Aircraft Record General Information

Manufacturer Aeroprakt Manufacturing SP. Z.O.O. **Model** A32 VIXXEN

Serial 060 **Registration Number** N328AM

Date of Manufacture 11/2018

Engine(s) currently installed:

Manufacturer Rotax **Model** 912 ULS 2-01 **Serial** 9570358

Manufacturer **Model** **Serial**

Propeller(s) currently installed:

Manufacturer Kiev Prop **Model** R263

HUB Model 263 **Serial** 24 **Serial**

Blade Model R263 **Serial** 263/910 **Serial** 263/910 **Serial** 263/910

Blade Model **Serial** **Serial** **Serial**

Registered Owner Record

Name The Gudorf Group, Inc. Address 13164 Polvera Ave
City SAN DIEGO State CA From To

Name Address
City State From To

Name Address
City State From To

Name Address
City State From To

Name Address
City State From To

Name Address
City State From To

Name Address
City State From To

Name Address
City State From To

Name Address
City State From To

Notes

Transponder
GTX45R = S# 4YC020418

YEAR 20 18 DATE	TOTAL TIME IN SERVICE	Current Weight and Balance Information			
		Empty Weight	Empty CG	Useful Load	Remarks
10/20/2018	0	724	62.43	596#	Datum is Prop FLANGE CG Range is 60"-70"

YEAR 20 18 DATE	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.)
10/20/2018	0	0	0	Final assembly Completed Ground + Taxi Tests Completed Dennis LONG LSRM-A #3603104 Dennis Long 10/20/2018
11/16/2018	1.3	1.3	1.3	Flight Test Complete. I Dennis Long certify this aircraft has been Inspected on 11/16/2018 in accordance with 14 CFR Part 43 Appendix D and has been found to be in safe condition for Flight Dennis Long #3603104 LSRM-A

YEAR 20 ___ DATE	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.)
11/20/18				I find that the aircraft meets the requirements for the certification requested and have issued a Special Airworthiness Certification dated 11/20/2018. The next inspection is due 11/2019
				Daniel P Merrell
				ASI, CE-21 Memphis FSDO
11/01/2019	9.5	0	9.5	I Dennis Long certify that this aircraft has been inspected in accordance with scope & detail of 14 CFR Part 43, appendix D: and was found to be in a condition for safe flight. Dennis C. Long
				LSRM #3603104

YEAR 20____ DATE	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.)
10/01/2019	9.5	0	9.5	Changed oil, Aeroshell Sport Plus 4, Magnetic Plug shows normal.

MAKE
MODEL
S/N
REG NO N328AM
WORK ORDER 11299

Ramona Avionics, Inc.

~~Repair Station No. XRMR802K~~
2450 Montecito Rd
Ramona, CA 92065
Phone. 760-788-0546

DATE: 11/1/19
A/C TSN:
TACH:

Airframe Entries

Removed and replaced GSU 25 with overhauled unit. Ground tested good

DATE:

SIGNED: 3489091 A&P

Taylor
Certified Repair Station No. XRMR802K

Work Order: 11299

Printed by EBis 3 (datcomedia.com)

YEAR 20 DATE	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.)

ACFT Model:	Aeroprakt A32	**GIBBS SERVICE CENTER**	Date: 3-10-2020
Serial No.:	060	Montgomery Field, San Diego, CA 92123	W.O. No.: 20-124
Reg. No.:	N328AM	FAA Approved Repair Station VT3R931L	Hobbs: 55.7

1. SB A32-06 Window Crazing and Crack inspection complied with. No defects noted on the windscreen mounting holes. Inspected rear and sides no defects noted.
2. SB A32-07 Nose Wheel mount inspection complied with. No defects noted on the wheel attach mount to strut. Suggest the nose mount be replaced at further time with the newer designed mount. Owner deferred to later time.
3. Idle was checked as per the Rotax Operators Manual PN: 899700, but not adjusted as the idle settles to 1790-1800 when warmed up. Oil temp shows 123F
4. Inspected AFHT tail cone. Found the clearance between the AFHT and inbd edge very close. Loosened mount screws, moved cone to the left and centered. Should be inspected at 100 hour inspections.
5. Installed TCW Integrated Backup Battery PN:11-1265 3AH (1.1lbs @ FS65.5) as per the TCW installation manual PN: 725.0022 Rev1.6 and Garmin G3X installation manual PN: 190-01115-01 Rev AL. Weight and balance recalculated. Equipment list updated. Reconfigured G3X to recognize backup battery voltage to be displayed on main screen as Bus2.
6. Removed Duracell deep cycle battery. Replaced with Odyssey PC680 Dry cell aircraft battery PN: 0769-2016C0N6. Date code 19312. Weight within 1lb difference. .

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:

YEAR 20____ DATE	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.)

MAKE: AEROPRAKT
MODEL: A32
S/N: 060
REG. NO: N328AM
WORK ORDER: 13449

Ramona Avionics, Inc.

Repair Station No. XRMR802K
2450 Montecito Rd
Ramona, CA 92065
Phone: 760-788-0546

DATE: 7/10/2020
A/C TSN:
TACH:

Airframe Entries

Removed faulty GTX 45R transponder.Installed and configured overhauled GTX 45R transponder SN 4YC020804.
The ATC Transponder in this aircraft have been tested and inspected and found to comply with Part 43 Appendix F as required by Part 91.413 of the Federal Aviation Regulations.
MFG Garmin S/N 4YC020804

DATE: 7/10/2020 **SIGNED:**

Taylor
Certified Repair Station No. XRMR802K

Work Order: 13449

Printed by EBis 3 (datcomedia.com)

ACFT Model:	Aeroprakt A32	**GIBBS SERVICE CENTER**	Date: 7-13-2020
Serial No.:	060	Montgomery Field, San Diego, CA 92123	W.O. No.: 20-340
Reg. No.:	N328AM	FAA Approved Repair Station VT3R931L	Engine TT: 73.4, Hobbs 65.4

Removed broken exhaust spring, left aft side and replaced with Stainless Spring PN: 08-13851-1. Inspected the rest of the exhaust springs for cracking, none found bad.

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. 20-340

Date: 7-10-2020 Signed:

YEAR 20 DATE	RECORDING	TODAY'S	TOTAL	Description of Inspections, Tests, Repairs and Alterations (Number of entries.)

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	Hobbs: 100.5

Completed annual/100 hr inspection referencing Aeroprakt-32 AMM. Adjusted RH aileron push/pull tube rod end to allow proper rotation. Cleaned pilot's elevator control shaft. Adjusted Aileron, Elevator and Rudder cables to proper tensions and safety wired turnbuckles. Tightened all clamps on fuel lines under rear tunnel and at fuel filter, cleaned fuel staining. Repaired carb heat control cable with heat shield. Inspected nose wheel fork hinge bracket. No defects noted. **C/W FAR 91-207(d),** ELT inspection and functional test. Next due 10-2021. 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: Wayne H

2-7-2021	136.2		136.2	Removed existing nosewheel part. Approved Installed nosewheel mudguard. W&B did not change; negligible. Mudguard approved parts from Aeroprakt. Dan Mc A&P 3079779
3-13-2021	144.9		144.9	Remove existing main wheel parts. Approved. 2.0 lbs total wheel location weight. W&B not affected. Install mud guards from manufacturer @ later date. Dan Mc A&P 3079779

YEAR 20____ DATE	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.)

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

1. Complied with Aeroprakt A32 200 hour inspection. Inspected Wing struts and sealing tapes. Inspected tires for service and cuts and wear. Inspected brake pads, disks for wear, brake fluid and tubing. Inspect engine airbox for cracks. Inspect propeller and hub for crack and defects. Inspect proper pitch angle, and torque of spinner bolts. No defects noted and torque stripe applied to all propeller hardware. Inspect trim tabs for attachment and control cables for proper tension. Inspect fuel level sensors and operation. Inspect cabin heating box.
2. Complied with SB A32-06 windshield for cracks and crazing at attachment holes.
3. Complied with Rotax 200 hour inspection.
4. Complied with Rotax SB 912-073 Carburetor Circlips. Replaced both carburetor Circlips PN: 861189 and O-rings PN: 950 430.
5. Complied with Rotax SB-912-065 Carburetor Floats. Replaced both carburetor floats PN: 861 189 and float bowl gaskets PN 250 010.
6. 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. Pertinent details of the are on file at this Repair Station under 2111

Date: July 15, 2021	Signed: Doug McNamara

YEAR 20____ DATE	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.)

Registration	N328AM	HM Aeronautics DBA Montgomery Avionics & Aircraft Services Hangar 105 3725 John J Montgomery Dr. San Diego, CA 92123 FAA A&P3479779	Date: October 13, 2021
Serial No.:	060		Job .: 2202-001
Model.:	Aeroprakt A32		Hobbs:248.2

1. Drained engine oil; and removed existing Tempest oil filter. Installed new oil sump gasket and serviced oil sump with 2.75 liters of Aeroshell Sport 4 oil. Installed new Rotax oil filter 825014/016. As per Rotax 912 Line Maintenance Manual. Chapter 12-20-00 Ground ran for 7 minutes with no leaks.
2. Serviced coolant with recommended coolant as per Rotax Line Maintenance Manual. Chapter 12.
3. Researched SB 912-075UL for Carburetor spring retainer mounts. SB does not apply to this serial number engine.

Aircraft identified above was serviced and 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: October 13, 2021	Signed: Doug McNamara

YEAR 20____ DATE	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.)

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

1. Complied with annual/100-hour airframe inspection as per Aeroprakt AMM 060. C/W FAR 91-207(d) Battery due 10/2025
2. Found left main tire worn to limit. Removed left wheel assembly and installed new Airtrac 15x6.00-6 4 ply tire and reinstalled left main wheel as per Aeroprakt A32-60-AMM Chapter 5. Serviced tires to prescribed pressures.
3. Found Nose strut with small crack. Removed nose strut, dye penetrant inspected, welded as per AC43.13-1b guidelines. Painted strut to match airframe. Lubricated and installed nose strut. As per Aeroprakt A32-60-AMM Chapter 5.0
4. Found nose landing light inoperative. Light on order from Aeroprakt, will install new unit when light arrives. All other lights operate normally.

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:

YEAR 20____ DATE	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.)

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 19, 2021
Serial No.:	060		Job .: 2262-001
Model.:	A32 Vixxen		Tach: 309.6

1. Removed cowl LED Landing Light. Replaced with LED Light approved from Aeroprakt USA same type of unit. Landing light operates normally.

Aircraft identified above was altered 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 19, 2021	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: 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
2. Found bad right brake lining and rotor. Removed right brake disk, PN: WHLD4 disk, replaced with Matco same part number. Removed both left and right brake linings and replaced with WHLBRL-3 brake relining kits as per Matco Service Bulletin. Brake linings burned in as per Matco break lining break in procedures. Brakes operate as per Aeroprakt A32 POH

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:

YEAR 20____ DATE	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.)

Registration N328AM	HM Aercnautics DBA Montgomery Avionics & Aircraft Services Hangar 105 3725 John J Montgomery Dr. San Diego, CA 92123 FAA A&P3479779	Date: 4 March 2022
Serial No.: 060		Job .: 2320-001
Model.: A32		Hobbs: 348.2

1. Found weeping return coolant hoses on right lower radiator location. Removed and replaced with suitable substitute. Reserviced coolant and ground ran for 30 minutes with no issues.
2. Found bad IBBS battery and chaffed power wire to G3X GDU. Repaired power wire as per AC43.13 2B Chapter 12. Removed IBBS Battery PN: IBBS-12V-3AH, SN: 20197743, Installed PN: IBBS-12V-3AH, SN: 20229944. Operational checked as per TCW IBBS Manual PN: 725.0022 Rev 1.9

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: 4 March 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 100-hour inspection as per scheduled maintenance requirement, in Aeroprakt A-32 maintenance manual serial number 060. Artex 406 ELT inspection C/W FAR 91-207(d) Battery due 10/2025

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:

YEAR 20____ DATE	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.)

Registration N328AM	HM Aeronautics DBA Montgomery Avionics & Aircraft Services Hangar 105 3725 John J Montgomery Dr. San Diego, CA 92123	Date: May 4, 2022
Serial No.: 060		Job .: 2381-001
Model.: Aeroprakt A32	FAA A&P3479779	Hobbs: 449.1

1. Drained engine oil; and removed existing Tempest oil filter. Installed new oil sump gasket and serviced oil sump with 2.75 quarts of Aeroshell Sport 4 oil. Installed new Rotax oil filter 825014/016. As per Rotax 912 Line Maintenance Manual. Chapter 12-20-00 Ground ran for 7 minutes with no leaks.
2. Researched service bulletin SB-912 i-013iS for electric fuel pump, fuel pump serial number on aircraft does not apply to service bulletin.

Aircraft identified above was serviced 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: May 4, 2022 Signed: A&P 3479779

YEAR 20____ DATE	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.)

Registration	N328AM	HM Aeronautics DBA Montgomery Avionics & Aircraft Services Hangar 105 3725 John J Montgomery Dr. San Diego, CA 92123 FAA A&P3479779	Date: June 2, 2022
Serial No.:	060		Job .: 2391-001
Model.:	A32 Aeroprakt		Hobbs: 455.2

1. Removed LH main brake rotor and installed new rotor P/N WHLD4 and replaced brake linings P/N M66-1055.
2. Removed LH main wheel hub and bearings and installed new wheel hub and bearings P/N MH62-2B
3. Removed RH main brake linings and installed brake linings P/N M66-1052
4. Verified transponder wiring to be correct in accordance with Aeroprakt aircraft maintenance manual, verified transponder with AV-17 to be transmitting correct squawk code, verified with tower and Garmin that no squawk code of 7500 was being transmitted.

Aircraft identified above was serviced 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: June 2, 2022	Signed: A&P3479779

YEAR 20____ DATE	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.)

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 1, 2022
Serial No.:	060		Job .: 2429-001
Model.:	A32		Tach: 496.5

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
2. Performed 100hr inspection in accordance w/ Aeroprakt Service manual & Rotax Maintenance manual rev 1. July 01, 2021.

Aircraft identified above was in inspected 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: July 1, 2022 | Signed: A&P 3479779

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 1, 2022
Serial No.:	060		Job .: 2429-001
Model.:	A32		Tach: 496.5

1. Performed 500hr inspection in accordance w/ Aeroprakt AMM 060..

Aircraft identified above was in inspected 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: July 1, 2022 | Signed:

YEAR 20____ DATE	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.)

Registration	N328AF	HM Aeronautics DBA Montgomery Avionics & Aircraft Services Hangar 105 3725 John J Montgomery Dr. San Diego, CA 92123 FAA A&P 3479779	Date: July 28, 2022
Serial No.:	060		Job .: 2453-001
Model.:	A32		Hobbs: 547.1

1. Drained engine oil; and removed existing Tempest oil filter. Installed new oil sump gasket and serviced oil sump with 2.75 liters of Aeroshell Sport 4 oil.vInstalled new Tempest oil filter AA825706 as per Rotax 912 Line Maintenance Manual. Chapter 12-20-00 Ground ran for 7 minutes, no leaks.
2. All service bulletins up to date.

Aircraft identified above was serviced 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 Station.

Date: July 28, 2022	Signed:

YEAR 20____ DATE	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.)

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.: 060		Job .: 2466-001
Model.: A32		Tach: 592.6

1. Performed 600hr inspection in accordance w/ Aeroprakt AMM 060.All defects noted
2. Found crack in nose shock upper mount, removed and replaced with suitable substitute PN: DV-22. Installed the original spring on the new shock.
3. Nose tire removed and replaced with 15x.06 6ply Airtrac.
4. Left and Right MLG tires and tubes removed and replaced. 2 ea Goodyear Flight Custom tires PN:15x6.0.6 SN20260072, 20260198. RH hub with bearing set removed and replaced due to fatigue. LH hub inner bearing removed and replaced.
5. Airframe Fuel filter removed and replaced with suitable substitute. Leak check performed.
6. Airframe lubrication completed as per Aeroprakt AMM 060 Chapter 12. Nose strut inspection and lubrication complied with.
7. ELT moved from center console to RH factory mount to facilitate fire extinguisher installation.
8. Installed customer provided Fire Extinguisher Model. A344T at ELT previous location. Weight and Balance negligible.
9. Inspected G3X software for latest update. Software is one version below latest version. Suggest at next 100 hour inspection update G3X and LRU software,

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 29, 2022	Signed: A&P 3479779

YEAR 20____ DATE	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.)

Registration	N328AM	HM Aeronautics DBA Montgomery Avionics & Aircraft Services Hangar 105 3725 John J Montgomery Dr. San Diego, CA 92123 A&P 3479779	Date: November 15, 2022
Serial No.:	060		WO: 2555
Model.:	Aeroprakt A-32		Hobbs/Tach: 606.8

1. Found pitch trim cable dislodged from pitch trim lever. Reinstalled cable correctly onto lever. Performed operational check in accordance w/ A32-060-POH & AMM.

Aircraft identified above was 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: November 15, 2022	Signed: Doug McNamara

Registration Number	N328AM	HM Aeronautics Inc. 3725 John J Montgomery Dr Hangar 105 9HBR430C	Date: December 16, 2022
Make/Model	Aeroprakt A32		Work Order: 2577-002
Serial. No.:	060		Hobbs: 632.2

I certify that the Altimeter, Automatic Pressure Altitude Reporting Static Systems and ATC Transponder test and inspections required by FAR 91.413 have been performed and found to comply with FAR 43, Appendix F.

Altimeter S/N:__Garmin 3X ____ Tested to:___Field Elevation_____

Encoder S/N:___Garmin _____ Transponder S/N:__GTX45 SN: _____

The aircraft identified above was inspected in accordance with current federal aviation regulations and was found airworthy for return to service. Pertinent details of the inspection are on file at this agency under Repair Station

Date: December 16, 2022	Doug McNamara

d Alterations
ate Number of
pecific entries.)

ovember 15, 2022

555

6.8

Performed

ound airworthy for

YEAR
20 ____
DATE

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 16, 2022
Model:	Aeroprakt A32		WO: 2577-001
Serial :	060		Hobbs:632.2

1. Complied with Annual Condition as per Aeroprakt Maintenance Manual 060. 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. Rear access panel adhesive not sticking on rear window panel. Found crazing and small cracks in panel. Fabricated panel from Lexan and installed panel with 15lb adhesive tape.
4. Serviced tires to proper inflation specifications.
5. ELT battery found dead. Squawked on work order.

Aircraft identified above was inspected and repair 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

Registration:	N328AM	HMAeronautics Inc, **DBA Montgomery Avionics & Aircraft Services** 3725 John J Montgomery Dr. Hangar 105 San Diego, CA 92123	Date: December 16, 2022
Make/Model	Aeroprakt A32		W.O. No.: 2577-004
Serial Number	060		Hobbs: 632.2

Performed ELT inspection per FAR 91.207 (d) on, P/N: A3-06-2880 Artex ELT345, S/N: 267-11600
HEX ID: 2DC88 5DAA0 FFBFF , Battery Expiration Date: June 2029

1. Removed bad battery PN:A3-06-2883, Installed new battery A3-06-2883, SN: 397432-026. Unit tested as per Artex ELT 345 inspection instructions. Y1-03-0282 Rev P.

The 406 Model ELT identified above has been inspected and tested in accordance with current federal aviation regulations 91.207(d) and was found airworthy for return to service. Details of the inspection are on file at this repair facility.

Date: December 16, 2022	Signed: Doug McNamara A&P 3479779

YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alteration** Entries must be endorsed with Name, Rating and Certificate Number o Technician or Repair Facility. (*See* back pages for other specific entries

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: February 7, 2023
Serial No.:	060		WO: 32003-002
Model.:	Aeroprakt A32		Hobbs:673.3

1. Drained oil, removed oil filter for inspection. No particles found. Installed new gasket on drain and installed new Rotax oil filter PN: 825016. Serviced with 2.7 liters Aeroshell Sport 4 oil. Ground ran for 5 minutes and found no leaks. All work done IAW Rotax Line Maintenance Manual-912 899196

Aircraft identified above was serviced 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: 2-7-2023 Signed: Doug McNair

YEAR 20____ DATE	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.)

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: February 7, 2023
Serial No.:	060		WO: 32003-002
Model.:	Aeroprakt A32		Hobbs:673.3

1. Drained oil, removed oil filter for inspection. No particles found. Installed new gasket on drain and installed new Rotax oil filter PN: 825016. Serviced with 2.7 liters Aeroshell Sport 4 oil. Ground ran for 5 minutes and found no leaks. All work done IAW Rotax Line Maintenance Manual-912 899196

Aircraft identified above was serviced 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: 2-7-2023 Signed: Doug McNa

Registration	N328AM	**Montgomery Avionics & Aircraft Services** 3725 John J Montgomery Dr. Hangar 105 San Diego, CA 92123	Date: February 23, 2023
Serial No.:	060		WO: 20047
Model.:	A32		Tach/Hobbs: 693.4

1. Complied with customer requested Aeroprakt SBA32-14, mark green arc on airspeed indicator to the specifications as per Aeroprakt new speed limitations.
2. Complied with customer requested Aeroprakt SBA32-15, inspect Rotax 912 oil lines for deterioration and damage. No defects noted and will replace hoses at the 5year replacement. Inspect at each 50/100/ and annually.
3. Complied with customer requested Aeroprakt SBA32-16, Engine heat shields installation. Ordered heat shields and will install at the time the heatshields arrive. Inspected aft engine mounts for deterioration. Found minor cracking, will order and replace at the same time the heat shields are installed.

Aircraft identified above was inspected accordance with current federal aviation regulations and was found airworthy for return to service. Pertinent details of the are on file at this business facility.

Date: February 23, 2023 Signed: Doug McNa

YEAR 20____ DATE	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.)

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
Model.:	A32		Hobbs:700.8

1. Complied with 50/100-hour inspection of airframe. All airframe defects noted on squawks 005-006.
2. Squawk 005; right brake pad worn beyond limit. Removed and replaced both right hand brake pads and reinstalled brakes as per Aeroprakt AMM 060.
3. Squawk 006; left outer main landing gear wheel bearing found worn out. Removed and replace bearing with suitable same part. Installed main landing gear wheel as per Aeroprakt AMM060.
4. Aircraft lubricated as per Aeroprakt AMM 060

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 A&P3479779

3/16/23	702.1	/	702.1	Post Maintenance FCF good - Return to Service Kevin A. Brice Kevin A. Brice # 3336818
				See Engine Log for compliance with SBA 32-15 + SBA 32-16

YEAR 20____ DATE	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.)

Registration: N328AM	HM Aeronautics Inc, **DBA** **Montgomery Avionics & Aircraft Services** 3725 John J Montgomery Dr. Hangar 105 San Diego, CA 92123	Date: April 18, 2023	
Serial No.: 060		WO: 23095	
Model.: A32		Tach/Hobbs: 740.3	
Drained and serviced oil with Aeroshell Sport 4 2.75 liters. Removed and replaced oil filter Tempest PN: 08-07226, and gasket PN: 250 010. Referred Rotax Line Maintenance Manual Chapter 12-20-00 Oil Change and Serviced			
Aircraft identified above was tested in accordance with current federal aviation regulations and was found airworthy for return to service. Pertinent details of this service are on file at this business facility.			
Date: April 18, 2023	Signed: A&P 3479779 Doug McNamara		

Registration: N328AM	HM Aeronautics Inc, **DBA** **Montgomery Avionics & Aircraft Services** 3725 John J Montgomery Dr. Hangar 105 San Diego, CA 92123	Date: May 12, 2023	
Serial No.: 060		WO: 23113	
Model.: A32		Tach/Hobbs: 774.0	
Drained and serviced oil with Aeroshell Sport 4 2.60 liters. Removed and replaced oil filter Tempest PN: 08-07226, and gasket PN: 250 010. Referred Rotax Line Maintenance Manual Chapter 12-20-00 Oil Change and Serviced			
Aircraft identified above was tested in accordance with current federal aviation regulations and was found airworthy for return to service. Pertinent details of this service are on file at this business facility.			
Date: May 12, 2023	Signed: A&P 3479779 Doug McNamara		

YEAR 20____ DATE	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.)

Registration: N328AM	HM Aeronautics Inc, DBA **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

- Complied with 100/200 hour airframe inspection as per Aeroprakt AMM-060. Complied with 100/200 Rotax Engine Inspection. All discrepancies noted.
- Removed and replace nose gear pivot block.
- Removed and replaced both left and right AFHT pivot bearings PN: A32-01-011 both left and right. Re-installed AFHT and rigged as per Aeroprakt AMM 060.
- Cleaned and treated corrosion AFHT trim rod .
- Found bad left inner main landing gear bearing. Removed and replaced with suitable substitute, PN: 1630 2RS

Aircraft identified above was 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 business facility.

Date: July 10, 2023	Signed: Doug McNamara

YEAR 20____ DATE	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.)

Registration: N328AM	HM Aeronautics Inc, DBA **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

- 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

See Engine Log Book