

ERA16FA316
N3547Q

NTSB Photo Copies of Airframe and Engine Logbook Maintenance Entries
May 2016 - June 2013

Souther Field Aviation Inc.	
May 3, 2016	Tach: 2741.49 TT:2741.49
Performed 100hr. inspection I/A/W Part 43 appendix D. Rebuilt L/H & RH brake calipers, bleed brake system and service L&R reservoir. Replaced outboard R/H aileron bearing with new. Replaced trim tab push rod bearing with new. Installed new tall wheel tire. Cleaned and inspected all wheel bearings. Installed new bearing and race on L/H wheel. Installed new most outboard rib on L/H wing tip. Repaired Lh fiberglass wing tip. Installed new bushing in L/H aileron push rod rod-end. Rebuilt spray valve, installed new ball and seals.. Installed new switch on Nav Lights. CW AD 11-10-09, Seat Rails and Roller Housing Inspection, by inspection I/A/W paragraph G of AD. Due again next annual of TACH:2841.49. All applicable AD's CW through this date. See AD listing in logs.	
Kyle Bullock AP [REDACTED]	
[REDACTED]	
Souther Field Aviation Inc.	
May 3, 2016	Tach: 2741.49 TT:2741.49
I certify that this aircraft has been inspected in accordance with an ANNUAL inspection and was found to be in airworthy condition.	
Paul Pearson IA [REDACTED] [REDACTED]	

Photo 1: May 2016 Airframe Logbook Entry

Photo 2: May 2016 Engine Logbook Entry

04-10-2015 A/C Tach 2728.06 A/C T.T 2728.06 Performed Annual inspection. Installed the following items new: 1st Hopper Sight glass kit, 1st parking brake, 2nd Main wheel bearing dust cover, 1st air intake filter. C/w A.D.# 11-10-09 by measuring Seat pin locking engagement hole and ensuring rollers perform properly. This A.D. is recurring and is due again					
AIR TIME AND					
DATE	DAILY TOTAL		TOTAL AIR TIME SINCE MFG.		ENGINEERING RECORD NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD					in 108 HRS T.T in service. See A.D. report dated 26-10-2014 for past A.D.'s and actions taken. Checked cleaned and greased all wheel bearings. Replaced T/w tire with new. Patched 2nd small cracks in 1st hopper side panels with like material - painted. I Certify that this Aircraft has been inspected & /w an annual inspection and determined to be in airworthy condition. Southern Field Aircraft
04-14-15					Removed Replaced battery with new Gill G-55 3/4 G02814778. Charged & check - good. Southern Field Aircraft
A/C T.T	2728	28			
Tach	2728	28			

Photo 3: April 2015 Airframe Logbook Entries

ENG. SER.				NC
DATE 19__	TACH. TIME	THIS FLIGHT	TOTAL TIME	SIGNATURE AND CERTIFICATE NO.
April 10, 2015	2728.06			Performed Annual inspection. Checked Cylinder Compression: cyl #1 $76/80$, #2 $66/8$ #3 $78/80$, #4 $78/80$, #5 $78/80$, #6 $77/80$. Checked and cleaned gasculator, fuel inlet screen all fuel injectors and oil screen. Drained engine oil. Serviced engine to its Sumps' capacity with Aero: 100w engine oil. Checked & TESTED all spark plugs. Changed air inlet filter with new bracket BA-14 filter. See A.O. Compliance Report dated this date for applicability and/or actions taken. I certify that this engine has been inspected in accordance with annual inspection and determined to be in airworthy condition. Southfield Aviation - [REDACTED] JSA
T.S.O. 628.66				
FORWARD TOTALS TO TOP OF NEXT LEFT PAGE				

Photo 4: April 2015 Engine Logbook Entry

INSPECTION, REPAIRS & REPLACEMENT ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.	SIGNATURE	LICENCE NUMBER
06-10-2014 A/C Tach 2720.79 A/C T.T 2720.79 Performed Annual inspection. Installed new: 2nd Brake disc, all brake linings, 1st 4H rigid Brake line, 1st RH flex brake hose, 4th hopper hold down latches, 1st windshield wiper cutter, Both main landing gear wiper cutters, Both strut upper close-out fairings, Both main gear close-out fairings, 1st air intake tube, 1st air intake filter, 1st wiper deflector cables and 1st dump Boot. Checked and greased all wheel Bearings, lubed all pulleys, cables, bellcranks and hinge points. Installed used Horizontal and RH landing gear in Airworthy condition as received from SFA Aviation Oklahoma U.S.A. Installed G.P. System supplied by Aircraft owner see 337 form dated 06-10-2014 Performed new weight & Balance - see report See A.D. Compliance report dated 06-10-2014 for A.D.'s and their required actions. I certify that this aircraft has been inspected in/w an annual inspection and determined to be in Airworthy condition - Southern field situation - REMOVED FROM STANDARD AIRWORTHINESS and RETURNED TO RESTRICTED 6-10-2014 NAME [REDACTED] PART [REDACTED]		

Photo 5: June 2014 Airframe Logbook Entry

ENGINE LOG	
DATE	INSPECTIONS, ADJUSTMENTS, REPLACEMENTS, REPAIRS AND/OR ALTERATIONS
19	EVERY REPAIR AND EVERY INSPECTION MUST BE ENDORSED BY A CERTIFICATED MECHANIC OR REPAIR FACILITY WITH NAME, RATING AND CERTIFICATE NUMBER
	Date <u>06-10-2014</u> <u>T.S.O.</u> <u>P.T.</u> In Service <u>102139</u> Ad's Checked thru: <u>10-2014</u> I Certify That This <u>Engine</u> has been Inspected In Accordance with a <u>Annual</u> inspection and was determined to be in Airworthy condition. <u>[Redacted]</u> <u>[Redacted]</u> <u>[Redacted]</u> <u>06-10-2014</u> Checked Cylinder Compression - were as follows Cyl #1 $78/80$, #2 $78/80$, #3 $70/80$, #4 $74/80$, #5 $72/80$, #6 $70/80$. Checked PASCULATOR - screen, fuel inlet screen, checked, cleaned fuel nozzles, checked oil screen - o.k., Tested all spark plugs - good. Southern field Aviation See A.O 11ST dated this date: <u>[Redacted]</u> <u>[Redacted]</u>

Photo 6: June 2014 Engine Logbook Entry

4/10/13 SNOMH 2718.3 TTA 2718.3 2011-10-9
3cat Teachs D.K., Installed Engine S/N 159679-70D
TIE unknown, SNOMH 620.9. ~~ET~~ & Certify
This Aircraft has been inspected TAA Part
43 APPOL. "D" Annual Inspection HANB 412
in Airworthy Condition this date, [REDACTED] IA

Photo 7: April 2013 Airframe Logbook Entry