

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.)

Initial Condition Inspection

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

Owner's Signature: Tom Ischewitz

, owner Date: 6-4-18

FAA Airworthiness Inspection

THIS AIRCRAFT COMPLIES WITH ALL APPLICABLE
FAR 21.191 (G) REQUIREMENTS FOR

Operating Instructions, Built Aircraft

AND IS ELIGIBLE FOR THE ISSUANCE OF THIS

Special Experimental Airworthiness

CERTIFICATE

TOTAL TIME 0.0 Hr. DATE 06/04/2018

SIGNED: Lonnie A. Phillips

LONNIE A. PHILLIPS DART 710614 CE

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DATE	RECORDING TACH/ HOUR METER TIME	TOTAL TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED
6/4/18	0	0	Performed Condition I Insp. Per Appendix D By Builder Tom C. Zahradky Builder
6/4/2018	0	0	THIS AIRCRAFT COMPLIES WITH ALL APPLICABLE FAR 21.191 (5) REQUIREMENTS FOR Operating Amateur-Built Aircraft AND IS ELIGIBLE FOR THE ISSUANCE OF THIS Special Experimental Aircraft Certificate CERTIFICATE TOTAL TIME 0.0 hr. DATE 06/04/2018 SIGNED: <u>Lonnie A. Phillips</u> LONNIE A. PHILLIPS DART 710814 CE

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Flight Testing Completion Endorsement Example

The following is an example showing the endorsement statement used to document completion of phase 1 flight testing in accordance with experimental amateur-built aircraft operating limitations assigned by the FAA at the time of airworthiness certificate issuance.

I certify that the prescribed flight test hours have been completed and the aircraft is controllable throughout its normal range of speeds and throughout all maneuvers to be executed, has no hazardous characteristics or design features, and is safe for operation. The following aircraft operating data has been demonstrated during the flight testing: speeds Vso 36, Vx 50, and Vy 60, and the weight 918, and CG location 17.3 at which they were obtained.

Name: Tom C. Tschantz

Signature: Tom C. Tschantz

Certificate No: 3657381

Type of Certificate: Private Pilot

Date: 8-11-19

Aircraft Time in Service: 45.8

DATE	RECORDING TACH/ HOUR METER TIME	TOTAL TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED
8-18-18	27	27	Changed Oil & Filter
6/22/19	49.6		I certify this aircraft has been Inspected 1/4 hr. A condition Inspected & End. safe for operation By <u>Joe</u> AD 226126 JAV

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Duncan Aviation Inc.

701 NW Lou Holland Dr.

Kansas City, MO 64116

CRS# JQ02194F

Phone (816) 421-1835 Fax (816) 421-1877

TACH: 71.7

REG #: N835NT

TYPE: HOMEBUILT HIGHLANDER

S/N: JA 326-11-13

Fabricated 10 gauge ground strap between the antenna ground plane and the aircraft frame using best practices and referencing AC 43.13-2B Chapter 3, Antenna Installation.

The above described repair or maintenance is safe for flight.

A detailed record is on file under Work Order # 6272A.

Signed

Roderick A Snyder

DISCERN
Q11124

Roderick A Snyder

Date: 9/24/2019

For Duncan Aviation CRS# JQ02194F

Date	Tach Time	Description of Work	Performed by	Signature
Oct 24, 2019		101.5 - Removed airspeed indicator, added GS, leveled & calibrated GS - Added VGs to leading edge of wing & underside of elevators - Oil change & 100 hour engine inspection - Replaced air & fuel filters	Mark Kahn	<i>Mark Kahn</i>

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- Removed all floor panels, removed paint from front and rearmost panels, laser cut new front rear panel from .040" 6061 aluminum, cut back panel in half for access, painted all panels with black kivi-grip
- Cut and mounted lexan triangles for both sides of plane to prevent accidental exposure to fabric
- Mounted 5 gallon header tank in rear luggage compartment. Ran fuel lines from wing tanks to header tank, vent line back to right wing tank, fuel sump to behind baggage compartment, added sight tube
- Replaced butt ribs, cut butt ribs for weight & sight tube access
- Cut fabric on the left and right sides of cockpit area near rudder pedals ("front quarter panel" area), wrapped fabric around tubes, painted fabric, laser cut panels for this area, riveted lexan to panels, and riveted panels to sides of plane
- Added a proper fuel return line, cut hole through firewall for a dual-sided barb connector
- Added 3 fuel shut-off valves: one for each tank to header tank, one from header tank
- Removed & re-attached VGs from leading edge of wing
- Removed grips, replaced with g4071 grips, removed panel mounted trim control, added ray allen trim relay, wired grips to trim relay & trim indicator
- Widened the 2nd slot of the flap lever as it was slipping, widened wire holes in turtle deck as cables were rubbing
- Removed turtle deck, replaced rivets with bolts
- Relocated comm antenna to turtle deck, added transponder antenna where comm antenna was (under PIC seat)
- Springs on exhaust starting to rust, added safety wires inside springs
- Added 4 new vents, 1 to each door and 1 to rear side lexan panels
- Replaced right-side door lift strut
- Replaced windshield

Mark Kahn



YEAR
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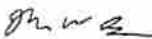


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Date	Tach Time	Description of Work	Performed by	Signature
Mar 16, 2020		134 - Replaced battery - Cut and installed new battery shelf - Replaced 6 of 8 spark plugs - Replaced main fuel line in engine due to cracking	Mark Kahn	
Apr 3, 2020		151 - Cleaned & oiled air filter	Mark Kahn	
May 12, 2020		202 Complied with SB-912-073ul, Replacement of circlip (carburetor)	Morris W. Smith.	
May 12, 2020		202 Replaced fuel pump with part #893115, SN 19.3576, all work done as per Rotax heavy maintenance manual, part #899603. No leaks found, return to service	A&P I/A 3844905	
May 18, 2020		207 - 200hr inspection - Oil change - Replace spark plugs - Flush and replace coolant - Replaced radiator cap - Cleaned & oiled air filter - Replaced fuel filter - Pressure check	Mark Kahn	
Jul 22, 2020		259 - Oil change - Cleaned & oiled air filter - Replaced one fuel line in engine	Mark Kahn	

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ITEM	CONDITION-CORRECTION
1	Wooden plugs at outboard end of spars are rotted - Fabricate, Varnish and installed new plugs
2	Change out short bolts in aileron and flap hinges and installed castle nuts and cotter pins
3	Elevator needs bushing - Fabricated and installed bushing
4	Electric trim not working - Attached wires at tail - Found broken wire in cockpit
5	Installed bracket on tail spring
6	Adjusted tail flying wires
7	Tip fences are cracked and broken - Repaired cracks in both tip fences and installed
8	Bushings missing out of left aileron hinges - Fabricated and installed new bushings
9	Pilot stick grip is loose - Glued lower portion of grip
10	Patched and painted tear in left elevator
11	Reinstalled wingtip lights

9-30-30 N 325 NT TACH 177.0

I certify that this aircraft has been
inspected IAW FAR 43 Appendix D and
was determined to be in a condition for
safe operation

George F. Taylor
IA 223418004

9/1/30
George F. Taylor

YEAR
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Date	Tach Time	Description of Work	Performed by	Signature
Oct 10, 2020		301 - 100hr inspection - Oil change - Replace spark plugs - Replaced fuel pressure sensor - Replaced wing tip fences, replaced decals - Added 12" tail numbers to fuselage - Recut and attached antenna end connected to the GPS as ads-b was occasionally reporting no GPS signal - Replaced air filter - Replaced fuel filter	Mark Kahn	
Feb 10, 2021		318 Fuel shutoff valve was leaking, replaced fuel shutoff valve under seat along with fuel hose between pump and header tank. Moved the valve forward to where it is now more accessible and visible		
Mar 25, 2021		352 - Replaced windshield (twice...) - Installed new 27" tires - Replaced two springs on muffler. One had broken, one was rusted - Replaced both springs on choke - Oil change - Cleaned & oiled air filter - Replaced clear sight tubes - Replaced fuel shutoff valve under seat along with fuel hose between pump and header tank. Moved the valve forward to where it is now more accessible and visible	Mark Kahn	
Jun 5, 2021		360 - Replaced both air filters - Rebuilt both carbs, replaced both gaskets and all o-rings - Replaced all spark plugs	Mark Kahn	

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BRUNGARD AVIATION LLC

3323 Airport Rd. Boulder, CO 80391 (303) 440-4791

Date: 5/14/2021

Reg: N835NT

AF Hours: 355.0

Tach: N/A


Make: Just Aircraft

Model: Highlander

Serial: JA 336-11-13

- 1) Adjusted the aircraft idle speed to 2000 rpm per the Rotax 912 Series Maintenance Manual.

I certify that this aircraft is returned to service only for the work performed.


Steven Schurr A&P IA 2784185

Transponder Certification

The transponder test required by 14 CFR 91.413 have been performed. The transponder(s) meet the requirements of Part 43 appendix F.

N835NT

Inspector / Repairman

AIRTRONICS FAA CRS# TH3R867L

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A/C HIGHLANDER N 835NT Tac 367.0
 Hobbs
 Transponder Make/Model TRIGG T722 S.N. 093F6
 in this A/C, has been inspected IAW Title 14 CFR 91.413 and found to
 comply with the specifications of Title 14 CFR 43 App. F. Details on
 file under MTSWO 30307RD CRS 3MTM18B
 Das Jacquot-inspector Dan Jacquot Date 3/07/2023
 Mustang Transponder Services, LLC 3429 Country Hgts Dr. CO Spgs,
 CO 80917

05-01-2023

N835NT

Highlander 344 JA 326-11-13

Rotax 912ULS 2-01 S/N 9569327

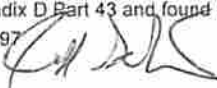
Tach: 367.0

erations

umber of
ic entries.)

Performed condition inspection in accordance with yearly inspection report and the scope and detail of Appendix D Part 43. Installed Tundra Lite 1.5 inch Flat Spring Lockable 10 inch Tailwheel and Actuator Assembly. Resealed master brake cylinders with rebuild kit P/N MCRBD4 and MCRBD5. Replaced brake caliper o-rings P/N MS28775-218. Replaced brake linings. Replaced all brake lines from master cylinder to wheels cylinders. Replaced brake shoe P/N WHLSBSE5. Bled brakes. Replaced all airframe fuel lines and clamps. Repacked wheel bearings. Replaced rudder and elevator clevis pins P/N MS20392-2C79. Replaced both rudder control cable P/N 05-03900 and poly flo tubing. Inspected and tested ELT batteries in accordance with FAR91-207(d). Next battery replacement due March-2025. Ops checked good. Fabricated mounting bracket for Garmin pitch and roll servo. Installed mounting kit and pulley P/N MS20219-4. Replaced corroded hardware where needed. Replaced Lexan on both doors. Changed oil and filter Installed Zipper 1484CC cylinder kit. Installed Zipper 1 inch crossover and Zipper pressure oiler. Gear box serviced. Rebuild both carbs. Ground run and leak, check normal. I certify this aircraft has been inspected in accordance with the scope and detail of Appendix D Part 43 and found to be in a condition for safe operation.

Jeff Schelgen A&P 3234397



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Reg: N835NT Date: June 18, 2023 Tach: 375

Make: TSCHANTZ TOM C Model: Highlander SN: JA 326-11-13

- Changed oil (3.3 Qts Aeroshell Sport Plus 4) and filter (825014). Ground ran/leak tested.


 Marcus Tooze Owner

Jetstream Composites Inc.

37801 East 51st Ave Hangar 2W Watkins, Co 80137 720.371.3013

N835NT Highlander Hobbs: 382.8 Date: May 13, 2024

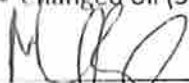
Performed airframe annual condition inspection in accordance with the scope and detail of Appendix D part 43. Moved GPS antenna forward. Made new overhead aluminum panel. Make back hatch removable. Adjusted main gear suspension. Removed and replaced engine coolant reservoir. Extended rudder pedals. Removed and replaced fuel sump. Compressions 1) 175 2) 180 3) 185 5) 180. I certify that this aircraft has been inspected in accordance with the scope and detail of Appendix D part 43 and found to be in a condition for safe operation on this date.


 Erik Woods A&P 2748375

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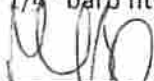
Reg: N835NT Date: October 18, 2024 Tach: 404
 Make: TSCHANTZ TOM C Model: Highlander SN: JA 326-11-13

- Changed oil (3 Qts Aeroshell Sport Plus 4) and filter (825014). Ground ran/leak tested.


 Marcus Tooze - Owner

Reg: N835NT Date: November 17, 2024 Tach: 405
 Make: TSCHANTZ TOM C Model: Highlander SN: JA 326-11-13

- Found leak on fuel return line on top of engine. Found fuel line to be cracked and oversized (5/16" Replaced oversized fuel line with 3/4" line. Replaced 5/16"-5/16" bulkhead barb fitting with 5/16"-1/4" barb fitting. Ground ran, leaked tested OK.


 Marcus Tooze - Owner

