

T. W. SMITH
AIRCRAFT, INCORPORATED

Model Cont. 0-300-A
Serial 8705-D-4-2
W.O. B3831
Date 3/1/71



It is expressly agreed that the undersigned, jointly and severally, if our manufactured engines and accessories shall be free from defects in material or workmanship which under normal use and service, for "one hundred hours" or other number and eight days" of operation which ever occurs first, in accordance with the following conditions:

A. Any malfunction or failure occurring within this period will be repaired by T. W. Smith Aircraft, Inc. without any charge to the customer, providing such malfunction or failure results from defects in material and workmanship provided said aircraft is used under normal conditions to have repaired at a facility other than T. W. Smith Aircraft, Inc. will be repaired under the following circumstances:

1. T. W. Smith Aircraft, Inc. is notified before repairs are performed.
2. T. W. Smith Aircraft, Inc. shall have the option to furnish any parts or accessories required and provided further that defective parts or accessories are promptly returned to T. W. Smith Aircraft, Inc.
3. All repairs are performed on a standard charge basis and not on an overtime basis and providing further that the charge is reasonable for the repairs accomplished.

The engine is further warranted on a pro-rated basis (except that no labor allowance will exist for the period between "one hundred hours or one hundred and eighty days" which ever comes first, and "six hundred hours or three years" which ever comes first. No other express warranty is given and no affirmation of the seller, his agent, employee, or representative, by words or actions, shall constitute a warranty, unless specifically included within this written agreement.

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T. W. SMITH AIRCRAFT, INCORPORATED

T. W. SMITH AIRCRAFT, Inc.
4490 COOPER ROAD BLUE ASH AIRPORT CINCINNATI, OHIO 45242
MAINTENANCE RELEASE

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency. CERT. No. 1045

Work Order No. B3831 Date: 3/1/71

Model Cont. 0-300-A Serial No. 8705-D-4-2

Date Remanufactured 2/25/71

Total Accumulated Time 2300.00 SINCE NEW

Signed: *James W. Decker*

The above listed component has been inspected, remanufactured and test run as prescribed by manufacturer's specifications. All steel parts magnafluxed and non-ferrous parts x-rayed. No further run-in of the installation is required. All factory bulletins complied with at time of overhaul. All applicable airworthiness directives complied with.

ENGINE LOG

SINCE 12/19 TRUCK
REPAIRS 12/19 12/19

DATE	TIME ON GROUND		TIME IN AIR		TOTAL TIME HRS. MIN.	REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER	
	HRS.	MIN.	HRS.	MIN.					
4-9	1	17	12	30	17	ADD 1 QT #50 K14 OIL OIL OIL Dues @ 140.19			
4-11	1	24	13	20	17				
4-12	24	123	44	24	25				
4-13	48	123	42	48	73				
4-14	32	124	24	32	65				
4-16	57	124	51	57	62				
4-17	72	125	53	72	34				
5-11	2	30	85	2	64	ADD 1 QT #50 K14 OIL			
5-21	96	128	79	96	60				
5-23	1	22	01	1	82				
5-24	38	130	39	38	20				
6-3	1	84	23	1	04				
BROUGHT FORWARD		12	04	23	12	04	23	12	04
TOTALS		32	23	12	04	23	12	04	04

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME HRS. MIN.	REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	GROUND	AIR	HRS.	MIN.	HRS.	MIN.				
1971										
BROUGHT FORWARD										
TOTALS										

DATE	R. P. M. GROUND AIR	TIME ON GROUND HRS. MIN.	TIME IN AIR HRS. MIN.	TOTAL TIME HRS. MIN.	REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
6-10		133 45	15 46	233 36			
6-12		134 45	14 26	231 46			
6-21		137 49	13 30	231 79			
7-4		140 98	22 29	233 20			
7-5					CHANGED OIL - GULF #40 8 QTS KIBEROL		
					STRAIGHT KIBEROL		
					OIL-INSPECTED ENG		
					FILTER SCREENS		
					CLEANED AIR INTAKE		
7-6		142 00	23 31	232 01			
7-16		144 11	25 42	232 92			
BROUGHT FORWARD		132 23	12 04	231 04			
TOTALS		144 11	25 42	232 92			

DATE	R. P. M. GROUND AIR	TIME ON GROUND HRS. MIN.	TIME IN AIR HRS. MIN.	TOTAL TIME HRS. MIN.	REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
7-20		146 17	27 51	232 49			
8-1		148 12	29 46	232 93			
8-18		149 49	30 45	232 72			
8-21		150 60	31 44	232 41			
9-4		153 47	35 31	233 78			
9-5		157 79	39 13	233 60	(SEPT. 5, 1971) ADD 1 QT GULF		
9-18		159 23	40 57	233 80	#40 STRAIGHT KIBEROL		
9-19		159 35	40 36	233 36	RAW EXOGE OIL		
					CHANGED OIL, 8 QTS		
					GULF #40 STRAIGHT		
					KIBEROL OIL		
9-25		161 70	43 04	234 51			
BROUGHT FORWARD		144 11	25 42	232 92			
TOTALS		161 70	43 04	234 51			

DATE	R. P. M.		THE ON GROUND	THE IN AIR	TOTAL TIME	REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	GROUND	AIR						
7/1								
9/26			162	83	44	17	2341	64
10/10			164	91	46	25	2343	72
10/11								
10/14			165	94	47	28	2344	75
10/22			166	93	48	17	2345	64
10/24			169	75	50	49	2348	46
11/11			170	86	52	10	2349	57
11/12			174	02	55	24	2352	73
11/14			176	08	57	32	2354	76
11/16			178	11	59	35	2356	79
11/12			180	75	61	49	2359	43
BROUGHT FORWARD			161	70	43	04	2340	51
TOTALS								

DATE	R. P. M.		THE ON GROUND	THE IN AIR	TOTAL TIME	REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	GROUND	AIR						
11/21			184	05	65	49	2362	93
11/20			183	00	64	24	2361	68
11/11								
11/28			185	86	67	10	2365	54
12/4			187	81	69	05	2367	49
12/5			189	31	70	35	2368	79
12/12			189	99	71	08	2369	87
12/27			191	01	72	05	2370	49
1/1/12			192	50	73	54	2371	98
1/14/12			194	87	75	41	2374	25
BROUGHT FORWARD			194	67	75	91	2374	25
TOTALS								

DATE	R. P. M. GROUND AIR	TIME ON GROUND		TIME IN AIR		TOTAL TIME	REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HRS.	MIN.	HRS.	MIN.				
7/2		196	03	77	07	2375	57		
1/5/72		199	42	80	46	2378	90		
1/6/72		201	76	82	50	2381	34	CHANGED OIL - BARTS #40 STRUCKIT GENERAL BASE	
2/6/72		202	44	87	48	2384	02	ADD 1 QT #40 S.F. OIL	
3/14/72		209	83	90	87	2389	41		
3/18/72		214	00	95	04	2393	57		
3/19/72		216	33	97	59	2396	13		
3/24/72		219	08	100	34	2398	58		
4/4/72		222	52	102	40	2401	44		
4/13/72		225	75	106	09	2404	63		
4/29/72		230	58	111	22	2409	76	ADD 1 QT #40 S.F. OIL	
BROUGHT FORWARD									
TOTALS									

DATE	R. P. M. GROUND AIR	TIME ON GROUND		TIME IN AIR		TOTAL TIME	REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HRS.	MIN.	HRS.	MIN.				
4-4-72							4-4-72 performed ground checks. Review of ground all of your work & logs. Change of your records. Some records #3. Your checkbook was checked for check. Repair of battery with new. Will continue to use fuel as usual. Run up the stairs and ground logs. Wash down & lighted these out.		
BROUGHT FORWARD									
TOTALS									

DATE 4-4-72 TOTAL TIME 5 1/2
"CERTIFY THAT THIS AIR CRAFT HAS BEEN INSPECTED
IN ACCORDANCE WITH A FEDERAL INSPECTION AND WAS
DETERMINED TO BE IN AIRWORTHY CONDITION."
A & E 9764 J. H. Swank

ENGINE LOG

DATE	R. P. H.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	GROUND	AIR	HRS	MIN	HRS	MIN	HRS	MIN			
7/2											
5/6/			233	07	113	41	2411	95			
5/28			235	12	116	26	2414	80			
6/3			238	28	118	62	2417	16			
6/4			238	73	119	07	2417	61	ADD 1 QT ST. OIL. Blew oil #40 (Gulf)		
6/4			240	93	121	30	2419	84			
6/25			243	91	124	28	2422	84			
7/15			247	50	127	86	2428	40	ADD 1 QT ST. OIL Blew oil #40 (Less)		
7/16			249	68	130	04	2428	58			
7/23			251	33	131	69	2430	23			
7/30			252	33	132	69	2431	23			
8/6			256	53	136	89	2435	43	CHANGE OIL 80W #40 ST. OIL (Gulf)		
8/20			259	17	139	53	2438	02			
BROUGHT FORWARD											
TOTALS											

ENGINE LOG

DATE	R. P. H.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	GROUND	AIR	HRS	MIN	HRS	MIN	HRS	MIN			
7/2											
8/21			265	59	143	95	2442	44			
9/3			266	97	147	53	2445	82			
9/10			269	85	150	21	2448	70			
9/23			271	66	152	02	2450	51			
10/1			276	47	156	33	2455	32			
10/4			279	01	159	37	2457	86			
10/29			279	47	159	33	2458	32	CHANGE OIL 80W #40 AD (Cranville)		
11/12			282	35	162	71	2461	20	WASHER LEFT EXH. STUCKS TO AIRCRAFT		
11/18			283	46	163	83	2462	31			
12/3			285	19	165	56	2464	04			
12/28			285	79	166	16	2464	64			
1/173			286	67	167	04	2465	52			
BROUGHT FORWARD											
TOTALS											

Tail since 2/26/67
or since 1/17/68
ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.			
10/13											
1/14			289	94	170	31	246	879			
1/25			292	10	172	47	247	945			
2/17			299	25	173	62	247	110			
2/18			296	20	176	57	247	05	ADD 1 QT #40 LUBRIC OIL		
3/3			300	67	181	04	249	52			
3/26			302	30	182	67	248	15	4-15-73 collect Command Paper Washburn's by the way out. Clean all grease and oil from the mag. of mag. change oil		
BROUGHT FORWARD									DATE 4-15-73 TOTAL TIME 2534 5'61"		
TOTALS									"CERTIFICATION OF THIS LOG HAS BEEN INSPECTED IN ACCORDANCE WITH A REQUEST FOR INSPECTION DETERMINED TO BE IN AIRWORTHY CONDITION." A & E 9764 10/26/67		

Tail since 1/17/68
or since 2/26/67
ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.			
1/15			305	82	186	19	288	67			
4/14									Removed defective #4 CYLINDER (CHECKED) AND REPAIRED WITH A TINY SWATH COMPLETE CYLINDER ASSEMBLY CHANGED OIL TO STRAIGHT MINERAL BASE #40		
4/23			306	59	186	96	248	44			
4/29			307	00	187	37	248	55			
5/6			308	88	189	25	249	73			
5/12			311	88	192	25	240	73			
BROUGHT FORWARD									EXT. PRES. DIF. CHECK @ KANSAS AVIATION CO WOODBINE AIRPORT N.J. ALL CYL. CHECKED BETWEEN 75 & 80 PSI		
TOTALS									10/26/67		

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME	REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	GROUND	AIR	HRS.	MIN.	HRS.	MIN.				
7/3										
8/2			8:14		1:95	23	2:43	71		
8/9			3:15	85	1:96	22	2:44	70		
8/10			3:16	85	1:97	22	2:45	70		
8/11			3:20	12	2:00	49	2:48	97	CHANGED OIL - 8 QUARTS	
8/14			3:20	33	2:00	30	2:49	73	CHANGED OIL - 8 QUARTS	
8/15			3:20	09	2:02	46	2:50	94		
8/16			3:22	09	2:02	46	2:50	94	ADDED 1 QT 20/40 GULF	
8/17			3:23	39	2:14	56	2:52	84	AD OIL	
8/18			3:24	54	2:04	49	2:53	17		
8/19			3:27	24	2:07	39	2:50	87		
8/20			3:29	35	2:09	41	2:50	76		
8/21			3:33	69	2:13	77	2:51	32	ADDED 1 QT 20/40 GULF	
8/22			3:33	97	2:14	09	2:51	64	AD OIL	
BROUGHT FORWARD										
TOTALS										

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME	REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	GROUND	AIR	HRS.	MIN.	HRS.	MIN.				
9/6			3:35		30	2:15	42	2:51	97	
9/8			3:39	42	2:19	54	2:51	18	09	
9/9			3:41	72	2:21	84	2:52	59		
9/11			3:41	82	2:21	98	2:52	89	CHANGED OIL (8 QUARTS GULF AD #40)	
9/15			3:42	17	2:22	29	2:52	84		
9/16			3:43	43	2:22	55	2:52	10		
9/23			3:44	73	2:24	85	2:52	40		
9/30			3:46	16	2:26	28	2:52	83	ADD 1 QT GULF #40 AD	
10/14			3:49	77	2:29	89	2:52	44		
10/21			3:52	66	2:32	78	2:52	33		
10/24			3:54	25	2:34	37	2:52	92	ADD 1 QT GULF #40 AD	
11/22			3:60	29	2:40	44	2:53	96		
BROUGHT FORWARD										
TOTALS										

ENGINE LOG

Track Read *Since Read*

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME	REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	GROUND	AIR	HRS.	MIN.	HRS.	MIN.				
7/3			3:00	29	2:48	41	5:38			
12/2			3:00	67	2:40	79	5:39	Checked Oil Ports #40 AD GULF		
12/3			3:03	59	2:43	71	5:43			
12/8			3:46	67	2:43	74	5:44			
1/15			3:05	81	2:44	93	5:44			
1/25			3:06	75	2:45	87	5:45	ADD 1 QT #40 AD GULF		
1/30			3:07	00	2:46	12	5:45			
1/17/4			3:07	25	2:46	37	5:45			
2/3			3:09	14	2:48	26	5:47			
2/16			3:11	22	2:50	34	5:49			
2/24			3:13	46	2:52	78	5:52	ADD 1 QT #40 AD GULF		
3/16			3:15	56	2:54	68	5:54			
4/13			3:16	13	2:55	25	5:54			
BROUGHT FORWARD										
TOTALS										

ENGINE LOG

Track Read *Since Read*

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME	REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	GROUND	AIR	HRS.	MIN.	HRS.	MIN.				
4/26			3:17	69	2:56	81	5:57			
4/28			3:19	28	2:58	40	5:58	Annual inspection ISO 2518.70		
5/8			3:20	64	2:59	78	5:59	checked necessary, checked 159 5.00		
5/21			3:21	66	2:60	78	5:60	compressor 1.75 2.80 3.00 4.50 5.00		
5/23			3:22	19	2:61	31	5:60	checked timing 6 801		
6/18			3:24	54	2:63	65	5:63	replaced cork last and valves		
7/14			3:26	07	2:70	18	5:69	leaf seal tubing		
7/24			3:28	26	2:72	37	5:72	1 century thru this engine		
8/31			3:28	42	2:73	53	5:77	had been suspect in accordance with annual inspection and was determined to be in satisfactory condition.		
BROUGHT FORWARD										
TOTALS										

Shingler-122 12-05-72 1H

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.			
1975											
4-28									Cleaned & gaped all sparkplugs. Changed oil with Sgt. Arnold. 100 HO. Checked & cleaned all valves. Tuned merge to engine. Replaced Exhaust gasket. All nuts 74-26-09 checked good looking in table. Compression checked #1- 79%, #2- 76%, #3- 72%, #4- 70%, #5- 70%, #6- 16%.		
I certify that this engine has been inspected in accordance with a 100% inspection and was found to be in an airworthy condition.											
I.T. 46, 24 . Date 4-28-75											
Signature <u>Frank W. Murray</u>											
FRANK W. MURRAY A & P 2088652											
BROUGHT FORWARD											
TOTALS											

K.I. most Spm

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.			
9/27/75			4	49.61					700 Chassis and 800 Standard tires	Gardner	
BROUGHT FORWARD											
TOTALS											

496.39

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME	REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER	
	GROUND	AIR	HRS.	MIN.	HRS.	MIN.					HRS.
2-15							499 37	Top Overhauled all cycle this date using the following parts: Rings, valves guides exhaust valves, in the guides, all new gaskets & seals. Flange also sealed valves. Cleared Speed (brake) cycles pistons. Engine new & checked for leaks. Then please for 48 mins OK	FRANK W. MURRAY	A & P. 2088652	
BROUGHT FORWARD											
TOTALS											

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME	REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER	
	GROUND	AIR	HRS.	MIN.	HRS.	MIN.					HRS.
1976								Changed oil with the filter 100 AD. Checked all filter vacuum. Checked mag to engine timing. Checked points in mag & cleaned sparkplugs Compression checked 7480 on meter on all cycle. Checked for leaks.	FRANK W. MURRAY	A & P. 2088652	
BROUGHT FORWARD											
TOTALS											

I certify that this engine has been inspected in accordance with a C-400 inspection, and was found to be in an airworthy condition.

J. T. MURRAY
 Signature: *Frank W. Murray*
 Date: 2/15/76
 FRANK W. MURRAY
 A & P. 2088652

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.			
May 9 1971	Tach		636	8	-	26	77	0	Total time since New - 3790 hrs		
									Change oil with 8 qts Newshell		
									Screen - cleaned & Re-gapped Sparkplugs - Comp.		
									Checked 75/80 oil better on NL cylinders -		
									Intake & Exhaust systems leak checked - checked		
									Ming Timing - C/S HD 76-07-12 By Function check		
									of Ignition Switch - END -		
<p>I certify this engine has been inspected in accordance with a 100 hr. inspection and was determined to be in an airworthy condition.</p> <p><i>[Signature]</i></p> <p>Approved <i>[Signature]</i></p> <p>APP 4217452</p>											
BROUGHT FORWARD			TOTALS								

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.			
June 6-1980	Tach		756	8			27	11	TT 499.0 SMDH		
									Change oil Clean Screen check & clean		
									Check Compression - Check C/S on both		
									Check Cyl. Check Exhaust system		
									Check Mag, Timing, Replace Luber Grease		
									Check		
<p>I certify this engine has been inspected in accordance with a 100 hr. inspection and was determined to be in an airworthy condition.</p> <p><i>[Signature]</i></p> <p>Approved <i>[Signature]</i></p> <p>APP 2000120</p>											
BROUGHT FORWARD			TOTALS								

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.			
24 July 92									Approved for Automotive Fuel Aircraft has been approved with STC SA 76282L and this engine in accordance with STC SE 69382L see 337 in also approved under STC SE 69382L	Quest & Reeves	
									in A/cft Records	ATP 29434 6058	
APR 20 92									Structure 824130 Rem ovd INSTA/Weld		
									DID NOT TRY used 5 Remy RP 411 4878469		
BROUGHT FORWARD											
TOTALS											

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.			
4 Sept 93									1. Comp OK #1 78/80 #2 77/80 #3 78/80 #4 78/80 #5 74/80 #6 77/80		
									2. checked mag Timing LH 26 B7C RH 280 B7C		
									3. Replaced mag Ignition Leads		
									4. Drained Eng oil and removed Inspected + cleaned oil Screens no metal found - Serviced with 7 qt Aeroshell V		
									5. Replaced RA 6108 Ram air filter element		
									Engine has been inspected in accordance with annual inspection and was determined to be in an airworthy condition and returned to Service.	Quest & Reeves	
BROUGHT FORWARD											
TOTALS											
ATP 29434 6058 JA											

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER	
	GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.				
1996												
11-33									Trac parts 150 TI 3145 SMOH 845 Completed look/running wsp - Decid oil, service will shall 11000 - Chg. 2 ck. oil filter (CH48108) - ck. comp. #1-77, #2-68, #3-76, #4-77 #5-74, #6-78/80 - check & gap plugs (replace 1 remove) ck. exhaust system & heat muff. - ck. governor to bushes - Remove wicks from prop - wash engine & cover. 1 out this engine has been inspected in accordance with an annual inspection & found airworthy Paul Steuber 13558347A			
BROUGHT FORWARD												
TOTALS												

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.			
1998											
01-11-98									Trac parts 166 TI 3161 SMOH 861 Completed look/running Brought using Chgd oil using shall 11000 - Chg. 3 ck oil filter - ck. comp. #1-78, #2-75, #3-78, #4-78, #5-77, #6-76/80 - check & gap plugs - replace spark plug washers - ck. mag. Timing 190. 190s, exhaust system & heat muff. - replaced R/H mag. 190 this engine has been inspected in accordance with an annual inspection & found airworthy Paul Steuber 13558347A		
BROUGHT FORWARD											
TOTALS											

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.			
8-27-99									Performed Compression check #1 12/80 #2 15/80 #3 25/80 #4 20 #5 67/80 #6 13/80. Changed inlet air filter. Checked magnet timing. Cleaned & regapped spark plugs. Changed oil filter. Inspected oil filter for metal. Added 8 qts Aeroshell 50 w. Inspected exhaust & heater muffs I certify that this eng. was inspected in acc. with an annual inspection per F.A.R. 43 appendix D and found to be in an airworthy condition David Craft AIP473992872357K		
BROUGHT FORWARD											
TOTALS											

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.			
Sept 8 2000									Repaired 252 102 3120 110 TI Revised engine oil added 700 0.25252515 was 02L with new oil. FILLING COMPRESSOR TEST #1 28/80 #2 20/80 #3 25/80 #4 25/80 #5 20/80 DUE TO BOTH MAL OF SHUTTER SYSTEMS and 7.5 in. 1. Fan up ok. S&B YGHOE TOL NO 8.222 COMPLETED WITH Dis. Eng. COOLING. REPLACED GASKET ON 252 252 ASSY WITH H 260. ASSY TO CORRECT THE AND 91-09-01 TO 742704 OCTOBER REASSEMB. I CERTIFY THE THIS FOLLOWED HAS BEEN INSPECTED TO ACCORDANCE WITH AN ANNUAL INSPECTION AND NO DEFICIENCIES BE IN REPAIRS OR DEFECTS. David Craft AIP473992872357K		
BROUGHT FORWARD											
TOTALS											

SERVICEABLE

Part Name: WATERPUMP Mfg: BEHNKE
 Part No.: 10-51365-39 Serial No.: 118248
~~Overhaul~~ & ~~BEHNKE TESTED~~
 A.D.'s 74-2609, 82-20-01, 94-03-123
 96-12-07 O.K. By Insp.

(Over)

Part No.: 10-51365-39 Serial No.: 118248
~~Overhaul~~ & ~~BEHNKE TESTED~~
 A.D.'s 74-2609, 82-20-01, 94-03-123
 96-12-07 O.K. By Insp.

(Over)

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.			
7/21/01									oil change of Amov-Hell 15W50 Filter changed & H48108 inspected & OK.		
1/24/01									Completed with Annual insp. per Cassie Clark 1st Compression OK on BEHNKE. Charge plate first. Serviced with parts of 15 carb (Behnke) 400N48108 OK first. Removed RIZATAK mounted 2HR lower fuel. Replaced insert, new ROSKET P14SA24759 & new blue water P/N SA22800, HR 2 Exhaust studs cyl #3. Completed the following AD's: AD 20-11-51		
BROUGHT FORWARD											
TOTALS											

The Standard Engine Log
SE-2

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Engine Record General Information

Manufacturer Talboys - Radstock Model O-300A
Serial 8705-D-4-2 Type Certificate N 2645V
This engine is currently installed in aircraft: _____
Minimum Octane Fuel _____ Oil Grade Summer _____ Winter _____
Magnetto Time _____ Point Setting _____ Firing Order _____
Spark Plug Gap _____ hours
Manufacturer's Recommended Overhaul at _____ hours

YEAR	RECORDING DATE	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
				<p>A & M Maintenance Services - 1CS Clew International Airport, Bolingbrook, IL.</p> <p>TYPE: Cessna 170 "N" # N2665V DATE: 08/04/2003</p> <p>TACH TIME: 515.72 Hrs. ENGINE TOTAL TIME: 3379.72 Hrs. TIME SMOH: --0.00 Hrs.</p> <p>At this time the engine, Teledyne-Continental Model O300-A, S/N 8705-D-4-2, was disassembled, inspected and reassembled in accordance with the manufacturers overhaul instructions. All applicable airworthiness directives and service bulletins are in compliance as of this date. All steel parts were magnafluxed. Parts with yellow tags are as follows: one each crankcase, from Central Cylinder Service, Inc., W/O# 11464, dated 06/17/03; one each crankshaft, S/N K38880-1, from Rick Romans, Inc., W/O# R38880-1, dated 06/11/03; one each camshaft, S/N K38902-1, from Rick Romans, Inc., W/O# 38903, dated 06/11/03; six each connecting rods, from Rick Romans, Inc., W/O# 38880, dated 06/09/03; two each counterweights, P/N 531017 and 530864, from Rick Romans, Inc., W/O# 38880, dated 06/11/03; twelve each tappet bodies, P/N 530851, from Rick Romans, Inc., W/O# 38880, dated 06/11/03; six each complete cylinder assemblies with new rings, existing pistons, piston pins, from Poplar Grove Airmobile, W/O# 7823, dated 05/06/03; one each carburetor, P/N 10-4895, S/N BR 0 1748, from Aircraft Systems, Inc., W/O# 34552, dated 07/03/03.</p>

CONTINUED

YEAR	RECORDING DATE	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
				<p>A & M Maintenance Services - 1CS Clew International Airport, Bolingbrook, IL.</p> <p>TYPE: Cessna 170 "N" # N2665V DATE: 08/04/2003</p> <p>TACH TIME: 515.72 Hrs. ENGINE TOTAL TIME: 3379.72 Hrs. TIME SMOH: --0.00 Hrs.</p> <p>one each overhauled fuel pump, P/N 40585, S/N AA16266, from Aero Accessories, Inc., W/O# 42670, dated 07/02/03; one each crankshaft gear and one each camshaft gear, magnafluxed, from Rick Romans, Inc., W/O# 38880, dated 06/11/03. The following new parts were installed: one each gasket set, P/N SA25104-A4; four each counterweight pin, P/N 630261-15; eight each plate, P/N 530863; eight each ring retainer, P/N 402805-3; four each screw, P/N 22532; four each screw, P/N SA22534; twelve each bearing, P/N 639640M03; twelve each connecting rod bolt, P/N 530213; twelve each castle head nut, P/N 24804; twelve each cotter pin, P/N 531211; one each thru bolt, P/N 530950P003; seven each thru bolt, P/N 531212; two each thru bolts, P/N SA36170-A1M10; two each thru bolts, P/N 53746; thirty-five each nuts, P/N SA646605; twenty-four each nut, P/N 652421; six each bolt, P/N AN4-13A; four each bolt, P/N 34678; four each screw, P/N 22537; one each gear, P/N 35343; one each gear, P/N 23403; one each suction screen, P/N 653986.</p>

CONTINUED

YEAR	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations <small>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)</small>
				<p style="text-align: center;">A & M Maintenance Services - ICS Clow International Airport, Bolingbrook, IL.</p> <p>TYPE: C-170A "N": N2645V DATE: 01/01/2004</p> <p>TACH TIME: 548.38 HRS. ENGINE T.T.: 3552.49 HRS. ENGINE TSMOH: 32.66 HRS.</p> <p>At this time the engine was opened for inspection. All components were inspected in accordance with a 100-HOUR INSPECTION as per Cessna and Teledyne-Continental Service Manuals. The compression was checked with the following results: #1 - 74/80, #2 - 76/80, #3 - 72/80, #4 - 77/80, #5 - 70/80, #6 - 78/80. The engine oil was drained and the oil filter was removed, opened, and inspected --- no defects noted at this time. The engine was serviced with 8 quarts of Phillips 20W50 and one Champion CH48 108-1 oil filter. The spark plugs were cleaned, gapped, tested, rotated, and reinstalled. The leads were cleaned and tested. Magneto to engine timing was checked and adjusted as needed. The prop S/N: 54249 was installed after overhaul and replaced by Aircraft Propeller Service W/O# 69431 dated 12/23/2003 with new bolts P/N: AV6H-40A. Washed and ran engine - no leaks noted at this time. AD96-12-07, effective 07/18/1996, to prevent magneto failure and subsequent engine failure, was complied with at a Tach. 256.0 Hrs. Next due at a Tach of 756.0 Hrs.</p> <p style="text-align: right;">-CONTINUED</p>

YEAR	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations <small>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)</small>
				<p style="text-align: center;">A & M Maintenance Services - ICS Clow International Airport, Bolingbrook, IL.</p> <p>TYPE: C-170A "N": N2645V DATE: 01/01/2004</p> <p>TACH TIME: 548.38 HRS. ENGINE T.T.: 3552.49 HRS. ENGINE TSMOH: 32.66 HRS.</p> <p>AD94-05-03R1, effective 02/13/1996, on rocker shaft bosses, due at overhaul or whenever a cylinder is removed. All AD's checked thru BI-weekly 2003-25.</p> <p>-----END-----</p> <p>I certify that this engine has been inspected in accordance with a 100-HOUR INSPECTION and was determined to be in an airworthy condition.</p> <p style="text-align: right;"> <i>Mark E. Cadwallader</i> Mark E. Cadwallader AP 327504630 IA </p>

Martin Arzaldi
 Martin Arzaldi
 AP 344688075

YEAR	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.)
06/22	04	TACH HEADS	589.43	TJ, 3593.54 TSMOH, 73 TI CHANGED OIL & FILTER USED CH48108-1 OIL FILTER & 8 QTS 20W50 PHILIPS PHILIPS OIL WASHED & RAN ENGINE <i>WKR Bcd AT 7359381387</i>
08/27	104	TACH HEADS	635.76	TJ, 3639.87 TSMOH, 120.04 CHANGED OIL & FILTER USED 8 QTS 20W50 PHILIPS OIL & CH48108-1 OIL FILTER WASHED & RAN ENGINE <i>WKR Bcd AT 7359381387</i>

YEAR	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.)
				<p>A & M Maintenance Services, Inc. - 1CS Clow International Airport, Bolingbrook, IL.</p> <p>TYPE: C-170A "N" N2645V DATE: 12/22/2004</p> <p>TACH TIME: 666.85 HRS. ENGINE T.T.: 3670.96 HRS. ENGINE TSMOH: 151.13 HRS.</p> <p>At this time the engine was cleaned for inspection. All components were inspected in accordance with an ANNUAL INSPECTION as per Cessna and Teledyne-Continental Service Manuals. The compression was checked with the following results: #1 - 75/80, #2 - 73/80, #3 - 74/80, #4 - 75/80, #5 - 73/80, #6 - 76/80. The engine oil was drained and the oil filter was removed, opened, and inspected... no defects noted at this time. The engine was serviced with 8 quarts of Phillips 20W50 and one Champion CH48108-1 oil filter. The spark plugs were replaced 12ca P/N: REM38E. The ignition leads were cleaned and tested. Magneto to engine tuning was checked and adjusted as needed. Washed and ran engine - no leaks noted at this time. AD96-12-07, effective 07/18/1996, to prevent magneto failure and subsequent engine failure, was complied with at a Tech: 256.0 Hrs. Next due at a Tech of 756.0 Hrs. AD94-05-05R1, effective 02/13/1996, on rocker shaft bosses, is due at overhaul or whenever a cylinder is removed. All AD's checked thru BI-weekly 2004-25. <i>END</i></p> <p>I certify that this engine has been inspected in accordance with an ANNUAL INSPECTION and was determined to be in an airworthy condition.</p> <p><i>M. O. O'Connell</i> Marlina Angarone AP 344688075 IA</p>

YEAR 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.)
				A & M Maintenance Services, Inc. - ICS Clow International Airport, Bolingbrook, IL.
	TYPE: C-170A "N": N2645V DATE: 02/03/2006			TACH TIME: 757.71 HRS. ENGINE T.T.: 3761.82 HRS. ENGINE TSMOH: 241.99 HRS.
				AD94-05-05R1, effective 02/13/1996, on rocker shaft bosses, due at overhaul or whenever a cylinder is removed. All AD's checked thru BI-weekly 2006-02. END
				I certify that this engine has been inspected in accordance with an ANNUAL INSPECTION and was determined to be in an airworthy condition.
				<i>Belinda</i> Troy N. Nowling AP3049098901A

YEAR DATE	DESCRIPTION	REPAIR STATION	DATE	INITIALS
11-22				

MAINTENANCE RELEASE 2645V

UNIT NAME: Magrate SERIAL NO. 118248

PART NO. S6LV-21 (10-51365-39) MFG. Bealix

OVERHAUL REPAIRED TESTED INSPECTED FUNCTIONAL TESTED

The Aircraft component identified above was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Pertinent details of the repair are on file at this repair station under work order # 8573

OWNER: _____ DATE: 10-31-08 SIGNED FOR: Belinda C. Nowling

R L B ACCESSORY SERVICE
971 Babbit Avenue • Addison, Illinois 60101-1221
FAA Approved repair station # KB2R946K

Over

APPROVED FOR RETURN TO SERVICE: _____
DISTRIBUTION TO BE IN APPROVED CONDITION
AD NOTES CHECKED 7/20/09 BY WEEKLY 2008-23
COLLECT AIRLINE TICKETS INCL. St Johnson (Call) 870.210.9820

YEAR	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.)
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The aircraft and/or component identified below was repaired and inspected in accordance with current Federal Air Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under Work Order Number 72315

Engine Model 0-300-A Serial Number: 8705-D-4-2
 Date: 09/08/2017 Signed: *Dennis N. Nelson*



for
 F.A.A. CRS #A2R020L
 1701 E. Main Street
 Griffith, IN 46319
 (219)924-7110

YEAR	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
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YEAR	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
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YEAR	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
09/14/17			15:09:06	DISASSEMBLED, CLEANED, INSPECTED, REPAIRED AS NEEDED, REASSEMBLED, & DYNO TESTED FOLLOWING PARTS:
				Item Num. Description Quantity
				AA44108-2 1 Filter
				CM-6R 1 6-Cylinder Camshaft-Regrind
				RG7596 1 CYL KIT-CYL Model CGIC-L
				0-PARTS 1 Gaskets Primer Filing Scrub
				0-PARTS 1 63414-S ROCKER ARM INT SVCSBL
				0-PARTS 1 35342-S TACH HOUSING SVCSBLE
				0-PARTS 1 21153-S ROCKER SHAFT SVCSBLE
				0-300-A 1 Sump
				SA530213 1 Nut
				0450211-1 1 Bolt
				13-1531-F 1 Filing
				13-158-F 1 Pasteener
				15-B75-F 1 Shaft
				194-593-F 1 Screw
				22532 1 Throttle Gasket
				22530 1 Throttle Assembly
				23411 1 Screw
				24122 1 Hose
				24770 1 Engine Mt Bushing
				30-864-FS 1 Bushing
				470881-R 1 Ring
				530858 1 Ring Assy
				530917 1 Plate
				632292 1 Seal
				632410M010 1 Filing
				64541A1 1 Seal
				653152A1M010 1 Gasket Set
				655012 1 BEARING SET
				78-A110-F 1 Cover-Oil P
				82-11-F 1 Washer Pin
				82-14-F 1 Cotter Pin

*** END OF REPORT ***

YEAR

RECORDING TACH

TODAY'S FLIGHT

TOTAL TIME IN

Description of Inspections, Tests, Repairs and Alterations
Entries must be endorsed with Name, Rating and Certificate Number of

AIRWORTHINESS DIRECTIVE

At date of engine repair

Engine Model: ~~XXXXXX~~

0-300-A

09/08/2017

Authorized Signature:

Dennis Nelson

APPLIC. SB #

ONE TIME

RECURRING

AD & REV#

REV DATE

APPLIC. SB #

ONE TIME

RECURRING

93-11-03

95-21-15

98-17-11

72-06-05 R2

88-02-04

93-18-03

93-19-04

98-01-06

END

M84-15 M88-10

330A

A1-87

MSA-2

CF-1-92 R1

MSA-9

X

X

X

X

X

X

X

X

YEAR

RECORDING TACH

TODAY'S FLIGHT

TOTAL TIME IN

Description of Inspections, Tests, Repairs and Alterations
Entries must be endorsed with Name, Rating and Certificate Number of

COMPLIANCE RECORD

S/N 8705-D-4-2

C/W complied with, P/C/W previously complied with, N/A not applicable

W/O 72315

CRS MW2R020L

Dennis Nelson

N/A by engine S/N

N/A by engine model

C/W visual inspection

P/C/W

N/A by P/N

P/C/W

N/A by P/N

P/C/W

END

