## FAA Airworthiness Directives Compliance Record

Company:

Category: Engine

Manufacturer: Continental Motors

Model: IO-470-VO

Position: R/H

Aircraft Registration No: ATP Revision: 08/06/2019

P/N:

S/N: 171260-R

2009-24-52 E 11/18/2009	2010-11-04 06/16/2010	2012-03-06 C 02/24/2012	2016-16-12 09/15/2016	Issue Number Effective Date Amendment #
Superseded by 2010-11-04	To prevent excessive hydraulic lifter wear, which can result in loss of engine power & loss of control of the airplane	To prevent an in-flight engine shutdown due 08/07/2012 to a failed fuel servo diaphragm, and Hrs: 968.2 damage to the airplane C:	To prevent failure of the cylinder assemblies, which could lead to failure of the engine, in-flight,contd.	Description
02/13/2010 Hrs: 3414,9 C:	05/13/2011 Hrs: 3456.6 C: –	08/07/2012 Hrs: 968.2 C:	02/06/2017 Hrs: 1053 C:	Complied
N/A - engine manufactured prior to June 19, 2009 and has not had any hydraulic lifters replaced after June 19, 2009.	N/A - engine manufactured prior to June 19, 2009 and has not had any hydraulic lifters replaced after June 19, 2009.	NA by manufacture - No not installed.	N/A - engine not builtNo by Continental Motors, San Antonio	Method of Compliance
No	No	No	No	Recur
D: Hrs: C:	D: C:	D: Hrs: C:	D: Hrs: C:	Next Due
Metro Aviation Group A&P392782196IA/ Rodney Getter	Poplar Grove Airmoti YYBR664L/CRS	U of Central Missour CMXR907C/CRS Paul Adams	Air Associates A&P3309146IA/ Daryl Hanus	Facility Cert No. / Type Authorized By Signed

98-17-11 C 10/19/1998	99-09-17 L 04/22/1999	99-19-01	2000-08-51 E 04/28/2000	2000-23-21 12/12/2000	00-00-01 01/22/2001	2007-04-19 R1 05/07/2007	2009-19-07 C2 10/07/2009	2009-24-51 E 11/16/2009	Issue Number Effective Date Amendment #
TO PREVENT CRANKSHAFT FAILURE DUE TO CRACKING, WHICH COULD RESULT IN AN INFLIGHT ENGINE FAILURE AND POSSIBLE, CONTD.	Superseded by 99-19-01	To prevent crankshaft failure due to crankshaft cheek cracks, which could result in total engine power loss,contd.	Superseded by 2000-23-21	To prevent crankshaft connecting rod journal fracture, which could result in total engine power,contd.	Important for Cessna Oil Filter Adapter Assemblies listed in AD 96-12-22	To prevent cylinder separation that can lead to engine failure, possible engine compartment fire, and,contd.	[Recurring] To prevent loss of engine power 02/13/2010 due to cracks in the cylinder head, possible Hrs: 3414.9 engine failure, and fire in,contd.	Superseded by 2009-24-52	Description
05/28/2000 Hrs: 0 C:	 Hrs: C:	05/28/2000 Hrs: 0 C:	 Hrs: C:	10/09/2001 Hrs: 2821.8 C:	 Hrs: C:	12/19/2008 Hrs: 3371.1 C:	02/13/2010 Hrs: 3414.9 C:	C: -	Complied
C/W at manufacture	Superseded by 99-19-No	C/W at manufacture	Superseded by 2000- No 23-21	N/A by engine S/N	Ref AD 96-12-22	N/A - Superior Air parts cylinder not installed.	N/A - EQ3 cylinders No not installed	Superseded by 2009- 24-52	Method of Compliance
No		N <sub>o</sub>		No	No	No		Z <sub>o</sub>	Recur
D: Hrs: C:	D: Hrs: C:	D: Hrs: C:	D: Hrs: C:	D: Hrs: C:	D: Hrs: C:	D: Hrs: C:	D; Hrs: C;	D: Hrs:	Next Due
Lycoming 508/Production Dennis Stewart		Lycoming 508/Production Dennis Stewart		Lindner Aviation C5LR991C/CRS Paul Posey		Metro Aviation Group A&P3927821961A/ Rodney Getter	Metro Aviation Group A&P3927821961A/ Rodney Getter		Facility Cert No. / Type Authorized By Signed

Category: Engine Position: L/H ATP Revision: 08/06/2019

P/N:

Manufacturer: Continental Motors

Model: 10-470-VO S/P

S/N: 171209-R

2007-04-19 R1 05/07/2007	2009-19-07 C2 10/07/2009	2009-24-51 E 11/16/2009	2009-24-52 E 11/18/2009	2010-11-04 06/16/2010	2012-03-06 C 02/24/2012	2016-16-12 09/15/2016	Issue Number Effective Date Amendment #
To prevent cylinder separation that can lead to engine failure, possible engine compartment fire, and,contd.	[Recurring] To prevent loss of engine power 02/13/2010 due to cracks in the cylinder head, possible Hrs: 1175.7 engine failure, and fire in,contd.	Superseded by 2009-24-52	Superseded by 2010-11-04	To prevent excessive hydraulic lifter wear, which can result in loss of engine power & loss of control of the airplane	To prevent an in-flight engine shutdown due 08/07/2012 to a failed fuel servo diaphragm, and Hrs: 1274.9 damage to the airplane C:	To prevent failure of the cylinder assemblies, which could lead to failure of the engine, in-flight,contd.	Description
Hrs: 1131.9 C:	r 02/13/2010 Hrs: 1175.7 C:	 Hrs: C:	02/13/2010 Hrs: 1175.7 C:	05/29/2011 Hrs: 1217.5 C:	08/07/2012 Hrs: 1274,9 C:	02/06/2017 Hrs: 1359.7 C:	Complied
N/A - Superior Aircraft Parts cylinders not installed.	N/A - EQ3 cylinders are not installed.	Superseded by 2009- No 24-52	N/A - Engine was manufactured before June 19,2009 and has not had any hydraulic lifters replaced after June 19, 2009.	N/A - Engine was manufactured before June 19,2009 and has not had any hydraulic lifters replaced after June 19, 2009.	NA by manufacture - No not installed	not built al Antonio	Method of
No	No		No	No		_	Recur
D: C:	D: Hrs: C:	D: Hrs: C:	D: Hrs: C:	D: Hrs: C:	D: Hrs: C:	D: Hrs: C:	Next Due
Metro Aviation Group A&P392782196IA/ Rodney Getter	Metro Aviation Group A&P3927821961A/ Rodney Getter		Metro Aviation Group A&P3972782196IA/ Rodney Getter	A&P43919IA/ Mark Macey	U of Central Missour CMXR907C/CRS Paul Adams	Air Associates A&P3309146IA/ Daryl Hanus	Facility Cert No. / Type Authorized By Signed

96-12-22 07/31/1996	97-15-01 L 07/30/1997	97-21-02 10/27/1997	98-17-11 C 10/19/1998	99-09-17 L 04/22/1999	99-19-01 09/30/1999	2000-08-51 E 04/28/2000	2000-23-21 12/12/2000	01/22/2001	Issue Number Effective Date Amendment #
[Recurring] TO PREVENT LOSS OF ENGINE OIL CAUSED BY LOOSE OR SEPARATED OIL FILTER ADAPTERS, WHICH COULD RESULT IN ENGINE, CONTD.	Superseded by 97-21-02	TO PREVENT EXTREME SIDE LOADING OF THE PISTON, AND CONSEQUENT FAILURE OF THE PISTON AND ENGINE	TO PREVENT CRANKSHAFT FAILURE DUE TO CRACKING, WHICH COULD RESULT IN AN INFLIGHT ENGINE FAILURE AND POSSIBLE,CONTD.	Superseded by 99-19-01	To prevent crankshaft failure due to crankshaft cheek cracks, which could result in total engine power loss, contd.	Superseded by 2000-23-21	To prevent crankshaft connecting rod journal fracture, which could result in total engine power,contd.	Important for Cessna Oil Filter Adapter Assemblies listed in AD 96-12-22	Description
08/07/2019 Hrs: 3615.1 C: —	05/08/2018 Hrs: 1370.5 C:	02/13/1999 Hrs: 0 C:	02/13/1999 Hrs: 0 C:	Hrs: C:	05/28/2011 Hrs: 1217.5 C:	Hrs: C: -	10/09/2001 Hrs: 556 C:	Hrs: C:	Complied
C/W by visual inspecton	Superseded by 97-21-No	C/W at manufacture	C/W at manufacture	Superseded by 99-19-No 01	N/A by date	Superseded by 2000- No 23-21	N/A by engine S/N	Reference AD 96-12-No 22	Method of Compliance
Yes	No	N <sub>o</sub>	N <sub>o</sub>	N <sub>O</sub>	N <sub>o</sub>	Zo	No	Z	Recur
D: Hrs: 3665.1 C:	D: Hrs: C:	D: Hrs: C:	D: Hrs: C:	D: Hrs: C:	D: Hrs: C:	D: Hrs: C:	D: Hrs: C:	D: Hrs: C:	Next Due
Elite Aviation A&P 3448198/ J Zarres	Elite Aviation A&P1746048751A/ John Meyers	Lycoming 508/Production TCM32	Lycoming 508/Production TCM32		A&P473919IA/		Lindner Aviation C5LR991C/CRS Paul Posey		Facility Cert No. / Type Authorized By Signed

70-14-07   TO PRE'	88-03-06 TO PRE 04/15/1988 ENGINE ENGINE	91-19-03 TO PRE 09/29/1991 COLLAI WHICH PRESSU	93-10-02 TO PRE 08/12/1993 DUE TO RETAIN	93-08-17 TO PRE 08/23/1993	Issue Number Effective Date Amendment # Description
TO PREVENT LOSS OF THE FÜEL INJECTION PUMP ADJUSTABLE BYPASS NEEDLE	TO PREVENT POSSIBLE LOSS OF ENGINE OIL AND SUBSEQUENT ENGINE FAILURE	TO PREVENT OPERATION WITH COLLAPSED OIL FILTER ELEMENTS, WHICH CAN RESULT IN LOSS OF OIL PRESSURE, CONTD.	TO PREVENT AN ENGINE FAILURE   02/13/1 DUE TO A MISSING CYLINDER VALVE Hrs: 0 RETAINER KEY   C:	TO PREVENT AN ENGINE FAILURE	ion
02/13/1999 Hrs: 0 C: —	02/13/1999 Hrs: 0 C:	02/13/1999 Hrs: 0 C:	999	02/13/1999 Hrs: 0 C:	Complied
C/W at manufacture - No replaced with new part per M70-10	C/W at manufacture	C/W at manufacture	C/W at manufacture	C/W at manufacture	Method of Compliance
ło	No .	No	Z <sub>o</sub>	Z <sub>o</sub>	Recur
D: Hrs: C:	D: Hrs: C:	D; Hrs: C:	D; Hrs: C;	D: Hrs: C:	Next Due
Lycoming 508/Production TCM32	Lycoming 508/Production TCM32	Lycoming 508/Production TCM32	Lycoming 508/Production TCM32	Lycoming 508/Production TCM32	Facility Cert No. / Type Authorized By Signed

Category: Airframe Position: Twin ATP Revision: 08/06/2019

Manufacturer: Cessna Aircraft Company

**Model:** 310N S/

any **P/N:** S/N: 310N0171

WGM808/ CL Prince	D: Hrs: C:	Zo	P/C/W	Hrs: 1015.2 C:	TO PRECLUDE WING FUEL TIP TANK NOSE CAP EXPLOSIONS	76-08-02 R2 01/31/1983
WGM808/	D: Hrs: C:	Z o	P/C/W	05/23/1988 Hrs: 1277.5 C:	TO PRECLUDE MISFUELING OF THE AIRPLANE RESULTING IN ENGINE FAILURE	87-21-02 R1 06/16/1989
Lindner Aviation C5LR991C/CRS Paul Posey	D: Hrs: -	N <sub>o</sub>	No longer applicable - new bearing P/N 5141109-1 installed.	10/12/2000 Hrs: 2589,8 C: –	[Recurring] TO ASSURE STRUCTURAL II0. INTEGRITY OF THE MAIN GEAR HE BARREL INNER BEARING & PREVENT C: JAMMING OF THE INNER & OUTER,CONTD.	90-02-13 02/05/1990
Elite Aviation A&P 3448 198  Jeanvos	D: Hrs: 3665.1 C:	Yes	C/W by visual inspection. Due next filter change.	08/07/2019 Hrs: 3615.1 C: —	[Recurring] TO PREVENT LOSS OF ENGINE OIL CAUSED BY LOOSE OR SEPARATED OIL FILTER ADAPTERS, WHICH COULD RESULT IN ENGINE, CONTD.	96-12-22 07/31/1996
CMXR907C/CRS	D: Hrs: C:	No	C/W by installing placards and flight manual supplement.	12/08/2014 Hrs: 3562.8 C: —	To prohibit flight into known icing conditions as well as increase the approach speed in case of an inadvertent, contd.	2014-03-03 04/07/2014
	D: Hrs: C:	No	Superseded by 2016- No 17-08	Hrs: C:	[Recurring] Superseded by 2016-17-08	2016-07-24 04/26/2016
Elite Aviation A&P 3448198/ J Zapros	D: 08/06/2020 Hrs: 3725.1 C:	Yes	th by tion of dware.	08/07/2019 Hrs: 3615.1 C: —	[Recurring] To prevent jamming of the elevator trim tab in a position outside the normal limits of travel due,contd.	2016-17-08 09/12/2016
Facility Cert No. / Type Authorized By Signed	Next Due	Recur	Method of Compliance	Complied	Description	Issue Number Effective Date Amendment #

4 V.7 V				MACALINA SANTA (A. A. C. A.) AND		Facility
Effective Date			Method of			Cert No. / Type Authorized By
Amenunien #	Description	Complied	e	Recur	Next Due	Signed
72-14-08 R1 09/04/1981	[Recurring] TO DETERMINE CONDITION OF FLAMMABLE FLUID-	08/07/2019 Hrs: 3615.1	Visually inspected - no defects noted.	Yes	D: - Hrs: 3665.1	Elite Aviation A&P 3448198/
	CARRYING FLEXIBLE HOSE ASSEMBLIES IN THE ENGINE COMPARTMENT	C:			C:	J Zarves ( Quy
75-05-08 01/01/197 <i>5</i>	Superseded by 76-08-02	 Hrs:	Superseded by 76-08-No 02	No	D: Hrs:	(
		Ü			; ;	
73-07-07 04/06/1973	TO DETERMINE CONDITION OF FUEL  11/17/197   LINES, ELECTRICAL WIRING, AND TO Hrs. 792	11/17/1976 Hrs: 792	Previously complied with by installation of	No	D: Hrs:	WGM808/
	DETECT LOOSE FITTINGS AND ATTACHMENTS, TO REDUCE, CONTD.	C:	mod kit SK310-90.		C:	C L Prince
73-01-02 01/05/1973	TO PREVENT MOISTURE FROM   11/17/1979   POSSIBLY ENTERING THE ALTERNATHES: 1015.2	11/17/1979 Hrs: 1015.2	Previously complied with by installation of	No	D: Hrs:	WGM808/
	AIR SYSTEM AND FREEZING ON POWERPLANT, CONTD.	C: -	alt air deflector	99 <sub>1</sub>	C:	Russell W Popel
72-03-07	TO PREVENT LANDING GEAR	11/14/1972	N/A by aircraft S/N	No	D:	(IDAA70)
02/09/1972	FAILURE	Hrs: 588 C:			C: -	VRM479/ CL Prince
69-14-01 R(1) 07/11/1969	TO PREVENT FUEL STARVATION DURING HIGH ANGLE DESCENT	11/17/1979 Hrs: 445.8 C: —		, , ,	D: Hrs: C:	VRM479/ C L Prince

Category: Propeller

Manufacturer: Hartzell Propeller

Model: PHC-J3YF-2UF

Position: L/H

**ATP Revision:** 08/06/2019

S/N: ED5682B

P/N:

2001-07-03 C 06/04/2001 2006-18-15 09/25/2006 77-12-06 R(2) 12/21/1977 01/01/1974 05/01/1977 06/13/2002 08/17/2005 01/30/2008 2002-09-08 2005-14-11 2007-26-09 Amendment# Effective Date Issue Number 74-15-02 75-07-05 Superseded by 77-12-06 Superseded by 77-12-06 To prevent propeller failure of the propellers 02/13/2010 returned to service by BASCO, & possible Hrs: 3414.9 Superseded by 2007-26-09 To prevent blade failure that could result in separation of a propeller blade and loss of [Recurring] Superseded by 2002-09-08 control of the airplane shank radius, which can,contd. Description loss of airplane control [Recurring] Superseded by 2009-22-03 from fatigue cracks in the aluminum blade To prevent failure of the propeller blade Hrs: -Hrs: 3414.9 C: Hrs: -02/13/2010 Hrs: -Hrs: -Hrs: 3414.9 Hrs: --C: --Hrs: 3414.9 02/13/2010 Complied į returned to service by BASCO. No further All blades above S/N Superseded by 2002- No N/A - this propeller Hartzell Propeller the AD date by manufactured after N/A - propeller Compliance Method of action required. has never been C/W at manufacture. Z Z Ö N<sub>o</sub> ö Z ö C: Hrs: -C: -C: Hrs: -Hrs: -Hrs: -Hrs: --D: Ö Hrs: --<u>U</u>: <u>U</u>:  $\ddot{\mathbf{c}}$ Ü Next Due 1 ſ ł į Signed Metro Aviation Group A&P392782196IA/ Metro Aviation Group A&P392782196IA/ Rodney Getter Rodney Getter Authorized By Rodney Getter A&P392782196IA/ Metro Aviation Group Cert No. / Type Facility

Issue Number Effective Date Amendment #	Description	Complied	Method of	Recur	Next Due	Facility Cert No. / Type Authorized By Signed
73-10-03	by 77-12-06		THE RESERVE THE PROPERTY OF THE PERSON NAMED IN			
01/01/1973		Hrs: - C: -			Hrs: - C: -	
70 02 01				1		
70-02-01	Superseded by 73-10-03	ı		No	D: -	
01/01/1970		Hrs: -			Hrs:	
					C:	
70-16-03 R	Superseded by 77-12-06	****		No	D:	
01/01/1970		Hrs:			Hrs: -	
		С: -			C:	

08/07/2019 J:24 PM

Category: Propeller Position: R/H ATP Revision: 08/06/2019

Manufacturer: Hartzell Propeller

Model: PHC-13YF-2UF

S/N: ED5684B

P/N:

73-10-03 01/01/1973	74-15-02 01/01/1974	75-07-05 05/01/1977	77-12-06 R(2) 12/21/1977	2001-07-03 C 06/04/2001	2002-09-08 06/13/2002	2005-14-11 08/17/2005	2007-26-09 01/30/2008	Issue Number Effective Date Amendment #
Superseded by 77-12-06	Superseded by 77-12-06	Superseded by 77-12-06	[Recurring] Superseded by 2002-09-08	To prevent propeller failure of the propellers 02/13/2010 returned to service by BASCO, & possible Hrs: 3414.9 loss of airplane control C:	Superseded by 2007-26-09	To prevent blade failure that could result in separation of a propeller blade and loss of control of the airplane	To prevent failure of the propeller blade from fatigue cracks in the aluminum blade shank radius, which can,contd.	
Hrs: -	Hrs: C:	Hrs:	Hrs:	rs 02/13/2010 Hrs: 3414.9 C:	Hrs: C:	Hrs: 3414.9 C:	Complied 02/13/2010 Hrs: 3414.9 C:	:
				N/A - this propeller has never been returned to service by BASCO. No further action required.		N/A - propeller manufactured after the date of this AD.	Compliance C/W at manufacture. All blades above S/N D47534.	Method of
N <sub>O</sub>	No	N <sub>o</sub>	No	, No	N <sub>o</sub>	No	No No	7
D: Hrs: C:	D: Hrs: C:	D: Hrs: C:	D: Hrs: C:	D: C:	D: Hrs: C:	D: C:	Next Due D: Hrs: C:	
				Metro Aviation Group A&P3927821961A/ Rodney Getter		Metro Aviation Group A&P3927821961A/ Rodney Getter	Metro Aviation Group A&P392782196IA/ Rodney Getter	Facility Cert No. / Type Authorized By

70-16-03 R 01/01/1970	70-02-01 01/01/1970	Issue Number Effective Date Amendment #
Superseded by 77-12-06	Superseded by 73-10-03	Description
Hrs: C: -	 Hrs: C:	Complied
		Method of Compliance
No.		Recur
D: C:	D: C:	Next Due
		Facility Cert No. / Type Authorized By Signed

Position:

ATP Revision: 08/06/2019

P/N: 96C62-1

Model: B3040 Heater

S/N: 03019053

80-09-10 05/08/1980	82-07-03 05/06/1982	96-20-07 11/14/1996	2001-08-01 05/10/2001	2001-17-13 09/11/2001	2004-21-05 11/19/2004	2004-25-16 R1 06/20/2005	Issue Number Effective Date Amendment #
Superseded by 82-07-03	[Recurring] Superseded by 96-20-07	[Recurring] Superseded by 2004-21-05	Superseded by 2001-17-13	[Recurring] Superseded by 2004-25-16	[Recurring] To prevent combustion by- products (carbon-monoxide exhaust) and fuel leakage from the combustion heaters,contd.	[Recurring] To prevent failure of the fuel regulator shutoff valve, which could result in fuel leakage in aircraft with these,contd.	Description
Hrs: C:	Hrs:	 Hrs: C:	 Hrs: C:	 Hrs: C:	05/08/2018 Hrs: 3607.7 C:	08/07/2019 Hrs: 3615.1 C:	Complied
	Superseded by 96-20-No 07	Superseded by 2004- No 21-05		Superseded by 2004- No 25-16	Installed overhauled heater assembly P/N 96C62-1 S/N 03019053	C/W inspection per the Kelly Aerospace Systems SB A-107A. No defects noted.	
N <sub>o</sub>	, No	No	No	No	Yes	Yes	Recur
D: Hrs: C:	D: Hrs: C:	D: Hrs: C:	D: Hrs: C:	D: Hrs: C:	D: Hrs: 4107.7 C:	D: Hrs: 3715.1 C:	Next Due
					Elite Aviation A&P 174604875IA/ John Meyers	Elite Aviation A&P 3448198  J Zarvos	Facility Cert No. / Type Authorized By Signed