

#1

AIRCRAFT LOG



PIPER AIRCRAFT CORPORATION

N411LM

AIRCRAFT LOG

PIPER AIRCRAFT CORPORATION

General Offices at
Lock Haven, Pennsylvania
U. S. A.

N-411LM

~~*A-45TX*~~

Aircraft
Registration Number

Part No. 230 715

N/A45TX S/N _____ Date: 12/80

The Aircraft identified above was painted with URON
4296101-7312-143-7502

and is approved for return to service.

Pertinent details of the work accomplished are on file
at this repair station under work order no. 2547

Signed _____

"B" Cap Inc.

C/R/S 304-55

R.R. 1

Maquoketa, Iowa 52060

Making false entries in this book is a violation of gov-
ernment regulations and is punishable by civil penalty.

AIRCRAFT DESCRIPTION

Registration No. ~~N45TK~~ 411LM

Model: PA-31T Popular Name: Cheyenne

Serial No.: 31T-7720069 Type Certificate No.: A8EA

Colors: White - Sunfast Red - Morning Glory Blue

Engine Manufacturer: Pratt & Whitney Propeller Manufacturer: Hartzell

Original Engine Model: PT-6A-28 Original Propeller Model: HC-B3TN-3B IT10173B-8

Serial Numbers: Single Hub or Serial Number: Single

Left PCE-51470

Left BU-7692

Right PCE-51469

Right BU-7376

Blade Numbers

Left

Right

D62701

D57771

D62817

D57663

D47810

D57829

I have inspected this aircraft and issued
a Standard certificate dated Oct 21, 1977

William Halloran

(Signature)

Piper Aircraft Corporation
D. Q. A. No. EA-1"

The altimeter and static system tests re-
quired by FAR Part 91.170 have been per-
formed. The altimeter has been tested to

35000 ft. Date 9/12/77

Signed William Halloran

Piper Aircraft Corporation D.O.A. No. EA-1

THIS TRANSPONDER, SER. NO. 2622 2428
HAS BEEN TESTED IN ACCORDANCE
WITH F.A.R. PART 91.177 DATE 10/21/77

SIGNED William Halloran
PIPER AIRCRAFT CORPORATION D.O.A. NO. EA-1

LATEST FAA MAJOR REPAIR AND ALTERATION FORM

Date	Reason	New Useful Load	Resulting Empty		
			Weight	C. G.	Moment
	RNAV Certified for IFR on Work Order				
	No. <u>A 4086</u> Date <u>10-21-77</u>				
	Signed <u>[Signature]</u> 2245002				
	PIPER AIRCRAFT CORPORATION				
	Station No. MMF - 161 - 10				
	820 E. Bald Eagle Street				
	Lock Haven, Pennsylvania 17745				
12-16-77	INSTALLED King KRT 960A with KCU-596 Handset. This installation done in accord with AC 43.13-2 para 21-26.				
	New EW 54.59.8		Addison Avionic 5		
	New CG 132.07		Addison Airport		
	New Moment 721086.8		Addison TEXAS.		

#202-42 L.L. [Signature]

COMPLIANCE WITH FAA AIRWORTHINESS DIRECTIVES

A. D. No. and Date	Method of Compliance (See Log for Details)	Time on Aircraft	Date of Compliance	Signature and Certificate No.
AD 76-10-6	by inspection	100.0	1-7-78	Signature HAWKINS
AD 78-08-12	Revision #4 FLT MAN.	248.0		
SR 570A	C/P 10-9-78, SOLID SPANK FITTINGS			78-02-01 INSTALL
79-14-02 AD (Special)	REV 58 651 DATED MAY 3, 1979 NOSE WHEEL INSPECTION	676 521	6/7/79	C.E. / J.E. 110-1112 mark 2 off A-P 0540320
AD 78-12-06	FOR CRACKS,	521	6/7/79	mark 2 off A-P 0540320
AD 79-19-09	Relocation of land wheels	676	12/1/79	P. Allen RS 4370
AD 79-12-02	EYE STOPS C/P IN ACCORDANCE WITH	676	12/3/79	E. Lander RS 4370
78-02-15	6/0 654	676	12/3/79	E. Lander RS 4370
80-09-10	Replacement of seats	884	1/29/80	P. Allen RS 4370

COMPLIANCE WITH FAA AIRWORTHINESS DIRECTIVES

A. D. No. and Date	Method of Compliance (See Log for Details)	Time on Aircraft	Date of Compliance	Signature and Certificate No.
81-23-06	Kit installed Flap track mod	1520.6	30 Dec 81	Robertson 4370
80-26-05	new door hinges PCW	1717.5	6 May 82	Robertson 4370
82-07-03	Heater wiring	1820.4	14 July 82	Robertson 4370
82-07-03	Water Pres Check	2013.2	18 Nov 82	Robertson 4370
83-08-01	Prop Bolts replaced	2422.3	20 July 83	Robertson 4370
82-27-13	flap transmission	2422.3	20 July 83	Robertson 4370
84-02-08	Oxygen Bottle	2766.1	29 March 84	Robertson 4370
85-08-05	Gear Pins	3270.1	14 June 85	Robertson 4370

COMPLIANCE WITH MANUFACTURER'S SERVICE BULLETINS AND LETTERS

Bulletin or Letter No.	Subject and Remarks	Time on Aircraft	Date of Compliance	Signature and Certificate No.
S.L. 755	Insp of hub of Ldg gear lock actuator Rod Assy.	100.0	1-7-78	Handwritten Signature APP1712579JA
SB 494	See preceding page AD 76-10-6	100.0	1-7-78	Handwritten Signature 1712579JA
SB 658	Elevator Butt fit mod	676	12-7-79	R Bl... RS4370
SB 604A	BAGGAGE DOOR LATCH	676	12-3-79	Extended RS4370
S/B 687	inspection of floor hinges	884	11-20-80	R Bl... RS4370
S/B 494B	Check of flap Trans	884	11-20-80	R Bl... RS4370
S/B 705	gen door act fittings	1307.9	8-28-81	Rep... 4370
S/B 715	Elw tongue tube	1307.9	8-28-81	Rep... 4370
S/B 734	Check Valve relocation	1558	P/c/w	Rep... 4370

COMPLIANCE WITH MANUFACTURER'S SERVICE BULLETINS AND LETTERS

Bulletin or Letter No.	Subject and Remarks	Time on Aircraft	Date of Compliance	Signature and Certificate No.
INSTALL	ROF CLIMB S# 254			C.E. Jetter AIF 399270
INSTALL	ENCORING ALT S# 1514			C.E. Jetter AIF 399270
S/B 731	Heat Thru Switch	2013.2	18 Nov 82	4370 Robert Jetter
SL 956	Cabin door cable mod	2013.2	18 Nov 82	4370 Robert Jetter
S/B 754	New Fan & Bracket	2226.5	21 Mar 83	Robert Jetter 4370
SB 773	BULKHEAD INSPECTION INSTALLED PIPER KIT 764-983	2693.7	1-27-84	TURBO WEST DO 3-54
S/B 779A	gear Brine install	3166.6	27 Feb 85	Robert Jetter 4370
S/B 795	Device for no commeter	3270.1	14 June 85	Robert Jetter 4370

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
11-3-77			Hour meter 23.3	Removed TURN & Bank New TURN & Bank Ind. Vacuum check valve operational check
12-3-77			Hour meter 65.7	modified Air Supply Piper Engineering
Total To Carry Forward				

and

Ind

5/2

PH

Vac

INS

order

Registration No. _____

and Remarks	Signature	Certificate No.
Indicator S/N 43-243149 Installed		
S/N 647AD - Removed & Replaced		
P/N 449258, Low Engine		
Vacuum System, OK.		
W ^m A. Howard		
A & P 1806818		
INSTL. TO TURN & BANK PER		
ORDER # 50475, operational checked OK.		
W ^m A. Howard		
A & P 1806818		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
1-7-78	Brought Forward →	100.0	100.0	Replaced pitots Turn 5 boost pump. Replaced presse Cabin PSI gauge. Installed
Total To Carry Forward				

Registration No. _____

enance

and Remarks

Signature

Certificate No.

Turn 9
! presse
installed

Band indicator. Replaced #2 right
rization controller. Installed new
new cabin vent window seal.

Hr. Meter 700.0 Date 1-7-78

I certify that in accordance with Piper's Programmed
Inspection, the inspection was performed in accordance
with the scheduled event(s) inspection and the air
craft is approved for return to service.

W. O. # 28162 Event(s) One (1)

Memphis Aero Corporation Repair Station # 4370

Tonald A. Wain APP1712519IA

Registration No. _____

and Remarks	Signature	Certificate No.
4-13-78 TT 167:00		
Comply with S.L. No. 831 Heater fuel pressure regulator valve Kit No 761 139		
Replace #1 right boost pump. Replaced left stroke light unit & bulb. Leonard Bourill A+P 819841		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
2 JUNE 1978	Brought Forward →	201.4	201.4	
				COMPLETED EVENT # TWO (2) ON INSPECTION PROGRAM. REPLACED ROD ENDS. REPLACED ELEVATOR TRIM TAB REPLACED CABIN OUTFLOW + SAFETY VALVE GAGE. PERFORMED OTHER ROUTINE MAINT.
				<i>Greg A. Fisher</i> ATP 415925814
Total To Carry Forward				

Registration No. _____

and Remarks

Signature

Certificate No.

AIRFRAME THIS DATE PER PIPER

RIGHT HAND AILERON PUSH-PULL ROD

HINGES + BRACKETS, DEEP CYLLED BATT.

REPLACED CABIN ALTITUDE AND PRESS. DIFF.

REFER W/O 29418 THIS STATION

MEMPHIS AERO CORPORATION
MUNICIPAL AIRPORT MEMPHIS, TENNESSEE

REPAIR STATION # 4370
AIRFRAME CLASS III - POWER PLANT CLASS I
PROPELLER & ACCESSORIES LIMITED

Registration No. _____

and Remarks	Signature	Certificate No.
this date per Piper inspection 100hr. Cycle		
Comply with SL No 755 lub. gear rod down lock		
with SB No 494 AD 76-10-06 flap jack actuator		
Checked ELT OK Battery replacement date 6-82		
Leonard Bowell ATP 819841		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →	397.91	397.91	11-24-70 BOTH VOLTAGE REGULATOR OFF BY FLIGHT COMPONENTS SERVICE CORP, DALLAS, BATT. DEEP CYCLE BY AERC QUALITY OF DALLAS C E Jettan AFE 399176
Total To Carry Forward				

Registration No. _____

and Remarks	Signature	Certificate No.
12-4-78 T.T. 397.91 hrs.		
Completed Event Two (2) on Airframe this date Per Piper inspection program. Comply with SL No 755 lub. gear rod down locks. Replace air cond. belt.		
Function check ELT OK Battery replacement date 6-82		
AD 78-13-06 main gear wheel assy N/A has goodyear wheel assy.		
AD 78-12-06 nose gear wheel assy N/A has BFA wheel assy.		
Leonard Baurell ATP 819841		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
FEB 9, 1979	Brought Forward →		438.7	REPLACED HEATER FUEL NOZZLE, CLEANED COMBUSTION CHAMBER, REPLACED IGNITION UNIT REPLACED SPARK PLUG FLOW CHECKED NOZZLE AND SOLENOID CHECKED FUEL PUMP PRESSURE TO HEATER
				<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>Signature <i>Joseph J. Lemnick</i></p> <p>AUTHORIZED REPRESENTATIVE</p> <p>CROWN AIR</p> <p>3753 John J. Montgomery Dr. San Diego, Calif. 92123</p> <p>WO # <u>13327</u></p> </div> <div style="width: 50%;"> <p>FAA Approved Repair Station</p> <p># 4826</p> </div> </div>
Total To Carry Forward				

Registration No. _____

and Remarks	Signature	Certificate No.
<p>5-7-79 T.T. 501.6 hrs.</p> <p>Complete Event (1) one on aircraft This date per Piper inspection 100hr Cycle. Comply with SB 755 sub. gear rod down lock spring. Comply with SB No 494 AD 76-10-06 flap jack actuator insp only. Pack flap Transmission per Piper 500hr. sub. sub. jack screws. Removed co pilot Attitude Horizontal repair, Install A.H. See yellow tag in back of log book. Lenard Burrell A#P819841</p>		

Registration No. _____

and Remarks

9-7-79

Signature

Certificate No.

Aircraft this date per Piper inspection 100 hr cycle.

+ AD 76-10-06 flap jack screw, transmission + etc. Replaced

tires nose + mains. Clean insp + pack all wheel bearings

gear up + down lock rod spring.

Leonard Bawell ATP 819841


AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
12-3-79	Brought Forward →			
The A/C Transponder Tests and Inspections as required by FAR 91.177 were performed this date and found to comply with FAR 43, Appendix F.			FAR 91.170 ALTIMETER(S) AND STATIC PRESSURE SYSTEM HAVE BEEN CHECKED AND MEET ALL SPECIFICATIONS OF APPENDIX E OF PART 43, ALTIMETER(S) CERTIFIED TO LT <u>35,000</u> FEET.	
	#1 King KXP-755 Make Model S/N	<u>2622</u>	RT. <u>35,000</u> FEET. DATE <u>4 DEC. 79</u>	SIGNATURE <u>[Signature]</u>
	#2 King KXP-755 Make Model S/N	<u>2428</u>	WO# <u>A33330</u>	MEMPHIS AERO CORPORATION F. A. A. REPAIR STATION #4370 MEMPHIS, TENNESSEE
	For Details Reference Our Work Order <u>A33330</u>			
12-3-79	[Signature] Title Inspector			
	MEMPHIS AERO CORPORATION INTERNATIONAL AIRPORT MEMPHIS TN, 38139 REPAIR STATION 4370			
Total To Carry Forward				

Registration No. _____

and Remarks	Signature	Certificate No.
<p><i>See AD 76-10-06 on physical inspection</i></p>		
<p>Hr. Meter <u>676 Total</u> Date <u>12/7/79</u></p>		
<p>I certify that in accordance with Piper's Programmed Inspection, the inspection was performed in accordance with the scheduled event (s) inspection and the air craft is approved for return to service.</p>		
<p>W. O. # <u>34082</u></p>	<p>Event(s) <u>1 one</u></p>	
<p><i>Rennie Blaine</i> Memphis Aero Corporation Repair Station # 4370</p>		

Registration No. _____

and Remarks	Signature	Certificate No.
TT 852.9 / 10/6/80		
changed lft #2 fuel Boost pump		
S/N B2343 fitted. operation & leak		
check found "Satis"		
Both Main tyres changed (10 ply)		
Tightened left Nav light Assy. &		
Sealed Same		
		
2248480 Ael		
10/6/80		

AIRCRAFT LOG

Total	Recorder Reading	Maintenance
		Q/w S/B 674 on Rudder
		door hinges by
		fuel nozzles both
		engines serviced
		Overhauled heater
		AD 80-09-10 -
		S/B 494B check of flap
		Q/w S/L 755B lub of lock

MEMPHIS AERO CORP.

INTERNATIONAL AIRPORT
 MEMPHIS, TENNESSEE
 PHONE 901-345-7000
 F.A.A. REPAIR STATION
 4370

SERVICEABLE PART

CUSTOMER 45TX

DATE 11-18-80

REMARKS HEATER OVER-
HANDED PER JANSARD

MANUALS COMPLETES

AD 80-09-10

S 000001

Registration No. _____

and Remarks	Signature	Certificate No.
trim - Gw 5/13/82 on gear inspection only - Cleaned engines - Changed oil both with Exxon 2380 oil - in accordance with Tandygo manual		
Gw Transmission Rods	Hr. Meter <u>884</u> Date <u>11/20/80</u> I certify that in accordance with Piper's Programmed Inspection, the inspection was performed in accordance with the scheduled event (z) inspection and the air craft is approved for return to service.	
	W. O. # <u>2407</u> Event(s) <u>One</u>	
	Memphis Aero Corporation Repair Station # 4370	
	Ronnie Blades	

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
1-14-81	Brought Forward →		977	Complied with Bendix M4D-060

MAINTENANCE RELEASE

MFG. Bendix UNIT AIP5000
 MODEL/PN 3013K SIN 1767
 NAME _____ A/C CH-1
 _____ N 4176M
 REMARKS Complied with ABM4D-060 (AD-81-01-06)
Clutch Ser 14591+15396

THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, OR APPLIANCE IDENTIFIED ABOVE WAS INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF WORK PERFORMED ARE ON FILE AT THIS AGENCY UNDER W/O NO. M54-3501-500

Date 1-14-81 Signed Charles Norton for _____

AIRESEARCH AVIATION CO. • REPAIR STATION 3760
CAPITOL AIRPORT, SPRINGFIELD, ILLINOIS 62705

Total To Carry Forward

Registration No. _____

and Remarks

Signature

Certificate No.

AD 81-01-06 by Service Bulletin

Donald S. Hansen For

Airesearch Aviation Co.

Repair Station 3760 Springfield, Ill.

MAINTENANCE RELEASE

MFG. _____
MODEL/PN _____
NAME _____

REMARKS _____

THE AIRCRAFT
INSPECTED
ADMINISTRATIVE

WORK PERFORMED

Date 1-14-81

MAINTENANCE RELEASE

MFG. Beech UNIT A1P5
MODEL/PN 3013K SIN 1776
NAME _____ A/C Chas
N 41PLM

REMARKS Complied with SB 114D-060 (AD 81-01-06)
Check SW Area 15121 + 24524

THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, OR APPLIANCE IDENTIFIED ABOVE WAS INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF

WORK PERFORMED ARE ON FILE AT THIS AGENCY UNDER W/O NO. MS4-3501-500

Date 1-14-81 Signed Chas Hansen for

AIRESEARCH AVIATION CO. • REPAIR STATION 3760
CAPITOL AIRPORT, SPRINGFIELD, ILLINOIS 62705

Registration No. _____

and Remarks

Signature

Certificate No.

AD 81-01-06 by Service Bulletin

Donald S. Howell For
Airesearch Aviation Co.

Repair Station 3760 Springfield, Ill.

MAINTENANCE RELEASE

MFG. Bendix UNIT AIP Sewo
MODEL/PN 3013K SIN 1973
NAME _____ A/C CHC
N 4112M

REMARKS Completed with SB M4D-060 (AD 81-01-06)
Check on 26205 & 26377

THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, OR APPLIANCE IDENTIFIED ABOVE WAS INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF

WORK PERFORMED ARE ON FILE AT THIS AGENCY UNDER W/O NO M54-3501-500

Date 1-14-81 Signed Charles Howell for

AIRESEARCH AVIATION CO. • REPAIR STATION 3760
CAPITOL AIRPORT, SPRINGFIELD, ILLINOIS 62705

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			Complied with AD 76
				by inspection - 90
				engines by inspection -
				to crack installed
				Complied with S/L 755B
				Removed - checked
	D. RB	RB		Rudder & Elevator
				Deep Cycled Battery
Total Car	Total To Carry Forward			

Registration No. _____

and Remarks	Signature	Certificate No.
<p>-10-06 (SB494B) on flap transmissions Service Bulletin 682 on gear door Replaced left forward hinge due Serviceable Aluminum hinge - by lubing gear down lock rods - Balance & re-installed ailerons ^{RB:} with ^{RB:}</p>		
<p>- Re-Sealed Nose Strut -</p>		
<p>Hr. Meter <u>1016 TOTAL</u> Date <u>2-4-81</u></p>		
<p>I certify that in accordance with Piper's Programmed Inspection, the inspection was performed in accordance with the scheduled event (s) inspection and the aircraft is approved for return to service.</p>	<p><i>Tennie [Signature]</i></p>	<p><i>[Signature]</i></p>
<p>W. O. # <u>2882</u></p>	<p>Event(s) <u>Two - 1,000 Hrs.</u></p>	

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
March 17, 1981				
Hobbs 1075 hrs				
Installed New Cabin Comfort Control Assy 48021-00				
Main Panel 7562804 ATP				
New Heater Coil + Orkator installed				
T.C	Total To Carry Forward			

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →		4-8-81	C/W S/B 682 on check of Flap TRANS- of lock Rods; Calibrated Beta Brush Blocks and
Total To Carry Forward				

Registration No. _____

and Remarks	Signature	Certificate No.
GEAR door Hinges, S/W S/B 494B MISSION; C/W S/L 755 B Lubricating Calibrated SAS System; CHANGED Both and adjusted Beta Switches. (end)		
Hr. Meter <u>1104.0 (total)</u> Date <u>4-8-81</u>		
I certify that in accordance with Piper's Programmed Inspection, the inspection was performed in accordance with the scheduled event (s) inspection and the air craft is approved for return to service.		
W. O. # <u>3295</u> Event(s) <u>#1</u>		
Memphis Aero Corporation Repair Station # 4370		
<u>Richard Grant</u> AIP 413152940		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
4-20-81	Hobbs 1125 hr			
	Installed New Vent valve at Nozzle tank			
	Per Kit 964-061			
	Mawin Stahl 1562804 #19			
Total To Carry Forward				

Registration No. _____

and Remarks	Signature	Certificate No.
Aug 25, 1981 Hobbs 1303 hrs Installed New Left Elevator Assy. Rigged & Balance per Pipin Service Manual 753-826		
Installed New tire hose & mains Morris Rankle 1562804 ATP		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
8/28/81	Brought Forward →	1307.9	1307.9	C/W S.B. 682 ON SB 494B ON Flap Repositioning of actuating cylinder, tube. Repaired Rotating hand side. Repaired Repaired LH side door Actuating Motor. —————→
Total To Carry Forward				

Registration No. _____

and Remarks	Signature	Certificate No.
gear door hanger by inspection; TRANSMISSION, SB 705 ON hydraulic hoses on gear door SB 715 ON elevator torque Rotating brake discs on Right parking brake set VALVE 3554.		
Hr. Meter <u>1307.9</u> Date <u>8/28/81</u>		
I certify that in accordance with Piper's Programmed Inspection, the inspection was performed in accordance with the scheduled event (s) inspection and the air craft is approved for return to service.		
W. O. # <u>4039</u> Event(s) <u>1</u>		

Memphis Aero Corporation Repair Station # 4370

E. J. Smith
A&P 351-12-3964

Registration No. _____

and Remarks

Signature

Certificate No.

11/3/81

FAR 91.170

ALTITUDE(S) AND STATIC PRESSURE SYSTEM HAVE BEEN CHECKED
TO MEET ALL SPECIFICATIONS OF APPENDIX E OF PART 43.

ALTITUDE(S) CERTIFIED TO LT 35,000 FEET.

RT. 35,000 FEET. DATE 11/3/81

WO# A204749 SIGNATURE [Signature]

MEMPHIS AERO CORPORATION
F. A. A. REPAIR STATION #4370
MEMPHIS, TENNESSEE

Altimeters Certified to 35,000 ft. ~~by~~

~~by~~

The ATC Transponder Tests and Inspections as
required by FAR 91.177 were performed this
date and found to comply with FAR 43,
Appendix F.

#1	King	KXP755	2622
	Make	Model	S/N
#2	King	KXP755	2428
	Make	Model	S/N

For Details Reference Our Work Order

A204749
11/3/81 [Signature]
Date Inspector

MEMPHIS AERO CORPORATION
INTERNATIONAL AIRPORT
MEMPHIS TN. 38130
REPAIR STATION 4370

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading <i>14665</i>	Maintenance
	This Date	Total		
	Brought Forward →	1427.3	1427.3	
	Ball Deep Cycled, Heater overhaul, Comp. flap inspection, starter splines lubed, Replaced LH beta push-pull cable, Replaced LH main light, Replaced RH fuel Probe Seal.			
Total To Carry Forward				

I certify that in accordance with Piper's Continuous Inspection Plan, Scheduled inspection event(s) 2 1400HR was performed and the Aircraft is approved for return to service.

W.O. # 4560 Hr. Meter 1427.3
 Date: 3/10/81 Signed: [Signature]

Memphis Aero Corporation Repair Station #4370

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →	1530.2	1520.2	
	<p>AD Note 81-23-06 on flap track C/W, 76-100 flap insp C/W. Gear door hinges checked for cracks, Batt top-charged, Heater insp completed. Pilots Coll Window Resealed, Replaced static wick, replaced several rivets in flaps. Checked control cables & coated with Carbyton, Resealed RH gear strut & Brake. Replaced nose tire & bearings.</p>			
			4956	1530.2
Total To Carry Forward			30 Dec 87	Patricia Bone

I certify that in accordance with Piper's Continued Inspection Plan, Scheduled Inspection number 1 was performed and the aircraft is approved for return to service.

Registration No. _____

and Remarks	Signature	Certificate No.
Jan 21, 1982 Hobbs 1558 hrs		
e/w AD Note 50-26-05 Per-(C)	Installed New	
M.G. Door Hinge Assy 47529-32		
e/w Piper Service Bulletin # 734		
Scavenge Pump Check Valve Relocation		
Installed New Combustion Heater Press Sw. and New		
Combustion Heater Motor Brakes.		
Mannin Tables 1562802 ATP		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →	1619.4	1619.4	
	<p>Both Prop Cycled, AD Note 76-10-06 flap inspection Landing gear retraction completed, Heater inspection completed, #1 RH Boost Pump replaced, Cabin Controller replaced, Tip tank light installation completed as per Piper drawing 29012-2, Hot Section inspection completed on LH & RH Engine. A/C test flown & checked OK</p>			
Total To Carry Forward			W.D. # 5373	Hr. Meter 1619.4
			3 Mar 82	Signed: <i>[Signature]</i>

I certify that in accordance with Piper's Continuous Inspection Plan, Scheduled Inspection event(s) 2 was performed and the Aircraft is approved for return to service.

Registration No. _____

and Remarks	Signature	Certificate No.
Removed IDC encoding altimeter SN 1514 and installed IDC loaner SN 273 Checked static system for left side,		
I certify that the static system tests required by FAR Part 91.170 have been performed. W O # <u>13527</u> Date <u>3/15/82</u> Signed <u>[Signature]</u>		

WATHAN FLYING SERVICE, INC.
Municipal Airport, Cedar Rapids, Iowa
FAA Certified Repair Station 3003

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
<p>Installed ^{factory} repaired and recertified IDC Encoding altimeter s/n 1514 and removed loaner altimeter. Checked static system.</p>				
<p style="color: red; font-size: small;">I certify that the static system tests required by FAR Part 21.170 have been performed.</p> <p style="color: red; font-size: small;">W.C. # <u>13539</u></p> <p style="color: red; font-size: small;">Date <u>3-29-82</u></p> <p style="color: red; font-size: small;">Signed <u><i>John Jacobson</i></u></p> <p style="color: red; font-size: x-small;">WATHAN FLYING SERVICE, INC. Municipal Airport, Cedar Rapids, Iowa FAA Certified Repair Station 2003</p>				
Total To Carry Forward				

Registration No. _____

and Remarks	Signature	Certificate No.
6 May 82 Batt top changed, LH & RH gear bushings replaced, gear retraction C/W, antyflow & Safety Valves cleaned, AD note 82-07-03 Heater Rings. C/W, 82-08-06 part II C/W on flaps, 5/ 916 Elw steps C/W A/C Lubed - Aircraft test flown & check OK,		

I certify that in accordance with Piper's Continuous Inspection Plan, Scheduled inspection event(s) 1 was performed and the Aircraft is approved for return to service.

W.O. # 5940 Hr. Meter 1717.5

Date 6 May 82 Signed: Robert Gibson

Memphis Aero Corporation Repair Station #4370

Registration No. _____

Date and Remarks	Signature	Certificate No.
Date 8-13-52 Tach Time 1870 Replace cabin Altitude Controller ^{with} type S/N 996. Replaced Right Engine Delta switch Adjuster & Adjusted.		

Eugene Hall



This is to certify that
this ~~aircraft~~ ^{aircraft} is returned
to service as airworthy.
DES MOINES FLYING SERVICE, INC
E.A.A. APPROVED REPAIR STATION
No. 3782

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →	1908.1	1908.1	
	<p style="font-size: 1.2em;">Both Prop Cycled - Both Compartment Cleaned & Painted, Heater insp. c/w, RH nacelle rubber strip replaced, Outflow Valves checked, Wheel Bearing cleaned & lubed, Jet Col IIT & Torque System, Nose tire replaced, Props Serviced,</p>			
				<p style="font-size: 0.8em; color: red;">I certify that in accordance with Piper's Continuous Inspection Plan, Scheduled Inspection event(s) <u>1</u> was performed and the Aircraft is approved for return to service.</p> <p style="font-size: 0.8em; color: red;">W.D. # <u>6915</u> Hr. Meter <u>1908.1</u></p> <p style="font-size: 0.8em; color: red;">Date: <u>8/2/82</u> Signed: <u>[Signature]</u></p> <p style="font-size: 0.8em; color: red;">Memphis Aero Corporation Repair Station #4370</p>
Total To Carry Forward				

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Registration No. _____

Description and Remarks	Signature	Certificate No.
18 NOV 82 Batt Top charged - AD Note 82-07-03 Heater Press checked - next due at 334.3 Heater hrs. 5/B 731 Heater thermal switch, 5L 956 Cabin door cable mod c/w. SAS Spring replaced, Replaced several rivets in flaps, Nose gear down lock rod end replaced, Heater Combustion Blower Motor & Plug replaced.		

I certify that in accordance with Piper's Continuous
Inspection Plan, Scheduled inspection event(s) 2
was performed and the Aircraft is approved for return
to service.

W.O. # 7389 Hr. Meter 2013.2
Date 18 NOV 82 Signed: Robert Gibson
Memphis Aero Corporation Repair Station #4370

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →	2122.4	2122.4	
				Both Deep cycled, Elw Bellcrank replaced, tail nav. light Bulb replaced, Repaired RT side cabin Seat, Bath Box Cleaned & Painted, LH & RH Main Tires replaced, Repaired Both Temp. Probe, AD 82-08-06 flap transmission checked - due @ 100 hrs, Baggage door leather trim replaced,
Total To Carry Forward				

I certify that in accordance with Piper's Continuous Inspection Plan, Scheduled inspection event(s) 1 was performed and the Aircraft is approved for return to service.

W.O. # 7743 In Motor 2122.4
 Date 12 Jun 83 Signed: Robert H. [Signature]

Registration No. _____

Date and Remarks	Signature	Certificate No.
26 JAN 83 REMOVED #2 COMPASS SYSTEM 332E4 D.G.		
SN 932 INSTALLED EXCHANGE UNIT SN 1407. REMOVED,		
REPAIRED + REINSTALL #2 COMPASS SYSTEM SLAVE ACCESSORY		
328A-36 SN 1407	<u>LuK T. Dandabek</u>	
	for: AiResearch Aviation Co.	
	Repair Station 3760	Springfield, Ill.

P/N
 MOD
 SER. NO.
 The Appliance
 accordance with
 and is approved
 Pertinent details
 W/O No. 16218
 By
 B & S Aircraft Parts
 S. Mosley, Wichita
 Certified Repair S

AIRCRAFT LOG

	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
Brought Forward →				
March 4, 1983 Hobbs 2197hr				
Replace #2 Boost Pump left side				
with O/A Unit Ref to Maintenance				
release tag by B+S A/c Parts S/N B-2647				
Marvin Ruch 1562804 PTP				
Total To Carry Forward				

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Registration No. _____

and Remarks	Signature	Certificate No.
23 Mar 83 Both deeg cycled, AD note 82-27-13 flaps trans checked. Next due at 2326.5, AD note 82-07-03 Heater pres checked. next due at 423.7 heater hr, S/B 754 Condenser fan impeller c/w. Repaired RH Wing Boot, nose tire replaced, RH Brake reseeded, gear retraction completed, aircraft lubed, all wheel Bearings lubed & checked,		

I certify that in accordance with Piper's Continuous
Inspection Plan, Scheduled inspection event(s) 2
was performed and the aircraft is approved for return
to service.

W.O. # 8399 Hr/Meter 2226.5

Date 23 Mar 83 Signed: Robert C. Son

Memphis Aero Corporation Repair Station #4370

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →	2340.0	2340.0	
AD 82-27-13				Bald Top Charged, flap transmission checked, next due at 24400 HRS SB 715A Elw torque tube c/w, LH cowling repaired & lip decer Boot replaced, Aileron Cable Tension checked, Wing Boot decer Valve replaced s/n on 1527, outflow & Safety Valves cleaned, all wheel Bearings cleaned & lubed, Pilots Wiper Blade replaced, Cabin Door hinge rubber cover replaced, A.O.A. Sensor replaced s/n on 1627,
Total To Carry Forward				

I certify that in accordance with Piper's Continuous Inspection Plan, Scheduled inspection event(s) _____ was performed and the Aircraft is approved for return to service.

W.O. # 9043 In. Meter 2340.0
 Date 2 June 83 Signed: Robert D. Gorn

Registration No. _____

and Remarks

Signature

Certificate No.

20 July 83 Both legs cycled, AD 83-08-01
Prop Bolts replaced, all wheel Bearings
checked & lubed, gear retraction c/w, RH
lip Boot reglued, Landing Gear hoses pres
checked, radome repainted, several rivets
replaced in RH flap, LH Brake Piston
insulators replaced, Econ Both Connector
checked & cleaned. AD Note 82-27-13 flap
transmission checked,

I certify that in accordance with Piper's Continuous
Inspection Plan, Scheduled Inspection event(s) 2
was performed and the Aircraft is approved for return
to service.

W.O. # 9481 Hr. Meter 24223

Date 20 July 83 Signed: Robert H. Goan

Memphis Aero Corporation Repair Station #4370

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
2 Aug. 83				
	Replace A/c Compressor drive belt.			
	E. Evler ATP 1410000 For			
	ATLANTIC AVIATION CORP. HOUSTON, TEXAS			
Total To Carry Forward				

9/28/

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Registration No. _____

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and Remarks

Signature

Certificate No.

9/28/83

FAR 91.171

ALTIMETER(S), ALTITUDE REPORTING EQUIPMENT AND STATIC PRESSURE SYSTEM HAVE BEEN INSPECTED AND MEET ALL SPECIFICATIONS OF APPENDIX E OF 43

ALTIMETER SENSITIVE TO 35,000' S/N J1514 FEET.,
RT. 35,000' S/N J1578 F ET. DATE 9/28/83

WO# 10112 SIGNATURE K. Miller
MEMPHIS AERO CORPORATION
F. A. A. REPAIR STATION #4370
MEMPHIS, TENNESSEE

The ATC Transponder Tests and Inspections as required by FAR 91.172 were performed this date and found to comply with FAR 43, Appendix F.

#1	King	KXP-755	2428
	Make	Model	S/N
#2	King	KXP-755	2622
	Make	Model	S/N

For Details Reference Our Work Order

10112
9/28/83 Date K. Miller Inspector

MEMPHIS AERO CORPORATION
INTERNATIONAL AIRPORT
MEMPHIS TN. 38130
REPAIR STATION 4370

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →	2548.9	2548.9	
				<p>Props Serviced, jet cool. torque & TIT System, AD 82-27-13 Flap transmission checked ok, next due at 2648.9 hrs, Heater igniter cleaned, LH Amp meter shut & gen Sol. replaced, Both connectors cleaned, Aircraft lubed, Airconditioning System Serviced, drive Belt replaced, Rotating disc & press plate replaced in LH Brake LH floor door hinges Bumpers replaced</p>
Total To Carry Forward				

I certify that in accordance with Piper's Continuous Inspection Plan, Scheduled inspection event(s) 1 was performed and the Aircraft is approved for return to service.

W.D. # 10112 Hr. Meter 2548.9

Signed: [Signature]

Piper Aircraft Corporation Repair Station #4370

and Remarks

INSTALLED

LEAK TEST

I certify that this log has been properly filled out.

W. C. # 152

Date 11-2-77

Signed [Signature]

Registration No. _____

and Remarks	Signature	Certificate No.
INSTALLED ENCODING ALTIMETER S/N 648 AND PERFORMED STATIC SYSTEM LEAK TEST.		
<p><small>Verify that the static system tests required by FAR Part 91.171 have been performed.</small></p> <p>W.O. # 15295 Date 11-22-83 Signed <u>Roger E. Mason</u> WATHAN FLYING SERVICE, INC. Municipal Airport, Cedar Rapids, Iowa FAA Certified Repair Station 3003</p>	<p>The repairs noted above are approved for return to service. Details of this repair on file at this facility under W.O. # 15295 Date 11-22-83 Tech 2623 Signed <u>Roger E. Mason</u> WATHAN FLYING SERVICE, INC. Municipal Airport, Cedar Rapids, Iowa FAA Certified Repair Station 3003</p>	

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
12-19-83	Removed IDC (Pilot's) encoding ALT Joamer SN 648 Installed Repaired Unit IDC (Pilot's) encoding ALT PIN 519-72702-031 SN 1514. STATIC Leak Test was performed and found to comply with FAR 91:171.			
			Michael Hutchens	
			WO# 10911	
Total To Carry Forward				

MEMPHIS AERO CORPORATION
 AVIONICS DEPARTMENT
 A. M. F. P. O. BOX 30105
 MEMPHIS, TN 38130
 REPAIR STA. # 4370

Registration No. _____

ance

and Remarks

Signature

Certificate No.

648

21 Dec 83 AD 82-27-13 flap jack screws checked,
82-07-03 C/W. New heater install. due Cross
check at 517.0 heater time, Prop Sync. Control Computer
replaced - S/W on 1821297u, all wheel Bearings lubed &
checked, Both Dep cycled, Tail Service Boots
patched, nose tire replaced, RA Brake resealed,
#2 LH Boost Pump replaced, S/W on B-2105, aircraft
lubed - Props Serviced.

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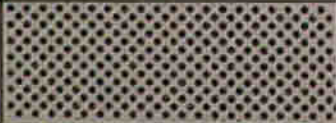
I certify that in accordance with Piper's Continuous
Inspection Plan, Scheduled inspection event(s) 2
was performed and the Aircraft is approved for return
to service.

W.C. # 10911 Hr. Meter 2660.0

Date 21 Dec 83 Signed: Robert H. Con

Memphis Aero Corporation Repair Station #4370

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance	and Remo
	This Date	Total			
	Brought Forward →				
Jan 24, 1984	Hobbs	2890.6			
Aircraft Inspected I/A/W a special					
Flight Permit to Joffco Airport, Broomfield, Co.					
for maintenance to c/w Piper SB# 773					
Mamin Roehck 1562804 HAP					
1-27-84			2693.7	C/W PIPER SB 773	B9 IN
				WEIGHT : BALANCE	AMEN
Total To Carry Forward					

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →	2766.1	2766.1	
82-27-13				Both tops charged checked water - had to deep cycle Batt, AD flap transmission checked, outflow valve cleaned & checked, all wheel bearings cleaned & lubed, aircraft lubed, Pilots RH master cyl. replaced, aircondition system serviced, Batt Connector replaced, Cabin door hinge Seal replaced, Cabin door Panel replaced AD 84-02-08 Oxygen Bottle O/A
Total To Carry Forward				

I certify that in accordance with Piper's Continuous Inspection Plan, Scheduled inspection event(s) 1 was performed and the Aircraft is approved for return to service.

W.O. # 8211 Hr. Meter 2766.1
 Date: 29 Mar 84 Signed: [Signature]

and Remo
Insta
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JK

Registration No. _____

and Remarks	Signature	Certificate No.
installed IDC LOANER ALTIMETER		
S/N 1321. Checked pilots static Sys.		
MEMPHIS AERO CORPORATION AVIONICS DEPARTMENT A. M. F. P. O. BOX 30105 MEMPHIS, TN 38130 REPAIR STA. #4370		
J Lucas WO# 208211		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance	and Remarks
	This Date	Total			
<i>MMMM</i>	Brought Forward →				
				REMOVED LOWER ALTIMETER S/N 1321 - INSTALLED REPAIRED	
				ENCODING ALTIMETER S/N 1514 - PERFORMED STATIC SYSTEM TEST AND ENCODING SYSTEM	
				INTERGRATION TEST PER FAR 91.171 PART 43 APPENDIX E PARAGRAPH (c).	
<p style="font-size: small; color: red;">I certify that the static system tests required by FAR Part 91.171 have been performed.</p> <p style="font-size: small; color: red;">W. O. # <u>15090</u></p> <p style="font-size: small; color: red;">Date <u>4-24-84</u></p> <p style="font-size: small; color: red;">Signed <u>Roger E Mason</u></p> <p style="font-size: small; color: red;">WATHAN FLYING SERVICE, INC. Municipal Airport, Cedar Rapids, Iowa FAA Certified Repair Station 3003</p>					
			<p style="font-size: small;">The repairs noted above are approved for return to service. Details of this repair are in file at the facility under</p> <p style="font-size: small;">W. O. # <u>15090</u></p> <p style="font-size: small;">Date <u>4-24-84</u> Tech <u>2802</u></p> <p style="font-size: small;">Signed <u>Roger E Mason</u></p> <p style="font-size: small;">WATHAN FLYING SERVICE, INC. Municipal Airport, Cedar Rapids, Iowa FAA Certified Repair Station 3003</p>		
Total To Carry Forward					

13 June 8

Bulkhead

87-27-1

Blower mo

replaced,

Valve cl

all whe

Heater

Registration No. _____

and Remarks	Signature	Certificate No.
13 June 84 Batt Top charged, AD 84-08-06 Bulkhead insp. PCW. Kit has been install, AD 87-27-13 flap transmission checked, Condenser Blower motor replaced, S/W on 1872, Cabin trim Panel replaced, several rivets replaced in Flaps, Outflow Valve cleaned, LH gear uplock roller replaced, all wheel bearings cleaned & lubed, APC lubed, Sector 100HR completed,		

I certify that in accordance with Piper's Continuous
Inspection Plan, Scheduled inspection event(s) 2
was performed and the Aircraft is approved for return
to service.

W.O. # 8905 Hr. Meter 2867.0

Date 13 June 84 Signed: Robert H. Brown

Memphis Area Corporation Repair Station #4370

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance	and Remarks
	This Date	Total			
8/20/84	Brought Forward →	—	2960.9	SERVICED AIR COND.	29 Aug
With respect to the work performed, this <u>AIRCRAFT</u> is determined to be in airworthy condition and is approved for return to service.				CONDITIONING SYSTEM WITH	wing
WORK PERFORMED BY <u>B. OUSKEY</u>				FREON 1AW PA-31T	on
INSP. SIG. <u>Stephen P. [Signature]</u>				MAINT. MANUAL. OPS.	flap
DATE <u>July 20, 1984</u>				CHECKED OK, FOR DETAIL	tire -
Midcoast Aviation Services, Inc. Lambert Field St. Louis, Missouri 63145 FAA Certificated Repair Station No. 4307				REFER TO W.O. # 188	
<hr/>				ON FILE AT THIS	
<hr/>				REPAIR STATION.	
<hr/>					
<hr/>					
Total To Carry Forward					

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →	3069.4	3069.4	
				<p>AD 82-07-03 c/w next due at 617.0, motor cleaned inside, air cycle switch replaced, igniter plug replaced, fuel pump & regulator replaced on motor, Post light on lock replaced, gear retraction completed, all wheel bearings cleaned & lubed, aircraft lubed, AD 82-27-13 plug transmission c/w, props balanced,</p>
				<p style="font-size: small; color: red;">I certify that in accordance with Piper's Continuous Inspection Plan, Scheduled inspection event(s) <u>2</u> was performed and the Aircraft is approved for return to service.</p> <p style="font-size: small; color: red;">W.O. # <u>00151</u> Hr. Meter <u>3069.4</u></p> <p style="font-size: small; color: red;">Date <u>30 Nov 84</u> signed: <u>[Signature]</u></p> <p style="font-size: small; color: red;">Memphis Aero Corporation Repair Station #4370</p>
Total To Carry Forward				

and Remarks

27 Feb 84

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AD 82-

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Registration No. _____

and Remarks	Signature	Certificate No.
27 Feb 85 Both Deeg cycled - all cells cleaned & new washers install, all wheel Bearings cleaned & lubed S/A 779A Landing Gears c/w, Heater 100 Hz c/w AD82-27-13 flap transmission c/w, static Wich replaced on LH tip tank, Aircraft labeled Serviced oxygen, replaced several rivets in LH flap. gear retraction c/w, landing light replaced, crossfeed valve replaced, fuel end replaced on LH outboard gear door.		

W.O. # 762
27 Feb 85
Signed: Robert [Signature]
3106.6
Repair Station #4370

Registration No. _____

and Remarks	Signature	Certificate No.
27 Feb 85 B&B Deep cycled. all cells cleaned & new washers install, all wheel Bearings cleaned & lubed		
S/N 7794 Landing Gear C/W, Heater 100 Hz C/W		
D82-27-13 flap transmission C/W, static wick replaced on LH tip tank, Aircraft labeled Serviced & gear, replaced several rivets in LH flap. gear retraction C/W, landing light replaced, crossfeed valve replaced, Redundant Refuel on LH outboard gear door.		

W.O. # 762
 27 Feb 85 *Robert [Signature]* 3106.6
 Repair Station #4370