ENGINE LOG LOGWI



BOB WESSLEY
713-469-7814

G & N AIRCRAFT, INC. / Limited Piston Engine Warranty

Effective 1/4/88. G & N Aircraft, Inc., (hereinafter "G & N") makes the following warranty to its customer, subject to the limitations, conditions and exclusions set forth helow.

WARRANTY COVERAGE- For a period of six (6) months after date of delivery to customer, or 240 hours of operation, whichever occurs first, C & N Aircraft, Inc. shall repair or replace, at its option, any aircraft engine, accessory, or part which is found to be defective, to G & N Aircraft, Inc.'s satisfaction, within said warranty period.

For engine warranty after six (6) months from date of delivery to customer and prior to the expiration of 1000 hours, the cost of repair or replacement (including the cost of parts and labor), at G&N Alcraft, Inc.'s option, shall be prorated in the following manner. The customer shall paythe net price for a newly remanufactured engine equal to the current list price to the engine divided by 1000 hours, and then multiplied by the number of thours on the regaited or replaced engine (which shall be deemed the greater of the actual logbook hours, recorded tachometer hours or hours or time at forty (40) hours per month from the date of delivery). Reasonable labor costs associated with the repair of a warranteed engine shall be prorated in the same manner on the Gasis of a flat rate schedule established by G&Naircaft.

After the initial six (6) months from date of pelivery or 240 hours of operation, G& N Aircraft, Inc. will not assume any responsibility for the repair or replacement of engine accessories. E. C. magneto, starter, alternator, ignition harness, turbocharger, etc.

Replacement parts supplied for warranteed engines still covered by manufacturer's warranty are supplied on an exchange basis. G&N Aircraft, Inc. will pursue warranty claims with the manufacturer on the owner's behalf. Any allowance by the manufacturer will be credited to the operator's account.

CONDITIONS AND PROCEDURESFOR OBTAINING WARRANTY WORK- The foregoing warranty shall be effective only if the engine or component to be serviced is returned to G & N Aircraft, Inc.'s facility at customer's expense, together with particulars in writing of the nature of the defect. The customer or his representative should contact G & N Aircraft, Inc. for verification and authorization of warranty prior to return and/or repair. Written authorization must be obtained from G & N Aircraft, Inc. he fore repairs covered by warranty can be performed other than by G & N Aircraft, Inc. In no event shall allowable labor costs exceed

Warranty No. 37844 18 Engine Serial No. 1-21939-40A

Aircraft Registration No.

local published shop rates. The foregoing warranty shall apply if and only if the engine has been properly installed and maintained in accordance with current approved standards of the FAA and current recommendations of the manufacturer as specified in applicable factory manuals and service bulletins. The performance of recommended inspections and maintenance must be documented by logbook entries which must accompany any engine returned for warranty work. Defects must be discovered within the warranty period and C & N Aircraft, Inc. must be given prompt notice thereof in writing, within ten (10) days after discovery.

LIMITATIONS, EXCLUSIONS, AND DISCLAIMERS - G. & N Aircraft, Inc. shall not assume freight charges, transportation or delivery expenses, costs, or airframe repairs, all of which are excluded under this warranty, G. & N Aircraft, Inc. does not warrant parts, materials or services supplied which are covered by manufacturer's warranty. This warranty shall not apply to any engine which has been subject to misuse, neglect, accident or damage from the elements, or which has been installed, repaired or maintained or altered in any manner which, in the judgement of G. & N Aircraft, Inc. has had an adverse effect on the engine or part. This warranty shall not apply to any engine which has been operated under conditions which exceed the manufacturer's recommendations. This warranty shall not apply to any engine which has been repaired or altered, in any manner other than by G. & N Aircraft, Inc. or it's representative.

THE FOREGOING WARRANTY IS IN HEU OF ALL OTHER WARRANTIES OR REPRESENTATIONS. EXPRESS OR IMPLIED, ARISING BY OPERATION OF LAW OR OTHERWISE, INCLUDING WITHOUT LIMITATION THE WARRANTY OR MERCHANTABILITY OR FITNESS FOR PARTICULAR PURPOSE WHICH WARRANTY OR FITNESS FOR PARTICULAR PURPOSE WHICH WARRANTIES ARE HEREBY EXCLUDED. G & N Aircraft, inc.'s liability hereunder shall be limited to the repair or replacement of any engine or part found to be defective within the applicable warranty period as set forth above. IN NO EVENT SHALL C & N AIRCRAFT, INC. BE LIABLE FOR CONSEQUENTIAL OR INCIDENTAL DAMAGES OR ECONOMIC LOSS OF ANY NATURE WHETHER ARISING IN CONTRACT OR TORT, INCLUDING STRICT LIABILITY IN TORT OR NEGLIGENCE ON THE PART OF G & N AIRCRAFT, INC. The foregoing limitations and exclusion with respect to implied warranties, and the exclusion of incidental or consequential damages may not apply in those states which prohibit such limitations or exclusions. This warranty gives customer specific legal rights, and the customer may have other rights which vary from state to state.

G & N AIRCRAFT, INC

1701 East Main Street Griffith, Indiana 46319 Tel: (219) 924-7110

This is to certify that the engine described hereafter has been overhauled to manufacturer's new parts limits

Engine disassembled, cleaned, inspected and reassembled in accordance with manufacturer's overhaul instructions. All steel parts magnafluxed. Engine test run in F.A.A. approved test cell. All applicable Airworthiness Directives and Manufacturer's Service Bulletins are in compliance. A description of these repairs is on file at this agency under:

G & N AIRCRAFT, INC.

1701 East Main St., Griffith, IN 46319 Telephone: (219) 924-7110

C.R.S. #3125

DATED MAY 25, 1988

MODEL 0-540-J345D

Time in svc. 1568, 9 /u,

The Accessories Listed Below Were Overhauled and Supplied With This Engine ENGINE LUC. 0-540-JBA5D SN L-21939-40A DATE MAY 25, 1988 MAG 10-382560-11 28989 None PROPELLER None Nove PROP.GOV. None None ALT./GEN. TACH.GEN. == INT/CARB. 10-5054 BZ-16-1932 None TURBO CHARGER None None FUEL PUMP WASTE GATE STARTER MZ4222 HONE 3M 000261 Vone CONTROLLER None None VAC.PUMP CONTROLLER None Nove HYD.PUMP RFI VALV G & N AIRCRAFT, INC. 1701 East Main St., Griffith, IN 46319 Authorized Signature C.R.S. #3125 Telephone: (219) 924-7110

Total To Carry Forward



TYPE	Piper PA28-236
N#	8117Z
S/N	28-8011026
ENG.	LVC 0-540-J3A5D
S/N	L-21939-40A

FRANKFORT AVIATION SERVICE, INC.
FRANKFORT AIRPORT, FRANKFORT, ILL. 60423
AUTHORIZED CESSNA DEALER
ENGINE LOG BOOK INSERT

DATE 6-10-88 W.O.# 6999 T.T. 1568.9 TSMOH 0.0 REC. HR METER 1568.9

The engine was reinstalled after being overhauled by G & N Aircraft, Inc. New engine mounts and fuel pump were installed and new fluid at lines were fabricated and installed. Alternator, vacuum pump and properties governor were reused. Both the propeller and propeller governor were not to Aircraft Propeller Service, Inc., to be flushed. (See service tags) agine was serviced with 12 quarts of Phillips 20w50 type "M" mineral oil. It baffles were checked and repaired as needed. All components were installed ith new gaskets and hardware as needed. Repaired caburetor air box by replacing bushings and bolts as required. Engine was checked for proper coepation and test flown.—End—

Nelson E. Cadwallader A&P327504630 TYPE Piper PA28-236 N# 81177 S/N 28-8011026 ENG. Lyc. 0-540-J3A5D S/N L-21939-40A FRANKFORT AVIATION SERVICE, INC.
FRANKFORT AIRPORT, FRANKFORT, ILL. 60423
AUTHORIZED CESSNA DEALER
ENGINE LOG BOOK INSERT

DATE 6-10-88
W.O.# 6999
T.T. 1568.9
TSMOH 0.0
REC. HR METER 1568.9

I certify that this engine has been inspected in accordance with AN ANNUAL INSPECTION and was determined to be in an airworthy condition.

Bruce Rebechini

TYPE PA28=236 N# 8117Z S/N 28-8011026 ENG. Lycoming 0-540-J3A5D S/N L-21939-40A FRANKFORT AVIATION SERVICE, INC.
FRANKFORT AIRPORT, FRANKFORT, ILL. 60423
AUTHORIZED CESSNA DEALER
ENGINE LOG BOOK INSERT

DATE 7-25-88 W.O.# 7118 T.T. 1587.0 TSMOH 18.1 REC. HR METER 1587.0

At this time the engine oil was drained and filter cut open and inspected. The engine was serviced with twelve quarts of Phillips 20w50 type "M" mineral oil. Engine was run up and checked for leaks.--END--

A&P2224931IA

Name Mahewar Dave Makeever A&P342521407

	Engine Time		Recorder	Maintenance	
Date	This Date	Since Major	Reading		
11-14-88	Brought Forward	TACH: 162	9.1 CHA.	NAED OIL AND FILTER.	
THE ENG	INE WAS	SERVICE	O WITH	TWELVE QUARTS OF	
AEROSHEL	1 15/50	DETERGE	NT OIL	AND A NEW CH48103	
OIL FILT	ER. FILT	ER WAS	cut of	EN AND INSPECTED	
AND ENG	INE RU	v up	AND C	HECKED FOR LEAKS.	
-ENO-	FRANKFORT AVI	TION SERVICE,			
W. O. # 7	FRANKFO	RI, IL 00423			
	LIANTE NA	We Mahl	ever	70 e	
	M				
Total To Carry Forward					

TYPE PA28-236

N# 8117Z

S/N 28-8011026

ENG. Lyc. 0-540-J3A5D

S/N L-21939-40A

FRANKFORT AVIATION SERVICE, INC.
FRANKFORT AIRPORT, FRANKFORT, ILL. 60423
AUTHORIZED CESSNA DEALER
ENGINE LOG BOOK INSERT

W.O.# 7289 T.T. 1636.1 TSMOH 67.2 REC. HR METER 1636.1

DATE 12-16-88

At this time the engine oil was drained and the filter was cut open for inspection. All six cylinders were removed due to high oil consumption and sent back to G & N Aircraft in Griffith, IN. The cylinders were honed, valves were cleaned, inspected and new rings were fit to the cylinders. The cylinders were then reinstalled with new gaskets, seals and hardware in accordance with Lycoming overhaul manuals. The engine was serviced with 12 quarts of Aeroshell 80 straight weight S.A.E. 40. A new CH48103 oil filter was installed. The aircraft was then test flown for a break-in period.—END—

Michael E. Hovre
A&P358466285

S/3/89 W.O.#: 7439 AT THIS TIME THE PUBLICE OIL WAS DRAINED AND THE OIL FILTER WAS CUT OPEN FOR TUSPECTION. THE ENGINE WAS SERVICED WITH 79 to. OF ADDOSTHER STRAIGHT WHIGHT FO OIL AND A NEW CH48/03 OIL FILTER WAS TUSTALLED. THE #1 EX. GASKET WAS REPLACED.

Maintenance		Re	Time	Engine	
	ig .	Re	Since Major	This Date	Date
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s/N_	28-8011026
ENG.	Lyc. 0-540-J3A5D
SIN	L-21939-40A

FRANKFORT AVIATION SERVICE, INC. FRANKFORT AIRPORT, FRANKFORT, ILL. 60423 AUTHORIZED CESSNA DEALER **ENGINE LOG BOOK INSERT**

DATE 7-01-89 W.O.# 7492 T.T. 1681.4 REC. HR METER1681.4

At this time the engine was inspected, serviced and cleaned in accordance with a 100 hour inspection as per Lycoming and Piper service manuals. The compression was checked with the following results: #1-72/80, #2-74/80, #3-74/80, #4-74/80, #5-76/80, and #6-74/80. The magneto to engine timing was checked. The spark plugs were cleaned, gapped, tested and rotated. The induction air filter was serviced and is to be replaced by a tach time of 1813.6 as per AD 84-26-02. The engine controls were checked for proper operation and lubed. All fuel screens were inspected and cleaned. Replaced the carburetor inlet tubing. All AD's were checked through bi-weekly 89-12. ---END--- I certify that this engine has been inspected in accordance with a 100 hour inspection and was determined to be in an airworthy condition.

Michael E. Howe

A&P358466285

	FRANKFORT AVIATION SERVICE, INC. DATE 7-01-9	9	Paris Internal Co	
TYPE <u>PA28-236</u> N# <u>8117Z</u> S/N 28-8011026	FRANKFORT AIRPORT, FRANKFORT, ILL. 60423 AUTHORIZED CESSNA DEALER ENGINE LOG BOOK INSERT TSMOH 112.5	and Remarks	Signature Certificate	∍ No.
ENG. Lyc. 0-540-J3A5D S/N L-21939-40A	REC. HR METER	8-29-89 TACH: 1703.2	CHANGED OIL AND INSPECTE	0
I certify that this engine	has been inspected in accordance with AN ANNUAL ned to be in an airworthy condition.	OIL FILTER. THE	ENGINE WAS SERVICED WITH	4
INSPECTION and was determ		TWELVE QUARTS O	OF AEROSHELL 80 WEIGHT	
	Buse Folecline	MINERAL OIL AND.	A NEW CH48103 FILTER. TH	45
*	Bruce Rebechini	ENGINE WAS RUN AND	D CHECKED FOR LEAKS - EN	0-
- 34	A&P2224931IA		FRANKFORT AVIATION SERVICE, INC.	
		The state of the s	W.O. #9569 Am mali	
		Samuel Strategic	SIGNATURE 1000011100001107	
			•	
Total To Carry Forward				

				AL L-L-DMDCD
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2/1/99	Brought -	CHANGE	D ENGI	NE OIL AND FILTER.
12/8/01	D SERI	ILED E	NAINE	OIL AND A NEW
TACH!				
	C. H4810	3 OIL 1	A . TEL	19 FIF C 1.0.
	RUNUF			LED FOR CO.
	X 03 70 34 7		W.M.	FRANKFORT AVIATION SERVICE, INC. FRANKFORT, IL 60423
			W	. 0.#7638 Ann Makeever
		III.		SIGNATURE Nave Makewer A+P342521401
				717

	Signature
and Remarks	27/

McGHEE TYSON AIRPORT

ALCOA, TENN. 37701

37411

Certificate No.

CHEROKEE AVIATION INC.

PHONES
DESK 970-3047 SHOP 970-3098

	DATE 2	25 191
ME	OPER DESCRIPTION	LABOR
CITY	CHANGE OIL	
IDRESS HOURS MINS	CHANGE OIL	
ARE & MODEL PEAR AIRCRAFT SERIAL NO. 7: 1842 Z	INSPECTIONS: 25 HOUR	
GISTRAUON NO. 7 7 ENGINE SERIAL NO.	100 HOUR PERIODIC INSP.	
A.M. LICENSE NO.	TUNE ENGINE	
P.M. WRITTEN BY	ADJ. BRAKES	
P.M. YES #	WASH	LABOR
DATE DELIVERED		DADOR
OPER. NO. Chauseu oile filter AEROS	HELL ISW 50	
air d Chweids	WILL OIK	

LN =			TOUR LOG	The state of the s
Date	Engin This Date	e Time	Recorder	
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		0 - 00	2810	3- 10pts Herefull 15w50 1
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	0		T1011 15 3 3	2 14 73 14 389608165
	DATE '		1001	JF AVIATION INC.
		IF) That This \$		ADDO W JEEFERSON STREET
Total To		Been Inspected		MILET HILMOID COADE
Carry Forward	A rm	ined To Be In Ai	nspection & W rworthy Conditi	on
<u></u>	10-11-11-11			

and Remarks Signature Certificate N 12-3-92 TACH 1875.6 This arrest and engline is take ight foreing I . direct Troubfort I . 12-5-92, and see AD'S need to be complied with prior to said flight folig few for 320587441 TACH: 1876.0 T.T. 21876.0 T8MOH \$307.1 ATTHIS TIME THE ENGINE WAS OPENED, CLEANED, INSPECTED AND SERVICES (M/W AN ANNAL Insp. AS POR Lycaming + P. Der SERVICE MANUALS. Comp. AS FOLLOWS: #1-74/60,#2-73/80,#3-73/80,#4-74/60,#5-64/80,#5-64/80,#5-64/80 CHANGES OIL + FIHER CUT OPEN FOR INSpection. A NOW CHYF103 FI HER WAS INSTAUDS. THE ENGINE WAS SPRVITED WITH 11965 OF APROSHEL 15W50, THE #2/#3 MURFLUR WAS OVER HAVE ED BY overs

ENGINE LOG Engine Time Recorder Maintenance Date Readina This Date Since Major and Remarks Signature Certificate No. Brought Forward -> PIECE OF LOWWER FIREWALL DOUBLE FOR LOWER COWL MOUNTA CONT. > DAWLEY AUINTION (SEE YELLOW TAG) ALL FOR SCREENS CHECKEN & WBEN ENGINE CONTROLS, A.D. CHECKER THROWN WERE THE + CUENDED, ALL SPARK PLUGS WERE PEPLACED WITH Bi-weekly. 92-26. THE KNOWS WAS RAN UP to CHECK FOR PROPER ORS. + LONG (E. None MOTED - END-NOW RHAYOF SPARK PLUGS. A NEW TROCTION AIR F. It-OF BUMENT WAS JUSTACLED, BA-2905. C/W 1. W. 78-09-07 R3 ON MAG has been inspected in accordance with Impulse: coopiers by Tasp. THE MAG WAS RETASTALLED WITH determined to be in sirwarthy condition. A NEW EASKET . ATTEMOS TO THE EUGINE. THE ALT. BEH A+P35846628571 WAS REPLACED THE PROP WAS DEINSTACKED AFTER O/H By A/4 PROPERIER (See Prop Book). RepLACED THE RE AFT. BAFFLING FOR OIL COOLER MOUNTING REPLICED ACK 6 VALUE COVER GASKETS, REPLACED A -Carry Forward

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-	Engine Time	Recorder Reading	Maintenance	- 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
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November	6, 1993 19	43.1 Tach	Time Tempood	The said of the sa
and supplied for	1.5 chaft	and tach	ometer. Installed new	Transales Mittal
tachony	CPI	1)406-594	Tuctoffed serviceable	PRINCE NO.
\$achome	for shot 1/1	100 011	1/1)2189 Tick reads	The state of the s
+ach one	der BLW 98	480-23-	SXN2131. 1ach 16968	
Total To			- continued	1
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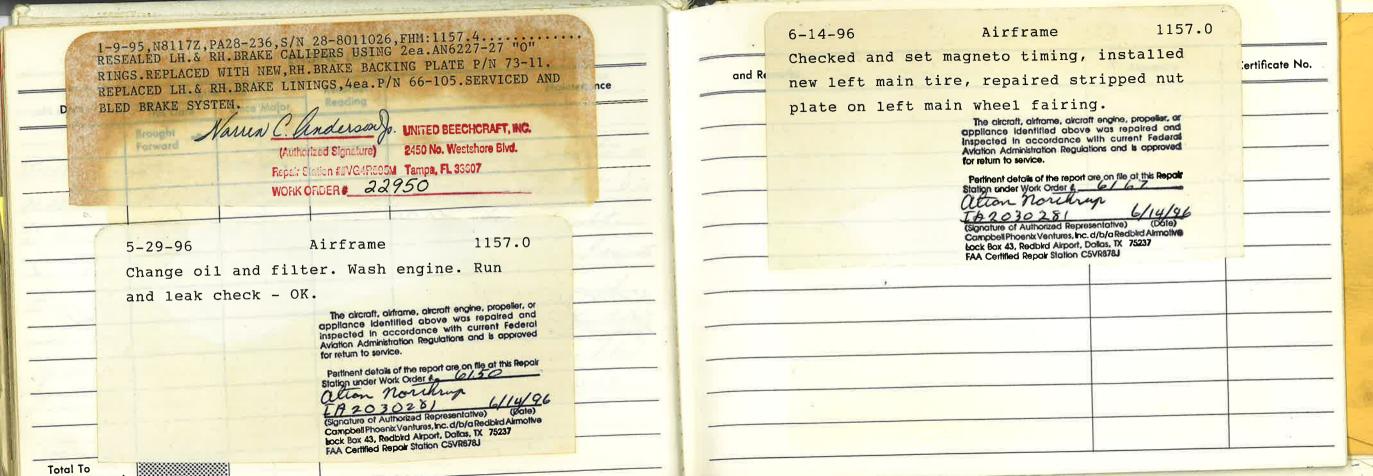
Certificate No. Signature and Pemarks

V =					
	Engin	e Time	Recorder	Maintenance	and Remarks
Date	This Date	Since Major	Reading		and keniarks
11/17/94	Brought Forward	1992.67		423.7 SMOH OTACH	
Compute	lanna	Imspet	tosiper	approved checklist	AD'S CHECKED THRU: 94-7
this da	installed	Ma ni	med for	separe at 640 acrest	WITH A Anne I INSPECTION
PIT. A	us GAN	the atta	ched.	Installed replacement	
engne	nount	home K	osola of	Essociates Replaced	
marke	hattaras	ou de	conuny:	5 B. 475. Derviced Englis	- 35
		1 Leaps	stell a	A CH4803 felter. Rung Athis time. Peplaced	3
<u>Checked</u> Alter	nator en	if with	Electro	systems #1628	
Total To Carry Forward			3		4

and Remarks	Signature Certification Certif	ate No
	THE AIRCRAFT / YOR COMPONENT IDENTIFIED	
S CHECKED THRU: 94-7977 I CERTIFY THAT	ASOVE WAS THE CURRENT FEDERAL ATION	
HAS BEEN INSPECTED IN ACCORDANCE IN A Annual INSPECTION AND WAS DETERMINED	TO SERVICE, PERTINENT DETAILS OF THE REPAIR ARE.	
BE IN AIRWORTHY CONDITION.	ORDER NO. 6.577 DATED 11/17/04	
	SIGNED John J. Buyer FOR	
,	REPAIR STATION FO. GG 31.7C LANSING MUNICIPAL AIRPORT LANSING, ILLINOIS	
s ^e		1
	7.	

		EN	GINE LOG		and Remarks	Signature
	Engine Time		Recorder	Maintenance		
Date	This Date	Since Major	Reading		- MOLY READS 125.0 DRAINED OIL CHECK	L. CHECKET ELER SERVI
		Sout	h Suburban Aviat	ion		
		Fra	nkfort, IL. 6042	3	WITH 1107 15W50 41 CH48103	FILTER TOSTRAN ENCINE
311 7Z	Tach. reads	s: 74.6			LEAKS FOUND END and Valor	ANP3106 2917 FOR SOUTH
Drained	oil and rem	moved filter	. Checked filter	for metal, none found	AVINTION	
eplaced f	ilter using	(1) CH48103	oil filter. Add	ed (11) qts. 15w50	AUT AT THE	
eroshell	oil.					
Complie	d with serv	ice bulletin	518A. Found air	worthy as of this date, —		
-22-95. D	ue again at	next annual	END			
			Work done for:			
			South Suburban /	viation	Table and the same of the same	
			Chris Noel			
			Chris Voel		9	
e3).	T	1	A&P358703728			
	***************************************	8				
Total To Carry Forward				<u> </u>		

8	Engine Time		Recorder	AA-1-4		The state of the s	
Date	This Date	Since Major	Reading	Maintenance	and Remarks	Signature	Certificate No.
	Brought Forward			AND THE PERSON NAMED IN COLUMN 1	to the first the class condition above		8
12-1-95	0121.7	TOTAL ALF.	2114.3 (ompleted south impection in	Regulations for 100 his child position; and opproved for return to 2000. Recumptor DIRITS Total into 2114.3		
PA 28-236 0	Alya D	9.540 J3A	5 5.M. 3	Cola compression test.) 71	i de folk of the repair are on file at this Ro Station under Work Order d	ocir	
2) 72 3) 20	0 4) 24 5)	66 6) 74	Peruve	I sil genal ugland gastet.	(Signalura of Authoritisd Representative) (Da	(6)	
Severed of	9 55 1 1	5w50 oil.	Replace	Pallypark gluye Chulus Dagrits	Lock Dox 43, Recibited Aliport, Dallas, TX 75237 FAA Contilied Repair Station C5VR878J		
times, Repe	ied miffe	dured 1	bed contu	& Jenseled disir value or sil	12-29.55 202.2 Replaced 1867 people up	hew unit and was	tested.
1 ,	e e		(48) (79)	telled propelle and torqued both.	Replaced sil extern fitting on cef. #1. 68		
Bos chuled	ustero. a	Sjusted al	tenater 6	It tersion. Of unal link			J. J.
chech. At	& chechel	through !	Du- 55.	GB Fall C5118785			
Total To							
Carry Forward							no 1113



NOTES

AD #80-17-14 M/A due to compliance of bendix 5/B 605A 10-39-79