



EXPERIMENTAL

AIRCRAFT LOGBOOK

Aircraft Record General Information

Builder/Mfg: Jordan / Pitts Model: S2E
Serial: BJ-3 Registration Number: N30BJ
Date of Manufacture: _____

Engine(s) Installed:

Manufacturer: LYC Model: HIO360DIA Serial: L-19797-51A
Manufacturer: _____ Model: _____ Serial: _____

Propeller(s) Installed:

Manufacturer: Hartzell Model: HC-C2YK-4CF
Hub Model: D-6522-1 Serial: AU11980B Serial: _____
Blade Model: _____ Serial: _____ Serial: _____ Serial: _____
Blade Model: _____ Serial: _____ Serial: _____ Serial: _____

Date	Recording Tach/ Hour Meter Time	Total Time In Service	Description of work performed
7/5/2013	66.5	66.5	FLY CK A/C After Conditional Insp. Everything OK
8/26/2013	66.9	66.9	Round the pattern All is well
9/17/2013	67.9	67.9	Aerobatic Practice - SWB - 4W3,
10/25/2013	68.6	68.6	" " SWB - 4W3
11/10/2013	69.2	69.2	Aerobatic Practice Loops - rolls - Cuban 8
1/3/2014	69.8	69.8	Aerobatic Practice Loops - rolls - Cuban 8
2/23/2014	70.6	70.6	Trip to SWB & RTN
4/27/2014	71.5	71.5	Aerobatic Practice Loops - Cuban 8 - 4 point
5/23/2014	72.3	72.3	Fun Flying - just perfect day
6/1/2014	73.1	73.1	Light Aerobatic Practice
6/29/2014	73.7	73.7	Light Aerobatic Practice Loops, Cuban 8
8/20/2014	73.8	73.8	Performed Conditional Inspection
			Removed, Cleaned & Inspected Oil Screen
			No metal found. Drain Oil, filled with
			7 qts Aero Shell 15W50 - Added 1403

Date	Recording Tach/ Hour Meter Time	Total Time In Service	Description of work performed
			of CAM Guard. Reinstalled Screen with new gasket
			Removed plugs, Clean, rotated & reinstalled - Performed
			Compression test #1 77/80, #2 77/80 #3 78/80
			#4 - 78/80. Removed wheel, Clean & repacked wheel
			Bearings - Installed new brake lining pads L & R.
			Bled brakes. Removed & disassembled Inverted Valve
			cleaned - Sealed balls - reinstalled. Removed &
			cleaned two bottom oil screens - Removed & cleaned
			fuel injection screen. Bled Oil pressure Instrument
			line. Reinstalled wheels w/new Cotton pins -
			Ran & check engine for oil leaks. Thoroughly cleaned
			Airplane. Lubed engine & Pitt controls. Torqued intake
			& Exhaust Nuts. CK'd all fuel & oil lines for proper torque
			I certify that this Aircraft has been inspected IAW
			The Scope & Details of Appendix D & found to be in a
			condition safe for flight operation

Date	Recording Tach/ Hour Meter Time	Total Time In Service	AD 96-10-12 Description of work performed
2/20/2014	73.8	73.8	Complied with AD-96 by inspection
8/20/2014	74.6	74.6	Test flt after Conditional Insp. All OK
9/20/2014	75.4	75.4	CR Rigging - Left wing still a little heavy
9/17/2014	76.1	76.1	OK new temp oil gage due to oil pressure fluctuation
9/19/2014	76.7	76.7	Converted old temp gage to temp line - solved problem
			Reset Aileron Trim Tab - little too much -
			Right wing now heavy.
10/2/2014	77.3	77.3	Replaced oil/pressure gage with 3-in-1 Pross/Trip/CH
			Replaced all lines from Eng to gage - installed restriction
			Test flow - System worked perfectly. No
			change in C.G. Location or Weight. Approved
10/9/2014	78.1	78.1	Trip to Buy to Get Gasket for Eagle II
10/25/2014	78.8	78.8	Light Aerobatics - roll - Loop - Cuban 8 -
12/1/2014	79.5	79.5	Light Aerobatic Practice Loop - roll - Cuban 8 - Sponser
4/18/2015	80.2	80.2	To Sanford for fuel - Been out since Dec 2014

Date	Recording Tach/ Hour Meter Time	Total Time In Service	Description of work performed
5/23/2015	81.0	81.0	Light Aerobatic Practice. Return to flying after
5/25/2015	81.6	81.6	ITA - SWB RTN
6/9/2015	82.4	82.4	Light Aerobatic Practice roll - Loop - Cuban 8;
6/13/2015	83.1	83.1	Practice Landings in preparation for Grandson's 1st flt
6/13/2015	83.1	83.1	Remove Battery & installed new Concorde RC 25XC
6/14/2015	83.6	83.6	Gave Grandson Josiah 1st ride in Pitts
7/10/2015	84.2	84.2	Gave Grandson Josiah 2nd ride in Pitts
9/6/2015	84.2	84.2	Performed conditional inspection. Removed, inspected
			& cleaned oil screen. No metal found. Drained oil & filled with 7 qts of AeroShell 15W50
			added 14 oz of CAM Guard. Reinstall screen w/new gasket. Removed, plugs - cleaned &
			Gapped & reinstalled - Performed compression test #1 76/80 #2 75/80 #3 76/80 #4 78/80
			All done engine cold. Removed wheel, cleaned & repacked wheel bearings. CR'd Brake
			Pads. Removed & cleaned Bottom Oil screen - removed & cleaned fuel 1 pper for screen. Replaced
			screw in fuel shut-off valve. Replaced all fueling screws due to wear. Lubed engine & flt
			controls. CR torque on Intake & Exhaust Studs. CR'd all fuel & oil line torque. Ran engine &
			CR'd for oil leaks. Tested fuel system for leaks. Serviced tail wheel - retorqued mounting bolts
			install new ELT Batteries. I certify that this A/C has been inspected IAW the Scope of detail of Appendix D &
			found to be Safe for Flight.

Date	Recording Tach/ Hour Meter Time	Total Time In Service	Description of work performed
9/16/2015	84.2 80.2	84.2 80.2	Aviat SB Reviewed - N/A to N30B) because Builder Cables do not use turn buckles App
9/26/2015	84.2	84.2	Test flight After Condensed Insp. - All OK
10/8/2015	85.1	85.1	Preparation for Bi-Annual CK Ride
10/16/2015	85.6	85.6	Continue preparation for Bi-Annual CK Ride
10/15/2015	84.2	85.2 84.2	Bi-Annual CK Ride "See Log Book" Lap - Roll - Cuban 8
10/31/2015	85.8	85.8	Light Aerobatic practice
11/21/2015	87.0	87.0	Airwork - Fly Grandson
11/16/2016	87.8	87.8	Airwork
3/1/2016	89.9	89.9	Light Aerobatics - Rolls, Loops, Sprins L & R
4/17/2016	90.5	90.5	Airwork - Rolls, Loops, Cuban 8
5/10/2016	90.5	90.5	Replaced Maglite Starter with Hatzell Starter ^{New Cg.} Calucal hup
5/16/2016	91.3	91.3	X-Country to SWB, ywz, Return
6/11/2016	91.9	91.9	Flew grandson Josiah - Marginal VFR - Very hot
10/15/2016	92.7	92.7	Flight Review See Entry in Back of Book - X-Country SWB - ywz - EIN

Date	Recording Tach/ Hour Meter Time	Total Time In Service	Description of work performed
10/17/2016	92.7	92.7	Performed Conditional Insp. Drained oil refilled with 7 qts Aeroshell 115W50 - Added 12 oz CAN GUARD. Removed plugs, cleaned, gapped & reinstalled. Performed compression test #1 77/80, #2 76/80 #3 75/80, #4 78/80 - Tested w/eng cold. Removed wheel, cleaned & repacked bearings. CK'd Pads & fluid levels. Removed & cleaned bottom oil screen, Removed & cleaned oil screen - No metal found. Removed & cleaned fuel injector screen. Lubed eng & flt controls - ck'd torque of Intake & exhaust bolts. CK'd torque on fuel & oil lines. Ran engine & checked for leaks Pressured fuel system - tested for leaks. Serviced tail wheel. I certify that I have inspected this A/C IAW the scope & details of Appendix D & found it to be safe for flight. Builder
10/30/2016	93.3	93.3	CK-out A/C After Conditional Insp.
11/23/2016	93.9	93.9	Aero Practice
12/22/2016	94.7	94.7	Aerobatic Practice
1/15/2017	95.5	95.5	Took Grandson Josiah for ride Let him fly some

ENGINE LOG
EF5-1

ENGINE DESCRIPTION

MANUFACTURER LYCOMING MODEL HIO360DIA

SERIAL NUMBER L-19797-51A DATE OF MANUFACTURE _____

RATED BHP 200 RPM 2700 MANIFOLD PRESSURE _____

FUEL REQUIRED OCTANE/PERFORMANCE 100 OCT

REGISTERED OWNER Bruce C. Jordan

STREET NO. [REDACTED]

CITY, STATE, ZIP CARY, NC 27519

REGISTERED OWNER _____

STREET NO. _____

CITY, STATE, ZIP _____

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
7/2/2013	65.9	Performed Conditional Inspection on this engine Compression CK'd #1 78/80 #2 77/80 #3 78/80 #4 78/80. Drained oil & serviced with 7 1/2 qts of Aeroshell SW-50. Added 14 oz of CAN GUAM. Removed cleaned oil screen - Inspected - no metal found. Reinstalled w/new gasket. Removed & inspected ^{bottom} oil screen - reinstalled w/new gasket. CK'd Mag for proper operation & timing. Cleaned fuel strainer on Injection Servo & Prop Governor. Removed, cleaned & rotated spark plugs. CK'd Intake tubes & Exhaust stacks for proper torque. CK'd prop operation. All AD's on this engine complied with - See Attached AD Summary. Cleaned engine with solvent. Ran engine & checked for oil leaks - none found I certify that I have inspected this engine IAW the scope & details of Appendix D, part 4.3 & found the engine to be safe for operation. TACH 65.9 TT 584.1 SHOH 65.9

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
8/20/2014	73.8 SHOH TT 584.1	Performed Conditional Inspection on this engine Compression CK #1 77/80 #2 77/80 #3 78/80 #4 78/80 Drained oil & serviced with 7 qts Aeroshell SW50. Added 14 oz CAN Guard. Removed oil screen - cleaned & inspected for metal - none found. ^{installed w/new gasket} Removed & cleaned bottom oil screens - reinstalled with new gasket CK'd Mag timing, CK'd Mag operation. Removed, cleaned, inspected, rotated & reinstalled plugs. CK'd torque on exhaust & intake nuts. CK All AD's complied with on this engine - See Attached AD Summary. Ran engine & CK'd torque on all fuel & oil hoses. Ran engine & CK'd for oil leaks. Pressurized ^{fuel} & CK'd for leaks. Bled oil pressure instrument line to remove air in line. CK'd prop governor operation - I certify that this engine has been inspected IAW the scope & details of Appendix D & found safe for operation TACH 73.8 TT 584.1, SHOH 73.8

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
9-6-2015	84.2	Performed Conditional Inspection on the engine. Compression test #1 76/80 #2 75/80 #3 76/80 #4 78/80 - All done on cold engine. Drained oil - Serviced with 7 qts Aero Shell 15W50. ^{Added 14oz of Cam Guard} Removed oil screen - cleaned & checked - no metal found. Reinstalled with new gasket. Removal of cleaned bottom oil screen. Removed, cleaned & re-installed fuel injector screen. CK'd Mag timing. CK'd mag operation. Removed, cleaned & gapped spark plugs plugs. Rotated & reinstalled. CK'd torque on Intake & Exhaust studs. CK'd All AD's complied with - see Attached AD Summary. Ran engine & ck'd for oil leaks. Pressurized fuel sys & ck'd for leaks. CK'd prop governor for proper operation. Inspected injector lines. I certify that this engine has been inspected IAW the scope & details of Appendix D & found safe for operation. TACH 84.2 IT 594.5 SMOH 84.2 [REDACTED] A4 [REDACTED] Removed spinner & greased prop.

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
10/17/2016	92.7 ^{SMOH}	Performed Conditional Inspection - Drained oil - refilled with 7 qts 15W50 - Added 12 oz Cam Guard. Removed, cleaned & gapped plugs - Rotated & reinstalled. Performed Compression test #1 77/80 #2 76/80 #3 75/80. Eng tested cold. Removed, cleaned & inspect oil screen - no metal found - Removed cleaned bottom oil screen - no metal found. Removed, cleaned fuel screen - CK'd torque on all fuel & oil lines - torqued sparked plus to 25 lb-in - CK'd torque on Intake pipes & Exhaust flange nuts. Ran engine & checked for leaks. CK'd timing on Mags. Pressurized fuel system & ck'd for leaks. CK'd operation of all control cables. I certify that I have inspected this engine IAW with the scope & details of Appendix D & found it safe for operation TACH 92.1 IT 603.0 SMOH 92.7