


AIRCRAFT DESCRIPTION

MANUFACTURER <u>ROCKWELL INTERNATIONAL</u>		MODEL <u>S2R</u>	DATE OF MFG. <u>7-77</u>
SERIAL NUMBER <u>5098R</u>		REGISTRATION NUMBER <u>N5610X</u>	
REGISTERED OWNER _____		Inspection Status [Check one] <input type="checkbox"/> F.A.R. 91.169 ANNUAL/100 HOUR <input type="checkbox"/> F.A.R. 91.71 PROGRESSIVE <input type="checkbox"/> F.A.R. 91.217 SUBPART D <input type="checkbox"/> F.A.R. 135.60 A.T.C.O. <input checked="" type="checkbox"/> OTHER <u>FAR 21.195(a)</u>	
STREET ADDRESS _____			
CITY, STATE, ZIP _____			
OPERATOR _____			
STREET ADDRESS _____			
CITY, STATE, ZIP _____			
REGISTERED OWNER _____			
STREET ADDRESS _____			
CITY, STATE, ZIP _____			
OPERATOR _____			
STREET ADDRESS _____		DATE ENTERED <u>7-21-77</u>	
CITY, STATE, ZIP _____		MAINTENANCE RESPONSIBILITY	
_____		_____	
_____		_____	
_____		_____	
_____		_____	

DATE	RECORDING TACH TIME	TODAYS 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.)
19 2009				
10-2-09				INSPECTED FOR ANNUAL INSPECTION
HOBBS	2038.0		10305.0	IN ACCORDANCE WITH PAR 43 APPENDIX "D" AND 5-2R MAINTENANCE MANUAL
				[AD 06-07.15] - SPUR CAP/EDDY CURRENT
				INSP. DOE 10608.1 TI. [AD 80-04-06]
				FRONT SPAR HOR. STABILIZER DOE 2148-
				HOBBS. LUBED ALL AIR FRAME CONTROLS
				WHEELS/ BRAKES SERVICED - OWNER SUPERVISED
				I certify that this aircraft/engine prop
				has been inspected in accordance with
				the <u>Annual</u> inspection
				and has been determined to be in air-
				worthy condition.
				Signature: 

DATE	RECORDING TACH TIME	TODAYS 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.)
19				
6-4-2010	2038.0			REPLACED DAMAGED WING TIPS & RUDDER ASSEMBLY WITH SERVICEABLE PARTS PROVIDED BY OWNER. [REDACTED]
7-20-10	2126.8			REPLACED LORD ENGINE MOUNTS ON RT & LFT POSITIONS J11523-107 [REDACTED]

MIDCONTINENT 
Aircraft Corporation

1601 Hwy 84 East
Hayti, MO. 63851
Repair Station No. DFQR172D

MAKE AYRES	MODEL S2R	SERIAL NUMBER 5098R	REGISTRATION N5610X
TOTAL TIME 10396.0	TACH TIME 2129.0	TIME SINCE O/H N/A	

COMPLETED ANNUAL INSPECTION IN ACCORDANCE WITH AYRES TURBO THRUSH AIRPLANE MAINTENANCE MANUAL INSPECTION CHECKLIST. REMOVED ALL FUSELAGE PANELS FOR MAINTENANCE AND REPAIRS ON AIRCRAFT. REMOVED LEADING EDGE SKINS BOTH WINGS AND INSTALLED NEW FACTORY SKINS. REINSTALLED MICRO AERODYNAMICS VORTEX GENERATORS ON LEADING EDGES IN ACCORDANCE WITH SUPPLIED INSTALLATION MANUAL MA2046 REV.A AND SUPPLIED TEMPLATE. REMOVED AND REINSTALLED FLAP BAY TOP SKINS FOR ACCESS TO INBD. SKINS. REMOVED

Continued

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
19 _____				Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

CONTINUED PREVIOUS PAGE

TOP AND BOTTOM INBD. WING SKINS, MANUFACTURED AND INSTALLED NEW SKINS PER AYRES DRAWING CK-20209-96B. INSTALLED NEW FACTORY WING LEADING EDGE RIBS AT #5,6 AND 7 LOCATION AND MANUFACTURED REPAIR BRACKETS AS REQUIRED.. REPAIRED CRACK IN L/H WING SPAR WEBBING IN ACCORDANCE WITH INSTRUCTIONS AND DRAWINGS CONTAINED IN THRUSH DRAWING 94419 AND GT 10-35 DATED 10-22-2010. INSTALLED NEW TOP AND LOWER SKINS ON L/H FLAP. RESEALED ALL FUEL BAYS AFTER SKIN REPLACEMENTS. REPAIRED NUMEROUS SMALL HOLES IN BOTTOM OF ELEVATORS BY RECOVERING CONTROLS USING POLY FIBER SYSTEM. PROCEDURE CONTAINED IN STC SA1008WE. INSTALLED NEW FACTORY COCKPIT, MIDDLE AND AFT BELLY SKINS. COMPLETED CLEANING AND ETCHING OF ALL REPLACED SKINS, PRIMED AND PAINTED USING DUPONT AIRCRAFT PAINT MATCHED TO AIRCRAFT. REINSTALLED ALL FLIGHT CONTROLS WITH NEW HARDWARE, CHECKED ALL BEARINGS AND COMPLETED RIGGING. COMPLETED INSTALLATION OF NEW LWR. TRUNNION ATTACH PLATE ASSY. REMOVED AIRSPEED INDICATOR P/N 1426-1Z-A1 S/N AF-42-94590 AND REINSTALLED AFTER OVERHAUL BY CRS OP2R065L. INSTALLED NEW TAIL WHEEL LOCK CABLE. COMPLETED INSTALLATION OF FLAGGER LATCH KIT. COMPLETED A.D. COMPLIANCE AND APPLICABILITY CHECK: NONE DUE AT THIS TIME. ALL WORK ACCOMPLISHED I.A.W. AYRES TURBO THRUSH MAINTENANCE MANUALS, AC 43.13-1B2B AND PRODUCT INSTALLATION GUIDES. FINAL INSPECTION PERFORMED OF ALL WORK ACCOMPLISHED. PERTINENT DETAILS OF ALL WORK ACCOMPLISHED ARE ON FILE AT THIS REPAIR STATION UNDER WORK ORDER AS INDICATED BELOW. AIRCRAFT APPROVED FOR RETURN TO SERVICE.

I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE
WITH AN ANNUAL INSPECTION AND WAS FOUND TO BE AIRWORTHY

W.O. 32770

1-3-2011

KEVIN JACKSON

(870) 886-8331

ARKANSAS TURBINE SERVICES INC.

N5610X

4/12/2102

4 FROLIC ROAD REGIONAL AIRPORT

S/N 5098R

Hr. meter 2274:1

WALNUT RIDGE, ARKANSAS 72476

Installed TPE331-1 engine P93013C on Ayers/ Thrush I/A/W current Honeywell 72-00-92 and Thrush M/M; set Flight Idle Blade angle @ 7.9 degrees, performed a ground run and leak check. Balanced propeller I/A/W Aces 20/20 instructions; (.02 IPS.) 12.7 grams @ 121 degree @ 45lbs. Torque pressure. This aircraft/engine is approved for return to service in regard to the work performed.

DAVID BLAKENEY



A&P

Performed a Check flight I/A/W aircraft flight manual; an NTS. Check and a Beta mode transition flight check. This aircraft performed a satisfactory check flight.

PILOT:

CERTIFICATE #

DATE: 4/12/2012

"Airframe Log"

Sierra Delta Aviation LLC

941 S Hwy 75

Luverne, Mn 56156 507-283-5041

Date	Make	Model	Tac	AFTT	Registration	Serial Number
3/12/2013	Ayres	S2R	2373.2	10640.2	5610X	5098R

CW Annual inspection, Removed previously installed Satloc system and flow control, and installed serviceable M3 system with intelliflow weight change negligible, all components mounted in previous locations. CW AD 93-01-03 FWD wing spar no defects noted at this time next due at annual. CW AD 78-25-08 by means of approved AMOC Took SOAP sample for analysis, next due @ 2473.2 tach. R&R tail tire. I certify this aircraft has been inspected IAW an annual inspection and was determined to be in an airworthy condition at this time.

W.O.#:

167

3/12/2013

Signed:

Ben Baum

AF

"Airframe Log"



941 S Hwy 75

Luverne, Mn 56156 507-283-5041

Date	Make	Model	Tac	AFTT	Registration	Serial Number
7/25/2013	Thrush	S2R	2508.5	10775.5	5610X	5098R

CW 100 hr servicing IAW Thrush MM R&R tach generator, Packed wheel bearings, R&R right brake linings, CW AD 78-25-08 by means of AMOC took SOAP sample for analysis. Checked tire pressures. I certify this aircraft is in an airworthy condition at this time.

W.O.#: 199

7/25/2013

Signed:

Ben Baum

"Airframe Log"



941 S Hwy 75

Luverne, Mn 56156 507-283-5041

Date	Make	Model	Tac	AFTT	Registration	Serial Number
6/3/2013	Thrush	S2R	2442	10709	5610X	5098R

CW 100hr servicing IAW Thrush S2R MM Checked tire pressures lubed rod ends, CW AD 78-25-08 by means of AMOC took SOAP sample for analysis. I certify this aircraft has been determined to be in an airworthy condition at this time.

W.O.#: 182

6/3/2013

Signed:

Ben Baum

AP

EDDY CURRENT INSPECTION

Date 6-3-12

Aircraft Model SAR

Serial # N56104

Total Time

Inspection Completed Snar Case

Lindley Johnson Level II

Inspection done as per Johnson Airspray Wing spar inspection procedure document # JAI-IP-WS, to use an eddy current inspection procedure for compliance with the inspection requirements of (AD) 2000-11-16. Reference as per approval letter dated Feb. 1, 2001, Atlanta Certification Office. Johnson Airspray Personnel