Date: 7/1/05 Tach: LYCOMING IO-360-A2B

SN L-3664-SIA DISASSEMSIGO DUR TO BROKEN

THIROUGH BOLT, CRANKSHAFT GROUND TO M.O3', CRANKASE

OVERHAULED BY CSI, ENGINE REASSEMBLED 1/A/W LYCOMING

OVERHAUL MANUAL, INST. NEW MAIN & ROD BROSS, ROD

NUTS & BOLTS, CAMBRAFT, TAPPETS, PISTONS, RINGS, EXH &

INT. GUIDES, FUEL INJECTION NORTH & SPARE PLUSS

Zephyr Aircraft Engines, Inc.

Municipal Airport 39320 B Avenue • Zephyrhills, FL 33542

W.O. No. 25127

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F.A.A. APPROVED REPAIR STATION #VI4R597M

authorizea signature

C-WINGS, INC.

"Serving Florida Aviation Over: 7/22/05 N3670Q Lycoming I0-360-A2E Tach: 1946.75 TSMOH

Installed repaired engine from Zephyr (see last entry). Installed for hoses). All engine attach hardware to mount was replaced by mount isolators were replaced by Lord mount. Exhaust riser was muffler was overhauled P/N 169-9500 14-49 worked performed to 8130's). Engine controls were checked for travel and cushion all engine cowling were cleaned and installed. Engine was ground reperimeters were checked for proper operation all check O.K.

All worked was performed I/A/W Beechcraft A23-24 Maintenar

Raymond Keith Exum A&F

LYCOMING IO-360-AZB
EMSIGO DUE TO BROKEN
HAFT GROUND TO M.O3", CRANECASE
NE REASSEMBLED 1/A/W LYCOMING
J. NEW MAIN & ROD BROS ROD
TAPPETS, PISTONS, ZINGS, EXHS
in NOZZLes & SPARZE PLUJS
C.
7M Authorized Signature

C-WINGS, INC.

"Serving Florida Aviation Over 55 Years"
7/22/05 N3670Q Lycoming I0-360-A2B S/N L-3664-51A
Tach:1946.75 TSMOH: 490.85

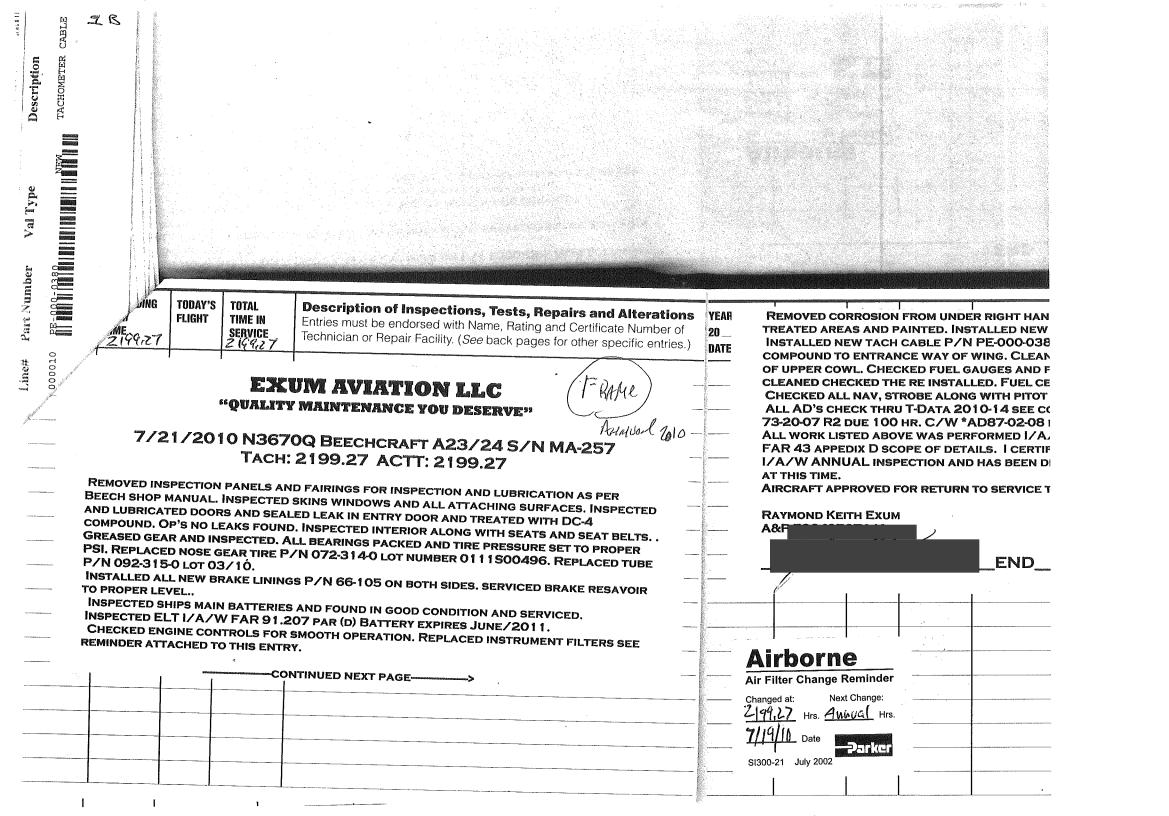
Installed repaired engine from Zephyr (see last entry). Installed all new fluid lines (see paper work for hoses). All engine attach hardware to mount was replaced by Beechcraft P/N. All engine to mount isolators were replaced by Lord mount. Exhaust riser was repaired P/N 169-9500 15-13 and muffler was overhauled P/N 169-9500 14-49 worked performed by Aerospace Welding, Inc.(See 8130's). Engine controls were checked for travel and cushion all O.K. Propeller installed and engine cowling were cleaned and installed. Engine was ground run for leak check and all engine perimeters were checked for proper operation all check O.K.

All worked was performed I/A/W Beechcraft A23-24 Maintenance Manual.

Raymond	Keith Exun		
, /		<i>J</i> .	
			-

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ı or Repair



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of Inspections, Tests, Repairs and Alterations endorsed with Name, Rating and Certificate Number of lepair Facility. (See back pages for other specific entries.)	PEAR REMOVED CORROSION FROM UNDER RIGHT HAND WING STALL TAB AND AROUND ELT ANTE TREATED AREAS AND PAINTED. INSTALLED NEW FLAP SPRING P/N 100942BB1003-84. INSTALLED NEW TACH CABLE P/N PE-000-0380. CLEANED AND APPLIED WING WALK COMPOUND TO ENTRANCE WAY OF WING. CLEANED OUT FORWARD WATER DRAINS ON TOP OF UPPER COWL. CHECKED FUEL GAUGES AND FOUND O.K. LEFT SENDER STICKING AND WATER DRAINS ON TOP OF UPPER COWL. CHECKED FUEL GAUGES AND FOUND O.K. LEFT SENDER STICKING AND WATER DRAINS ON TOP OF UPPER COWL.	AFT
STION LLC	CLEANED CHECKED THE RE INSTALLED. FUEL CELL LEAK CHECKED NO LEAKS FOUND. CHECKED ALL NAV, STROBE ALONG WITH PITOT HEAT, STATIC PORT AND STALL ALL CHEK CALL AD'S CHECK THRU T-DATA 2010-14 SEE COMPLIANCE IN AIRCRAFT RECORDS. C/W *	э.к.
NCE YOU DESERVE"	73-20-07 R2 DUF 100 HR. C/W *AD87-02-08 NEXT DUE 100 HR.	
,	ALL WORK LISTED ABOVE WAS PERFORMED I/A/W BEECHCRAFT A23/24 SHOP MANUAL FAR 43 APPEDIX D SCOPE OF DETAILS. I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECT	AND ED
CRAFT A23/24 S/N MA-257	I/A/W ANNUAL INSPECTION AND HAS BEEN DETERMINED TO BE IN AN AIRWORTHY COND	ITION
ACTT: 2199.27	AT THIS TIME. AIRCRAFT APPROVED FOR RETURN TO SERVICE THIS DATE.	
R INSPECTION AND LUBRICATION AS PER	,	
NS AND ALL ATTACHING SURFACES. INSPECTED	RAYMOND KEITH EXUM	
TRY DOOR AND TREATED WITH DC-4		
NTERIOR ALONG WITH SEATS AND SEAT BELTS PACKED AND TIRE PRESSURE SET TO PROPER —		
) LOT NUMBER 01 1 1 S00496. REPLACED TUBE	END	Rentmen
/ LOT MONDER OF THE CO.		
5 ON BOTH SIDES. SERVICED BRAKE RESAVOIR		
IN GOOD CONDITION AND SERVICED. ATTERY EXPIRES JUNE/2011.		
RATION. REPLACED INSTRUMENT FILTERS SEE		
	Airborne	
	Air Filter Change Reminder	
T PAGE	Changed at: Next Change:	
	2/94,27 Hrs. Award Hrs.	
	7/19/10 Date	

Si300-21 July 2002

A CAMBRIAN COMMENTS

RECORDING TODAY'S TOTAL	
EXUM AVIATION LLC	VISUAL INSPECTION OF CLAMPS AND AS PER PAR NOT INSTALLED.
7/21/10 N36700 10-360-A2B S/N L-3664-51A A HUAL	I CERTIFY THAT THIS ENGINE HAS BEEN INSPECT AND HAS BEEN FOUND TO BE IN AN AIRWORTHY FINGING APPROVED FOR THE PROPERTY OF T
7/21/10 N3670Q IO-360-A2B S/N L-3664-51A TACH: 2199.27 TSMOH: 743.37 DRAINED OIL AND TOOK MID STREAM SAMPLE FOR ROUTINE ANALYSIS. INSTALLED	RAYMOND KEITH EXUM
NEW CHAMPION OIL FILTER P/N CH48109-1 AND SERVICED ENGINE WITH 8 QUARTS OF PHILLIPS 20/50 XC OIL. CUT OPEN FILTER NO METAL FOUND. CLEANED CHIP	FND
DETECTOR AND RE INSTALLED. LUBED STARTER I/A/W MANUFACTURE INSTRUCTION CHECKED MAG TIMMING AND FOUND CORRECT. CLEANED GAPPED AND REPLACED SPARK PLUGS. CLEANED INSPECTED FUEL INJECTORS AND RE INSTALLED.	ONS. –
REPLACED INDUCTION AIR FILTER P/N BA-3. INSTALLED NEW TACH CABLE P/N PE 000-0380. INSPECTED ENGINE MOUNT AND ALL ATTACHING PARTS NO FAULTS FOUN	E ND.
COMPRESSIONS ARE AS FOLLOWS #1 75/80 #2 73/80 #3 76/80 #4 75/80. ENGINE WAS GROUND RUN LEAK CHECKED AND ALL PERIMETERS CHECK O.K. ALL WORK LISTED ABOVE WAS PERFORMED I/A/W BEECHCRAFT A23/24 SHOP	
MANUAL AND FAR APPENDIX D SCOPE OF DETAILS. ALL AD'S CHECK THRU T-DATA 2010-14 SEE IN AIRCRAFT RECORDS.	
CONTINUED NEXT PAGE>	
·	

EXUM AVIATION LLC MAINTENANCE YOU DESERVE"

670Q IO-360-A2B S/N L-3664-51A
: 2199.27 TSMOH: 743.37
REAM SAMPLE FOR ROUTINE ANALYSIS. INSTALLED
I CH48109-1 AND SERVICED ENGINE WITH 8 QUARTS
I OPEN FILTER NO METAL FOUND. CLEANED CHIP
.UBED STARTER I/A/W MANUFACTURE INSTRUCTIONS.
UND CORRECT. CLEANED GAPPED AND REPLACED
:TED FUEL INJECTORS AND RE INSTALLED.
ER P/N BA-3. INSTALLED NEW TACH CABLE P/N PEMOUNT AND ALL ATTACHING PARTS NO FAULTS FOUND.
NS #1 75/80 #2 73/80 #3 76/80 #4 75/80.
K CHECKED AND ALL PERIMETERS CHECK O.K.
PERFORMED I/A/W BEECHCRAFT A23/24 SHOP
SCOPE OF DETAILS. ALL AD'S CHECK THRU T-DATA
ORDS.

ONTINUED	NEXT	PAGE	>
Annual definition of the second secon	Yearnings on the control of the cont	Charles and the second	1

- - - - -	VISUAL INSTA	SPECTI ALLED. 'THAT' BEEN F APPROV	ON OF CL THIS ENG! OUND TO ED FOR R	PROP STRIKE OR SUDDEN STOPPAGE. C/W *ADO8-14-07 BY LAMPS AND AS PER PAR (J). C/W *ADO9-26-12 FOUND PARTS GINE HAS BEEN INSPECTED I/A/W AN ANNUAL INSPECTION DIE IN AN AIRWORTHY CONDITION AT THIS TIME. RETURN TO SERVICE THIS DATE.	
_					
				© AS	SA 1993

Engine Record General Information		
Manufacturer <u>270mis</u>	Model <u>To</u> -	· 360 ~ AQB
Serial <u>A 3664-514</u>	ту	pe Certificate
This engine is currently installed in aircra	aft N 36 70 Q	
	.	
Ainimum Octane Fuel	Oil Grade: Summer	Winter
Aagneto Time	Point Setting	Firing Order
Spark Plug Gap		
Manufacturer recommended overhaul at .	hours	



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Evan: One part dd

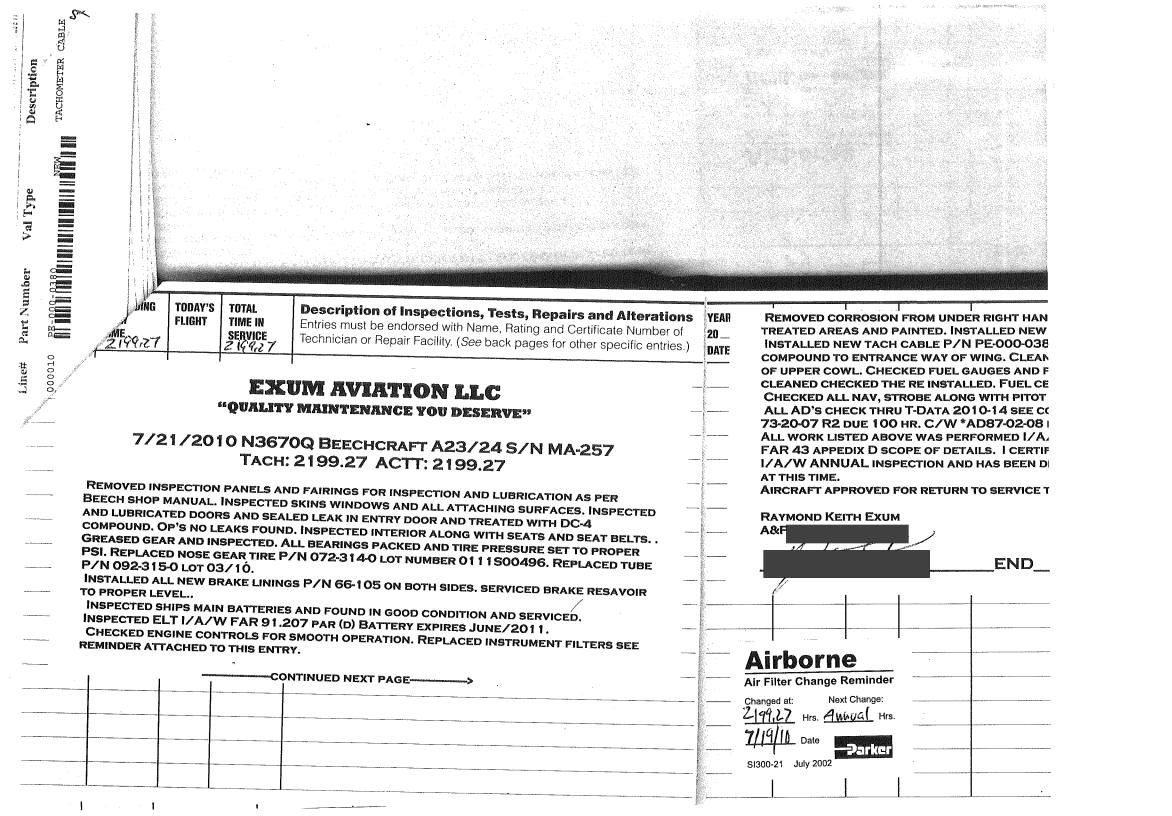
DATE 1997	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
02-05-97	1476.01	, description (1)	1476.01	REMOVED ENGINE DUE TO ENGINE SIEZED IN FLIGHT,
				PERFORMED ENGINE TEARDOWN & THSPECTION, ENGINE MAJOR
				OVERHAULED IN ACCORDANCE WITH TEXTRON LYCOMING
				DIRECT DRIVE ENGINE OVERHAUL MANUAL #60294-7-7 AND
				APPLICABLE S.I, S.B. & A.D.S, REPLACED CRANKSHAFT NITH
2				SERVICEABLE CRANKSHAFT (STO ON MAIN'S & ROD'S) FROM AIRCRAFT
				SPECIALTIES SERVICES - SEE YELLOW TAG, FOR DETAILS, W.O. #
				85356, REPLACED ALL 4 ROD'S DUE TO OLD ROD'S FOSFIER,
				REPLACED WITH # LW 10646 ROD'S SEE YELICUTAG FOR DETAILS
				W.O. \$ 85933, INSTALLED OVERHAULD CAMSHAFT SEE YELLOW
				TAG W.O. # 85511, INSTALLED OVERHALED ROCKER ARM'S SEE
© ASA 1993				VELLOW TAG WO # 85514, CRANKSHAFT GOAR INSPECTED &

		1		
19 <u>4</u>]	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Descr i Entries Facility.
**************************************	CONT "		Marie Marie Constitution of the Constitution o	REPAIR
			hage and the same	FLUXED
			***********	YELLOW
				PER ST
		7		REWORK 1750
				BEARIN
				GEAR 1
				EXHAUS
				SHAFTS
				\$ SPRI
				SPRING

on of Inspections, Tests, Repairs and Alterations t be endorsed with Name, Rating and Certificate Number of Technician or Repair	DATE 19 43	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.)
back pages for other specific entries.)					REPAIRED SEE YELLOW TAG W.O. #85511, INTERNAL STEEL MAGNA-
ENGINE DUE TO ENGINE SIEZED IN FLIGHT,		COUT.			FIUNED SEE YELLOW TAG WIO, #85511, CRANKCASE REPAIRED, SEE
O FNGINE TEARDOWN & INSPECTION, ENGINE MAJOR					YELLOW TAG CHUCK NIEH ENTERPRISES, INVOICE \$8687 CASE MODIFIED
ED IN ACCORDANCE WITH TEXTRON LYCOMING					PER SIT.C. SEB6285W NEY NOZZECS INSTALLED. AL CHLINDERS
RIVE ENGINE OVERHAUL MANUAL # GO294-7-7 AND					REWORKED TO P. O.10 THRU STUD ASSEMBLYS, SEE TAG INVOICE #
E S.I, S.B. & A.D.S, REPLACED CRANKSHAFT WITH			/		1750, THE FOLLOWING PARTS INSTALLED NEW, ALL MAIN & ROD
BLE CRANKSHAFT (STO ON MAIN'S & ROD'S) FROM AIRCRAF					BEARINGS, ROD BOLTS, ROD NUTS, ROD BUSHINGS, CRANKSHAPT
TIES SERVICES - SEE YELLOW TAG, FOR DETAILS, W.O. "					GEAR LOCK PLATE & BOCT, ALL TAPPETS, PUSH RODS, VALUES TUTTAKE &
REPLACED ALL 4 ROD'S DUE TO OLD ROD'S FORFIER,					EXHAUST, VALUE SPRINGS, SEATS, GUIDES, KEEPERS, CAPS, ROCKER
WITH # LW 10646 ROD'S SEE YELLOW TAG FOR DETAILS					SHAFTS, RETENS P.O.10, RETEN P.N'S & CARS, RING'S, P.R.V. BALL & SPRING, CASE PLEMENT & ADTABLE P.R.V. CAP INSTALLED,
3933, JUSTALLED OVERHAULD CAMSHAFT SEE YELLOW					& SPRING, CAGE REMOVED & ADJABLE P.R.V. CAP INSTALLED,
. # 85511, INSTALLED OWERHALLED ROCKER ARM'S SEE					SPRING SIGNE REPLACED THEMMED NEW MAG KIT SLICK PINKYSOT
TAG W.O.# 85514, CRANKSHAFT GEAR INSPECTED &		And the second s	***************************************		@ASA 1993) CONT.

1997_	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.)
en a server soprage (Charles and Alles 	CONT		>	INSTALLED NEW OIL PUMP DRIVE SHAFT, BODY, GEAR KIT,
	3		1 13	GASKETS & OIL DRAIN HOSES, LOCKING PLATES & INTERNAL
	1	2	3	HARDWARE ALL NEW, CLW A.D. # 91-14-22 CRANKSHAFT GEAR,
		0 8	ATTK	Clas A.D. 93-02-05 FUEL TUTECTOR LINES, Clas A.D. 96-09-100
	A		Ž	OIL PUMP GEARS, ENGINE INSPECTED DER FAR. 43 APPENDIX"D" &
	48	2		DAKOTA RIDGE CHECKLIST, SEE A.D. LOG FOR COMPLIANCE, GROWN
	107	<u> </u>	ر هِ لَا اللَّهِ الل	RUN & LEAK CHECK ALL O.K. SIBRUICED ENGINE WITH 8 075.
	Ú É	ASI	#7 6 G	PHILLIPS MINIERAL 20 450 OIL ALL SPARKPLUSS NEW. ENGINE
	善员		र् इंट्र	REQUIRES TEST FLIGHT PER FAR. 91.407 & LOG ENTRY MADE
	NS.	Z Z Z		SHE ALL YELLOW TAG'S & MAINTANCE RELEASES TO ELSEWARE
	> T	犯憲		IN RECORDS. 337 FOR NEW NOZZLES IN RECORDS A
***************************************	KEN KS 8	250 E		

19 4 7	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Entries must be endorsed with Na Facility. (See back pages for other
2/7	1477.32			ArrivAff RST From
				Arricaff TRST From
		,		
				and the contract of the contra



REMOVED CORROSION FROM UNDER RIGHT HAND WING STALL TAB AND AROUND ELT ANTENNA. of Inspections, Tests, Repairs and Alterations YEAR TREATED AREAS AND PAINTED. INSTALLED NEW FLAP SPRING P/N 100942BB1003-84. endorsed with Name, Rating and Certificate Number of 20___ INSTALLED NEW TACH CABLE P/N PE-000-0380. CLEANED AND APPLIED WING WALK Repair Facility. (See back pages for other specific entries.) COMPOUND TO ENTRANCE WAY OF WING. CLEANED OUT FORWARD WATER DRAINS ON TOP AFT DATE OF UPPER COWL. CHECKED FUEL GAUGES AND FOUND O.K. LEFT SENDER STICKING AND WAS CLEANED CHECKED THE RE INSTALLED. FUEL CELL LEAK CHECKED NO LEAKS FOUND. CHECKED ALL NAV, STROBE ALONG WITH PITOT HEAT, STATIC PORT AND STALL ALL CHEK O.K. ATION LLC ALL AD'S CHECK THRU T-DATA 2010-14 SEE COMPLIANCE IN AIRCRAFT RECORDS. C/W *AD 73-20-07 R2 DUE 100 HR. C/W *AD87-02-08 NEXT DUE 100 HR. INCE YOU DESERVE" ALL WORK LISTED ABOVE WAS PERFORMED I/A/W BEECHCRAFT A23/24 SHOP MANUAL AND FAR 43 APPEDIX D SCOPE OF DETAILS. I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED CRAFT A23/24 S/N MA-257 I/A/W ANNUAL INSPECTION AND HAS BEEN DETERMINED TO BE IN AN AIRWORTHY CONDITION ACTT: 2199.27 AIRCRAFT APPROVED FOR RETURN TO SERVICE THIS DATE. OR INSPECTION AND LUBRICATION AS PER WS AND ALL ATTACHING SURFACES. INSPECTED RAYMOND KEITH EXUM **4TRY DOOR AND TREATED WITH DC-4** NTERIOR ALONG WITH SEATS AND SEAT BELTS. . PACKED AND TIRE PRESSURE SET TO PROPER **UD**) LOT NUMBER 01 1 1 S00496. REPLACED TUBE 5 ON BOTH SIDES. SERVICED BRAKE RESAVOIR IN GOOD CONDITION AND SERVICED. ATTERY EXPIRES JUNE/2011. RATION. REPLACED INSTRUMENT FILTERS SEE Airborne Air Filter Change Reminder T PAGE---Changed at: 2/99,27 Hrs. Annual Hrs. SI300-21 July 2002

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