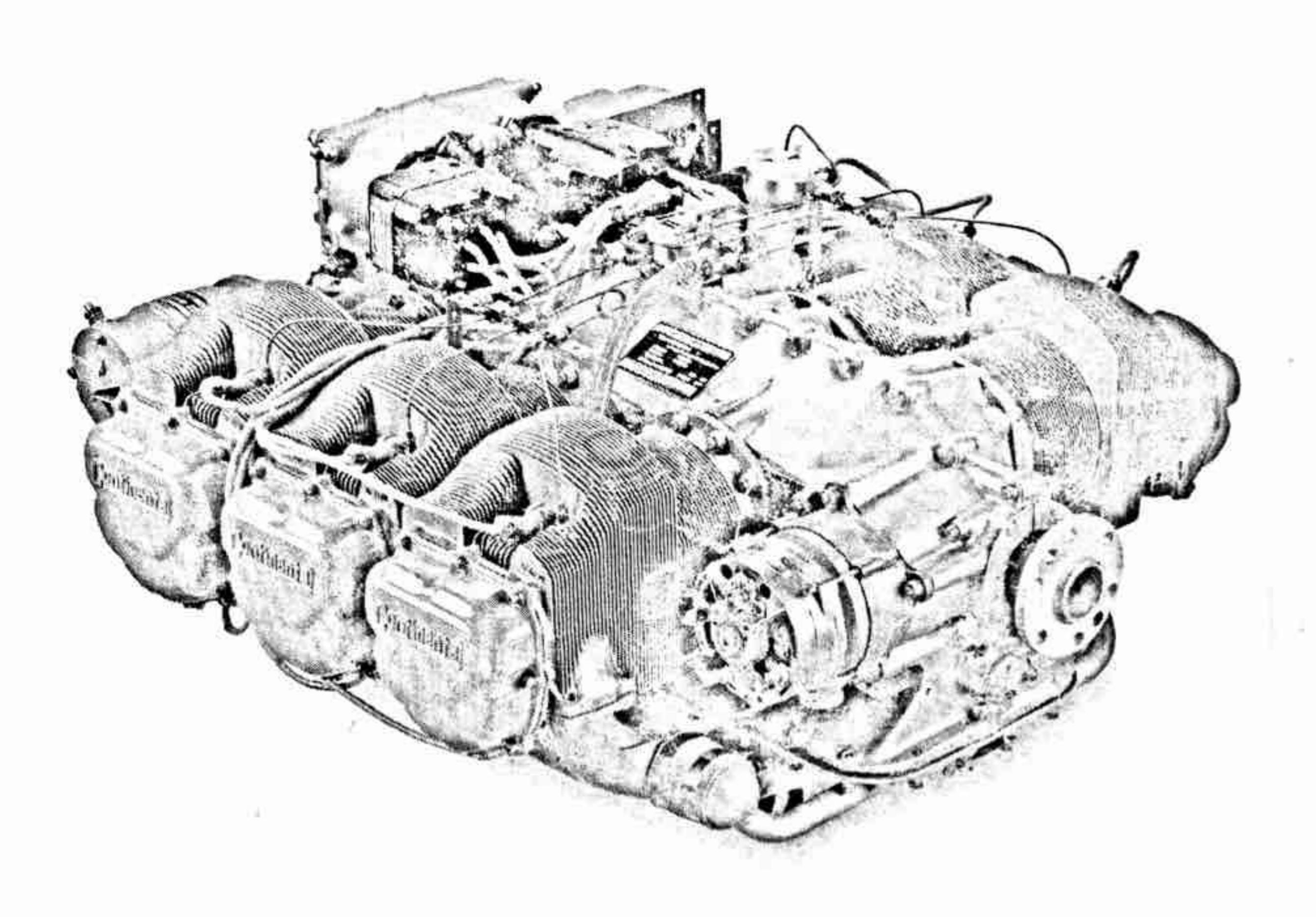
# ENGINE LOG BOOK





Teledyne Continental Motors, Inc.

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

Engine Return Department 2039 Broad Street Mobile, AL 36615

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



# 

Production Certificate 508

Printed:

04/22/2009

Engine Model:

R-I0360ES16B

Serial Number:

1000156

Test Date:

4/20/2009

This engine was manufactured 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.

Date	Total	Time	t .	Since verhaul	Engine Service and Maintenance Record
	Hrs.	Min.	Hrs.	Min.	Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins

Quest AVIATION, INC.

5-14-2009

S/N 1000156

**N777ND** 

TCM IO-360-ES16B

Hobbs 739.1

TSMO 0

# Engine

Completed an Annual Inspection IAW FAR Part 43 Appendix D and the Mfg.'s inspection guide lines

ACTT 1699.5

- Removed Engine TCM IO-360-ES6 S/N 357498.
- Installed TCM remanufactured Engine R-IO-360-ES16B S/N 1000156.
- Preoiled engine and serviced with 100W Aero Shell mineral oil.
- Installed new brackett air filter P/N BA-24
- Installed new propeller control P/N 14392-102.
- Installed new prop and throttle control rod ends P/N 11314-003.
- Installed new engine mount kit P/N 17138-001.
- Replaced all hoses from the firewall forward.
- Installed overhauled tach generator P/N 12630-001S
- Tanis oil pan heater installed.
- Baffling repaired as needed.
- Ground run preformed and leak checked okay.
- Fuel pressures, idle and idle mixture adjusted in accordance with the manufactures instructions.

I certify that this <u>Engine</u> has been inspected in accordance with <u>an Annual.</u> Inspection and was determined to be airworthy.

Details on file at this agency on Work Order # 5850 Signed <u>Mark Lehrkamp</u> for Quest Aviation Inc. CRS # OW5R108N 4440 East Hwy 12 Aberdeen, South Dakota Phone (605) 225-8008

	3 1		
Quest AVIATION, INC.	7-1-2009 S/N 357498 / COO/S	N777ND Hobbs Time 767.6	TCM 10-360ES6 5/6 B TSMO 28.5
SUAP sample tal	ro Shell 100W Mineral	ed, no discrepancies noted.	
<ul> <li>Ground run pref</li> </ul>	ormed and leak checked o	kav.	
		n accordance with current Federal Aviation Regulations and is appr	royad for return to service. Details on file at this
agency on Work Order #5908	Signed Mark Lehrkamp		for Quest Aviation INC.
CRS # OW5R108N	4440 East H	wy 12 Aberdeen, South Dakota	Phone (605) 225-8008
1	23-2009		T0360-ES16B
A = 2124 A	N.357498 1000156	N777ND Hobbs Time 772.3	TCM I <del>Q-360ES6</del> TSMO 33.2
Adjusted fuel pres	N 357498 /0 00/56 Sures as per TCM SI	Hobbs Time 772.3 D 97-3	
Adjusted fuel pres	N.357498 /000/56 Sures as per TCM SI r controls as per the (	Hobbs Time 772.3  D 97-3  Cirrus service information directive.	TSMO 33.2
Adjusted fuel pres Adjusted propelle e aircraft and/or compon	N.357498 / C.OO/S 6  Sures as per TCM SI  r controls as per the Controls was repaired	Hobbs Time 772.3  D 97-3  Cirrus service information directive.  Vserviced in accordance with current Federal Aviat	TSMO 33.2
Adjusted fuel pres Adjusted propelle Adjusted propelle e aircraft and/or compon service. Details on file at	N.357498 / C.OO/S 6  Sures as per TCM SI  r controls as per the Controls was repaired	Hobbs Time 772.3  D 97-3  Cirrus service information directive.	ion Regulations and is approved for return
Adjusted fuel pres Adjusted propelle Adjusted propelle e aircraft and/or compon service. Details on file at	Sures as per TCM SI r controls as per the Centified was repaired this agency on Work Order	Hobbs Time 772.3  D 97-3  Cirrus service information directive.  Vserviced in accordance with current Federal Aviate #5908 Signed Mark Lehrkamp	ion Regulations and is approved for return
Adjusted fuel pres Adjusted propelle ne aircraft and/or compon service. Details on file at uest Aviation INC.  Drained Oil, remo SOAP sample take Serviced with Aero New CH48108 filte	Sures as per TCM SI r controls as per the Centidentified was repaired this agency on Work Order CRS # OW5R108N  9-4-2009 S/N 1000156  ved filter and inspected, no shert 100W PA; //ps in the centiled	Hobbs Time 772.3  D 97-3  Cirrus service information directive.  Vserviced in accordance with current Federal Wiater #5908 Signed Mark Lehrkamp  4440 East Hwy 12  Aberdeen, South Da  N777ND  Hobbs Time 786.7  o discrepancies noted.	TSMO 33.2  ion Regulations and is approved for return for Nota Phone (605) 225-8008  FOR 10-360ES6
Adjusted fuel pres Adjusted propelle e aircraft and/or compon service. Details on file at test Aviation INC.  Drained Oil, remo SOAP sample take Serviced with Acre New CH48108 filte Ground run prefor	sures as per TCM SI r controls as per the Centidentified was repaired this agency on Work Order CRS # OW5R108N  9-4-2009 S/N 1000156  oved filter and inspected, no shell 100W PA; //ps installed rmed and leak checked oka	Hobbs Time 772.3  D 97-3  Cirrus service information directive.  Vserviced in accordance with current Federal Aviater #5908 Signed Mark Lehrkamp  4440 East Hwy 12  N777ND  Hobbs Time 786.7  o discrepancies noted.  20W 50 m_	TSMO 33.2  ion Regulations and is approved for return for Store (605) 225-8008  FORO-EMB — TCM 10-360ES6 TSMOH 47.6
Adjusted fuel pres Adjusted propelle ne aircraft and/or compon service. Details on file at uest Aviation INC.  Drained Oil, remo SOAP sample take Serviced with Acre New CH48108 filte Ground run prefor	Sures as per TCM SI r controls as per the Gent identified was repaired this agency on Work Order CRS # OW5R108N  9-4-2009 S/N 1000156  eved filter and inspected, no ser installed rmed and leak checked okaled dentified was repaired/serviced in agency in agency serviced in agency in agen	Hobbs Time 772.3  D 97-3  Cirrus service information directive.  Vserviced in accordance with current Federal Wiater #5908 Signed Mark Lehrkamp  4440 East Hwy 12  Aberdeen, South Da  N777ND  Hobbs Time 786.7  o discrepancies noted.	TSMO 33.2  ion Regulations and is approved for return for Shota Phone (605) 225-8008  FORO-EMB — TCM 10-360ES6 TSMOH 47.6

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Date	Total Time	Time Since Last Overhaul	Engine Service and	Maintenance Record
	Hrs. Min.	Hrs. Min.	Installations, Inspections, Airworth Modifications and Service Bulletins	ness Directives, Special Inspections
-X-Cuci	S/N 100015	6	N777ND	TO 360 \$16A TCM 10-3601-86. TSMOH 55.9
Preformed	oround run w	pter P/N 646220A	53.	
be aircraft and/or come	STUULIU LUIL W	ith no discrepanci	es noted.	
ency on Work Order #	5957 Signed Mark Leb	rkamp	with perfect Enderal Aviation Regulations and Japprov	ed for return to service. Details on file at this
CRS # OW5R108N		4440 East Hwy/2	Aberdeen Bouth Dakota	for Quest Aviation INC.  Phone (605) 225-8008
*	LICISE 1-12-		N777ND	TCM 10-360-ES16B
Engine	S/N 1	000156	Hobbs 811.3	TSFRM 72.2
		r # 6051 Signed Blake Bra	n AP2777059	egulations and are approved for return to servi
	est Aviation INC.	4440 East Hwy 12	Aberdeen, South Dakota	Phone (605) 225-8008
		A STATE OF THE STA		
	est Aviation INC.	A STATE OF THE STA		Phone (605) 225-8008
Que Que	est Aviation INC.	4440 East Hwy II	Aberdeen, South Dakota	
Engine  Complete  AD 2009  Compres  #5 fuel in  Baffling  Reglued	est Aviation INC.  6-1-2010 S/N 1000 ed an Annual lector tested 1-2 repaired as new cowling chafe seemed as a second content of the cowling chafe seemed as a second cowling chafe.	1440 East Hwy 12 0156 Inspection IAW FA hydraulic lifters in 75 2-72 3-73 4-1 d, cleaned and rein	N777ND Hobbs 828.7  AR Part 43 Appendix D and the N s N/A by manufacturer date. 74 5-75 6-73. nstalled.	TCM IO-360-ES16B TSMO 89.6

4440 East Hwy 12	Aberdeen, South Dakota	Phone (605) 225-8008
7-30-10 1969.7 billings	# Drained at removed filter. This 20-50 + CH48108-1. M	Serviced w/ 7ts etal & Leak VOK.
845.5 mait hills	* SOAP sunde collected	
	* Installed new Bracket air	Filter dement BH-24.
	The Same	182777059
9-23-10	* Praired oil & removed filter Phil 20-50 & CH481081,1	Servind w/ Tots
871. maint hobbas	* SOAP sample collected	
	Mul I. M	-AP2777059
AAAA	100000000000000000000000000000000000000	4
8		

Date	Total	Time	-	Since verhaul	Engine Service and Maintenance Record
	Hrs.	Min.	Hrs.	Min.	Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
Brought Forward					* Drained oil + removed filter. Serviced w/
3-15-11					7 ds Phil 20-50 & C#48108-1 filter.
904.5 mint to	عط				Metal V filter OK. Look V OK,
					* SOAP. sarge collected.
					Me 2. 11 AP 2777059
	1				402010-11-04 15 AJA By buld de
					of Engin 1/1/18 PS03907/75

Quest AVIATION, INC.

7-8-2011 S/N 1000156 **N777ND** 

Hobbs 942.2

TCM IO-360-ES16B TSMO 203.1

#### Engine

- Completed an Annual Inspection IAW FAR Part 43 Appendix D and the Mfg.'s inspection guide lines
- Oil drained, filter inspected with no discrepancies noted.
- Installed a new CH48108-1 filter and serviced with Phillips XC 20-50.
- Compression tested 1-73 2-75 3-77 4-68 5-74 6-71.
- Secured the #2 cylinder drain hose.
- Installed new BA-24 air filter element.
- Grounds run preformed and leak checked okay.

I certify that this Engine has been inspected in accordance with an Annual. Inspection and was determined to be airworthy. Details on file at this agency on Work Order # 6400 Signed Kevin Braun For Quest Aviation Inc CRS # OW5R108N

4440 East Hwy 12

Aberdeen, South Dakota

Phone (605) 225-8008

7-30-11 775. mwint		Omined oil + removed  7 cets Phil 20-50 + C	filter. Serviced w. HUS108-1 Filer.
	*	SOM sande collected	- AP2777059
<ul> <li>Serviced with</li> <li>Collected S.C</li> <li>Ground run</li> </ul>	emoved filter and inspected, not hillips 20-50, campard, and b.A.P sample.  preformed and leak checked of the c	a CH48108-1 filter.  k.  کومrdance with current Federal Aviation Regulations an	TCM 10-360-ES16B STMOH 267.8  d is approved for return to service. Detail
	rk Order # 6501 Signed Nick Pierson 4440 East Hwy 12		74685 for Que Phone (605) 225-86

Date	Total	Time		Since	Engine Service and	Maintenance Record
	Hrs.	Min.	Hrs.	I Nam	Installations, Inspections, Airworthin Modifications and Service Bulletins	ACC Directions C.
• Gr	ound run p	emoved taken -1 filter	nstalled w l and leak	nspected, r	N777ND Hobbs Time 1038.3 to discrepancies noted.  Phillips 20W-50 and camgard. ay.  Aberdeen, South Dakota	TCM IO-360ES6 TSMOH 299.2  is approved for return to service. Details on file at this  for Quest Aviation INC.
Installed tack	S/N 10	000156	V 649980 a	nd seal P/N	N777ND Hobbs 1044.1	TCM IO-360-ES16B TSMO 203.1
uis agency on Work (		igned <u>Ma</u>	I K LCIII Kali	D East Hwy 1		and is approved for return to service. Details on file for Quest Aviation INC.  Phone (605) 225-8008
	-32	3-2012 100015	56		N777ND Hobbs Time 1077.2	TCM IO-360ES6 TSMOH 338.1
• Serviced • SOAP sa • Ground	with Phil imple coll run prefo	lips X( ected a rmed a identified	20W-50 nd sent to nd leak was repaired	0 oil and to lab. checked in	recordance with Frent Federal Aviation Regulat	tions and is approved for retu-n to service. Details

for Quest Aviation Inc. CRS # OW5R108N

on file ... . his agency on Work ()rder # 5654 Sign. d Mark Lebrkamp

Hwy 12 Aberdeen, South Dakota Phone (605) 225-8008



8-8-2012 S/N 1000156

N777ND Hobbs 1091.3 TCM 1O-360-ES16B TSMO 352.2

- Engine
- Completed an Annual Inspection IAW FAR Part 43 Appendix D and the Mfg.'s inspection guide lines.
- AD 2008-11-18 on the heat exchanger complied with by inspection in accordance with SB 2X-78-07 R1.
- AD 2011-26-07 on the magneto is N/A by model.
- AD 2012-03-06 on the fuel servo is N/A effected part is not installed.
- Compression tested 1-72 2-72 3-73 4-65 5-74 6-73.
- Overhauled #2 alternator P/N 653344 S/N K-039998, Aerotech of Louisville CRS PU4R453M
- Installed new BA-24 air filter element.
- Installed new gasket on the oil filler cap.
- Secured propeller cable mounting forward left side of engine.
- · Grounds run preformed and leak checked okay.

Work Order # 6665 Signed J CRS # OW5R108N	4440 East Hwy 12	Aberdeen, South Dakota	for Quest Aviation In Phone (605) 225-8000

Date	Total	Time	The arm of the state of the con-	Since verhaul	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Maintenance Record
	Hrs.	Min.	Hrs.	Min.	Installations, Inspections, Airworthin Modifications and Service Bulletins	ess Directives, Special Inspections,
Brought Forward		—▶				
	Quest	c. S/N	-2012 1000156		N777ND Hobbs Time 1112.1	TCM 10-360ES6 TSMOH 373.0
• New (	H48108-	aken I filter in eformed :	stalled with	h Phillips 2 tecked oka		
apency on Way	d Order # 60	ent identifie	d was repaired	Verviced in se	conding with Jurrent Eestern Aviation Regulations and is	approved for return to service. Details on file at this
CRS // OWSR		oo Signed N	TALK LEDIKAM	,		for Quest Aviation INC.
	10011		. 44	40 East Hwy 1	Aberdeen, South Dakota	Phone (605) 225-8008
./.		1	2012			
	LUCST N		-2013 1000156		N777ND Hobbs Time 1148.4	TCM 10-360ES6 TSMOH 409.3
• Oil di	ained, fi	lter insp	ected wit	h no discr	epancies noted.	
- Instal	led a nev	w CH48	108-1 filte	r and serv	riced with Phillips 20W-50.	
• SUAI	'sample	taken				
			d and lea			>
The aircraft an	d/or compon	ent identifie	d was repaired	serviced in acc	ordance with purcent Federal Aviation Regulations and is a	approved for return to service. Details on file at this
agency on wor	K Urder # 67	60 Signed M	ark Lehrkamı	0		for Quest Aviation INC.
CRS # OW5R	108N		44	40 East Hwy 12	Aberdeen, South Dakota	Phone (605) 225-8008
	ive		)·•			
-X-One	st 5.	8-2013			NIZZZANIO	19000 SERVICE VIOLE
AVIATIO	IN, INC.	N 1258			N777ND	Cirrus SR-20
Engine					Hobbs 1176.50	ACTT 2136.9
Installed overh     WO# 48			tor drive	coupling a	assembly P/N 635796, S/N DRK116894 f	rom Drake Air Inc
			P/N 653	344 S/N K	-039998 from Aerotech of Louisville, In-	- WO #10/202
· Function and l						C WU #106283.
		1,000		0.7		and is approved for return to service. Details on file at
this agency on Work O	rder# 6831	Signed A	ndy Griese	and	& thin	for Quest Aviation INC.
CRS # OW5R108				10 East Hw	S 22	Phone (605) 225-8008
	reo Ra I	12	+12			
						1
4	0	6-4-	2013		N777ND	TCM 10-360ES6
-	LUESI AVIATION	NC. S/N	1000156		Hobbs Time 1184.9	TSMOH 445.8
- 0:1	leained 4	filter inc	nacted wi	th no diec	repancies noted.	
			하다가면 하네 나보다		viced with Phillips 20W-50.	
00000	P sample				The state of the s	
			ed and lea	k checked	l okay.	=
		Ξ.			cordance with current Federal Aviation Regulations and is a	pproved for return to service. Details on file at this
<b>X</b>	anno e se e di le		Nick Pierson	-//-		for Quest Aviation INC.
CRS # OW5				40 East Hwy I	2 Aberdeen, South Dakota	Phone (605) 225-8008
-	1	1		1		

Date	Total Time	Time Since Last Overhau	Engine Service and M	aintenance Record
	Hrs. Min.	Hrs. Min.	Installations, Inspections, Airworthines Modifications and Service Bulletins	S Directives, Special Inspections
Que AVIAT	9-3-20	13	N777ND	TCM IO-360-ES16B
	S/N 10	00156	Hobbs 1206.6	TSMO 467.5
Engine				
			FAR Part 43 Appendix D and the Mfg	
<ul> <li>AD 2008</li> </ul>	-11-18 on the	heat exchanger	complied with by inspection in accorda	nce with SB 2X-78-07 R1
• Compres	ssions: #1 74	#2 72 #3 72 #	4 70 #5 68 #6 72/80	
		be gasket P/N 65		
<ul> <li>Installed</li> </ul>	#2 cylinder p	oush-rod tube ga	skets P/N 630286 and P/N 534610	
<ul> <li>Installed</li> </ul>	new BA-24 a	ir filter element.		
• Grounds	run preform	ed and leak chec	ked okay.	
I certify that this L	ingine has been ins	pected in accordance wi	th <u>an Annual</u> Inspection and was determined to be air	worthy. Details on file at this agency on for Quest Aviation Inc
Work Order # 689 CRS # OW5R108N		4440 East Hwy 12	Aberdeen, South Dakota	Phone (605) 225-8008
X Ovest	0 4 0012		N777ND	TCM IO-360-ES16

Quest AVIATION, INC.

9-4-2013 S/N 1000156 N777ND Hobbs Time 1218.4

TCM IO-360-ES16I TSMO 479.3

# Engine

- Drained oil, removed filter and inspected, no discrepancies noted.
- Serviced engine with 7qts Phillips XC 20w-50, camgard and CH48108-1 filter.
- Soap sample taken and sent to lab.
- Ground run and leak check performed with no discrepancies noted.

The second secon	tidentified was renaired/serviced	n accordance with current Federal Aviation Regulations and	is approved for return to service. Details on
			for Quest Aviation INC.
file at this agency on Work	Order # 6908 Signed Andy Griese		Phone (605) 225-8008
CRS #OW5R108N	4440 East Hwy 12	Aberdeen, South Dakota	r Done (6005) 225 5000



5-12-14 S/N 1000156

**N777ND** 

Hobbs Time 1251.0

TCM 10-360-ES16B TSMO 511.9

#### Engine

- Drained oil, removed filter and inspected, no discrepancies noted.
- Serviced engine with 7qts Phillips XC 20w-50, camgard and CH48108-1 filter.
- Soap sample taken and sent to lab.
- Ground run and leak check performed with no discrepancies noted.

The aircraft and/or component identified was repaired/serviced in accordance with current Federal Aviation Regulations and is approved for return to service. Details on file at this agency on Work Order # 7041 Signed Andy Griese for Quest Aviation INC. CRS #OW5R108N 4440 East Hwy 12 Phone (605) 225-8008 Aberdeen, South Dakota



8-21-2014 S/N 1000156 N777ND

Hobbs Time 1284.5

TCM 10-360-ES16B

TSMO 545.4

## Engine

- Drained oil, removed filter and inspected, no discrepancies noted.
- Serviced engine with 7qts Phillips XC 20w-50, camgard and CH48108-1 filter.
- Soap sample taken and sent to lab.
- Ground run and leak check performed with no discrepaneics noted.

The aircraft and/or component identified was repaired/serviced in accordance with current Foderal Aviation Regulations and is approved for return to service. Details on

file at this agency on Work Order # 7091 Signed Mark Lehrkamp

Aberdeen, South Dakota

Phone (605) 225-8008

CRS #OW5R108N

4440 East Hwy 12

	Hrs.	i essenie		_352978525L	Modifications and Service Bulletins	
t Forward						
+0	uest AVIATION INC.	10-28-			N777ND	TCM IO-360-ES16B TSMO 567.4
<del>4</del> 8.34		5/N 10	000156		Hobbs 1306.5	1.51110 507.4
Engine			al Inchas	tion TASS	FAR Part 43 Appendix D and the M	Ifa's inspection guide lines
• Comp	neteu an	Annu	ai inspec	HOH IAV	TAR Fart 45 Appendix D and the M	dance with SR 2X-78-07 R1
					complied with by inspection in accord	-
		The second secon	The second second second		44 68 #5 74 #6 74/80	
				The state of the s	ic Aviation Specialized Services INV	14-09119
					d #4 cylinders.	
					ted, no discrepancies noted.	
<ul> <li>Servi</li> </ul>	iced engi	ine with	h Aero-si	nell W80	Mineral and CH48108-1 filter.	
<ul> <li>Insta</li> </ul>	lled new	BA-24	air filte	r element		
• Grou	ınds run	prefor	med and	leak che	cked okay.	
I certify that	this Engine	has been	inspected in	accordance v	with an Annual Inspection and was determined to be	airworthy. Details on file at this agency on for Quest Aviation Inc —
CRS # OWS	the state of the s	ned Mark	Lehrkamp 444	East Hwy 12	2 Aberdeen, South Dakota	Phone (605) 225-8008
CKS # OW.	KIOOI		(6)			<del></del>
	n n	1		1	I control of the second of the	
090						
-X	Quest	10-3	31-2014		N777ND	TCM 10-360-ES16B
7	AVIATION, IN	S/N	1000156		Hobbs 1318.3	TSMO 579.2
Engine						
• Cha	nged oil	and filt	er, servi	ced engine	e with 8qts Phillips XC 20w-50 and ins	talled new CH48108-1 filter.
	r inspect					
	the state of the s					
• Grou	nd run a	nd leak	그리고 전혀 하다다이트를 하시다니다.			
			check c	omplete w	vith no discrepancies noted.	ations and is approved for return to service.
The aircraft	and/or com	ponent ide	check c	omplete v repaired/servic	with no discrepancies noted.	ations and is approved for return to service.
The aircraft Details on fi	and/or com	ponent ide ency on W	check contified was /	omplete v repaired/servic	with no discrepancies noted.  ced in accordance with current Federal Aviation Bould  Mark Lehrkamp	
The aircraft	and/or com	ponent ide ency on W	check contified was /	omplete v repaired/service 7113 Signed.	with no discrepancies noted.  ced in accordance with current Federal Aviation Bould  Mark Lehrkamp	
The aircraft Details on fi	and/or com	ponent ide ency on W	check contified was /	omplete v repaired/service 7113 Signed.	with no discrepancies noted.  ced in accordance with current Federal Aviation Bould  Mark Lehrkamp	
The aircraft Details on fi	and/or com	ponent ide ency on W RS OW5R	check contified was / ork Order # 108N	omplete v repaired/service 7113 Signed.	with no discrepancies noted.  ced in accordance with current Federal Aviation Bould  Mark Lehrkamp	Phone (605) 225-8008  TCM 10-360ES6 -
The aircraft Details on fi	and/or com	ponent ide ency on W RS OW5R	check contified was /	omplete v repaired/service 7113 Signed.	with no discrepancies noted.  Ced in accordance with current Federal Aviation (Column Mark Lehrkamp  Iwy 12  Aberdeen, South Makota	Phone (605) 225-8008
Details on fi	and/or comile at this ag	ponent ide ency on W RS OW5R	check contified was / ork Order # 108N     1000156	omplete vereiered/service 7113 Signed. 4440 East H	with no discrepancies noted.  Ced in accordance with current Federal Aviation for the Mark Lehrkamp  Iwy 12  Aberdeen, South Fakota  N777ND  Hobbs Time 1347.8	Phone (605) 225-8008  TCM 10-360ES6 -
Details on fi	and/or comile at this ag	ponent ide ency on W RS OWSR       02-1	check contified was / ork Order # 108N     1000156	omplete vereiered/service 7113 Signed. 4440 East H	with no discrepancies noted.  Ced in accordance with current Federal Aviation Regular  Mark Lehrkamp  Iwy 12  Aberdeen, South Bakota  N777ND	Phone (605) 225-8008  TCM 10-360ES6 -
Details on fi	and/or comile at this ag	ponent ide ency on W RS OWSR       02-     02-     02-     emoved f	check contified was a lock Order # 108N   1000156	omplete vereiered/service 7113 Signed. 4440 East H	with no discrepancies noted.  Ced in accordance with current Federal Aviation for the Mark Lehrkamp  Iwy 12  Aberdeen, South Fakota  N777ND  Hobbs Time 1347.8	Phone (605) 225-8008  TCM 10-360ES6 -
Details on fi	and/or comile at this ago ion INC. Cl	ponent ide ency on W RS OWSR     02-     02-     02-     S/N     emoved f   taken   Phillips )	check contified was / ork Order # 108N  1000156  ilter and in	omplete vereiered/service 7113 Signed. 4440 East H	with no discrepancies noted.  Ced in accordance with current Federal Aviation for the Mark Lehrkamp  Iwy 12  Aberdeen, South Fakota  N777ND  Hobbs Time 1347.8	Phone (605) 225-8008  TCM 10-360ES6 -
Details on fi	and/or comile at this ago ion INC. Ci	ponent ide ency on W RS OWSR     02-     02-     02-     02-     S/N     emoved f     filter ins   cam-guar	check contified was a fork Order # 108N 1000156 interest and interest	omplete vereiende vereiende vereiende vereinde vereiende	with no discrepancies noted.  Mark Lehrkamp  Iwy 12  Aberdeen, South Makota  N777ND  Hobbs Time 1347.8  discrepancies noted.	Phone (605) 225-8008  TCM 1O-360ES6 -
Details on fi	and/or comile at this ago ion INC. Cl	ponent ide ency on W RS OWSR     02-     02-     02-     02-     S/N     emoved f   taken   Phillips N   filter ins	check contified was a fork Order # 108N   1000156   1000	omplete vereine verein	with no discrepancies noted.  Ced in accordance with current Federal Aviation Equilibrian  Mark Lehrkamp  Iwy 12  Aberdeen, South Bakota  N777ND  Hobbs Time 1347.8  discrepancies noted.	Phone (605) 225-8008  TCM IO-360ES6 TSMOH 608.7
Details on fi	and/or comile at this ago ion INC. Cl	ponent ide ency on W RS OWSR     02-     02-     02-     02-     S/N     emoved f   taken   Phillips N   filter ins	check contified was a fork Order # 108N   1000156   1000	omplete vereine verein	with no discrepancies noted.  Ced in accordance with current Federal Aviation Equilibrian  Mark Lehrkamp  Iwy 12  Aberdeen, South Bakota  N777ND  Hobbs Time 1347.8  discrepancies noted.	Phone (605) 225-8008  TCM IO-360ES6 TSMOH 608.7
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Details on five Control of Contro	and/or comile at this ago ion INC. City of the CH48108 with und run pland/or composed with and/or composed with and/or composed ork Order #7	ponent ide ency on W RS OWSR    02- emoved f taken Phillips > filter ins cam-gual reformed ment identif	check contified was a lock Order # 108N   20-2015   1000156   1000	epaired/services 7113 Signed. 4440 East H	with no discrepancies noted.  Mark Lehrkamp  Iwy 12  Aberdeen, South Makota  N777ND  Hobbs Time 1347.8  discrepancies noted.	Phone (605) 225-8008  TCM IO-360ES6 TSMOH 608.7
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Details on fine Quest Aviation SO/A  Service S	ined Oil, reced with CH48108 and/or competent Order #7	ponent ide ency on W RS OWSR    02- emoved f taken Phillips > filter ins cam-gual reformed nent identif 192 Signed taken	check contified was a fork Order # 108N  108N  1000156  ilter and in Mark Lehrka  Mark Lehrka  1 1000156  ilter and in Mark Lehrka  ilter and in Mark Lehrka	omplete waterwick of the checked oka spected, no spected, no mp	N777ND  Aberdeen, South Bakota  N777ND  Hobbs Time 1347.8  Aberdeen, South Bakota  N777ND  Aberdeen, South Bakota  N777ND  Aberdeen, South Bakota  N777ND  Aberdeen, South Dakota	Phone (605) 225-8008  TCM IO-360ES6 TSMOH 608.7  For Quest Aviation INC. Phone (605) 225-8008  TCM IO-360ES6
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Details on fi Quest Aviati  Dra  SOA  Serve  New  Serve  Gro  The aircraft agency on V  CRS # OW  New  Serve  New  Serve  New  Serve  New  Serve  New  Serve  New  New  New  New  New  New  New  N	and/or complete this against this against the complete th	ponent ide ency on W RS OWSR    02- emoved f taken Phillips > filter ins cam-guar reformed nent identif 192 Signed Phillips > filter ins cam-guar reformed filter ins	check contified was a fork Order # 108N  108N  1000156  ilter and in CC20/50 stalled and leak of Mark Lehrka  Mark Lehrka  1000156  ilter and in CC20/50 stalled  CC20/50 stalled	omplete weepaired/service 7113 Signed. 4440 East H	with no discrepancies noted.  Ced in accordance with current Federal Aviation Begula.  Mark Lehrkamp  Iwy 12  Aberdeen, South Bakota  N777ND  Hobbs Time 1347.8  discrepancies noted.  Aberdeen, South Dakota  N777ND  Hobbs Time 1391.3	Phone (605) 225-8008  TCM IO-360ES6 TSMOH 608.7  For Quest Aviation INC. Phone (605) 225-8008  TCM IO-360ES6
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Details on fit Quest Aviation  Dra SOA Serve Serve Gro The aircraft agency on V CRS # OW  CRS # OW  The aircraft	and/or complete at this again INC. Charlos ined Oil, read with and/or complete of the CH48108 wiced with and/or complete of the CH48108 with and/or ch48108	ponent ide ency on W RS OWSR    02-   02-   02-   02-   02-   02-   03-	check contified was a fork Order # 108N  108N  1000156  ilter and in CC20/50  stalled rd  1 and leak of the continuous and leak of the continuous and in CC20/50  stalled rd  1 and leak of the continuous and lea	omplete verbied/serviced. 7113 Signed. 4440 East H spected, no checked oka	with no discrepancies noted.  Ced in accordance with current Federal Aviation Betula  Mark Lehrkamp  Iwy 12  Aberdeen, South Bakota  N777ND  Hobbs Time 1347.8  discrepancies noted.  Aberdeen, South Dakota  N777ND  Hobbs Time 1391.3  discrepancies noted.	Phone (605) 225-8008  TCM IO-360ES6 TSMOH 608.7  for Quest Aviation INC. Phone (605) 225-8008  TCM IO-360ES6 TSMOH 652.2

	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record	
	Hrs.	Min.	Hrs.	Min.	Installations, Inspections, Airworthiness D Modifications and Service Bulletins	necuves, Special inspections,
rought Forward		>				
Ques	2	5-2015 V 10001	56		N777ND Hobbs Time 1432.9	TCM IO-360ES6 TSMOH 693.8
SOAP sample Serviced with New CH4810 Ground run p	Phillips X Phillips X Ifilter instant preformed Imponent id	I sent to I C20/50 a alled and leak entified wa	ab for ana nd Service checked o	lysis. d with can kay.	ccordance with current Federal Aviation Regulations and	I is approved for return to service.  for Quest Aviation INC.
Details on file at this a CRS # OW5R108N	gency on w	ork Order	4440 East		Aberdeen, South Dakota	Phone (605) 225-8008
Quest	8-5-2 S/N	015 100015	6		N777ND Hobbs Time 1462	TCM IO-360ES6 TSMOH 722.9
SOAP sample to Serviced with P New CH48108 to Ground run pro	aken and s hillips XC filter instal	ent to lat 20/50 and led ad leak ch	for analy I Serviced tecked oka	sis. with cam-	ncies noted at this time.  guard  ordance with current Pederal Viation Regulations and	is approved for return to service.
	ency on Wor					



10-9-2015 S/N 1000156

N777ND Hobbs 1477.7 TCM 10-360-ES16B TSMO 738.6

## Engine

- Completed an Annual Inspection IAW FAR Part 43 Appendix D and the Mfg.'s inspection guide lines
- AD 2008-11-18 on the heat exchanger complied with by inspection in accordance with SB 2X-78-07 R1
- Compressions: #1 72 #2 69 #3 72 #4 75 #5 79 #6 77/80
- Installed new BA-24 air filter element.
- Magnetos 500 hour inspection completed P/N S6LSC-25 (BL-500556-3) S/N's D09CA085R and D09CA083R, -By Aircraft Electrical Components, INC CRS S7HR883J.
- Magnetos reinstalled and timed.
- Grounds run preformed and leak checked okay.

I certify that this Engine has been inspected in accordance with an Annual. Inspection and was determined to be airworthy. Details on file at this agency on for Quest Aviation Inc Work Order # 7289 Signed Mark Lehrkamp Phone (605) 225-8008 Aberdeen, South Dakota 4440 East Hwy 12 CRS # OW5R108N

uest

3-1-2016 S/N 1000156

N777ND Hobbs Time 1488.2

**TCM IO-360ES6** TSMOH 739.1

# Engine

- Drained Oil, removed filter and inspected. No discrepancies noted at this time.
- SOAP sample taken and sent to lab for analysis.
- Serviced with Phillips XC20/50 and Serviced with cam-guard
- New CH48108 filter installed
- Ground run preformed and leak checked okay.

The aircraft and/or component identified was repaired/serviced in accordance with current Eoderal Aviation Regulations and is approved for return to service.

Details on file at this agency on Work Order #7377 Signed Mark Lehrkamp

for Quest Aviation INC. -

CRS # OW5R108N

4440 East Hwy 12

Aberdeen, South Dakota

Phone (605) 225-8008

			Last Over	Hau I	Engine Service and	
	Hrs.	Min.	Hrs.	DAIL I	nstallations, Inspections, Airworthir Modifications and Service Bulletins	
ught Forward		▶				
-X Que	sr .					
AVIATIO		1-23-20			N777ND	TCM 10-360-ES16B
Engine	3	/N 1000	130		Hobbs 1519.6	TSMO 780.5
The state of the s	d an A	nnual I	nspection I	AW FA	R Part 43 Appendix D and the N	Ifa's inspection anide lines
• AD 2008-	11-18	on the h	eat exchans	ger com	plied with by inspection in accord	dance with SB 2X-78-07 R1
• Compress	sions: #	#1 72 #	2 69 #3 72	#4 75	#5 79 #6 77/80	diffice many by and not on and
			askets repla		A DESCRIPTION OF THE PROPERTY	
Secured t			_			
			filter elem	ent.		
Cleaned a			the control of the fact that the fact that the second of t			
<ul> <li>Drained (</li> </ul>	Oil, ren	noved fi	ilter and ins	spected t	with no discrepancies noted at th	is time.
			d sent to lat	The second secon	- [18] [18] [18] [18] [18] [18] [18] [18]	
	보고 있는 생물이 없는 것이다.	The state of the s	C20/50 wit	th cam-g	uard	
<ul> <li>New CH4</li> </ul>	맛을 마하는 때문					
<ul> <li>Grounds</li> </ul>	run pr	eformed	d and leak o	checked	okay.	
I certify that this E	nvine has	been in no	cted in accordan	nce with and	Annual ip pochuland was determined to be a	airworthy. Details on file at this agency on
Work Order # 7509	Signed N		camp	(64		for Quest Aviation Inc
CRS # OW5R108N			4440 East Hw	vy 12	Aberdeen, South Dakota 574	101 Phone (605) 225-8008
				-		
10.000						
-XO.	out	6-29-20	17		N777ND	TCM 10-360ES6
AVIA	TION NG.	S/N 100	0156		Hobbs Time 34.5	TSMOH 815.0
Engine						
	, remove	ed filter an	nd inspected.	No discrep	ancies noted at this time.	
			to lab for anal	4 1.75		
			C20/50 and Sc	erviced wit	h cam-guard	
New CH481     Ground cun	nacette di lacate.		ak checked of	kav:	1.1	
	12.				cordance with current ederal Aviation Regul	ations and is approved for return to service
Details on file at this	100				1 11/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/	for Quest Aviation INC.
CRS#OW5R108N		NATION DIRECTOR CONTRACTOR	4440 East		Abordeen, South Dakota	Phone (605) 225-8008
			WW			
		11				
	1					
					N777ND	TCM 10-360ES6
-X Ques		1-20-201 /N 10001			Hobbs Time 68.4	TSMOH 848.9
/	3/	1 1 1 UUU 1	130		a robbos i anic boss	
Engine				723	T.M. 95 E. N. (1994) 1721	
Drained Oil, r	emoved	filter and	inspected. No	discrepan	cies noted at this time.	
SOAP sample Serviced with	Taken at	nd sent to	18D for analys 20/50 and Serv	sis. viced with	cam-guard	
New CH48108	filter in	stalled	auto and iser			
		d and lank	checked okay	y.		
c aircraft and/or co	mponenti	identified w	vas repaired/serv	viced in acco	rdance with current Forteral Aviation Regulat	ions and is approved for return to service.
tails on file at this a	gency on '	Work Orde	er #7702 Signed	Nick Pierso		for Quest Aviation INC
RS # OW5R108N			4440 East Hw		Aberdeen, South Dakota 57401	Phone (605) 225-8008

Date Total T		tal Time Sinc Last Overha		Sharen and Property of The	Engine Service and Maintenance Re- Installations, Inspections, Airworthiness Directives, Special Inspec	
	Hrs.	Min.	Hrs.	Min.	Modifications and Service Bulletins	ess Directives, Special Inspections,
rought Forward		-				
<ul> <li>AD 2008-1</li> <li>Compress</li> <li>Repaired in CRS# NJ5</li> <li>Replaced #</li> <li>Installed in</li> </ul>	d an Ann 11-18 on ions: #1 R069N #3 bottor	the hear 70 #2° P/N 118	pection t exchar 72 #3 6 85-002 a ter elen	ger com 5 #4 75 and heat	N777ND Hobbs 73.2  AR Part 43 Appendix D and the Mfg plied with by inspection in accordance #5 71 #6 78/80 exchanger P/N 11884-003 – Dawley	nce with SB 2X-78-07 R1
<ul> <li>Adjusted a</li> <li>Idle speed</li> <li>Grounds r</li> </ul>	and mix un prefo	ture ad rmed a	justed. nd leak			Orthy Dataile on Class to
<ul> <li>Idle speed</li> <li>Grounds r</li> </ul>	and mix un prefo	ture ad rmed a inspected	justed. nd leak inacorda	nce with an	Aberdeen South Dakota 57401	for Quest Aviation Inc
Idle speed     Grounds r  I certify that this <u>Eng</u> Work Order # 7783 S	and mix un prefo	ture ad rmed a lehrkam	justed. nd leak in acorda P440 East H	mee with an	Ammial. Inspection and was determined to be air Aberdeen South Dakota 57401	for Quest Aviation Inc Phone (605) 225-8008
<ul> <li>Idle speed</li> <li>Grounds r</li> <li>I certify that this <u>Eng</u></li> <li>Work Order # 7783 S</li> </ul>	and mix un prefo	ture ad rmed a lehrkam	justed. nd leak in acorda P440 East H	mee with an	Ammial. Inspection and was determined to be air Aberdeen South Dakota 57401	for Quest Aviation Inc Phone (605) 225-8008
<ul> <li>Idle speed</li> <li>Grounds r</li> <li>I certify that this <u>Eng</u></li> <li>Work Order # 7783 S</li> </ul>	and mix un prefo	ture ad rmed a lehrkam	justed. nd leak in acorda P440 East H	mee with an	Ammial. Inspection and was determined to be air Aberdeen South Dakota 57401	for Quest Aviation Inc Phone (605) 225-8008
Idle speed     Grounds r  I certify that this <u>Eng</u> Work Order # 7783 S	and mix un prefo	ture ad rmed a lehrkam	justed. nd leak in acorda P440 East H	mee with an	Ammial. Inspection and was determined to be air Aberdeen South Dakota 57401	for Quest Aviation Inc Phone (605) 225-8008
Idle speed     Grounds r  I certify that this <u>Eng</u> Work Order # 7783 S	and mix un prefo	ture ad rmed a lehrkam	justed. nd leak in acorda P440 East H	mee with an	Ammial. Inspection and was determined to be air Aberdeen South Dakota 57401	for Quest Aviation Inc Phone (605) 225-8008
Idle speed     Grounds r  I certify that this <u>Eng</u> Work Order # 7783 S	and mix un prefo	ture ad rmed a lehrkam	justed. nd leak in acorda P440 East H	mee with an	Ammial. Inspection and was determined to be air Aberdeen South Dakota 57401	for Quest Aviation Inc Phone (605) 225-8008

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Date	Tota	Time	Time	ime Since st Overhaul Installations Increase:				Description	
	Hrs.	Min.	Hrs.				Wainten	ance Record	
/ -				Min.	Modifications	Inspections, Airworthin and Service Bulletins	ess Directives	, Special Inspections,	
* Quest	8-9-2	2019						_	
,		1000150	6		N777ND		TCM IC	0-360-ES16B	
Engine  Completed a	n Annı	al I.			Hobbs 104		TS	SMO 884.8	
• AD 2008-11-	18 on t	he heat	ection I	AW FA	R Part 43 App	 endix D and the Mfg. Ispection in accordar 80			
<ul> <li>Compression</li> </ul>	is: #1 7	0 #2 6	exchang 9 #3 57	ger com <sub>l</sub>	olied with by in #5 79 #6 75/8	ispection in accordan	's inspection	guide lines	
• Drained oil,	remove	d filter	and ins	n4 /4 Dected	#5 79 #6 75/8	30	ice with SB 2	X-78-07 R1	
• SUAF Samin	e raken	and co	-44 -		llvsis				
Der viced vill	v yts.	FIIIIIn	e XCOO	50 and 8	llysis. Serviced with c	0m 1			
New CH4810 Replaced #2	% 111ter & #1 +1	install	ed		with (	am-guard			
Replaced #2 Installed new									
Installed ove	rhauled	l starte	r adans	ent.	16000			, inc – Montrose, CO	
WO# W0558	35 - CF	RS# WS	9R575.1	er P/N 6	46220A53 S/N	WSW055835 - West	ern Skywaya	ine Manta	
certify that this Engine	has been	inspector			/				
ork Order # 7975 Sign	ed Mark	Lehrkamn	iii accordai	nce with <u>an</u>	Annual Inspection	and was determined to be air	Worthy Data!!-	Sie and	
RS # OW5R108N		44	40 East Hy	vv 12	//		***	file at this agency on or Quest Aviation Inc	
				vy 12	Al	perdeen, South Dakota 57401		Phone (605) 225-8008	
1	1			12				(000) 225-0000	
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					-				
Cros	s Coun	try Avia	ition						
TCM	[: IO-36	60-ES				N777ND			
SN:	100015	6				Hobbs: 120			
CL						Date: 12-0	5-2019		
Unar Insta	lled a -	and fil	ter. Ope	ned old f	ilter to check fo	or metal. No metal wa	s found	*	
100 1	// 50 ar	rew CH	48-108-	I oil filte	er. Serviced eng	or metal. No metal wa ine with 7 quarts of A	eroshell		
		rvice. E		or Camg	aurd oil additiv	ine with 7 quarts of A e. Run leak and ops cl	heck ok.		
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						Josh Hoffn	nan		
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Hrs. Min. Hrs. Min. Hrs. Min. Installations, proceedings, Arworthiness Directives, Special Inspection Modifications and Service Bulletins  Cross Country Aviation N777ND TCM: IO-360-ES SN: 1000156  Changed oil and filter. Opened old filter to check for metal. No metal was found. Installed a new CH48-108-1 oil filter. Serviced engine with 7 quarts of Aeroshell 100 W 50 and 11.2 ounces of Camgaurd oil additive. Run leak and ops check ok. Return to service. End.  Cross Country Aviation N777ND TCM IO-360-ES SN: 1000156 TCM 10-360-ES SN: 1000156 TSMOH: 926.8  Date: 08-01-2020  100 hour inspection completed IAW the engine service manual. Cleaned fuel screen. Lubed all controls. Checked mag to engine timing. Cleaned, gapped and rotated spark plugs. Compressions are as follows: #1 70/80, #2 70/80, #3 70/80, #47480, #5 76/80, #6 75/80. Changed oil filter. Opened filter to check for metal, no metal found. Installed a new CH48-108-1 oil filter. All work completed IAW the engine service manual. Washed engine. Aircraft run leak and ops check ok. I. certify that this engine has been inspected IAW a 100 hour inspection and was found to be in airworthy condition. End.  N777ND HoBBS: 155.6 Continental, IO-360-ES, SIN: 1000156 November 01, 2021 N77TND HoBBS: 155.6 Continental, IO-360-ES, SIN: 1000156 November 01, 2021 NFORD AND AND AND AND AND AND AND AND AND AN	Date	Date		Total Time		ne Since Overhau	I Flighte Service and Maintenance Record
Cross Country Aviation TCM: IO-360-ES SN: 1000156 Date: 06-03-2020 Changed oil and filter. Opened old filter to check for metal. No metal was found. Installed a new CH48-108-1 oil filter. Serviced engine with 7 quarts of Aeroshell 100 W 50 and 11.2 ounces of Camgaurd oil additive. Run leak and ops check ok. Return to service. End.  Cross Country Aviation TCM 10-360-ES SN: 1000156 TSMOH: 926.8 Date: 08-01-2020  100 hour inspection completed IAW the engine service manual. Cleaned fuel screen. Lubed all controls. Checked mag to engine timing. Cleaned, gapped and rotated spark plugs. Compressions are as follows: #1 70/80, #2 70/80, #3 70/80, #4 74/80, #5 78/80, #6 75/80, h6 75/80. Changed oil filter. Opened filter to check for metal, no metal found. Installed a new CH48-108-1 oil filter. All work completed IAW the engine service manual. Washed engine. Aircraft run leak and ops check ok. I certify that this engine has been inspected IAW a 100 hour inspection and was found to be in airworthy condition. End.  N777ND  Engine  Page 1 of 1  N777ND  N777ND  TCM 10-360-ES SN: 1000156 November 01, 2021 TSMOH: 936.1  SN: 1000156 November 01, 2021 TSMOH: 936.1  Oph Hoffman  Page 1 of 1  N777ND  November 01, 2021 TSMOH: 936.3  Completed Engine Annual Inspection/service IAW Part 43 Appendix d and Cirrus Service manual checklist. All AD's completed with IAW latest AD report and bi-weekly update. Compressions on cylinders are as follows: #163, #258, #362, #467, #365, #267 all over 80 ps. Engine oil drained and reserviced with 7 Ouatris of 20W+50. Engine oil filter removed and replaced with AA48108-2. Old filter cut open authoritionance and service manuals. Engine ground run-up completed with no leaks or delects noted. I certify that this engine has been inspected IAW an Annual inspection with respect to the work performed, this engine is approved for return to service.			Hrs.	Min	. Hrs	. Min	installations, inspections, Airworthiness Directives, Special Inspection
TCM: 10-360-ES SN: 1000156 SN: 1000156 SN: 1000156 Changed oil and filter. Opened old filter to check for metal. No metal was found. Installed a new CH48-108-1 oil filter. Serviced engine with 7 quarts of Aeroshell 100 W 50 and 11.2 ounces of Camgaurd oil additive. Run leak and ops check ok. Return to service. End.  Cross Country Aviation TCM 10-360-ES SN: 1000156 Date: 08-01-2020  100 hour inspection completed IAW the engine service manual. Cleaned fuel screen. Lubed all controls. Checked mag to engine timing. Cleaned, gapped and rotated spark plugs. Compressions are as follows: #1 70/80, #2 70/80, #3 70/80, #4 74/80, #5 76/80, #6 75/80. Changed oil filter. Opened filter to check for metal, no metal found. Installed a new CH48-108-1 oil filter. All work completed IAW the engine service manual. Washed engine. Aircraft run leak and ops check ok. I certify that this engine has been inspected IAW a 100 hour inspection and was found to be in airworthy condition. End.  N777ND Continental, IO-360-ES, S/N: 1000156 November 01, 2021 TSMOH: 936.1 Completed Engine Annual Inspection/service IAW Part 43 Appendix d and Cirrus Service manual chacklist. All AD s complete with 14W tatest AD report and b-weekly update. Compressions on cylinders are as follows: #1 All AD s completed with 14W tatest AD report and b-weekly update. Compressions on cylinders are as follows: #1 All AD s completed with 14W tatest AD report and b-weekly update. Compressions on cylinders are as follows: #1 All AD s completed with 14W tatest AD report and b-weekly update. Compressions on cylinders are as follows: #1 All AD s completed with 14W tatest AD report and b-weekly update. Compressions on cylinders are as follows: #1 All AD s completed with 14W tatest AD report and b-weekly update. Compressions on cylinders are as follows: #1 All AD s completed law in an Annual inspection with respect to the work performed, this engine is approved for return to service.	Brought Forwar	d ·		-			2 and and
Installed a new CH48-108-1 oil filter. Serviced engine with 7 quarts of Aeroshell 100 W 50 and 11.2 ounces of Camgaurd oil additive. Run leak and ops check ok. Return to service. End.  Cross Country Aviation TCM 10-360-ES Hobs: 146.3 TSMOH: 926.8  S/N: 1000156 TSMOH: 926.8  Date: 08-01-2020  100 hour inspection completed IAW the engine service manual. Cleaned fuel screen. Lubed all controls. Checked mag to engine timing. Cleaned, gapped and rotated spark plugs. Compressions are as follows: #1 70/80, #2 70/80, #3 70/80, #4 74/80, #5 76/80, #6 75/80. Changed oil filter. Opened filter to check for metal, no metal found, Installed a new CH48-108-1 oil filter. All work completed IAW the engine service manual. Washed engine. Aircraft run leak and ops check ok. I certify that this engine has been inspected IAW a 100 hour inspection and was found to be in airworthy condition. End.  Installed a new CH48-108 Popper of the proper of the			Τ	CM:	O-360-E		Hobbs: 146.0
Cross Country Aviation TCM 10-360-ES S/N: 1000156 Date: 08-01-2020  100 hour inspection completed IAW the engine service manual. Cleaned fuel screen. Lubed all controls. Checked mag to engine timing. Cleaned, gapped and rotated spark plugs. Compressions are as follows: #1 70/80, #2 70/80, #3 70/80, #4 74/80, #5 76/80, #6 75/80. Changed oil filter. Opened filter to check for metal, no metal found. Installed a new CH48-108-1 oil filter. All work completed IAW the engine service manual. Washed engine. Aircraft run leak and ops check ok. I certify that this engine has been inspected IAW a 100 hour inspection and was found to be in airworthy condition. End.    Installed a new CH48-108-1 oil filter. All work completed IAW a 100 hour inspection and was found to be in airworthy condition. End.    Installed Installed Installed IAW a 100 hour inspection/service IAW Part 43 Appendix d and Cirrus Service manual checklist. All AD's compiled with IAW latest AD report and bi-weekly update. Compressions on cylinders are as follows: #163, #2/68, #3/62, #4/67, #5/65, #6/70 all over 80 psi. Engine oil drained and reserviced with 7 Quarts of 20W-50. Engine oil filter removed and replaced with A48108-2. Oil filter out open and checklist. All AD's compiled with IAW latest AD report and bi-weekly update. Compressions on cylinders are as follows: #163, #2/68, #3/62, #4/67, #5/65, #6/70 all over 80 psi. Engine oil drained and reserviced with 7 Quarts of 20W-50. Engine oil filter removed and replaced with A48108-2. Oil filter out open and Volumis Maintenance and service manuals. Engine ground run-up completed with no leaks or defects noted. I certify that this ongine has been inspected IAW an Annual inspection With respect to the work performed, this engine is approved for return to service.			1	nstalle 00 W	d a new 50 and 1	CH48-10 1.2 ounce	08-1 oil filter. Serviced engine with 7 quarts of Aeroshell
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Engine page 1 of 1  N777ND Continental, IO-360-ES, S/N: 1000156 November 01, 2021  HOBBS: 155.6 TSMOH: 936.1  Completed Engine Annual Inspection/service IAW Part 43 Appendix d and Cirrus Service manual checklist. All AD's complied with IAW latest AD report and bi-weekly update. Compressions on cylinders are as follows: #1/63, #2/68, #3/62, #4/67, #5/65, #6/70 all over 80 psi. Engine oil drained and reserviced with 7 Quarts of 20W-50. Engine oil filter removed and replaced with AA48108-2. Old filter cut open and checked for contaminates no defects found. Spark plugs removed, cleaned, gapped, and tested before re-installation. Removed, cleaned, inspected, and installed fuel injection nozzles. ALL maintenance performed IAW Cirrus Maintenance and service manuals. Engine ground run-up completed with no leaks or defects noted. I certify that this engine has been inspected IAW an Annual inspection With respect to the work performed, this engine is approved for return to service.			an #3 ch we ru	nd rota 3 70/80 neck fo ork co n leak	ted sparl ), #4 74/6 or metal, mpleted and ops	c plugs. C 80, #5 76 no metal IAW the check ok	Compressions are as follows: #1 70/80, #2 70/80, #6 75/80. Changed oil filter. Opened filter to found. Installed a new CH48-108-1 oil filter. All engine service manual. Washed engine. Aircraft I certify that this engine has been inspected IAW
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