

E.T. Mechanical, LLC

CRS# UEIR803L

Hangar 3

Wiley Post Airport

Bethany, OK 73008

(405)495-2807

Data Date 5/11/2020	N286NW	Report Date	
Current Hour Meter 2,654.9	Model: Pilatus PC12/47E	5/12/2020	
Enter Current Landings 1,902	S/N 1286	10:55 AM	
Enter Current Engine Cycles 1,902			
Air Conditioner Hour Meter 1,345.0	Eng: P&WC PT6A-67P	Certification Date: Dec.27, 2011	
Current Aircraft Total Time 2,654.9	S/N PCE-RY0296		
Current Engine TSMO 2,654.9			
Engine Time Since H.S.I. 883.7	Prop: Hartzell HC-E4A-3		
Current Engine Total Time 2,548.0	S/N KX958		
Current Engine CSMO 1,902			
Current Prop TSMO 2,654.9			HM Offset 0
Current Prop Total Time 2,654.9			

Item	Chapter 4 Requirements	Interval	Interval	Interval	Hours	Cycles	Date	Next Due	Next Due	Next Due	Remaining	Remaining	Remaining
		Hours	Cycles	Months	Last C/W	Last C/W	Last C/W	Hours	Cycles	Date	Hours	Cycles	Months
FUSELAGE	Fuselage & Associated Structure Life Limit	20,000	27,000		0.0	0	12/27/11	20,000.0	27,000		17345.1	25,098	
WING	Wing Structure Life Limit	20,000	27,000		0.0	0	12/27/11	20,000.0	27,000		17345.1	25,098	
TAIL	Tail Structure Life Limit	20,000	27,000		0.0	0	12/27/11	20,000.0	27,000		17345.1	25,098	
ENG MOUNT	Engine Mount Frame Life Limit	20,000	27,000		0.0	0	12/27/11	20,000.0	27,000		17345.1	25,098	
BOLTS	Engine Mount Frame Bolts, Washers, Nuts	11,000			0.0	0	12/27/11	11,000.0			8345.1		
PITCH	Pitch Trim Actuator Life Limit	20,000	27,000		1,159.5	897	11/20/14	21,159.5	30,415		18504.6	28,513	
FLAP ACT	Flap Actuator Life Limit (Black)	20,000	27,000		0.0	0	12/27/11	20,000.0	27,000		17345.1	25,098	
FIRE EXT.	Fire Extinguisher Replacement			120	1,530.3	1,163	1/24/15			1/24/25			56.00
OXYGEN	Oxygen Bottle Life Limit			180	0.0	0	9/1/10			9/1/25			64.00
CARGO DOOR	Cargo Door Lower Lug Fittings	13,000	17,000		0.0	0	12/27/11	13,000.0	17,000		10345.1	15,098	
PITCH ACT.	Pitch Trim Actuator Attach Plates & Parts	10,000			0.0	0	12/27/11	10,000.0			7345.1		
CABLES	Flight Control Cables Replacement	20,000	27,000		0.0	0	12/27/11	20,000.0	27,000		17345.1	25,098	
CABLES	Autopilot Control Cables Replacement	20,000	27,000		0.0	0	12/27/11	20,000.0	27,000		17345.1	25,098	
CABLES	Stick Pusher Cables	20,000	27,000		0.0	0	12/27/11	20,000.0	27,000		17345.1	25,098	
RODS	Flap Tension Rods	20,000	27,000		0.0	0	12/27/11	20,000.0	27,000		17345.1	25,098	
NLG TRQ TUBE	NLG Torque Tube (P/N 532.50.12.047)	11,000	15,000	120	0.0	0	12/27/11	11,000.0	15,000	12/27/21	8345.1	13,098	19.00
FLAP ARMS	Inboard Flap Drive Arms In-Situ Insp/Check	600		12	2,569.8	1,850	11/27/19	3,169.8		11/27/20	514.9		6.00
GCU 1 & 2	Functional Test of GCU 1 and GCU 2	3,000		12	2,569.8	1,850	11/27/19	5,569.8		11/27/20	2914.9		6.00
ECS	ECS Emergency Shut-Off Lever Force Test	3,000		12	2,569.8	1,850	11/27/19	5,569.8		11/27/20	2914.9		6.00
DUMP SWITCH	Pressurization Dump Switch Operational Test	3,000		12	2,569.8	1,850	11/27/19	5,569.8		11/27/20	2914.9		6.00
HOR TRIM	Trim Runaway test	3,000		12	2,569.8	1,850	11/27/19	5,569.8		11/27/20	2914.9		6.00
MLG	MLG Leg Fwd Attach Bolt & Rear Attach Bolt & Nut Insp			72	1,869.3	1,368	5/11/17			5/11/23			36.00
MLG	MLG Spring Pack Top & Bottom Attach Bolts/Nuts Insp			72	0.0	0	5/11/17			5/11/23			36.00
MLG	MLG Folding Strut Top & Bottom Attach Bolts/Nuts Insp			72	0.0	0	5/11/17			5/11/23			36.00
MLG	MLG Drag Link Top Attach Shear Bolt, Cap, Bolts, Nuts			120	0.0	0	5/11/17			5/11/27			84.00
MLG	MLG Actuator Top & Bottom Attach Bolts, Nuts			72	2,027.0	1,477	12/11/17			12/11/23			43.00

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FIRE EXT	Fire Extinguisher Content Check (C352TS)			12	2,569.8		11/27/19			11/27/20			6
FIRE EXT	Fire Extinguisher Content Check (P3APP003010D)			24	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CABLES	Flight Control Cables Inspection (Incl Trim & A/P)	4,800		60	1,771.2	1,303	12/6/16	6,571.2		12/6/21	3916.3		19
RUDDER CBL	Rudder Control Cables - Check After Replacement	300		12	<i>Due after replacement of any elevator control systems cable.</i>								
ELEV CABLES	Elevator Control Cables - Check After Replacement	300		12	<i>Due after replacement of any elevator control systems cable.</i>								
BACKLASH	Flap Actuators Backlash Check (Black)	2,400	3,200	24	2,569.8	1,850	11/27/19	4,969.8	5,050	11/27/21	2314.9	3,148	18
FUEL	Fuel Crossvent & Outward Check Valve Ops Test	2,400			1,963.7	1,437	9/1/17	4,363.7			1708.8		
DE-ICERS	Airfoil De-Icers Surface Coating			6	2,569.8	1,850	11/27/19			5/27/20			0
BEARINGS	Landing Gear Wheel Bearings Lubrication			12	2,569.8	1,850	11/27/19			11/27/20			6
AXLES	Main Landing Gear Hinge Pin & Bushing Inspection	2,400		12	2,569.8	1,850	11/27/19	4,969.8		11/27/20	2314.9		6
PADS	NLG & MLG electro mechanical actuators anti-rotation pads Discard		12,000		0.0	0	5/11/17		12,000			10,098	
PITOT/STATIC	Altimeter/Pitot/Static Systems Certification FAR91.411			24	2,569.8	1,850	11/27/19			11/27/21			18
COMPASS	Standby Magnetic Compass Swing			24	2,569.8	1,850	11/27/19			11/27/21			18
AHRS	Attitude Heading Reference System Swing			24	2,569.8	1,850	11/27/19			11/27/21			18
TRNSPDR	Transponder Certification FAR 94.413			24	2,569.8	1,850	11/27/19			11/27/21			18
OXY MASKS	Passenger Oxygen Masks Inspection			36	2,569.8	1,850	11/27/19			11/27/22			30
DOORS	Passenger, Crew & Cargo Doors Corrosion Insp	6,000		72	2,027.0	1,477	12/11/17	8,027.0		12/11/23	5372.1		43
DOORS	Passenger/Crew Door Shoot Bolt Fitting	3,000	3,600		0.0	0	5/11/17	3,000.0	3,600		345.1	1,698	
CARGO DOOR	Corrosion Insp - Examine with Trim Removed	6,000		72	2,027.0	1,477	12/11/17	8,027.0		12/11/23	5372.1		43
BULKHEAD	Front Pressure Bulkhead Inspection	6,000		72	2,027.0	1,477	12/11/17	8,027.0		12/11/23	5372.1		43
FUSELAGE	Fuselage Internal Bottom Surface Inspection	6,000		72	2,027.0	1,477	12/11/17	8,027.0		12/11/23	5372.1		43
BULKHEAD	Aft Pressure Bulkhead Inspection	6,000		72	2,027.0	1,477	12/11/17	8,027.0		12/11/23	5372.1		43
WINDOWS	Inspection of Structure Around Windows	6,000		72	2,027.0	1,477	12/11/17	8,027.0		12/11/23	5372.1		43
FRAMES	Door Frames & Emergency Exit Frames Insp.	6,000		72	2,027.0	1,477	12/11/17	8,027.0		12/11/23	5372.1		43
STABILIZERS	Horizontal Stabilizer Internal Surfaces Insp.	6,000		72	2,027.0	1,477	12/11/17	8,027.0		12/11/23	5372.1		43
STABILIZERS	Vertical Stabilizer Internal Surfaces Insp.	6,000		72	2,027.0	1,477	12/11/17	8,027.0		12/11/23	5372.1		43
COCKPIT	Cockpit Side Windows Inspection	11,000		120	0.0	0	5/11/17	11,000.0		5/11/27	8345.1		84
WINGS	Wing Internal Surfaces & Flap Compartment Insp.	6,000		72	2,027.0	1,477	12/11/17	8,027.0		12/11/23	5372.1		43
LDG GEAR	Landing Gear Compartments Inspection	6,000		72	2,027.0	1,477	12/11/17	8,027.0		12/11/23	5372.1		43
WING ATT	Wing to Fueselage Attachments Insp	11,000		120	0.0	0	5/11/17	11,000.0		5/11/27	8345.1		84
PROPELLER	Hartzell 4-Bladed Propeller Insp & Lube	400		12	2,569.8	1,850	11/27/19	2,969.8		11/27/20	314.9		6
SWITCHES	Propeller Feathering Microswitches Test	3000		12	2,569.8	1,850	11/27/19	5,569.8		11/27/20	2914.9		6
RVSM	RVSM Inspection			24	2,569.8	1,850	11/27/19			11/27/21			18
RVSM	RVSM Static Ports Critical Area Inspection			12	2,569.8	1,850	11/27/19			11/27/20			6
EGPWS	EGPWS Terrain Data Base Update			12	2,569.8	1,850	11/27/19			11/27/20			6
NAV DATA	Update NAV Database			1	2,651.2	1,904	4/21/20			5/21/20			0
Item	Chapter 5 Overhaul & Replacement Items	Interval Hours	Interval Cycles	Interval Months	Hours Last C/W	Cycles Last C/W	Date Last C/W	Next Due Hours	Next Due Cycles	Next Due Date	Remaining Hours	Remaining Cycles	Remaining Months
STARTER	Gen 1 - Starter/Generator OVH (978.91.23.407)	1,200			2,569.8	1,850	11/27/19	3,769.8			1114.9		
GEN 2	Gen 2 - Starter/Generator OVH (978.91.23.407)	1,200			2,569.8	1,850	11/27/19	3,769.8			1114.9		
ELT	ELT battery replacement - As shown on label			79	1,771.2	1,303	12/6/16			7/6/23			38

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Item	P&WC PT6A-67B INSPECTION ITEMS	Interval Hours	Interval Cycles	Interval Months	Hours Last C/W	Cycles Last C/W	Date Last C/W	Next Due Hours	Next Due Cycles	Next Due Date	Remaining Hours	Remaining Cycles	Remaining Months
ELT/NAV	Kannad ELT Nav Interface Module	16,000		120	0.0	0	12/27/2011	16,000.0		12/27/21	13345.1		19
BELTS	Crew Seat Belts Overhaul			144	0.0	0	12/27/2011			12/27/23			43
	Passenger Seat Belts & Extensions Overhaul			144	0.0	0	12/27/2011			12/27/23			43
FLAP PDU	Flap Power Drive Unit (PNs 978.73.20.003)	10,000	13,500		0.0	0	12/27/2011	10,000.0	13,500		7345.1	11,598	
FLAP ACT.	LH INBD - Black Flap Actuator OvH/Repl	5,000	7,000		0.0	0	12/27/2011	5,000.0	7,000		2345.1	5,098	
FLAP ACT.	LH OUTBD - Black Flap Actuator OvH/Repl	5,000	7,000		0.0	0	12/27/2011	5,000.0	7,000		2345.1	5,098	
FLAP ACT.	RH INBD - Black Flap Actuator OvH/Repl	5,000	7,000		0.0	0	12/27/2011	5,000.0	7,000		2345.1	5,098	
FLAP ACT.	RH OUTBD - Black Flap Actuator OvH/Repl	5,000	7,000		0.0	0	12/27/2011	5,000.0	7,000		2345.1	5,098	
FLAP SHAFTS	Flap Flexible Drive Shafts	10,000	13,500		0.0	0	12/27/2011	10,000.0	13,500		7345.1	11,598	
FUEL PUMP	Engine Driven Fuel Pump Overhaul	3,500			0.0	0	12/27/2011	3,500.0			845.1		
NLG	Nose Gear Overhaul or Replacement	25,000	30,000		0.0	0	12/27/2011	25,000.0	30,000		22345.1	28,098	
PAX O2 MASK	Passenger Oxygen Masks Cartridge Replacement (957.12.01.215)			72	N/A	Only applies to aircraft with masks that drop from the overhead				N/A	N/A	N/A	
PROPELLER	Propeller Overhaul	4,000		72	2,027.0		12/11/2017	6,027.0		12/11/23	3372.1		43
SHOCK MTS	Engine Shock Mount Assemblies Replacement	3,500			0.0	0	12/27/2011	3,500.0			845.1		
ENGINE	Engine Overhaul	3,500			0.0	0	12/27/2011	3,500.0			845.1		
OIL COOLER	Oil Cooler Overhaul	3,500			0.0	0	12/27/2011	3,500.0			845.1		
P&WC PT6A-67B INSPECTION ITEMS													
MINOR	Minor Inspection	200		12	2,569.8	1,850	11/27/19	2,769.8		11/27/20	114.9		6
WASH	Compressor Performance Recovery Wash	300		12	2,569.8	1,850	11/27/19	2,869.8		11/27/20	214.9		6
WASH	Turbine Wash	On Condition			2,316.7	1,678	11/14/18	On Condition			On Condition		
HSI	Hot Section Inspection	2,000			1,771.2	1,303	12/6/16	3,771.2			1116.3		
BORESCOPE	Borescope Inspect First Stage Compressor	2,000			2,569.8	1,850	11/27/19	4,569.8			1914.9		
FUEL SCREEN	Fuel Pump Inlet Screen Cleaning	600			2,569.8	1,850	11/27/19	3,169.8			514.9		
FUEL FILTER	Fuel Pump Outlet Filter Replacement	600			2,569.8	1,850	11/27/19	3,169.8			514.9		
PUMP CPLING	Fuel Pump Coupling Shaft Fretting Inspection	600			2,123.4	1,545	4/6/18	2,723.4			68.5		
FUEL NOZZLES	Flow Check Fuel Nozzles	400			2,316.7	1,678	11/20/18	2,716.7			61.8		
BORESCOPE	Borescope Insp Hot Section w/ Nozzles Removed	400			2,316.7	1,678	11/20/18	2,716.7			61.8		
1st Stage	First Stage Compressor Inspectoin during H.S.I.	2000			1,771.2	1,303	12/6/16	3,771.2			1116.3		
P3 FILTER	P3 Filter Cleaning	200			2,569.8	1,850	11/27/19	2,769.8			114.9		
P3 FILTER	P3 Filter Replacement	1000			1,963.7	1,437	9/1/17	2,963.7			308.8		
IGNITERS	Spark Igniters Condition Inspection	300		12	2,569.8	1,850	11/27/19	2,869.8		11/27/20	214.9		6
IGNITION	Ignition System Operational Test	300		12	2,569.8	1,850	11/27/19	2,869.8		11/27/20	214.9		6
EXCITER	Ignition Exciter Inspect for Condition & Installation	400			2,569.8	1,850	11/27/19	2,969.8			314.9		
CHIP DET	Reduction Gear Box Chip Detector Insp.	600		12	2,569.8	1,850	11/27/19	3,169.8		11/27/20	514.9		6
AGB SCREEN	AGB Scavenge Pump Inlet Screen Insp	1,000			1,963.7	1,437	9/1/17	2,963.7			308.8		
OIL FILTER	Oil Filter Replacement	900			1,963.7	1,437	9/1/17	2,863.7			208.8		
AOA	Engine Oil Sample	150			2,569.8	1,850	11/27/19	2,719.8			64.9		

