Aircraft:	$\langle V^{-6} \rangle$				
Serial Number:	20999 Registra	ion Number: N134	70		
Aircraft Owner:	Brooks Me		38	N1345B — KLMC	
Date of Inspection	1: 05/07/2019	Location of Inspection:	KLMO .	- KLMC	
7	Total Airframe Hours:	1493.2			
	Total Engine Hours:	1493.2		Walter Street	
	Total Propeller Hours:	11 /		INSTALLED - 126 = 1481.	1
		11.6		1, 2, 1, 2, 2, 3, 1, 2, 3, 1, 2, 3, 1, 2, 3, 1, 2, 3, 1, 2, 3, 1, 2, 3, 1, 2, 3, 1, 2, 3, 1, 2, 3, 1, 2, 3, 1, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3,	6
Inspection Perform	med By:	Certificate:		A STATE OF THE STA	
Preparation -	- Inspection Consuma	bles			
Oil		······································			
Oil filter					
Oil samp					
Spark plu				100	
ELT batt					
	note battery		47		
	recharge kit			A STATE OF THE STA	
Brakes	ge and				
Tires/tub	es				
Wheel be	earing grease	Marine and Marine			
Gasket h		State of the second		75	
Light lub					
Time-limited i	tems	# · · · · · · · · · · · · · · · · · · ·			
	teries (replace every 2 years)	Las	t inst. date	Last inst. HOBBS	
	note battery (replace every 2		-,		
	encoder & transponder certif				
	encoder & transponder certif	77 T. 1 T.	J - 177 4 4 5 1		
		Conference of the second			
Empennage &	Fuselage Group				
1)	Remove empennage	fairing, fuselage insr	ection cove	rs. wing root fairings	
	seats, baggage panel	s f/r, front floorboard	1	o, wing root lainings,	
2)	Inspect vertical stabili	zer and horizontal st	abilizer spar	attach points	
3)	Inspect elevator horns	and attachments, a	ind rear fuse	bulkheads area	
,	lubricate rod end bear	rings		a samuel de di od,	
4)	Inspect rudder and ve	rtical stabilizer for co	orrosion and	condition	
5)	Inspect rudder attach	bearings for condition	n/security. I	ubricate	
<b>V</b> 6)	Inspect rudder contro	stops and cable atta	achments fo	r security and cotter pin	
7)	Inspect rudder light w	ire for chafing		, socially and coller pin	
8)	Inspect horizontal stal	oilizer and elevators	for corresion	and condition	
<b>V</b> 9)	Inspect elevator attac	h bearings for condit	ion/security	lubricate	
10)	Inspect elevator coun	terbalance weights f	or security	identicate	
V 11)	Inspect elevator trim t	ab, arm, and actuate	or rod		
V 12)	Inspect static ports ar				
13)			ulkheade fo	r cracking, damage, or	
	corrosion, inspect all v	viring & nlumbing	AIRI ICAUS IU	i cracking, damage, or	
√ 14)	Inspect elevator bellcr		cate rod and	hoorings	
	speed die valor belief	arm assembly, lubill	Jale Iou ellu	Dearings	

		AND THE PROPERTY OF THE PROPER
		Re-install rear baggage panels Reinstall empennage fairing and rear inspection plates
		Tremstall emperinage failing and real inspection plates
La	nding Gear G	Group
,	17) 18) 19) 20) 21) 22) 23) 24) 25) 26) 27) 28) 29) 30)	Remove wheel pants, upper intersection fairings, gear attach covers Inspect wheel pants and fairings for cracks, wear, loose or missing fasteners Jack plane at tiedown points  Remove brake assemblies and wheels Inspect tires for wear and cracks, rotate if indicated, replace if necessary  Check brake cylinders for condition and leaks  Check brake lines for security and chafing Inspect brake linings for wear and condition, re-line if necessary  Re-pack wheel bearings (hi-temp disc brake grease)  Clean axle/brake area  Clean and re-mount wheels and brake assemblies including cotter pin  Check/set tire air pressure: 26-33 psi L=27.5 fs/ R=29.5 fs/  Clean wheel pants and re-install  Inspect gear attach bolts for proper torque
	31)	Inspect fuel vent ports for security and condition
	32)	Re-install gear attach covers, upper intersection fairings, wheel pants
V	/ing Group	
	33) 34) 35) 36)	Remove wing inspection plates Inspect entire wing structure internally for cracks and corrosion including fuel tank attach bolts Inspect aileron control mechanism (push tubes, rod end bearings, bellcrank) for condition/security, lubricate rod end bearings Inspect wing root area including electrical connections and plumbing
	37) 38) 39) 40) 41)	Inspect entire wing structure externally for cracks and condition Inspect fuel cap and O ring condition Inspect aileron attach bolts/brackets for security, lubricate rod end bearings Inspect aileron control stops for security Inspect pitot tube and plumbing for security and blockage
. (	42) 43) 44) 45)	Extend flaps, inspect flap actuator rods and attachment hinge for operation and security, lubricate rod end bearings Inspect strobe/nav lights for security and operation Inspect landing lights for security and operation Reinstall inspection plates and wing root fairings

Cabin Group	
<del>*</del> 46)	Check/change ELT batteries, verify operation, armed
	Inspect ELT antenna
	Inspect EET afterma Inspect flap <del>meter</del> mechanism & wiring for damage and proper operation,
	lubricate rod end bearing
	Inspect condition of seat harnesses and attachments
	Inspect rear flight controls, lubricate rod end bearings
	Inspect rear pax footwell area including spar bolts, antennas, wing wiring
. /	connections
	Inspect fuel selector valve, fittings, fuel lines
	Inspect fwd flight control mechanism, lubricate rod end bearings
	Inspect landing gear mounts and mounting hardware-
55)	Check general condition under panel for loose wires, chafing, etc.
56)	Check all avionics and instruments for mounting security
57)	Check cabin heater and controls  Check rudder pedals and brake cylinders for operation and leaks  ON FIREMAL (AVA. Check battery well area: battery cables and all wires
58)	Check rudder pedals and brake cylinders for operation and leaks on FIREMAL (ANG.)
59)	Check battery well area: battery cables and all wires
60)	Inspect left fwd footwell area: aux fuel pump, firewall penetrations, wire
40%	bundles, fuel lines, vent tubes
<u>/</u> 61)	Inspect canopy structure and mechanism for security and wear
62)	Inspect canopy and windshield for cracks
√ 63)	Check fire extinguisher condition
64)	Verify spare fuses available in pilot storage bin
65)	Re-install interior floor panels, seats, flap covers, and seat cushions
<b>Propeller Grou</b>	
66)	Remove spinner noting orientation
V 67)	Inspect spinner and backplate for cracks of damaged
<del>V</del> 68)	Inspect prop hub for cracks or leaks
69)	Inspect crankcase nose seal for oil leaks
70)	Inspect blades for nicks, cracks and/or surface erosion, repair as necessary
71)	Re-install spinner
<b>Engine Group</b>	
Service items:	
<u>√</u> 72)	Remove engine cowl
73)	Clean cowling interior and inspect for cracks, distortion, loose or missing
	fasteners, heat damage
74)	Drain engine oil
N/A 75)	Remove spin-on oil filter, replace and safety wire
P/A- 76) -	Cut open oil filter, inspect for particles
77)	Refill engine with oil per lubrication chart
78)	Remove plugs noting current installed location
79)	Inspect spark plug condition, clean, re-gap to .018"
80)	Perform leakdown compression test:
	1 72/80 #2 79/80 #3 78/80 #4 19/80
81)	Rotate spark plug position/polarity, apply anti-seize, reinstall, torque to 35 ft.
<u>-v</u> -01)	lbs.
N/A 82)	Remove carbureter air box and carbureter heat attachments
1-1-0	Service K&N air filter element
<u>N/A</u> 83)	Painstell air hay and all attachments

/ 05\	Remove and clean carburetor inlet strainer
85)	
86)	
87)	Check exhaust system and mounting brackets for cracks
88)	Check exhaust system and mounting puts
89)	Retorque exhaust mounting nuts
	il a company of the c
Inspection iter	Inspect accessories on rear engine case for security and leaks including: oil
90)	temp sender, oil pressure sender, magnetis
	fittings, crankcase breather
91)	fittings, crankcase breather Inspect oil cooler condition including fins for damage or blocking, lines for leaks and/or chafing 74 M / 5 ?
<b>1</b> 92)	Inspect ignition harness, springs and insulators for condition
93)	
94)	Inspect alternator: mounts, lead connections, bott occurred
95)	to a set planum/hofflo for damade 200 dll 15dN2
96)	
× V 97)	Inspect all firewall penetration seals (40%) Cabbo
98)	Inspect fuel lines for condition, chainly, and signs of found
99)	I wire bundles for security and challed
100)	
<u> </u>	and chafing
Section 1	
Operational In	spection
101)	Verify all inspection panels and fairings secure
102)	Brake system check
Test run engine	
( 103)	Check oil pressure/temperature within limits
104)	Check aux fuel pump for proper fuel pressure
105)	Check ignition switch, both magnetos grounded check
106)	Check alternator shut off operation
107)	Check fuel gauges for operation
108)	Magneto check
109)	Check static run up
	Check for proper idle RPM
111)	Check RPM rise upon leaning mixture
112)	Check fuel selector for engine shutoff
After shutdown:	
	Inspect fwf area for fuel, oil, and hydraulic systems for leaks
	Re-install cowling
Field and Selferia	
. 1977	

115) Verify R	Registration, Airworthiness Certificate, and Operating Limitations in	
aircraπ	xternal data plate secure and installed	
117) Verify E	XPERIMENTAL placard installed in cockpit	
118) Verify P	PASSENGER WARNING placard installed in cockpit	ust
120) Verify e	re-flight checklist and Pilot's Operating Handbook in aircraft	usi
121) Review	Airworthiness Directives for applicability and compliance	
122) Review	Service Bulletins/Letters for compliance	
124) Docume	altitude encoder & transponder certification (every 24 months) ent Condition Inspection and record maintenance performed in airfi	ame
	gine logs	
NOTES:		
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g(css com link	els (Rick Hell)	
RESTAL FIREW	ALL THROUGH-LINES	
- 600000 2001		
	RSPIACE ALTGRNATOR BOLT	
	SAK ON OIL PRESSURE SENDER	
- POSSIBLE OIL L		
- POSSIBLE OIL L	SAK ON OIL PRESSURE SAMOBR	
- POSSIBLE OIL L		
- POSSIBLE OIL L	SAK ON OIL PRESSURE SAMOBR	