AIRCRAFT MAINTENANCE RECORDS

N

5954

ENGINE LOG BOOK



AIRCRAFT MAINTENANCE RECORD

Page No. **DESCRIPTION OF WORK PERFORMED** Date **Total Time** SIGNATURE & CERTIFICATE NUMBER OF PERSON PERFORMING WORK FC Dynasty Aviation **Engine 100 Hour Inspection** 05/10/2025 Rotax 912 iS Sport S/N: 10001906 N5954 **AFTT: 198.7** ETTSN: 198.4 1. Performed engine run-up. All temps and sensor parameter found to be in the prescribe range. 2. Inspected engine for loose bolts and accessories, none found during the inspection. 3. Performed differential pressure test, Cyl.1 80/80, Cyl. 2 80/80, Cyl. 3 79/80, Cyl. 4 79/80. 4. Replaced all spark plugs with new (P/N 297656), torqued with 142 in-lbs. 5. Cleaned oil tank. Replaced oil filter with new (p/n 825016), cut open old filter, no abnormal 6. Removed and inspected magnetic plug, no metal particle found. Re-installed with 18 ft-lb of torque. 7. Serviced with 3L of Aeroshell Sport Plus 4 engine oil & Purged oil system per IM 79-00-00 Pg.21 8. Removed and cleaned K&N induction air filter. 9. Visual inspected all air & fluid hoses for loose connection or leakage, none found. 10. Visual inspected all wire & sensor connections, no discrepancies found. 11. Performed engine test run, leak check, and loose fasteners, no discrepancies found. 12. Applied corrosion resistance compound (CorrosionX Aviation) onto engine suspension frame bolts, engine mount bolts. 13. Safety Alert report dated 05/10/2025). This engine has been inspected IAW Rotax MML(912 i Series Ed.2 Rev.2), MMH_912 i Serie_ED1_R3, IM_912 i Series_ED2_R1 & Maintenance Checklist, 14 CFR Part 43, Appendix D and determined to be in continued airworthiness condition and safe operation. It is approved for return to service. Yun Hsiang Tsai: FAA LSRM-A 3883815 SUB-TOTAL THIS PAGE

TOTAL - CARRY FORWARD TO NEXT PAGE

AIRCRAFT MAINTENANCE RECORD Page No. ___

Date	Total Time	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NUMBER OF PERSON PERFORMING WORK		
CARRIED ->	>			
Date: 03/2 Tail#: N59 Make: Rota	ax Mod	el: 912 IS S/N: 1000190		
Remove and 016 R1.	reinstall 940520 Plug	10 - Rotax Plug Screw Installation R Screw M22X1.5 with Loctite 243 pe V Rotax MMH_912 i Serie_ED1_R3	and	
determined to	be in continued airwo return to service.	of filliness condition for said operation		
Name: Yun	Hsiang Tsai	Cert: FAA LSRM	-A 3883815)
Co: Dyr	asty Aviation Inc	Sign:	J	6 3
	1	I		
D Aviation	Inc	Make:	Rotax	
Dynasty Aviation 601 SW 77th Way	,	Model:	912 IS	
— Pembroke Pines,	FL 33023	Tail:	N5954	
		S/N:	10001906	
Hours: TTE	: 99.3 AFTT: 98.9			
Hours.				
2. Inspected engli 3. Performed diffe 4. Removed top 8 5. Drained oil tanl open & inspected 6. Removed and i 7. Serviced with 3 8. Removed K&N 9. Visual inspecte 10. Visual inspect 11. Performed en 12. Applied corros 13. Safety directiv	remain pressure test, Cyl.1 a bottom spark plugs, Clea & Replaced the oil drain premoved oil filter, no meta inspected magnetic plug, n l. of Aeroshell Sport Plus 4 induction air filter, cleaned all air & fluid hoses for lot ed all wire & sensor connegine test run & leak check, sion resistance compound res list updated on 04/13/2 ween inspected IAW Rotax art 43, Appendix D and destant of the control of the c	Lengine oil. Le	ion frame bol	ts, engine mount bolts. 1 & Maintenance Checklist, safe operation. It is FAA LSRM-A 3883815
Signed:	Jenno J		Date:	04/13/2025
Name: Yun	Hsiang Tsai			
	No.			
8	360			
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