

WPR16FA086 Maintenance Records



Figure 1 - Logbook Covers

WPR16FA086 Maintenance Records

Aircraft Record General Information					
Manufacturer	AIRBORNE		Model	XT 912	
Serial	XT-912-0214		Registration Number	N67DEM	
Date of Manufacture	9/2007				
Engine(s) currently installed:					
Manufacturer	ROTA	Model	912	Serial	4408505
Manufacturer		Model		Serial	
Propeller(s) currently installed:					
Manufacturer	POWERFIN		Model	5 BLADE	
HUB Model		Serial		Serial	
Blade Model		Serial		Serial	
Blade Model		Serial		Serial	

Engine Record General Information				
Manufacturer	ROTA		Model	912
Serial	4408505		Type Certificate	
This engine is currently installed in aircraft				
N67DEM				
Minimum Octane Fuel	87	Oil Grade:	Summer	Winter
Magneto Time		Point Setting		Firing Order
Spark Plug Gap				
Manufacturer recommended overhaul at	1500	hours		

Figure 2 - Airframe and Engine Data

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YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
2012	7/23	179	179	Replaced broken transponder antenna with AY22 RAMI Antenna. Fixed broken pitot tube. Terri Sipantzi [redacted] LSRM-WS

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
2012	7/23	179	179	Replaced broken transponder antenna with AY22 RAMI Antenna. Fixed broken pitot tube. Terri Sipantzi [redacted] LSRM-WS

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
2014	5/14/14	209	209	(8) RTR OIL TANK - CLEANED & RE-SEALING (9) RTR FUEL FILTER - CLEANED & REPLACED N670 EM ANNUAL CONDITION INSPECTION Leading Edge Air Foils LLC 800-532-3462 Date: 3-26-2014 Model: 912UL S/N: Tech/Hobbs: Overhauled carbs via chemical bath and reassembled with new springs, gaskets, fuel inlet needles, diaphragms (all rubber parts). Replaced floats, jet needles and needle jets. Applied epoxy to drill port plugs and vacuum chamber tops. Returned carbs to customer for reinstallation to aircraft. Patrick White AAI [redacted] AFSC O/R Rating 40001150222-1789 (CONT.)

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
2014	5/14/14	209	209	(6) RTR MAGNETIC PLUG found to be OK (11) RTR CARB FLANGE ASSY. 2 NEW (267-785) SUGGESTED (12) NEW ORANGE TITAKE MANIFOLD # 230-300 (2) (13) NEW (230-910) DRINKER HEAD TITAKE (14) NEW CROSS OVER TUBER RUBBER (# 956-141) (2) (15) RTR COOLANT RESERVOIR, CLEANED AND REPLACED RUBBER HOSE (16) RE-TIGHTEN ALL EXHAUST 12MM NUTS (8) (17) RTR COOLANT FILL TANK, RE-LOADED RUBBER PLATE PN (#260-026) EVAPORATOR (18) NEW RADIATOR CAP (PN 922-029) PLACARD (CONT.)

Figure 3 - Maintenance Entries

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YEAR: 2010	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
6/2	58.5		58.5	oil change oil filter change [redacted] CTEJO [redacted]
9/14	95.9		95.9	oil change, oil filter replaced, all 100 hr maintenance performed including ^{rotax} engine maintenance, checked loose bolts, engine mounts, engine platform, mounting plates, cable harness, replaced fuel filter, light oil on throttle cable, cleaned air filter, checked exhaust system, checked operation of all gauges, checked prop bolt torque, checked prop for nicks and abrasions, checked trike base tube, trike mast and drag links / rear struts. removed wheels & checked axles

YEAR: 2010	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				Pitot Deaired and restored, spark plugs replaced, Heart Batt Replaced, Replaced tires
6/10/11	141.0		141.0	Changed oil & oil filter
4/10/12	173.25		173.25	Changed oil & oil filter 130.15 hr on engine SST

YEAR: 9-14-12	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
	190		190	N670EM, (1) R&R Fuel Lines from Carb to Fuel Pump, (2) R&R Fuel Pump (3) Secured all clamps to fuel lines, (4) A/C Rotax (5) to service [redacted] LSRM [redacted]

YEAR: 2014	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
5-14-14	209		209	N670EM ANNUAL CONDITION INSPECTION PLUS Complied with Rotax (2.1) TIME Limit FOR ALL RUBBER PARTS (5 YEAR) AS PER Maintenance Manual (CS-10-00 PAGE 8) (1) R&R Air Cleaner RE-OILED + SATIS (2) REMOVED ALL ACOLANT / OIL / FUEL (3) REMOVED CARB SENT TO L&A for overhaul, see entry next page (4) Compression Check #1-87/83 #2 87-82 #3-87/84 - #4-87-82 (ALL OK) (5) Completed 716 Spark Plug WIRE Pull Test (OK) (CONT.)

Figure 4 - Maintenance Entries

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YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
2014	209	0	209	Annual/condition inspection plus comply with Part 43 (2.1) time limit for all rubber parts (5 year) as per maintenance manual (05-10-00 page 8) see work completed in eng. log. (date 5-14-2014)
5/14/14	209	0	209	(1) Completion Transponder system check (2) Check all panel work & placards (OK) (3) Airworthiness to 101 (4) R&R main base tube, replaced with new (5) R&R IRS sent in for repair vendor (4-24) (6) R&R Battery, NEWTEAM WORKER
(CONT.)				

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
2014	209	0	209	Annual/condition inspection plus comply with Part 43 (2.1) time limit for all rubber parts (5 year) as per maintenance manual (05-10-00 page 8) see work completed in eng. log. (date 5-14-2014)
5/14/14	209	0	209	(1) R&R OIL FILTER REPLACES (PN 825012) put open found to be OK (2) R&R ALL FUEL LINE HOSES (3) R&R ALL COOLANT LINE HOSES (4) R&R ALL OIL LINE HOSES (5) NEW COOLANT EVAN'S (EPG) (6) NEW OIL 34 QTS, ARMO SHELL 74 (7) PURGED OIL SYSTEM TO 30 PSI (8) R&R ALL VALVE COVERS CHECKED ANY LIFE LINE FOUND TO BE OK REPLACED GASKET (PN 861920) (9) NEW DEPR-7E PLUGS GAP-.015 THQ 172" 165 (10) PLUGS
(CONT.)				

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
2014	209	0	209	Annual/condition inspection plus comply with Part 43 (2.1) time limit for all rubber parts (5 year) as per maintenance manual (05-10-00 page 8) see work completed in eng. log. (date 5-14-2014)
5/14/14	209	0	209	(1) TRACKED PROP found to be OK (2) SYNC CHECK W/ CHAMATE OK (3) Ground run check for leaks OK (Return to service) I certify that this aircraft has been inspected on (05-14-2014) in accordance with the manufacturer's maintenance procedures and was found to be in a condition for safe operation.
(CONT.)				

Figure 5 - Maintenance Entries

WPR16FA086 Maintenance Records

YEAR:	RECORDING	TODAY'S	TOTAL	Description of Inspections, Tests, Repairs and Alterations
2014	TACH	FLIGHT	TIME IN	Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE	TIME		SERVICE	
5/14/14	209	209		N670EM (1) Add ON/OFF switch to TRANSDUCER (2) Add 12VFT USA SOCKET (3) SET UP SAIL FOR INSPECTION ANNUAL INSPECTION (4) ADJUSTED ALL BATTERY & RIGGING (5) Check SAIL STITCHING WITH BOTTOMSHEET to 1920 KG's. found to be OK (6) TEST FLIGHT / RETURN TO SERVICE. I certify that this Aircraft has been inspected on 05-14-2014 in accordance with the MANUFACTURER MAINTENANCE PROCEDURES, and was found to be in a condition for safe operation. James R Crooks [redacted] LSRM # [redacted]

YEAR:	RECORDING	TODAY'S	TOTAL	Description of Inspections, Tests, Repairs and Alterations
2015	TACH	FLIGHT	TIME IN	Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE	TIME		SERVICE	
6/3/15	232	232		I Certify That this Air Craft and wing has been inspected on 6/3/15 N670EM in accordance with the manufactures maintenance manual Procedures and was found to be in a condition for Safe operation James R Crooks [redacted] LSRM-WS # [redacted] I certify that this aircraft N670EM and wing has been inspected on 7/1/2015 in accordance with the manufactures maintenance manual and procedures for 100 hour inspection and was found to be in condition for safe operation. James R Crooks [redacted] LSRM-WS # [redacted]

YEAR:	RECORDING	TODAY'S	TOTAL	Description of Inspections, Tests, Repairs and Alterations
2015	TACH	FLIGHT	TIME IN	Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE	TIME		SERVICE	
6/3/15	232	232		Removed mag plug and found to be clean. Retained Annual Condition inspection and 100hr per Rotax Maintenance Manufactures manual. I certify that this engine has been inspected with the manufactures maintenance manual procedures and was found to be in a condition for safe operation. James R Crooks [redacted] LSRM-WS # [redacted]

YEAR:	RECORDING	TODAY'S	TOTAL	Description of Inspections, Tests, Repairs and Alterations
2015	TACH	FLIGHT	TIME IN	Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE	TIME		SERVICE	
				09/11/2015 - TSO - 300 Change oil and filter. Add 3 quarts AMS oil synthetic motor oil 10W40. Compression tested all 4 cylinders. Found to be 80/80. Re-torqued plugs to 177 inps. Balanced carburetors. Inspected magnetic inspection plug. I certify that this engine 4408505 at 100-hour inspection on 09/11/2015 in accordance with the manufactures maintenance manual and is found to be in condition for safe operation. James R Crooks RMT 1200021603062010 [redacted]

Figure 6 - Next to Last Maintenance Entries

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YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				09/11/2015 – TSO – 300 I certify that this aircraft N670EM and wing has been inspected on 09/11/2015 in accordance with the manufactures maintenance manual and procedures for 100-hour inspection and was found to be in condition for safe operation. James R Crooks RMT 1200021603062010 LSRM-WS [Redacted Signature]

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				11/10/2015 – TSO – 400 I certify that this aircraft N670EM and wing has been inspected on 11/10/2015 in accordance with the manufactures maintenance manual and procedures for 100-hour inspection and was found to be in condition for safe operation. James R Crooks RMT 1200021603062010 LSRM-WS [Redacted Signature]

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				11/10/2015 – TSO – 400 Change oil and filter. Add 3 quarts AMS oil synthetic motor oil 10W40. Compression tested all 4 cylinders. Found to be 80/80. Re-torqued plugs to 177 inps. Balanced carburetors. Inspected magnetic inspection plug. I certify that this engine 4408505 at 100-hour inspection on 11/10/2015 in accordance with the manufactures maintance manual and is found to be in condition for safe operation. James R Crooks RMT 1200021603062010 LSRM-WS [Redacted Signature]

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

Figure 7 - Most Recent Maintenance Entries