

## New Procedures for Tech Log Books

- These Tech Log Book AD Sheets will be removed as of Monday, May 2<sup>nd</sup>.

RMS	Resource Events				CAE			
Resource Maintenance System	Location: COAA Phoenix	Resource Category: Aircraft	Resource Type: PA-28-181	Resource: N28421				
Event Type: AD Compliance	Recurring Events: All	Include Voided Events: No	Include Closed Events: Yes	Include Obsolete Resources: No				
TAIL NUMBER: 28421	Aircraft SN: 2843730	Engine SN: RL-36756-36E	Propeller SN: 100363K	Airframe time: 2,277.4	Engine time: 238.6			
Event	Completed Time	Date Completed	Due At	Recurrency (Yes or No)	Interval (Hours, Days, Months)	Applicability (Yes or No)	Applicability Reason If (Not Applicable)	WO #
AD 2013-02-13 - Stabilator Control - 15 Years Old	08/2013		08/2029	YES	192 months	YES		
AD AD 2013-02-13				SB	Piper MSB 1245A			
AD 2016-07-21 - RH Wing Rib Inspection	12 APR 16	16 Apr 2016	25 APR 16	NO	13.0 days	YES		2016 01671
AD AD 2016-07-21				SB	Piper SB 1279A			
AD 84-26-02 - Paper Induction Filter Replacement	1939.2		2439.2	YES	500.0 hours	YES		
AD AD 84-26-02 - Paper Induction Filter Replacement				SB				
AD 84-26-02 - Paper Induction Filter Replacement	.0	24 Jan 2014	500.0	YES	500.0 hours	YES		2014 00465
AD AD 84-26-02 - Paper Induction Filter Replacement				SB				
AD 84-26-02 - Paper Induction Filter Replacement	458.0	22 Jul 2014	958.0	YES	500.0 hours	YES		2014 04034
AD AD 84-26-02 - Paper Induction Filter Replacement				SB				
AD 84-26-02 - Paper Induction Filter Replacement	946.8	04 Jan 2015	1446.8	YES	500.0 hours	YES		2015 00047
AD AD 84-26-02 - Paper Induction Filter Replacement				SB				
AD 84-26-02 - Paper Induction Filter Replacement	1443.2	14 Jul 2015	1943.2	YES	500.0 hours	YES		2015 03135
AD AD 84-26-02 - Paper Induction Filter Replacement				SB				
AD 95-26-13 Replacement of Oil Cooler Hoses - AFTT - 1 of 2	2038.8		3038.8	YES	1000.0 hours	YES		
AD AD 95-26-13				SB				
AD 95-26-13 Replacement of Oil Cooler Hoses - AFTT - 1 of 2	2038.8	24 Feb 2016	3038.8	YES	1000.0 hours	YES		2015 03700
AD AD 95-26-13				SB				
AD 95-26-13 Replacement of Oil Cooler Hoses - Date- 2 of 2	02/2016		02/2024	YES	96 months	YES		
AD AD 95-26-13				SB				
AD 95-26-13 Replacement of Oil Cooler Hoses - Date- 2 of 2	02/2016	24 Feb 2016	02/2024	YES	96 months	YES		2015 03700
AD AD 95-26-13				SB				

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- Applicable ADs are now kept on file with the maintenance records. We will insert an overview of the applicable ADs (AD Compliance Record) in the aircraft records.

CAE Oxford Aviation Academy Phoenix Inc. 5030 East Falcon Drive Mesa Arizona 85215 UNITED STATES		Phone: 480-948-4515
<b>FAA Airworthiness Directives Compliance Record</b>		
Company: CAE Oxford Aviation Academy	Position:	Aircraft Registration No: N28154
Category: Airframe	P/N:	ATP Revision: 27-Apr-2016
Manufacturer: Piper Aircraft, Inc.	S/N: 2843728	
Model: PA-28-181		

Issue Number Effective Date Amendment #	Description	Complied	Method of Compliance	Recur	Next Due	Facility Cert No. / Type Authorized By Signed
2016-07-21 26-Apr-2016	To detect and correct cracks in the wing rib, which if not corrected, could result in reduced structural, contd.	Hrs: C:		N	Hrs: C:	CAE Oxford Aviation Academy Phoenix Inc. B4VR470K Repair Station Stephen B. Mathews
2015-20-13 29-Oct-2015 39-18292	To detect and correct cracks in the wing rib, which if not corrected, could result in reduced structural, contd.	Hrs: C:	N/A due to Aircraft S/N range.	N	Hrs: C:	CAE Oxford Aviation Academy Phoenix Inc. B4VR470K Repair Station David Wagner
2013-02-13 11-Mar-2013 39-17334	[Recurring] To prevent failures that may lead to failure of the horizontal stabilator control system and cold result, contd.	14-Jun-2013 Hrs: 0 C:	Event in RMS is set up to alert us when this AD becomes due, which is when the aircraft reaches 15 years old.	Y	10-Jun-2029 Hrs: C:	CAE Oxford Aviation Academy Phoenix Inc. B4VR470K Repair Station David Wagner
2010-15-10 31-Aug-2010 39-16376	To detect and correct any incorrectly assembled control wheel shafts	Hrs: C:	N/A due to Aircraft S/N range.	N	Hrs: C:	CAE Oxford Aviation Academy Phoenix Inc. B4VR470K Repair Station David Wagner
2005-19-20 04-Nov-2005 39-14285	To prevent fuel fittings used in STC SA2660CE from leaking fuel in the engine compartment, which, contd.	Hrs: C:	N/A due to Aircraft S/N range.	N	Hrs: C:	CAE Oxford Aviation Academy Phoenix Inc. B4VR470K Repair Station David Wagner

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- Those ADs that are applicable and recurring remain on the RMS Sheet in the Tech Log Books.

RMS <small>Resource Maintenance System</small>		Resource Event Status				CAE	
Location: COAA Phoenix		Customer: All		Resource Category: Aircraft			
Resource Type: PA-28-181		Resource: N28421		Recurring Events: All			
				Include Obsolete Resources: No			
				LH Eng	LH Prop	RH Eng	RH Prop
Reg#: 28421	Tach: 2273.0	T.T:		238.6	5165.9		
Serial#: 2843730	T.T: 2277.4	TSMOH:		238.6	238.6		
Event	Duration	C/W	Overdue	Used	Left	Status	
Oil Change (Non-Reg.)	60.0	2237.5	2297.5	39.9	20.1		
100 Hour Inspection (14 hr)	100.0	2237.5	2337.5	39.9	60.1		
AD 84-26-02 - Paper Induction Filter Replacement	500.0	1939.2	2439.2	338.2	161.8		←
Fuel Primer Nozzle Cleaning	500.0	2038.8	2538.8	238.6	261.4		
Magneto Replacement, LH (Non-Reg.)	500.0	2038.8	2538.8	238.6	261.4		
Magneto Replacement, RH (Non-Reg.)	500.0	2038.8	2538.8	238.6	261.4		
Alternator Brushes Replacement	550.0	2038.8	2588.8	238.6	311.4		
AD 95-26-13 Replacement of Oil Cooler Hoses - AFTT - 1 of 2	1000.0	2038.8	3038.8	238.6	761.4		←
Engine Replacement Archer	3000.0	2038.8	5038.8	238.6	2761.4		
Propeller Replacement Archer	3000.0	2038.8	5038.8	238.6	2761.4		
Jeppesen Nav Update	29	01 APR 16	30 APR 16	26	3		
Fire Extinguisher Inspection	30	16 APR 16	16 MAY 16	11	19		
CO Detector Requirement	90	26 FEB 16	26 MAY 16	61	29		
AmSafe Functional Test	12	02/2016	02/2017	2	10		
Annual Inspection	12	02/2016	02/2017	2	10		
AZDOT Registration (Non-Reg.)	12	12/2015	12/2016	3	8		
ELT Annual Inspection	12	02/2016	02/2017	2	10		
406 MHz ELT Registration Req.	24	02/2016	02/2018	2	21		
Pitot Static Test	24	02/2016	02/2018	2	22		
Transponder Certification Check	24	02/2016	02/2018	2	22		
A/C FAA Registration Renewal	48	11/2013	11/2017	29	19		
ELT Battery Replacement	70	02/2016	12/2021	2	68		
AmSafe EMA Replacement	84	05/2013	05/2020	35	49		←
AD 95-26-13 Replacement of Oil Cooler Hoses - Date- 2 of 2	96	02/2016	02/2024	2	93		←
AmSafe LH Inflator Replacement	120	04/2013	04/2023	36	83		
AmSafe RH Inflator Replacement	120	06/2013	06/2023	34	85		←
AD 2013-02-13 - Stabilator Control - 15 Years Old	192	08/2013	08/2029	32	160		←

- ETA/RMS **Downing** of aircraft can be done by dispatchers, mechanics, or Flight School Aircraft Monitor or designee.
- ETA/RMS **Upping** of aircraft can only be done by the Flight School Aircraft Monitor or designee.
- All Tech Log Books will be reviewed by the Flight School Aircraft Monitor or designee before an aircraft will be upped in RMS.

- Squawks to Mx will continue be written up on a Tech Log Form.
- Note: The Tech Log Form wording of “Aircraft –“at the beginning and “- IRAN” at the end of a Work Request is required.

**TECHNICAL LOG**

N#: \_\_\_\_\_  
DATE: \_\_\_\_\_

STATUS			CREW			ROUTE		HOBBS			TACH	
DATE	FUEL USED	OIL QTY	RC	PC INIT	PILOT (B)	FROM	TO	OUT	IN	TIME	OUT	IN

DISCREPANCY: Date: \_\_\_\_\_ Student Name: \_\_\_\_\_ Instructor Name: \_\_\_\_\_

1 Write Squawk Here

DEFERRED:  PER MEL  PER FAR 91.213

CORRECTIVE ACTIONS:

1 \_\_\_\_\_  
\_\_\_\_\_

INSP: \_\_\_\_\_ MECHANIC: \_\_\_\_\_ CERT. NO. \_\_\_\_\_ DATE: \_\_\_\_\_

DISCREPANCY: Date: \_\_\_\_\_ Student Name: \_\_\_\_\_ Instructor Name: \_\_\_\_\_

2 \_\_\_\_\_  
\_\_\_\_\_

DEFERRED:  PER MEL  PER FAR 91.213

CORRECTIVE ACTIONS:

2 \_\_\_\_\_  
\_\_\_\_\_

INSP: \_\_\_\_\_ MECHANIC: \_\_\_\_\_ CERT. NO. \_\_\_\_\_ DATE: \_\_\_\_\_

The PIC shall acknowledge acceptance of the aircraft and ensure that:  
\* Fuel and Oil on board is sufficient for the flight  
\* Mass, Balance, and Performance calculations have been completed.

- Dispatcher opens WR for recurring event and ending in "IRAN" on TL form and contacts RS designee to bring TL Book to RS. The RMS Sheet will be placed with the Tech Log Form after circling the items less than 50 hours or 15 days when an **Oil Change** is being requested or ... (cont'd on next page)

RMS		Resource Event Status				CAE	
Resource Maintenance System		Location: COAA Phoenix		Customer: All		Resource Category: Aircraft	
Resource Type: PA-28-181		Resource: N28421		Recurring Events: All		Include Obsolete Resources: No	
Reg#: 28421	Tach: 2276.0	T.T:		LHEng: 241.6	LHProp: 5168.9	RHEng:	RHProp:
Serial#: 2842798	FT: 0000.4	T SMOH:		241.6	241.6		
Event	Tracked by Hours	Duration	C/W	Overdue	Used	Left	Status
Oil Change (Non-Reg.)		60.0	2237.5	2297.5	42.9	17.1	Due
100 Hour Inspection (14 hr)		100.0	2237.5	2337.5	42.9	57.1	
AD 84-26-02 - Paper Induction Filter Replacement		500.0	1939.2	2439.2	341.2	158.8	
Fuel Primer Nozzle Cleaning		500.0	2038.8	2538.8	241.6	258.4	
Magneto Replacement, LH (Non-Reg.)		500.0	2038.8	2538.8	241.6	258.4	
Magneto Replacement, RH (Non-Reg.)		500.0	2038.8	2538.8	241.6	258.4	
Alternator Brushes Replacement		550.0	2038.8	2588.8	241.6	308.4	
AD 95-26-13 Replacement of Oil Cooler Hoses - AFTT - 1 of 2		1000.0	2038.8	3038.8	241.6	758.4	
Engine Replacement		3000.0	2038.8	5038.8	241.6	2758.4	
Propeller	Tracked by Days	3000.0	2038.8	5038.8	241.6	2758.4	
Jeppesen Nav Update		29	28 APR 16	27 MAY 16	1	28	
Fire Extinguisher Inspection		30	16 APR 16	16 MAY 16	13	17	
CO Date	Tracked by Months	90	26 FEB 16	26 MAY 16	63	27	
AmSafe Functional Test		12	02/2016	02/2017	2	9	
Annual Inspection		12	02/2016	02/2017	2	9	
AZ DOT Registration (Non-Reg.)		12	12/2015	12/2016	3	8	
ELT Annual Inspection		12	02/2016	02/2017	2	9	
406 MHz ELT Registration Req.		24	02/2016	02/2018	2	21	
Pitot Static Test		24	02/2016	02/2018	2	21	
Transponder Certification Check		24	02/2016	02/2018	2	21	
A/C FAA Registration Renewal		48	11/2013	11/2017	29	19	
ELT Battery Replacement		70	02/2016	12/2021	2	68	
AmSafe EMA Replacement		84	05/2013	05/2020	35	49	
AD 95-26-13 Replacement of Oil Cooler Hoses - Date- 2 of 2		96	02/2016	02/2024	2	93	
AmSafe LH Inflator Replacement		120	04/2013	04/2023	36	83	
AmSafe RH Inflator Replacement		120	06/2013	06/2023	34	85	
AD 2013-02-13 - Stabilator Control - 15 Years Old		192	08/2013	08/2029	32	160	

... the items less than 100 hours or 30 days when a 100-Hr Inspection is being requested.

RMS		Resource Event Status				CAE	
Resource Administration System		Location: COAA Phoenix		Customer: All		Resource Category: Aircraft	
Resource Type: DA-40-180		Resource: N386JP		Recurring Events: All		Include Obsolete Resources: No	
Reg#: 386JP Tach: 1156.1		T.T: 2073.2		T.T: 4590.6 5298.9		LHEng LHProp RHEng RHProp	
Serial#: 40-386		T.T: 2073.2		T SMOH: 1172.6 289.9			
Event	Tracked by Hours	Duration	C/W	Overdue	Used	Left	Status
LoPresti Boom Beam Lights Inspection at 100 HR		22.3	3967.8	3990.1	4.4	17.9	
Oil Change at 100 Hr (Non-Reg.)		50.0	3950.1	4000.1	22.1	27.9	
100 Hour Inspection (18 Hr)		100.0	3890.1	3990.1	82.1	17.9	
AD 2015-19-07 - Fuel Injection Lines Inspection		100.0	3890.1	3990.1	82.1	17.9	
Engine Intake Air Filter Replacement		500.0	3890.1	4390.1	82.1	417.9	
Magneto Replacement, LH (Non-Reg.)		500.0	3790.6	4290.6	181.6	318.4	
Magneto Replacement, RH (Non-Reg.)		500.0	3790.6	4290.6	181.6	318.4	
Alternator Brush Replacement		550.0	3591.8	4141.8	380.4	169.6	
AD 2007-11-21 - Fuel Selector Universal Joint		1000.0	3195.8	4195.8	776.4	223.6	
Bonding and Static Discharging Systems Check (1000 Hour)		1000.0	3790.6	4790.6	181.6	818.4	
Essential Bus Check (1000 Hour)		1000.0	3790.6	4790.6	181.6	818.4	
AD 93-05-06 - Ignition Switch Inspection		2000.0	1999.2	3999.2	1973.0	27.0	
Rudder Cable Replacement, Bellcrank to Rudder Pair (Non-Reg.)		2000.0	3691.0	5691.0	281.2	1718.8	
Engine Replacement DA40		3000.0	2799.6	5799.6	1172.6	1827.4	
Propeller Replacement DA40		3000.0	3790.6	6682.3	289.9	2710.1	
Rudder Cable Replac., Co-pit Firewall to Bellcrk Pair (Non-Reg.)		4000.0	3790.6	7790.6	181.6	3818.4	
Rudder Cable Replac., Pilot Firewall to Bellcrk P		4000.0	3790.6	7790.6	181.6	3818.4	
	Tracked by Days						
Jeppesen Nav Update		29	28 APR 16	27 MAY 16	1	28	
Fire Extinguisher Inspection		30	09 APR 16	09 MAY 16	20	10	
CO Date		90	09 APR 16	08 JUL 16	20	70	
	Tracked by Months						
Annual Inspection		12	06/2015	06/2016	10	2	
AZ DOT Registration (Non-Reg.)		12	12/2015	12/2016	3	8	
ELT Annual Inspection		12	07/2015	07/2016	9	3	
Emergency Battery Pack 2yr Replacement - 1of2		24	09/2015	09/2017	7	16	
Pitot Static Certification Check		24	06/2015	06/2017	10	14	
Transponder Certification Check		24	06/2015	06/2017	10	14	
ELT Remote Switch Cell Replace		48	08/2013	08/2017	32	15	
A/C FAA Registration Renewal		72	08/2013	08/2019	32	40	
ELT Battery Replacement		80	07/2011	03/2018	57	23	
Emergency Battery Expiry Date Replacement - 2of2		120	02/2015	02/2025	14	105	