

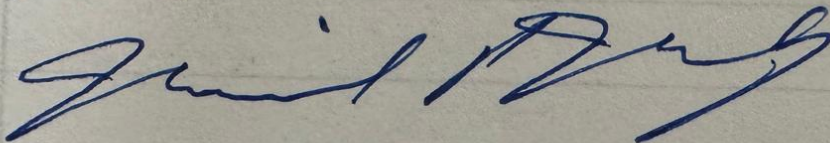
**TOTAL
TIME IN
SERVICE**

Description of Inspections, Tests, Repairs and Alter

Entries must be endorsed with Name, Rating and Certificate Number of the Technician or Repair Facility. (See back pages for other specific

Date 07-09-2019 N 328EM

I find that this aircraft meets the requirements for the certificate requested and have issued a Special Airworthiness Certificate and operating limitations. NEXT INSPECTION DUE 07/2020



Michael P. Maley, DARF 093882701

SERVICE

Technician or Repair Facility. (See back pages for other specific entries)

REGISTRATION NUMBER: N328EM

DATE

7-8-2019

AIRCRAFT TOTAL TIME : 2.3 hours.

I certify that the transponder model 6TK-458 with Ser. No. 47C020662
has been tested, inspected and found to comply with Title 14 CFR 91.413 and CFR 43
Appendices F and E (c).

Southland ROTAX FAA Repair Station #6SDR019C.

Ken Burrall
INSPECTOR

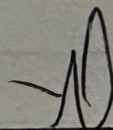
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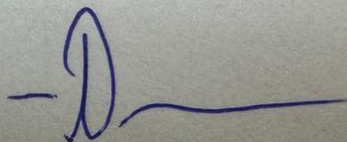
INVOICE #

Southland Form 1500

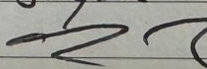
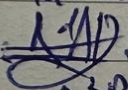
Rev. 1.0 08/28/2012

I certify that this aircraft has been inspected
on 7/19/19 in accordance with the scope
and detail of Appendix D of FAR Part 43 and
found to be in a condition for safe operation.

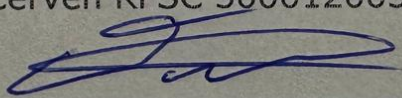


RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number Technician or Repair Facility. (See back pages for other specific entries)
		40.3	<p>I certify that the prescribed flight test has been completed and the aircraft is controllable throughout its normal range of speeds and throughout all maneuvers to be executed, has no hazardous operational characteristics or design features and is safe for operation.</p> <p style="text-align: right;">  Dan Moran PPL 37761 </p>

YEAR 20 <u>19</u> DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Entries must be endorsed with Name, Rating and Certificate Technician or Repair Facility. (See back pages for other s
06 SEP 2019	106.2		106.2	oil and filter change using new Rotax filter PN: 825-016, 3L of Aeroshell Sport Plus 4, Rotax gasket PN: 15-00260. Inspected old oil filter. Replaced fuel filter with Rotax PN: E14. Replaced master caution LED L using green 12-14 Volt panel light. Adjusted Pilot's side, Aft door latch. Performed operational check engine, no leaks detected. John D. Bosley 3448172 A&P 1

YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and A Entries must be endorsed with Name, Rating and Certificate Technician or Repair Facility. (See back pages for other spec
2-20-2020	171.7			Changed oil and filter IAW Rotax 915IS Maint manual. Replaced 3L Aeroshell Sport +4 and 825-016 filter. Test run performed. No leaks found. Bryan Toepten 362476/  2/20/20
4/28/20				Removed and Replaced Both MLG and tubes AS required per Aircraft Factory Maintenance Manual defects noted AT this time.  Davis 4/28/20 AJP33

IG	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 the inspecting Technician or Repair Facility. (See back pages for other specific instructions)
			<div><div>N328EM Rotax Engine</div><div>Sling TSI 915iS</div><div>Serial Number 1639 Serial Number 9132230</div></div>
			Hobbs: 201.9
			I certify that this aircraft has been inspected on May 5 2020, in accordance with the manufacturer's maintenance and 100 Hour inspection procedures and was found to be in a condition for safe operation. Leak down: 1: 78/80, 2: 80/80, 3: 76/80, 4: 76/80. Serviced with 3L of Aeroshell Sport Plus 4 Oil, New Rotax Filter 825-016, Crush Gasket 15-08260. Inspected magnetic plug and filter, no defects noted.
			C/W Recurrent ASB #0010, Rib Thickness @ .8mm, using visual method, per instructions no further action is required.
			C/W Sb # 0001, using visual methods and determined there are no cracks in the landing gear assembly, next due at (each preflight). Performed run up and leak check, none noted. Aircraft Returned for Service,
			David A Torres A&P 3375428

G	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterati <small>Entries must be endorsed with Name, Rating and Certificate Number Technician or Repair Facility. (See back pages for other specific entr</small>
			<div> <div> N328EM Sling 4 TSI Serial Number 163S Rotax Engine 915is Serial Number 9132230 HOBBS: 317.6 12/22/2020 Replaced all four Double Ignition Coils, Rotax part number 665-613. Replaced Ignition Cable Set, Rotax part number 665-558. Replaced all eight Spark Plug Caps, Rotax part number 265-249. All work performed per Rotax MMH, sec 74-20-00. Performed ground run, no defects noted at this time. Checked ECU fault logs using B.U.D.S. diagnostic tool, no faults at this time. Dylan Cerven RFSC 30001200314-3881  </div> </div>

<div> <div> <div>AB</div> <div>21</div> </div> <div>TE 1/7</div> </div> <div>RECORDING TACH TIME</div>	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, R Entries must be endorsed with Name, Rating Technician or Repair Facility. (See back page)
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N328EM

Sling 4 TSI

Serial Number 130

Rotax Engine: 915iS

Serial Number: 9122230

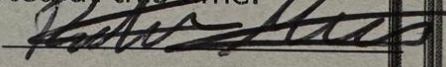
HOBBS: 322:1

01/08/2021

Engine Annual

I Certify That This Aircraft Engine Has been Inspected on
 01/08/2021, in Accordance with The Maintenance Manual
 Annual Condition Inspection Procedures and was Found to be
 in safe Condition. Leak down: 1: 79/80, 2: 74/80, 3: 78/80,
 4: 78/80. Serviced with 3L of Aeroshell Sport Plus 4 Oil, New
 Rotax filter 825-016, Crush Gasket 15-08260. Inspected
 magnetic plug and filter, no defects noted. Replaced spark
 plugs x8 with new parts P/N: 297-656. Performed run up
 and leak check, no discrepancies noted at this time.

Robert P Groman 4065396 A&P



DATE

TIME

SERVICE

Entries must be endorsed with Na
Technician or Repair Facility. (See

N328EM

Sling TSi

Serial Number 163s

Rotax Engine

915iS

Serial Number 9132230

HOBBS: 365.0

Engine Tach: 325.0

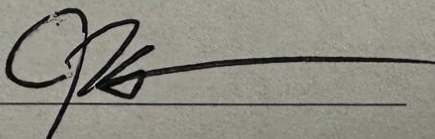
4/30/2021

Ignition Leads Install, Coolant Hose Heat Shield

Replaced 8ea ignition primary connectors and installed heat shielding to segments of the coolant radiator left hose, as necessary, in accordance with Rotax 915iS MML Rev.1 and acceptable methods per AC43.13.

Performed ground run and completed maintenance flight on 30 April 2021 with no discrepancies noted. Aircraft is Safe for Flight and Returned to Service.

Justin Ko A&P 4264135



SERVICE

Technician or Repair Facility. (See back pages for other speci


N328EM Sling TSI Serial Number 16
Rotax Engine 915iS Serial Number 913
HOBBS: 419.2
Engine Tach: 378.8
8/18/2021

50 hour Engine

I certify that this aircraft has been inspected on 18 August 2021. 50 hour engine inspection in accordance with Rotax 915iS MML was found to be in an airworthy condition and returned to service. Serviced engine with 3L of Aeroshell Sport Plus 4 Oil, new Rotax filter P/N 825-016, crush gasket P/N 250-010. Inspected magneto plug and filter, no defects noted. Performed ground run and checked for leaks, no defects noted at this time.

Justin Ko A&P 4264135



NG	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 the Technician or Repair Facility. (See back pages for other specific instructions)
			<div style="text-align: right;">  Precise Pitot Static </div> <div style="display: flex; justify-content: space-between; margin-top: 20px;"> <div> N# <u>328EM</u> ACTT <u>428.9</u> </div> <div> Serial # <u>1635</u> WO # <u>1144</u> </div> </div> <p>The static pressure system was inspected and tested, and the altimeter instrument was calibrated to an altitude of <u>20</u> thousand feet in compliance with FAR 91.411 and FAR 43 Appendix E. The ATC transponder was tested and inspected in compliance with FAR 91.413 and FAR 43 Appendix F. Automatic altitude reporting equipment was tested and calibrated in compliance with FAR 91.411. All work was performed IAW current FAA regulations and is approved for return to service. Pertinent details of this repair or inspection are on file at this repair station under the order indicated above.</p> <div style="display: flex; justify-content: space-between; margin-top: 20px;"> <div>Signature: <u>Richard Kennen</u></div> <div>Date: <u>8-31</u></div> </div> <div style="text-align: center; margin-top: 10px;"> <small>Repair Station number 1UFR670C 7393 River Glen Dr. Riverside, CA 92509, (310)430-1941</small> </div>

20
DATE

TIME IN
SERVICE

Chronological Listing and Method of Compliance

N328EM Sling TSI

S/N: 163S

Safety Alert and Notification List

SA 0011: Previously complied with, installed re-worked fuel pump assembly.
N 0005: Loss of Mode C has not been experienced as of 07th March 2023.
N 0008: Complied with 07th March 2023. Installed M3X10mm screws wet with Loctite 243.
N 0009: Not applicable at this time, aircraft equipped with elevator center balance weights.
N 0011: Does not apply, aircraft S/N outside of affected range.

David Torres A&P 3375428



N328EM Sling TSI

S/N: 163S

Service Bulletin List

SB 0002: Does not apply, aircraft equipped with ballistic parachute
SB 0014: Inspected 07th March 2023, no fretting observed at this time.
SB 0015: Does not apply, aircraft S/N outside of affected range.
SB 0016: Does not apply, aircraft is experimental amateur built.
SB 0017: Inspected 07th March 2023, confirmed stainless steel rivets installed on control stop plates.
SB 0018: Inspected 07th March 2023, all oval sleeves swaged correctly during manufacturing.
SB 0019: Inspected 07th March 2023, lubricated throttle cable.
SB 0020: Inspected 07th March 2023, all eyebolts found to be of correct type.
SB 0021: Does not apply, aircraft S/N outside of affected range.

David Torres A&P 3375428



YEAR
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Description of Inspections, Tests, Repairs and

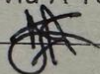
Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other entries)

N328EM Sling TSI Serial Number 163s
Rotax 915iS Serial Number 9132230
Propeller: Airmaster AP430CTF-WWR72B
HOBBS:617.2 Engine Tach:574.1
10/08/2022

200 Hour Engine

I certify that this engine has been inspected on 08 OCT 2022 in accordance with Rotax 915iS MML, 200 Hour checklists and acceptable methods per AC43.13 and was found in airworthy condition and returned to service. Serviced with 3L of Aeroshell Sport Plus 4 Oil, New Rotax oil filter 825016, Crush gasket 250-010. Replaced 8ea spark plugs Rotax 297656. Compression check @80psi: 78, 78, 78, 78, respectively. Inspected magnetic plug and filter, no defects noted. Replaced main fuel filter with Bosch F5021. Performed run up and leak check, no discrepancies noted at this time.

David A Torres 3375428 A&P



N328EM Sling TSI Serial Number
Rotax 915iS Serial Number 9132230
Propeller: Airmaster AP430CTF-WWR72B
HOBBS:617.2 Engine Tach:574.1
10/08/2022

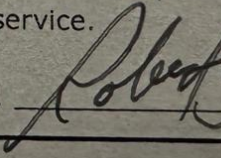
100 Hour Airframe

I certify that this aircraft has been inspected on 08 OCT 2022 in accordance with TAF Sling TSi AMM, Rotax 915iS MML, 100 Hour checklists and acceptable methods per AC43.13 and was found in airworthy condition and returned to service.

C/W Sb #0001: using visual methods per instructions determined that there are no cracks on the landing gear assembly. Next due each preflight. Performed run up and leak check, no discrepancies noted at this time.

David A Torres 3375428 A&P



DING	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspection, Test, etc. Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries)
			<div data-bbox="852 779 1514 981"> <p> N328EM Sling TSi Serial Number Engine: Rotax 915iS A Serial Number 91 Propeller: Airmaster AP430CTF-WWR72B HOBBS: 503.1 TACH: 462.1 03/01/2022 </p> </div> <div data-bbox="1074 981 1404 1014"> <p><u>100 Hour Inspection</u></p> </div> <div data-bbox="852 1014 1514 1653"> <p> I certify that this engine has been inspected on 0 March 2021 in accordance with Sling TSi AMM, R Line Maintenance Manual and 100-hour checklist Serviced with 3L of Aeroshell Sport Plus 4 Oil, Ne oil filter 825-016, crush gasket 250-010. Replace Rotax spark plugs P/N 297-656. Inspected magn and oil filter. Found lead deposits in oil sump. Re and cleaned oil sump assembly. Performed oil pu Replaced fuel filter with new unit, GUD P/N E-16 Replaced air filter with new unit, K&N air filter P/ 4570. Inspected and cleaned gascolator. Replace gascolator sump valve, Andair P/N DV125. Perfo differential compression test: #1: 78/80, #2: #7 #3: 78/80, 4: 79/80. Performed ground run and check. Performed oil flush, drained and re-filled c with 3L of Aeroshell Sport Plus 4. Installed new f filter and crush washer. Performed ELT Test, nex June 2022. Aircraft returned to service. </p> </div> <div data-bbox="852 1686 1292 1731"> <p>Roberto Lopez A&P 3570191</p> </div> <div data-bbox="1289 1619 1514 1776">  </div>

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 instructions.)
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Reg.: N328EM S/N: 1638
Total Time: 549.1 05/12/2022

Complied with Rotax **Service Bulletin SB-912 i-013**
/ SB-915 i-012. Replaced main fuel pump serial#
20.3087 with serial# 21.4012 and aux. Fuel pump
serial# 20.3079 with serial# 21.3989 as per SI-PAC-
016.

Aaron Burton
A&P - 3860213
RFSC - 41001210309

Aaron Burton

N328EM Sling TSi Serial Number
Engine: Rotax 915iS A Serial Number: 9
Propeller: Airmaster AP430CTF-WWR72B
HOBBS: 583.0 TACH: 541.2 08/

Fuel Pump Switches

Removed and replaced main fuel pump switch
and aux fuel pump switch with new units,
MS35058-22. Replaced fuel pump connect
switches with AMP crimp on ring terminal
Performed operational check, no defects
this time. All work performed in accordance
acceptable methods per AC43.13.

Roberto Lopez A&P 3570191

Roberto Lopez

YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other information)
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N328EM Sling TSi Serial Number 163S
 Engine: Rotax 915iS A Serial Number 9132230
 Propeller: Airmaster AP430CTF-WWR72B
 HOBBS: 513.2 TACH: 472.1
 03/15/2022

Tail Strike Inspection

Pilot reported having a tail strike while landing. Inspected tail structure and rudder horn for damage. Replaced aft rudder cable hardware. Replaced two 3.2 by 8 mm domed rivets on aft rudder horn. Straightened tail tie down eyelet. All work performed in accordance with TAF Sling TSi AMM and acceptable methods per AC43.13. Aircraft is safe to fly and returned to service.

Roberto Lopez A&P 3570191

Roberto Lopez

N328EM Sling TSi Serial Number
 Engine: Rotax 915iS A Serial Number:
 Propeller: Airmaster AP430CTF-WWR72B
 HOBBS: 549.1 TACH: 507.6 06

50 Hour Oil Change

I certify that this aircraft has been inspected on 03rd June 2022 in accordance with TAF Sling TSi maintenance manual, Rotax 915iS MML, and acceptable methods per AC43.13 and was found in airworthy condition and returned to service. Serviced with 3L of A Sport Plus 4 Oil, New Rotax oil filter 825-010. Crush gasket 250-010. Inspected filter and magnetic plug, no defects noted. Performed up and leak check, no discrepancies noted.

David Torres A&P 33758428

David Torres

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and / Entries must be endorsed with Name, Rating and Certificate Technician or Repair Facility. (See back pages for other spe
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Reg.: N328EM S/N: 1638
Total Time: 583.6 06/14/2022

Complied with Rotax Service Bulletin SB-912 i-013 / SB-915 i-012. Replaced Main Fuel Pump Serial# 19.5492 with serial# 21.3769 and aux. fuel pump serial# 19.5532 with serial# 21.3774. as per SI-PAC-016

Aaron Burton
A&P - 3860213
RFSC# 440001231001-4224

Aaron Burton

N328EM Sling TSi Serial Number: 1
Engine: Rotax 915iS A Serial Number: 9132
Propeller: Airmaster AP430CTF-WWR72B
HOBBS: 583.6 TACH: 541.7 08/25/2

Fuel Pump Replacement

Removed and replaced fuel pump assembly S/N 20.1180 and fuel pump S/N's 21.4012 and 21.3989 with reworked unit, assembly S/N 19.5044 and fuel pump S/N's 21.3769 and 21.3774, due to low fuel pressure. All work performed in accordance with Rotax 915 Series IM, TAF Sling TSi AMM and acceptable methods per AC43.13.

Roberto Lopez A&P 3570191

Roberto Lopez

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 specifications)
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N328EM Sling TSi S/N: 1635
 Engine: Rotax 915iS A S/N: 9132230
 Propeller: Airmaster AP430CTF-WWR72B
 HOBBS: 644.7 TACH: 601.3 12/19/2022

600hr Gearbox Inspection

Performed 600-hour gearbox inspection in accordance with Rotax 915i A/C24 Series MML Ed. 0 Rev. 2, Rotax 915i A/C24 MMH Ed. 0 Rev. 2, and Whirlwind AP4 Series Operator's Manual. Serviced gearbox with the following new Rotax parts: oil seal P/N 950091, ball bearing P/N 832060, retaining ring P/N 845120, retaining ring P/N 245935, o-ring P/N 230915, sealing ring P/N 250640, disk spring P/N 938092, intermediate shaft P/N 837231, torsion shaft P/N 837201 S/N 21.0511, propeller shaft P/N 837221 S/N 21.0104 and gearbox housing P/N 911986 S/N 21.0401. Installed propeller with new o-ring P/N P0327 and QTY 6 new mounting bolts P/N AN5-36A. Replaced QTY 3 carbon brushes P/N P0265 in brush block. Performed Garmin Software Update to GDU460 V9.13 and G5 V8.17. Performed ground run and leak check, no discrepancies noted at this time.

Dylan Cerven IRMT #3881

Roberto Lopez A&P 3570191

N328EM Sling TSi S/N: 1
 Engine: Rotax 915iS A S/N: 9132
 Propeller: Airmaster AP430CTF-WWR72B
 HOBBS: 676.9 TACH: 633.3 01/25/2

50-Hour Engine Inspection

I certify that this aircraft has been inspected the 25th of January 2023 in accordance with the N328EM Sling TSi Maintenance Manual Rev. 1.1, Rotax 915i A Series MML Rev. 2, 50 Hour checklists and acceptable methods per AC43.13 and was found in airworthy condition and returned to service. Serviced with 3L of Aeroshell Sport 100 4 Oil, New Rotax oil filter 825-016, Crush gear oil 250-010. Inspected filter and magnetic plug, no defects noted. Performed run up and leak check, no discrepancies noted at this time. Performed Garmin software update to GDU460 V9.14 and G5 V8.17 in accordance with Garmin G3X TC Installation Manual Rev. AM.

Roberto Lopez A&P 3570191

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 instructions)
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N328EM Sling TSi S/N: 163S
 Engine: Rotax 915iS A S/N: 9132230
 Propeller: Airmaster AP430CTF-WWR72B
 HOBBS: 718.0 TACH: 674.1 03/07/2023

100 HR Engine

I certify that this engine has been inspected on 07th March 2023 in accordance with Rotax 915i Series MML Ed. 0 Rev. 2, 100 Hour checklists, and acceptable methods per AC43.13 and was found in airworthy condition and returned to service. Serviced with 3L of Aeroshell Sport Plus 4 Oil, new Rotax oil filter 825016, crush gasket 250-010. Replaced 8ea spark plugs Rotax 297656. Performed compression check as follows: #1: 78/80, #2: 72/80, #3: 78/80, #4: 78/80. Inspected magnetic plug and filter, no defects noted. Performed gascolator cleaning. Run up and leak check complete, no discrepancies noted at this time. Engine is safe for flight and returned to service.

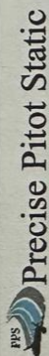
David Torres A&P 3375428

N328EM Sling TSi S/N: 163S
 Engine: Rotax 915iS A S/N: 9132230
 Propeller: Airmaster AP430CTF-WWR72B
 HOBBS: 718.0 TACH: 674.1 03/07/2023

100 Hour Airframe

I certify that this aircraft has been inspected on 07th March 2023 in accordance with TAF Sling TSi AMM, Rotax 915i Series MML Ed. 0 Rev. 2, Airmaster AP4 Series O Manual, 100 Hour checklists and acceptable methods per AC43.13. Replaced LH and RH main tires with new AirTrac P/N AA1F4. C/W SB#0014: No fretting of or center section rivets observed at this time. C/W SB#0017: Confirmed elevator control stop plates with stainless steel rivets. C/W SB#0018: All rod end sleeves found to be properly swaged. C/W SB#0020: All elevator cables found to be of correct type. C/W N#0008: Installed elevator servo mounting screws with Loctite 243. Performed 100 Hour Propeller Inspection. Torqued propeller blades. Inspected blades and propeller hub for defects or damage. No discrepancies noted at this time. Ground run and operational check complete. Propeller is safe for flight and returned to service. Aircraft is in an airworthy condition and returned to service.

David Torres A&P 3375428



Precise Pitot Static

N # 328EM

ACTT 741.7

Serial # 1635

WO # 1820

The static pressure system was inspected and tested, and the altimeter instrument was calibrated to an altitude of 20 thousand feet in compliance with FAR 91.411 and FAR 43 Appendix E. The ATC transponder was tested and inspected in compliance with FAR 91.413 and FAR 43 Appendix F. Automatic altitude reporting equipment was tested and calibrated in compliance with FAR 91.411. All work was performed IAW current FAA regulations and is approved for return to service. Pertinent details of this repair or inspection are on file at this repair station under the work order indicated above.

Signature: Richard Kanning Date: 4-6-23

Repair Station number 1UFR670C 7393 River Glen Dr. Riverside, CA 92509, (310)430-1941

YEAR
20
DATE

RECORDING
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TODAY'S
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TOTAL
TIME IN
SERVICE

Description of Inspections, Tests, Repairs and
Entries must be endorsed with Name, Rating and Certificate
Technician or Repair Facility. (See back pages for other spe

N328EM Sling TSI
Engine: Rotax 915iS A
Propeller: Airmaster AP430CTF-WWR72B
HOBBS: 749.7 TACH: 705.4
Serial Number: 163S
Serial Number: 9132230
Date: 04/18/2023

Propeller Pitch Change Motor Replacement

Pilot reported propeller pitch unresponsive. Upon inspection, determined the propeller pitch change motor to be defective. Removed faulty propeller pitch change motor P/N A0455-231 and QTY 3 microswitches. Installed new Faulhaber pitch change motor S/N 059 provided by Airmaster. Installed QTY 3 high power microswitches P/N A0480H. Updated AC200 parameter file, provided by Airmaster. See attached data sheet for new parameter values. Disassembled and cleaned propeller blades and propeller hub. Re-greased with Mobile Grease 28 and re-assembled propeller blades onto propeller hub with QTY 3 new o-rings P/N P0414. Performed ground run and operational check, no defects noted at this time. All work performed in TAF Sling TSi AMM Rev. 1.1, Airmaster AP3, 4 and 5 Series Operator's Manual, Airmaster Supplementary Instructions SI-006 and SI-0018, and acceptable methods per AC43.13.

Roberto Lopez A&P 3570191

Roberto Lopez

Entries must be endorsed with Name, Rating and Certificate Number of the Technician or Repair Facility. (See back pages for other specifications.)

1 of 2

2 of 2

YEAR
20____
DATE

RECORDING
TACH
TIME

TODAY'S
FLIGHT


TOTAL
TIME IN
SERVICE

Description of Inspections, Tests, Repairs and
Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other

N328EM Sling TSi S/N: 163S
Engine: Rotax 915iS A S/N: 9132230
Propeller: Airmaster AP430CTF-WWR72B
HOBBS: 820.4 TACH: 775.4 08/10/2023

100 Hour Airframe Inspection

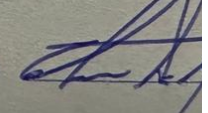
I certify that this aircraft has been inspected on 10th August 2023 in accordance with TAF Sling TSi AMM Rev. 1.1, Rotax 915i Series MML Ed. 0 Rev. 2, **100-hour checklists** and acceptable methods per AC43.13. C/W SB#0014: No fretting of wing spar or center section rivets observed at this time. Performed 100 Hour Propeller Inspection. Torqued propeller blades and inspected blades and propeller hub for defects or damage. No discrepancies noted at this time. Ground run and operational check complete. Propeller is safe for flight and returned to service. Aircraft is in an airworthy condition and returned to service.

Edwin Gamez A&P 4425024 

N328EM Sling TSi S/N: 163S
Engine: Rotax 915iS A S/N: 9132230
Propeller: Airmaster AP430CTF-WWR72B
HOBBS: 820.4 TACH: 775.4 08/10/2023

100 Hour Engine Inspection

I certify that this engine has been inspected on 10th August 2023 in accordance with Rotax 915i Series MML Ed. 0 Rev. 2, **100-hour checklists** and acceptable methods per AC43.13. Serviced with 4 Qts. of Aeroshell Sport Plus 4 Oil, new Rotax oil filter 825016. Cleaned 8ea spark plugs Rotax 2901. Performed compression check as follows: #1: 78/80, #2: 70/80, #3: 76/80, #4: 78/80. Inspected magnetic plug and filter, no defects noted. Run up and leak check complete, no discrepancies noted at this time. Engine is in an airworthy condition and returned to service.

Edwin Gamez A&P 4425024 

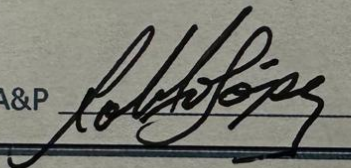
YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs Entries must be endorsed with Name, Rating, Signature of Technician or Repair Facility. (See back page)

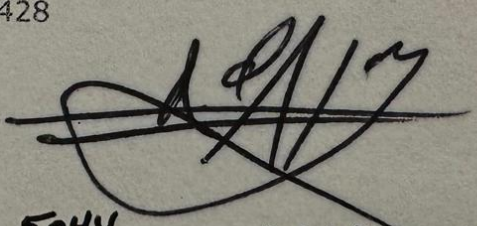
N328EM Sling TSi Serial Number: 163S
 Engine: Rotax 915iS A Serial Number: 9132230
 Propeller: Airmaster AP430CTF-WWR72B
 HOBBS: 854.1 TACH: 808.7 11/02/2023

Rough Running

Pilot reported engine roughness on takeoff. Pilot reduced and then re-applied throttle. When re-applying throttle, engine power did not increase. Upon inspection, aircraft exhibited symptoms referenced in SB#0024. Downloaded ECU fault logs using B.U.D.S. V4.0.0. Performed ground run and run-up, no defects noted. Verified completion of SB#0024. Aircraft is safe to fly and returned to service. All work performed in accordance with TAF Sling TSi AMM Rev.1.2 and Rotax 915i A/C24 Series MML Ed.0/Rev.2.

Roberto Lopez 3570191 A&P



FLIGHT	TIME IN SERVICE	Entries must be endorsed with Name, Rating and Certificate Number Technician or Repair Facility. (See back pages for other specific
		<div><div><div>N328EM ROTAX Engine</div><div>Sling 4 TSI 915 IS</div><div>Serial Number 163s Serial Number 9132230</div></div><div><p>Complied with Replacement of Fuel Pump Assy. For ROTAX Aircraft Engine Type 915 I A and 912 I Series Alert Service Bulletin-ASB-915 I A-008/ASB-912 I-011 No Leaks and Operation Check of Fuel Pumps with No Defects Noted at this time.</p><p>Installed RH Flap Assy As Required Per The Aircraft Factory Maintenance Manual Operational check good No Defects noted at this time.</p><p>David A Torres AP 3375428</p><div></div><div>SN: Installed 19.5044</div><div>SN: Removed 18.064</div></div></div>

