

Base record:

Engine log book number: <u>001</u> for piston engine		
Type of engine: <u>9120LS</u>	Model:	Engine serial no.: <u>9570358</u>
Manufacturer: BRP-Rotax GmbH & Co KG, 4623 Gunskirchen, Austria		Year of manufacture:
Data sheet:		
Take off power: _____ kW/Hp. perm. duration: _____ min at _____ r.p.m.		
Max. cont. power: _____ kW/Hp. at _____ r.p.m.		
Note: The above mentioned engine is considered to be operationally reliable if operated and maintained in accordance with the Civil Aircraft and Civil Aviation Equipment Order, current issue and the pertinent operational and maintenance instructions.		
Remarks: <u>Equipped as new: a new airplane N328AM from manufacturer Aeroprakt manufacturing USA</u>		
Date:		Signature:

Maintenance record:

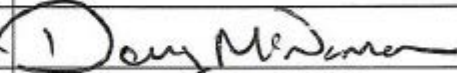
[illegible]

Maintenance record:

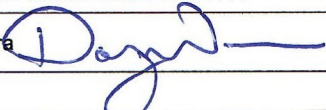
ACFT Model: Aeroprakt-32		GIBBS SERVICE CENTER	Date: 3-10-2020
Date:	Serial No.: 060	Montgomery Field, San Diego, CA 92123	W.O. No.: 20-124
	Reg. No.: N328AM	FAA Approved Repair Station VT3R931L	
	Eng. Mfr.: Rotax	Eng. Model: 912 ULS	Eng. S/N: 9570358
	SMOH: 65.5	Tach: 55.7	Airframe: 55.7
1. Complied with oil change as per the Rotax 912 Series Maintenance Manual. Oil drained and replaced with 3 ltrs. Aeroshell Sport Plus 4 oil. Removed oil filter and replaced with Rotax filter PN: 85-016. New gasket installed on drain plug. Ground run with no leaks noted.			
The aircraft and/or component identified above repaired/replaced and inspected in accordance with current federal aviation regulations and was found airworthy for return to service. Pertinent details of the repair/replacement are on file at this agency under Order No. 20-124			
Date: 3-10-2020		Signed: 	

ACFT Model: Aeroprakt A32		GIBBS SERVICE CENTER	Date: 10-8-2020
	Serial No.: 060	Montgomery Field, San Diego, CA 92123	W.O. No.: 20-506
	Reg. No.: N328AM	FAA Approved Repair Station VT3R931L	
	Eng. Mfr.: Rotax	Eng. Model: 912 ULS	Eng. S/N: 9570358
	SMOH: 110.3	Hobbs 100.5	Airframe: 100.5
	Completed annual/100 hr inspection referencing Aeroprakt-32 AMM and Rotax 912 MM. Complied with oil change as per the Rotax 912 Series Maintenance Manual. Oil drained and replaced with 3 ltrs. Aeroshell Sport Plus 4 oil. Removed oil filter and replaced with Rotax filter PN: 85-016. New gasket installed on drain plug. Installed new SS exhaust springs, EXH-2H, on 6 positions. Cleaned and serviced engine air filters. Ground run with no leaks noted. AD notes checked and are current 10-8-2020.		
The aircraft and/or component identified above repaired/replaced and inspected in accordance with current federal aviation regulations and was found airworthy for return to service. Pertinent details of the repair/replacement are on file at this agency under Order No. 20-506			
Date: 10-8-2020		Signed: 	

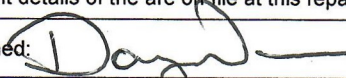
Maintenance record:

Date:	Engine hours:		Work performed:	Signature & Licence no.:
	TSN:	TSO:		
4/12/2021	149.8		Drain oil tank and replaced oil filter, tank w/ Rotax oil filter PN: 825016 As per Rotax Line Maintenance Manual Chapter 12.00 CO. Service to proper level with Aerushell Sport 4 plus. 2.75 liters. Ground ran to verify no leaks. Engine operated normally and oil level remained as per Rotax Operators Manual. PN: 899700	 AMF 3479779



Maintenance record:

Date:	Engine hours:		Work performed:	Signature & Licence no.:	
	TSN:	TSO:			
	Registration	N328AM	HM Aeronautics DBA Montgomery Avionics & Aircraft Services Hangar 105 3725 John J Montgomery Dr. San Diego, CA 92123 FAA A&P 3479779	Date: July 15, 2021	
	Serial No.:	060		Job #: 2111	
	Model.:	A32		Hobbs:199.1	
	<ol style="list-style-type: none">1. Complied with Rotax 200 hour inspection.2. Complied with Rotax SB 912-073 Carburetor Circlips. Replaced both carburetor Circlips PN: 861189 and O-rings PN: 950 430.3. Complied with Rotax SB-912-065 Carburetor Floats. Replaced both carburetor floats PN: 861 189 and float bowl gaskets PN 250 010.4. Drained oil and serviced with 2.75 liters of Aeroshell Sport 4 oil. Removed and replaced oil filter PN: AA825706.				
	Aircraft identified above was inspected in accordance with current federal aviation regulations and was found airworthy for return to service. Details of this inspection are on file at this Repair Station under WO 2111				
	Date: July 13, 2021		Signed: Doug McNamara 		
10/13/21	2482		Oil change - See Aircraft Logbook		

Maintenance record:

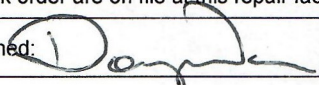
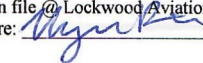
Date:	Engine hours:		Work performed:	Signature & Licence no.:	
	TSN:	TSO:			
	Registration N328AM	HM Aeronautics DBA Montgomery Avionics & Aircraft Services Hangar 105 3725 John J Montgomery Dr. San Diego, CA 92123 FAA A&P 3479779	Date: December 11, 2021		
	Serial No.: 060		Job #: 2246		
	Model.: Aeroprakt A32		Hobbs:298.0		
	<ol style="list-style-type: none"> 1. Complied with 100-hour Rotax 912ULS inspection as per Aeroprakt AMM 060. 2. Drained and serviced oil with 2.75 liters of Aeroshell Sport4. Removed oil filter inspected for particles and installed new Tempest Oil Filter PN: 08-07226. As per Chapter 12-20-00 Rotax BRP 912ULS Line Maintenance Manual Rev 1. July 01, 2021 3. Removed and inspected spark plugs and found all spark plugs worn to limits. Installed new spark plugs PN: 297-656 as per Rotax BRP 912ULS Line Maintenance Manual Chapter 12-20-00 Rev 1. July 01, 2021 4. Cleaned and lubricated intake filters with K&N cleaner and oil. 5. All Cylinders were compression checked and differential inspected as per Rotax BRP 921ULS Line Maintenance Manual Chapter 12-20-00 Rev 1 July 01, 2021 				
	Aircraft identified above was inspected and repaired in accordance with current federal aviation regulations and was found airworthy for return to service. Pertinent details of the are on file at this repair facility.				
	Date: December 11, 2021	Signed: 			

Maintenance record:

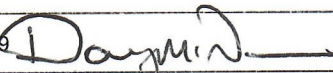
Date:	Engine hours:		Work performed:	Signature & Licence no.:
	TSN:	TSO:		
Registration	N328AM	HM Aeronautics DBA Montgomery Avionics & Aircraft Services Hangar 105 3725 John J Montgomery Dr. San Diego, CA 92123 FAA A&P3479779	Date: 25 February 2022	
Serial No.:	060		Job #: 2292-001	
Model.:	A32		Hobbs: 348.2	
1. Drained and serviced engine oil with 2.75 liters of Aeroshell Sport4. Removed oil filter inspected for particles and installed new Tempest Oil Filter PN: 08-07226. As per Chapter 12-20-00 Rotax BRP 912ULS Line Maintenance Manual Rev 1. July 01, 2021				
Aircraft identified above was Serviced and repair in accordance with current federal aviation regulations and was found airworthy for return to service. Pertinent details of the are on file at this repair facility.				
Date: 25 February 2022		Signed: 		
Registration	N328AM	HM Aeronautics DBA Montgomery Avionics & Aircraft Services Hangar 105 3725 John J Montgomery Dr. San Diego, CA 92123 FAA A&P3479779	Date: March 22, 2022	
Serial No.:	060		Job #: 2338-001	
Model.:	Aeroprakt A-32		Hobbs: 398.2	
1. Complied with 50/100/400-hour Rotax 912ULS inspection as per Aeroprakt AMM 060.				
2. Drained and serviced oil with 2.75 liters of Aeroshell Sport4. Removed oil filter inspected for particles and installed new Tempest Oil Filter PN: 08-07226. As per Chapter 12-20-00 Rotax BRP 912ULS Line Maintenance Manual Rev 1. July 01, 2021 Rotax PN: 825016				
3. Removed and inspected spark plugs and found all spark plugs to be serviceable.				
4. All Cylinders were compression checked and inspected as per Rotax BRP 921ULS Line Maintenance Manual Chapter 12-20-00 Rev 1 July 01, 2021				
Aircraft identified above was inspected in accordance with current federal aviation regulations and was found airworthy for return to service. Pertinent details of the are on file at this repair facility.				
Date: March 22, 2022		Signed: 		

[illegible]

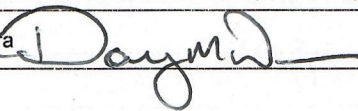
Maintenance record:

Date:	Engine hours:		Work performed:	Signature & Licence no.:
	TSN:	TSO:		
	Registration	N328AM	HM Aeronautics DBA Montgomery Avionics & Aircraft Services Hangar 105 3725 John J Montgomery Dr. San Diego, CA 92123 FAA A&P 3479779	Date: October 28, 2022
	Serial No.:	Eng. SN: 9570358		Job #: 2466001
	Model.:	912ULS		Tach: 592.6
	<ol style="list-style-type: none">1. Performed 50/100/600hr inspection in accordance w/ Rotax Line Maintenance Manual Addition 4 Rev 1 Chapter 5.2. Engine oil drained, oil tank cleaned of lead deposits, oil filter removed and inspected for particles- none found. Oil filter replaced with Rotax oil filter, Spruce PN: 825-016, serviced with 2.75 liters Aeroshell Sport 4 oil.3. Prop gearbox removed SN: 72755 sent to Lockwood aviation for clutch inspection. Overhauled by Lockwood PO# 328AM. New crank gear installed SN: 886548. Gearbox reinstalled as per Rotax Line MM stated above.4. Kiev propeller removed to facilitate gearbox maintenance. Reinstalled propeller as per Aeroprakt AMM 060.5. Spark plugs removed and inspected, replaced with 8 new spark plugs PN: 297656.6. Ground runs and leak check performed post inspection: and all engine parameters were within specifications of the Aeroprakt POH and Rotax Line MM as stated above.7. Next oil change due in 50 hours.			
	Aircraft identified above was in inspected accordance with current federal aviation regulations and was found airworthy for return to service. Pertinent details of the work order are on file at this repair facility.			
	Date: October 28, 2022	Signed:  AP3479779		
	10-October-2022 N328AM 912ULS S/N 9570358 Hobbs: 592.4 C/W 600 Hour Gear Box Inspection on Gear Box S/N 72755. Installed 3 new spring discs, 2 ring halves, friction washer, dog hub P/N 958525, gear set P/N 886548 S/N 22.2372 and re-shimmed. All work completed I/A/W Rotax M/M. Pertinent details can be found on file @ Lockwood Aviation Repair Under WO13832. Signature:  Morgan Pereira A&P 4495725			

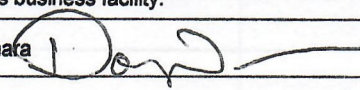
Date:	Engine hours:		Work performed:	Signature & Licence no.:
	TSN:	TSO:		

Registration	N328AM	HM Aeronautics DBA Montgomery Avionics & Aircraft Services LLC 3725 John J Montgomery Dr. Hangar 105 San Diego, CA 92123 FAA A&P 3479779	Date: December 16, 2022
Model:	Aeroprakt A32		WO: 2577-001
Serial:	060		Hobbs:632.2
1. Complied with 100hr/ Annual Condition as per Rotax Line Maintenance Manual Edition 4. All defects noted. 2. Oil drained and serviced with Aeroshell Sport 4 3 liters. Oil Filter removed inspected no defects noted. Installed new Rotax Oil Filter 825-016. Engine ground run for leaks and performance as per Rotax Line Maintenance Manual Edition 4. No defects noted. 3. All cylinder's compressions found to be within specifications. Continue safe for flight.			
Aircraft engine identified above was inspected in accordance with current federal aviation regulations and was found safe for flight. Pertinent details of the work order are on file at this Repair facility.			
Date: December 16, 2022		Signed: Doug McNamara A&P 3479779 	

Maintenance record:

Date:	Engine hours:		Work performed:	Signature & Licence no.:
	TSN:	TSO:		
Registration	N328AM	HM Aeronautics DBA Montgomery Avionics & Aircraft Services Hangar 105 3725 John J Montgomery Dr. San Diego, CA 92123 FAA A&P 3479779	Date: March 13, 2023	
Serial No.:	060		WO: 23055-001,002,003	
Model.:	Aeroprakt Engine		Hobbs:700.8	
<ol style="list-style-type: none">1. Squawk 001; Complied with Rotax 912ULS 50/100 hour as per Rotax MML-912 899196 Chapter 5-20-00 and Chapter 12-00-00. Oil drained, and a new gasket and filter installed. Serviced with 2.75 liters Aeroshell Sport 4 oil. Removed and cut filter, no particles found. Spark Plugs inspected and reinstalled. Compression fell within limits as per Rotax inspection criteria Chapter 12-20-00.2. Squawk 002; Removed both left and right aft engine mounts due to heat cracking Installed new mounts PN: A32-03-002. Complied with SB A32-14. Installed fabricated heatshields as per SB A32-14.3. Squawk 003; Found coolant overflow rubber line dry rotted. Removed and replaced with suitable replacement performed leak check and found repair to be airworthy.4. Squawk 004; Found oil tank return line to have contacted the right exhaust header. Complied with SB A32-15 Oil hose inspection. Found the oil return and supply lines to the oil pump deteriorated. Installed Parker Pushlok plus hi temp lines P/N 836-8, Also found copper washers to be improperly installed on banjo bolt. Installed oil return banjo fitting correctly as per Rotax Line MML- 912 899196				
Aircraft identified above was inspected and repaired in accordance with current federal aviation regulations and was found airworthy for return to service. Pertinent details of the work order are on file at this Repair Facility				
Date: March 13, 2023		Signed: Doug McNamara 		

Maintenance record:

Date:	Engine hours:		Work performed:	Signature & Licence no.:	
	TSN:	TSO:			
	Registration: N328AM		Montgomery Avionics & Aircraft Services 3725 John J Montgomery Dr. Hangar 105 San Diego, CA 92123	Date: July 10, 2023	
	Serial No.: 060			WO: 23115	
	Model.: A32			Hobbs: 802.2	
	<ul style="list-style-type: none">Complied with 100/200 hour airframe/engine inspection as per Aeroprakt AMM-060 and Rotax Line MM Chapter 5. Complied with 100/200 Rotax Engine Inspection. All discrepancies noted.Removed and replace #4 spark plug boot PN:265 249. Removed the #4 ignition cable and replaced PN: 865 711. Removed and replaced the Fuel Pump. Removed PN: 893115, SN:17.3371. Installed new Fuel Pump SN: 22.3661. Removed and replaced both carburetor diaphragm's PN: 861116. Removed and replaced all 8 spark plugs with Rotax spark plugs PN: 297656 and gapped. Removed tempest oil filter and replaced oil filter with Rotax PN: 825 016, gasket for oil tank replaced. Cleaned oil tank and serived Oil with 2.75 liters AeroShell Sport 4 oil. Removed and replaced oil lines at last 50 hour. Lower Coolant lines replaced in 2022 and the top coolant lines inspect and replaced. Coolant and oil serviced as per Rotax Line MM Chapter 12-20-00.Engine runs completed and found to be within all limits.				
	Aircraft identified above was repaired in accordance with current federal aviation regulations and was found airworthy for return to service. Pertinent details of the tasks are on file at this business facility.				
	Date: July 10, 2023	Signed: Doug McNamara 			

ROTAX
5-YEAR

18