and/or component(s) on N77ZX was repaired and/or inspected in accordance with current requirements of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at Houston Aviation Center, LLC under Work Order No. DATE: 10/12/2015 SIGNED: Work Order: 4084-09-2015 Philip L Zwahr, A&P: 26856191A Printed by EBis 3 (datcomedia.com) ENGINE MODEL Houston Aviation Center, LLC DATE: 11/11/2016 IO-360-ES6 ENGINE S/N: 357559 A/C TSN: 1404.2 ENG TT: 1404.2 12888 Hwy 6 S Ste 113 Sugar Land, TX 77498 USA REG. NO: N77ZX HOBBS: 1404.2 WORK ORDER: Phone: 281-494-5800 4644-10-2016 **Engine Entries** Completed a 100 HR/Annual Inspection this date Ref. CDC SR20 AMM 5-20. Performed a cylinder compression check Ref TCM SB03-3 using a differential compression tester with a calibrated crifice value of 44 PSI with results as follows: #1/76, 2/68, 3/70, 4/71, 5/68, 6/72 over 80 PSI. Inspected and tested Continuous Flow Fuel Injection system per CMI SID97-3G. Inspected intake and exhaust system for leaks. Cleaned, gapped and tested all spark plugs. Checked ADs thru BW 2016-22. Installed (1) new spark plug P/n URHM38E in #3 top position. Operational check satisfactory.... I certify that this Engine has been inspected in accordance with a 100 HR/Annual Inspection and was determined to be in Airworthy condition. The aircraft and/or component(s) on N77ZX was repaired and/or inspected in accordance with current requirements of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at Houston Aviation Center, LLC under Work Order No. 4644-10-2016. DATE: 11/11/2016 Found 7. SIGNED: Work Order: 4644-10-2016 Printed by EBis 3 (datcomedia.com)

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FAA Form 8130-3 (02-14)

specified in Block 1.

Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block I, it is essential that the user/installer ensures that his/her airworthiness authority accepts ai/craft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country

Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the

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END OF N77ZX Engine Log January 2018