

Right Engine Port 2



TELEDYNE CONTINENTAL

Gold Medalion Aircraft Engine

REBUILT ENGINE

LOG

N5245C
AIRCRAFT N NUMBER

TB-520-M01
ENGINE MODEL NUMBER

266006R
ENGINE SERIAL NUMBER

ENGINE SERIAL NUMBER

This engine model T0520MB1, Serial No. 266006-R,
was rebuilt on 12-17-85 by Teledyne Continental Motors in
accordance with approved design data and the applicable requirements
of Part 21 of the Federal Aviation Regulations. The approved design data
for this engine incorporates all changes required by applicable Air-
worthiness Directives and Teledyne Continental Motors Service
Bulletins.

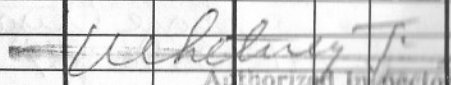
TELEDYNE CONTINENTAL MOTORS

Walter Jague

 **TELEDYNE CONTINENTAL MOTORS**
Aircraft Products Division

ENGINE DESCRIPTION

TYPE H- opposed MODEL T-520 MB1 SERIAL NO. 266006 R
 RATED H.P. 285 MAXIMUM H.P. 2700
 RATED R.P.M. _____ MAXIMUM R.P.M. _____ OIL PRESSURE _____
 BORE _____ STROKE _____ DISPLACEMENT _____ CU. IN. _____
 COMPRESSION RATIO _____ GEAR RATIO _____
 PROPELLER _____ HUB DESIGN _____ HUB SERIAL NO. _____
 BLADE DESIGN _____ BLADE SERIAL NO. _____ BLADE SERIAL NO. _____
 MAXIMUM HUB H.P. _____ MAXIMUM BLADE H.P. _____
 PITCH _____ DIAMETER _____ LENGTH _____
 OWNERS NAME _____
 ADDRESS _____ CITY _____ STATE _____

DATE	R.P.M.		TIME ON GROUND		
	Ground	Air	Hrs.	Min.	Total
12-24-85					
	A/c Hour Meter =				
	This engine				
	Serial No 1525 -				
	had maintenance and				
	prop governor PIN 11				
	and shell 80 and				
	and oil leak for				
	prop and fuel leak				
	FINAL INSPECTION WORK ORDER				
DATE	12-25-85				
	 Authorized Inspector				
BROUGHT FORWARD					
FOURNET AIR SERVICE REPAIR STATION NUMBER 2 MUNICIPAL AIRPORT, LAFAYETTE					

R/A ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
85													
Wdy	A/c		Hour Meter = 608 hours			hours					Total hrs airframe 4704 hrs		
			This engine installed on the R/A side of N 5245C.										
			Serial NO 1525 - cum 3102 model. Engine disassembled with new										
			load mount and new load mount Ball. Installed new										
			Prop governor P/N DCFS2901743 - 1/2 - 790973 Pre-oil engine										
			and shell 50 wt. non det oil. Run up check for fuel										
			and oil leak found ok - Run up to check fuel flow ok										
			Report 1st RPM and 1st speed. - No suspect for oil leak -										
			and fuel leak ok - none found -										
			Accept Hour Meter = 608h										
			T.T. Air = 4704h										
			Engine T.T. - 75RB - zero -										
			Whitney T. Savoy										
			ATP 1452858										
FINAL INSPECTION WORK ORDER													
			3/6/85										
			DATE 12 25 - 85										
			Whitney T. Savoy										
			Authorized Inspector										
BROUGHT FORWARD JOURNET AIR SERVICE, INC.													
AIR STATION NUMBER 2228													
MUNICIPAL AIRPORT, LAFAYETTE, LA.													

SAVOY TRICOM
2101

ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
	1-16-86	Haw meter = 638											
1-25-86			661.9		Hobs						Changed oil and filter, serviced oil sump with 11 qts. A/S 50 WT. mineral oil. Engine was axnd run and leak checked. Approved for Return to Service. -END- Boyd Deyo A/P 435967867		
			53.9		TT Eng						Cyalot 50 hr insp - 1-25-86 Dubchuck A/P 446183		
BROUGHT FORWARD													
TOTALS													

R/A

DATE	R.P.M.		TIME ON GROUND			REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total			
	2-20-86							
I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A _____ 10 INSPECTION AND WAS DETERMINED TO BE IN WORTHY CONDITION.								
TOTAL TIME		A/c Haw Meter						
ENGINE		100 hr.						
WORK ORDER		3847						
DATE		2-20-86						
_____ Authorized Signature PAUL FOURNET AIR SERVICE, CERTIFICATE REPAIR STATION NUM BROUGHT FORWARD MUNICIPAL AIRPORT, LAFAYETTE								
TOTALS								

R/H.

ENGINE LOG

INITIALS	SIGNATURE	LICENSE NUMBER
	5/17/90 973	
	checked	
	ok	
	file	
	855312	
	and filter.	
	sump with	
	50 WT. mineral	
	was used run	
	ched. Approved for	
	rice. -END-	
	George Deyo	
	A/P 435 967867	

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
2-20-86											Change oil and oil filter used Shell 50 wt. Det. oil - Comp checked @ 76/80 (2) 75/80 (3) 75/80 (4) 76/80 (5) 77/80 (6) 75/80 Clean and gun mount plunger checked mag timing.		
I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED													
IN ACCORDANCE WITH A												100	
INSPECTION AND WAS DETERMINED TO BE IN AIR-													
WORTHY CONDITION.													
TOTAL TIME		A/C Hour Meter 2 708											
ENGINE		100 hr.											
WORK ORDER		3847											
DATE		2-20-86											
<p>Authorized Signature</p> <p>PAUL FOURNET AIR SERVICE, INC.</p> <p>CERTIFICATE REPAIR STATION NUMBER 2225</p> <p>BROUGHT FORWARD</p> <p>MUNICIPAL AIRPORT, LAFAYETTE, LA.</p> <p>TOTALS</p>													

Intake system ok By inspection
 Exhaust system ok engine mounts
 ok clean fuel tank's screen
 Replace the air filter, fuel and
 oil lines ok By inspection engine
 controls ok accessories ok 76 Advts
~~76-02-07~~ By inspection of alternator
 Bearings ok inspect engine crank
 case for cracks - ok none found -
 wash engine run up checked ok -
 No cool engine. Please refer to
 the Manual this Book for the Advts
 compliance record book -

ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
86 2-23											Replaced and repaired the right engine prop governor using a Delco governor, same type P/N: DCFS290D713, P/N-190973. Was red from engine ground governor deoperating properly with no leaks at this time. A#1438808099 #N1=708 Scott J. Fournet		
BROUGHT FORWARD													
TOTALS													

DATE	R.P.M.		TIME ON GROUND			REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total			
86 3-6-86						Hawk Meter - 725 installed P/N AD 76-02 alternator alternator at lab general		
BROUGHT FORWARD								
TOTALS								

FINAL INSPECTION WORK

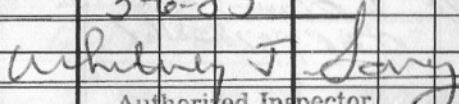
DATE 3-6-85

Whitney J.

Authorized Insp
 PAUL FOURNET AIR S
 REPAIR STATION NU
 MUNICIPAL AIRPORT, LA

ENGINE LOG

735

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
3-6-86											Hour Meter - 725 hours T.T. engine = 117 hr - Replaced alternator installed P/N ALV9510R - S/N 5110512 Prestalite. AD note 76-02-07 is no longer applicable to this alternator. Replaced the Drive clutch on this alternator at installation. Run up checked w/o oil leak operation ok after Paralleling Deconv engine		
FINAL INSPECTION WORK ORDER <u>3906</u>													
DATE			3-6-85										
 Authorized Inspector PAUL FOURNET AIR SERVICE, INC. REPAIR STATION NUMBER 2225 MUNICIPAL AIRPORT, LAFAYETTE, LA.													
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.	Total	Hrs.	Min.	Total	Hrs.	Min.			
	3-17-86												
3-23-86	HM	758									performed 50 hrs work - changed oil and filter using 11 qts AeroShell 150 wt detergent washed, painted, leak checked found no leaks. Donnell E. Latham APP5782867		
BROUGHT FORWARD													
TOTALS													

DATE	R.P.M.		TIME ON GROUND		
	Ground	Air	Hrs.	Min.	Total
86					
6-17-	Change oil and				
	① 20/80	② 20/80	③ 20/80	④	⑤
I CERTIFY THAT THIS ENGINE IS IN ACCORDANCE WITH A <u>CA</u> INSPECTION AND WAS DETERMINED WORTHY CONDITION. <u>Hamm</u>					
TOTAL TIME					
ENGINE <u>202</u>					
WORK ORDER <u>4443</u>					
DATE <u>6-17-86</u>					
<u>Secretary J</u> Authorized Signat PAUL FOURNET AIR SER CERTIFICATE REPAIR STATIO MUNICIPAL AIRPORT, LAF					
BROUGHT FORWARD					
TOTALS					

STATEMENTS	SIGNATURE	LICENSE NUMBER
812 CW Cump, checked hubs		
4 N 747. Sid Miller 148858310		
oil and detent is leakage.		
828767		

R/H ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER	
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.				
6-17-86	Change oil and oil filter used Shell 50 wt. Det oil Comp checked.													
	① 26280	② 24180	③ 24180	④ 174180	⑤ 25280	⑥ 24180					clean and gap spark plug checked mag timing ok			
	I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED			IN ACCORDANCE WITH A			annual (WAM)			INSPECTION AND WAS DETERMINED TO BE IN AIR-WORTHY CONDITION.				
	TOTAL TIME			Hour Meter = 810 hours						Some R/H engine cross over plug clamp nuts nuts like #4 + #6 nuts have clamp loose secured, Exhaust system ok by inspection engine mounts ok lead mounts ok clean fuel				
	ENGINE 202									tumble screen air filter ok by inspection. Pressure checked fuel and				
	WORK ORDER 4443									oil lines ok engine controls ok				
	DATE 6-17-86									Some loose prop control - in engine at clamp - under #6 cylinder - working ok by inspection. fuel injectors ok				
	Authorized Signature			W. Arthur T. Savary						1/2 Annals 76-0207 by inspection of alternator bearings due at 100 hrs int.				
	PAUL FOURNET AIR SERVICE, INC.													
	CERTIFICATE REPAIR STATION NUMBER 2225													
	BROUGHT FORWARD MUNICIPAL AIRPORT, LAFAYETTE, LA.													
	TOTALS													

"continued on the next page"
W. Arthur T. Savary A11 148858310

P11 ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
6-17-86	Haw Mites = 80 hrs		TT engine = 302 hrs			Continued from the previous page - 4 Whittney J. Searcy APL 1452858, injected engine case and glass for cracks none found - wash engine Run - up checked ok. Please see Book of Book for the AD rule compliance and Compliance Record Book							
7-21-86	Chapman 1 and filter - 50 hrs		wash engine - not up - 4 hrs			complete 50 hrs injection - in notes 860			Task of Bob for APT 1940087				
7-21-86	C/W AD rule 84-13-04		By injecting engine glass to head. For cracks and operations all none found			TACH: 860 - TT engine - 252 hrs			Whittney J. Searcy APL 1452858				
BROUGHT FORWARD													
TOTALS													

DATE	R.P.M.		TIME ON GROUND		
	Ground	Air	Hrs.	Min.	Total
86	Haw Mites = 910 hrs				
9/2/86	filter for metal work installed new				
I CERTIFY THAT THIS ENGINE IS IN ACCORDANCE WITH A INSPECTION AND WAS DETERMINED TO BE IN WORTHY CONDITION.					
TOTAL TIME					
ENGINE (TSRB) = 302 hrs					
WORK ORDER 4736					
DATE 9-2-86					
Whittney J. Searcy					
Authorized Sign					
PAUL FOURNET AIR STATION					
CERTIFICATE REPAIR STATION					
BROUGHT FORWARD MUNICIPAL AIRPORT LA					
TOTALS					

ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
10-9-86											air Hour Meter = 960' hrs (TSRB = 352.4 hrs) accomplished 50 hr inspection change oil and oil filter, used Shell 50 wt. Jet-oil. C/W AD Note 86-13-04 RT By inspection of cylinders found no decay -		
FINAL INSPECTION WORK ORDER <u>4873</u>													
DATE <u>10-9-86</u>													
<u>Whitney J. Savoy</u>													
Authorized Inspector													
PAUL FOURNET AIR SERVICE, INC.													
REPAIR STATION NUMBER 2225													
MUNICIPAL AIRPORT, LAFAYETTE, LA.													
BROUGHT FORWARD													
TOTALS													

DATE	R.P.M.		TIME ON GROUND			REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total			
86						change oil and filter (3) 75/80 (3) 74/80		
I CERTIFY THAT THIS ENGINE IS IN ACCORDANCE WITH A INSPECTION AND WAS DETERMINED TO BE IN WORTHY CONDITION.								
TOTAL TIME <u>HM = 10</u>								
ENGINE <u>(TSRB) 402</u>								
WORK ORDER <u>4978</u>								
DATE <u>11-12-86</u>								
<u>Whitney J. Savoy</u>								
Authorized Signatory								
PAUL FOURNET AIR SERVICE, INC.								
REPAIR STATION NUMBER 2225								
MUNICIPAL AIRPORT, LAFAYETTE, LA.								
BROUGHT FORWARD								
TOTALS								

R14

ENGINE LOG

STATEMENTS	SIGNATURE	LICENSE NUMBER
oil change, change of using 11 qts Washup, Lafayette 48P43782767	By not at TSB on oil change	

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
3-12-87											Shell 30 wt. Set oil comp clean and 900 spark plugs mag lining oil intake & Exhaust System ok inject fuel and oil leaks ok engine controls and accessories 900 - mounts ok work prop - clean air filter for engine ok run by check ok no oil leak see Ron of Brock for log A.D. rate compliance Record - End		
<p>I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>100 hr.</u> INSPECTION AND WAS DETERMINED TO BE IN AIR- WORTHY CONDITION.</p> <p>TOTAL TIME <u>Hour Meter = 1110.0</u> ENGINE <u>TSRB = 502 hr.</u> WORK ORDER <u>5316</u> DATE <u>3-12-87</u></p> <p><u>Arbitrey J. Seway</u> Authorized Signature PAUL FOURNET AIR SERVICE, INC. CERTIFICATE REPAIR STATION NUMBER 2225 MUNICIPAL AIRPORT, LAFAYETTE, LA.</p>													
BROUGHT FORWARD													
TOTALS													

R/H

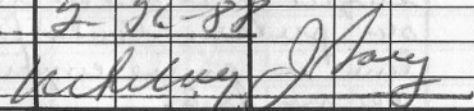
ENGINE LOG

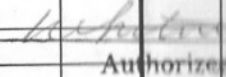
REMARKS	SIGNATURE	LICENSE NUMBER
Changed wires with W 50 wt. oil cap engine	<i>[Signature]</i>	

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
12-14-87											Change oil and oil filter used shell 50 filter input for metal on nose fuel - (A) 70/80 (B) 70/80 (C) 70/80 (D) 77/80 wt. set oil - open removed oil comp checked @ 70/80 @ 70/80 clean and sq. spoke Retire R/H mag to engine By removing mag and reset paint then re-install - 44 mag ok inspect the intake and Exhaust System found ok inspect engine load mount & back found ok clean the engine air filter AS not - 26-2602 ok on the filter "paper air filter" inspect fuel and oil line - found ok - pulsing - check fire fuel line in engine compartment fuel ok no leak. "continued on the next page." <i>Whitney J. Savoy</i> ATD 1452853		
I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>100 hr</u> INSPECTION AND WAS DETERMINED TO BE IN AIR- WORTHY CONDITION. <u>Hour Meter = 140916 h.</u>													
TOTAL TIME													
ENGINE <u>TSR3 = 800.6 in.</u>													
WORK ORDER <u>6215</u>													
DATE <u>12-14-87</u>													
<u><i>Whitney J. Savoy</i></u> Authorized Signature PAUL FOURNET AIR SERVICE, INC. CERTIFICATE REPAIR STATION NUMBER 2225 MUNICIPAL AIRPORT, LAFAYETTE, LA.													
BROUGHT FORWARD													
TOTALS													

ATD 1452853

R44 ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
12-14-87											"continued from file previous page" T&R B on engine = 800.6 h insert the engine controls found ok engine carefully ok by inspection Clean main fuel screen, inspect engine crank case for crack ok none found, wash engine then inspect ok Re insert engine for fuel and oil leaks ok none found Please Refer to the Rear of this Book for the ADNOTE Compliance and Compliance Record. End		
2-26-88											Change oil and oil filter and accomplish 50 hr inspection on this engine - insert fuel and oil lines and all engine accessories ok controls ok wash engine then inspect for oil leaks ok, several engines		
FINAL INSPECTION WORK ORDER 6435													
DATE 2-26-88													
													
Brought Forward Authorized Inspector PAUL FOURNET AIR SERVICE, INC. REPAIR STATION NUMBER 2225 MUNICIPAL AIRPORT, LAFAYETTE, LA.													

DATE	R.P.M.		Hrs.	Min.	TOTAL TIME
	Ground	Air			
4-11-88					8
I CERTIFY THAT THIS ENGINE WAS INSPECTED IN ACCORDANCE WITH A INSPECTION AND WAS DEEMED TO BE IN WORTHY CONDITION.					
TOTAL TIME ENGINE T&R B = 8					
WORK ORDER 6435					
DATE 4-11-88					
					
Authorized Inspector PAUL FOURNET					
CERTIFICATE REPAIR STATION Brought Forward MUNICIPAL AIRPORT					
TOTALS					

*DATE installed
4-21-88
Acct No = 1524.9 &*

**C & M AVIATION PRODUCTS, INC.
SERVICEABLE PARTS TAG**

WORK ORDER

No. 882275

FAA.C.R.S. #203-15

PART NAME DRY AIR PUMP

Part No. 212CW SERIAL No. 886994

O. H. BY: J M

TESTED BY: J M

INSPECTED BY: J M

OWNER _____

MAINTENANCE RELEASE

THE APPLIANCE IDENTIFIED ON THE REVERSE SIDE WAS OVERHAULED OR REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE.

DATE

3-8-88

SIGNED

J. Miller #234.5404 FOR

C & M AVIATION PRODUCTS, INC.
FAA APPROVED REPAIR STATION #203-15

C & M AVIATION PRODUCTS, INC.
ROUTE 2, BOX 1003
CHINA SPRING, TEXAS 76633

R114 ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
6-30-88											Charge oil and oil filter - used Shell 50 wt. Det. oil - open Remove oil filter inspect for metal or noise found. Comp checked @ 7500 (1) 7400 (2) 7400 (3) 7400 (4) 7400 (5) 7400 (6) 7400 - Clean and gap spark plugs - Clean cigarettes - Checked Mag timing ok, inspect the intake and Exhaust System ok engine load mounts & mounts ok - Clean fuel timble screen - Clean Main fuel screen, 7/8 AD note 26-26-02 on air filter By injection ok due chgs at 4m of 7292.00 hrs. inspect the fuel and oil lines engine compr ok Pressure checked Fuel lines ok engine controls and accessories ok by injection. engine Air Baffle and crawl floor ok		
<p>I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100-hr. INSPECTION AND WAS DETERMINED TO BE IN AIR-WORTHY CONDITION. Hour meter 1600</p>													
TOTAL TIME													
ENGINE 75RB = 992.1 hr.													
WORK ORDER 6847													
DATE 6-30-88													
<p><i>Whitney J. Sancy</i> Authorized Signature PAUL FOURNET AIR SERVICE, INC. CERTIFICATE REPAIR STATION NUMBER 2225 MUNICIPAL AIRPORT, LAFAYETTE, LA.</p>													
BROUGHT FORWARD													
TOTALS													

" continued on the next page
 Whitney J. Sancy
 AFD 1452850

DATE	R.P.M.		TIME ON GROUND		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.			
6-30-88							
<p>average 4m C/W AD note 26-02-02 Next when Ac 4m 2 1/2 of cylinders for cracks when Ac 4m 2 1/2 the Peer of this 100</p>							
88							
8-2							
BROUGHT FORWARD							
TOTALS							

