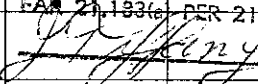
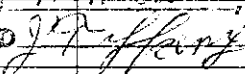
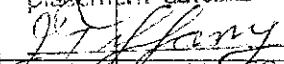


AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
FEB 8 1983	Brought Forward →	4.1	I HAVE INSPECTED THIS AIRCRAFT AND ISSUED A STANDARD AIRWORTHINESS CERTIFICATE DATED FEB 8 1983 FAR 21.183(a) PER 21.273.	I/A/W
			<div style="text-align: right; margin-right: 50px;">  FAA DOA SO-T </div>	
			THE ALTIMETER AND STATIC SYSTEM TESTS REQUIRED BY FAR PART 91.179 HAVE BEEN PERFORMED. THE ALTIMETER 1 HAVE BEEN TESTED TO 35,000 FT. ON (L) 11-11-82 (R) 2/19	
			SIGNED  DATE FEB 8 1983	
			<div style="border: 1px solid black; padding: 5px; width: fit-content; margin: auto;"> The ELT is installed per FAR 91.52. Battery replacement date 5-22-84  D.O.A. No. SO-1 Piper Aircraft Corp. </div>	
Total To Carry Forward		4.1		

Registration No. N4293X

and Remarks	Signature	Certificate No.
<p>The ATC Transponder Tests and Inspections required by FAR 91.177 were performed this date and found to comply with FAR 43, Appendix F.</p> <p>ATC Transponder:</p> <p>1. Make <u>King</u> Model <u>KT77A</u> S/N <u>1297</u></p> <p>2. Make <u>N/A</u> Model <u>N/A</u> S/N <u>N/A</u></p> <p>Details of this inspection are on file at this facility under S/N <u>8333043</u> Date <u>1-12-83</u>.</p> <p>C. A. Inspector <u>J. D. Jeffery</u> <small>FRENCH AIRCRAFT CORP. VERO BEACH, FLORIDA</small></p>		

THE AUTOMATIC PRESSURE ALTITUDE REPORTING EQUIPMENT TESTS REQUIRED BY FAR PART 91.85 HAVE BEEN PERFORMED THIS

DATE: 1-12-83 SIGNED: J. D. Jeffery

THE R-NAV SYSTEM AS INSTALLED HAS BEEN TESTED AND COMPLIES TO THE PERTINENT CONDITIONS OF A.C. 90-45A FOR IFR OPERATIONS.

SIGNED J. D. Jeffery DATE 1-14-83

Registration No. N4293X

and Remarks	Signature	Certificate No.
<p>The ATC Transponder Tests and Inspections required by FAR 91.177 were performed this date and found to comply with FAR 43, Appendix F.</p> <p>ATC Transponder:</p> <p>1. Make <u>ISOG</u> Model <u>KT77A</u> S/N <u>1277</u></p> <p>2. Make <u>N/A</u> Model <u>N/A</u> S/N <u>N/A</u></p> <p>Details of this inspection are on file at this facility under S/N <u>8333043</u> Date <u>1-12-83</u></p> <p>C. A. Inspector <u>J. Jeffery</u></p> <p>EVER AIRCRAFT CORP. 3600 BRASS, FLORIDA</p>		
<p>THE AUTOMATIC PRESSURE ALTITUDE REPORTING EQUIPMENT TESTS REQUIRED BY FAR PART 91.35 HAVE BEEN PERFORMED THIS</p> <p>DATE: <u>1-12-83</u> SIGNED: <u>J. Jeffery</u></p>	<p>THE R-NAV SYSTEM AS INSTALLED HAS BEEN TESTED AND COMPLIES TO THE PERTINENT CONDITIONS OF A.C. 90-45A FOR IFR OPERATIONS.</p> <p>SIGNED <u>J. Jeffery</u> DATE <u>1-14-83</u></p>	

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
MAR. 23, 1984	Brought Forward →	TACH - 61.6 HOURS		
	COMPLETED ANNUAL INSPECTION IN ACCORDANCE WITH PIPER INSPECTION FORM. ADJUSTED STABILATOR CABLE TENSIONS. ADJUSTED AILERON CABLE TENSIONS. ADJUSTED PITCH FEEL STOPS IN ACCORDANCE WITH PIPER SERVICE MANUAL			
	ELT DUE MAY '84			MAINTENANCE RELEASE The component identified was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair are on file at this repair station under Work Order 1328.
<p>I CERTIFY THAT THIS AIRCRAFT</p> <p>HAS BEEN INSPECTED IN ACCORDANCE</p> <p>WITH AN ANNUAL INSPECTION AND WAS</p> <p>FOUND TO BE IN AN AIRWORTHY CONDITION</p>				<p>Date <u>3-22-84</u> Signed <u>[Signature]</u> for CRS Crystal Shamrock, Inc. 6000 Douglas Drive No. Mpls., MN</p>
Total To Carry Forward				

Registration No. _____

and Remarks

Signature

Certificate I

April 5, 1984 TACH 61.6 HOURS

REPLACED EXISTING PAGES WITH PAGES FURNISHED
 WITH REVISION IN ACCORDANCE WITH PIPER REPORT
 NUMBER VB-1110 REVISION # 7 REVISIONS WERE MADE
 IN PILOTS OPERATING HANDBOOK

MAINTENANCE RELEASE

The component identified was repaired and inspected in accordance
 with current regulations of the Federal Aviation Administration and
 is approved for return to service. Pertinent details of the repairs
 are on file at this repair station under Work Order N/A

Date 4-5-84 Signed [Signature] for CRS 3409.

Crystal Shamrock, Inc. 6000 Douglas Drive No. Mpls, MN 55429

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
July 18, 1984	Brought Forward →			INSTALLED NEW ELT BATTERY & TESTED ELT. NON DUE DATE MAY, 1986 A.C. 3. H. FOR CRS 3409
SEP. 7, 1984				HOBBS 157.2. COMPLETED WITH ANNUAL INSP. IN ACCORDANCE WITH PIPER PA 34-220T SERVICE MANUAL. REPLACED PROPELLOR SYNC INDICATOR BOLD. SERVICED BATTERY. ELT BATTERY DUE MAY 1986. ADJUSTED STABILATOR TRAVEL IN ACCORDANCE WITH THOSE SET FORTH IN
Total To Carry Forward				

Registration No. _____

and Remarks	Signature	Certificate No.
<p>PIPER PA 31-220T SERVICE MANUAL.</p> <p>I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN <u>ANNUAL</u> INSPECTION AND WAS FOUND TO BE IN AN AIRWORTHY CONDITION</p>	<p>REF w/o t</p> <p>MAINTENANCE RELEASE</p> <p>The component identified was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repairs are on file at this repair station under Work Order <u>1367</u></p> <p>Date <u>9/7/84</u> Signed <u>[Signature]</u> for CRS 3409 Crystal Shamrock, Inc. 6000 Douglas Drive No., Mpls., MN 55429</p>	<p>3707</p>
<p>Oct. 9, 1984 Hobbs 190.0</p> <p>Replaced existing pages in Airplane flight manual/Pilots operating handbook with pages furnished with Revision number PR 840917 dated September 17, 1984 in accordance with Piper Report number VB-110 Revision number 8 J/Ranning ATP47162125</p>		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
12-12-84	HOBSBS 216.0			
<p>The static pressure system and altimeter instrument were inspected and tested <u>12-12-84</u> to an altitude of <u>35</u> thousand feet and found to comply with FAR 91.171. The ATC transponder was tested and inspected <u>12-12-84</u> and found to comply with FAR 91.172(a). Automatic altitude reporting equipment was tested and calibrated <u>12-12-84</u> in compliance with FAR 91.36 (b). Transponder manufacturer <u>KXG</u> 12-19 s/n <u>1277</u></p>				
<p>CRYSTAL SHAMROCK CRS-3409 Signature: <u>Larry Clarke</u> For CRS-3409 FAA Cert. # <u>CRS 23409</u></p>				
<p>DECEMBER 18, 1984 HOBSBS 220.0 INSTALLED ALL NEW O-RINGS IN NOSE WHEEL STRUT REV. 13906</p>				
<p style="text-align: right;">MAINTENANCE RELEASE</p> <p>The component identified was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Further details of repairs are on file at this repair station under Work Order <u>13906</u></p>				
Total To Carry Forward				

Date 12/18/84 Signed Michael W. Bunker for CRS 340
 Crystal Shamrock, Inc. 6000 Douglas Drive No. 1016 MN 55422

Registration No. _____

and Remarks	Signature	Certificate No.
<p>JANUARY 11, 1985 - #0385 223.8 INSTALLED NEW BOTTOM SIDE O-RINGS ON NOSE GEAR STRUT AND RT MAIN GEAR STRUT. REPLACED SCHROEDER VALVE CORE IN RT MAIN GEAR STRUT BLEED BRAKES.</p>		
MAINTENANCE RELEASE		
<p>The component identified was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Further details of the repairs are on file at this repair station under Work Order 13952</p>		
<p>Date <u>1/11/85</u> Signed <u>[Signature]</u> for ORB 2439 Crystal Shamrock, Inc. 6000 Pugh's Drive No., St. Louis, MO 63121</p>		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
FEB 5, 1985	Brought Forward →	TACH. 224.0	REPLACED BOTTOM ORINGS IN BOTH MAIN STRUTS. REPLACED INNER O-RING WITH COLD WEATHER T-SEAL PN# 483-082. REPLACED COMPRESSION RING PN# 484-828 IN THE RIGHT MAIN STRUT. REPLACED BRAKE LININGS IN RIGHT BRAKES.	
			MAINTENANCE RELEASE This repair was performed and inspected in conformance with current regulations of the Federal Aviation Administration and is approved for return to service. Further details of the reports are on file at this location under Work Order <u>1404</u> Date: <u>2/5/85</u> signed: <u>Amithas Baha</u> CR-080 5109 Clyde Shank, Inc. 5003 Douglas Drive No., Wipac, MN 55429	
Total To Carry Forward				

Registration No. 4293X

and Remarks	Signature	Certificate No.
<p>3-13-85 TACH & TT AIRCRAFT; 268 HRS. Completed Annual AL Inspection as per Piper Inspection Guide sheets. Re Torque of LT & RT Fuel Tank In-BD Transmitter Mounting screws. Readjusted Rudder Cable Tension. Readjusted STAB TRIM Cable Tension. Replaced RT out-BD Fuel Quick Drain, removed connection from ^{RTd} LT-Peep Dome.</p>		
<p>Replaced Casso door seal, ref sheet w/ #1422 For detailed Replaced BATTERY WITH GILL B-35, so CO 801657. Replaced HTF ^{with} ^{with} ^{with} weak performed (2 OK Fire bottles) PARTS THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE Annually and was FOUND TO BE IN AN AIRWORTHY CONDITION 1422 3-13-85 Signed <u>C. Maitland</u> for CRS 3409 Crystal Shamrock, Inc. 6510 Louisa Drive, Maple, MN 55126 E.L.T. BATTERY Due: (5-1-86)</p>	<p><u>C. Maitland</u> for</p>	<p>FOR CRS 3409</p>

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
May 30 1985	Tach Time 314 hours.		Installed New hinges on front Cabin Door. Adjusted and Lubed upper latch on Baggage Door.	
MAINTENANCE RELEASE				
The component identified was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repairs are on file at this repair station under Work Order <u>14092</u>				
Date <u>5-30-85</u> Signed <u>Duane Olson</u> for CRS 3409 Crystal Shamrock, Inc. 6000 Douglas Drive No., Mpls., MN 55429				
June 24, 1985	Tach time 344 hours.		Paralleled both voltage Regulator	
MAINTENANCE RELEASE				
The component identified was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repairs are on file at this repair station under Work Order <u>14293</u>				
Date <u>6-24-85</u> Signed <u>Duane Olson</u> for CRS 3409 Crystal Shamrock, Inc. 6000 Douglas Drive No., Mpls., MN 55429				
Total To Carry Forward				

Registration No. _____

and Remarks	Signature	Certificate No.
7-5-85 Tach and Total Time 365 hours. Completed 100 hour Inspection as per Piper Inspection Sheet. Repositioned Hydraulic Lines to Landing Gear.		
I CERTIFY THAT THIS <u>Aircraft</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>100 hour</u> INSPECTION AND WAS FOUND TO BE IN AN AIRWORTHY CONDITION <u>Duane O Amason</u> FOR CRS 3409	MAINTENANCE RELEASE The component identified was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repairs are on file at this repair station under Work Order <u>14293</u> Date <u>7-5-85</u> Signed <u>Duane O Amason</u> for CRS-3409 Crystal Shamrock, Inc. 6000 Douglas Drive No., Mpls., MN 55429	

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
<p>7-19-85 Tach Time 384 hours. Tightened Throttle Friction Lock. Replace Left and Right Main tires. Replaced 2 overhead Passenger Lights. Repositioned Right ignition lead. Repositioned Prop de-ice wires. SAftied prop dome screws. Adjusted Rudder cable tension. Adjust Rudder trim cable tension. Adjusted Stabilator trim cable tension. Resealed Left prop de ice boots outer Edge.</p>				
<p>MAINTENANCE RELEASE</p> <p>The component identified was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repairs are on file at this repair station under Work Order <u>14293</u></p>				
Total To Carry Forward			Date <u>7-19-85</u> Signed <u>Duane Olson</u> for CRS 3409	Crystal Shamrock, Inc. 6000 Douglas Drive No., Mpls., MN 55429

and remarks

Signature

Certificate No.

9-25-85 TACH Time: 425 HRS. Replaced RT-MAIN
Wheel BRAKE LININGS.

MAINTENANCE RELEASE

The component identified was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repairs are on file at this repair station under Work Order 19546

Date 9-25-85 Signed E. Marten for CRS 3409
Crystal Shamrock, Inc. 6000 Douglas Drive No., Mpls., MN 55429

10-4-85 TACH Time: 425 HRS. Replaced RT-
Wing Tip Remains Mounted Next From RT-MAIN
FILERS FAILING EDGE.

MAINTENANCE RELEASE

The component identified was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repairs are on file at this repair station under Work Order 19546

Date 10-4-85 Signed E. Marten for CRS 3409
Crystal Shamrock, Inc. 6000 Douglas Drive No., Mpls., MN 55429

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
10-18-85	Hobbs & TT AIRCRAFT: 465. HAS COMPLE 100 HR INSPECTION AS PER PA34-220T SERVICE MGR LIST OF minor REPAIR WORK ON FILE W/ #14609 PERFORMED E.L.T. OPS I CERTIFY THAT THIS AIRCRAFT TEST. HAS BEEN INSPECTED IN ACCORDANCE WITH A ANNUAL INSPECTION AND WAS FOUND TO BE IN AN AIRWORTHY CONDITION NOTE: received next 100HR TO BE: (557 Hrs) on			MAINTENANCE FOR OPS
10-21-85	Hobbs Time: 475. HAS. REPLACED RT- BRAKE LININGS, REPLACED LT & RT wing FUEL TRANSMITTER BASKETS (YEAR) ADJUSTED AILERON CABLE TENSION, REPLACED RT-WING			
Total To Carry Forward	Cable			

Registration No. _____

and Remarks	Signature	Certificate No.
<p>Stroke Line Bulb. re-insulated LT-prop device Wires,</p> <p>MAINTENANCE RESPONSE The component identified was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Permanent repair records are on file at this repair station under Work Order <u>14609</u></p> <p>Date <u>11-2-85</u> Signed <u>C. Mathias</u> for CRS 3409 Crystal Shamrock, Inc. 6000 Douglas Drive No., Mpls., MN 55412</p>		
<p>11-7-85 Hobbs Time: 490.8 HRS. Replaced prop device system circuit breaker.</p> <p>MAINTENANCE RESPONSE The component identified was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Permanent repair records are on file at this repair station under Work Order <u>14609</u></p> <p>Date <u>11-7-85</u> Signed <u>C. Mathias</u> for CRS 3409 Crystal Shamrock, Inc. 6000 Douglas Drive No., Mpls., MN 55429</p>		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
11-25-85	Hobbs Time: 503 HRS. Compliance WITH: AD82-0703 (PART-B) (TANTALUM HEATER DELAY TEST) I.A.W. TANTALUM INSTRUCTION #24EJ5-1 Due on 100HR HTR TEST OR 24 MONTHS WHICHEVER COMES FIRST.			
	TANTALUM HEATER DELAY TEST The compliance with this test is required on... (Faint text continues)			
	11-25-85 @ Martins Crystal... (Faint text continues)			
Total To Carry Forward				

Registration No. _____

and Remarks	Signature	Certificate No.
<p>12-9-85 Hobbs Time 516.7 hours Installed Lt. Recog. Light Bulb.</p> <p><small>MAINTENANCE REPORT</small></p> <p><small>The work on this aircraft was performed in accordance with the instructions of the FAA and the manufacturer's instructions. The work was performed by the following personnel:</small></p> <p><small>Date: 12-9-85</small></p>	<p><i>Duane Olson</i></p> <p><small>FAA License No. 14746</small></p>	
<p>12-13-85 Hobbs Time 523. hours. Paralleled Voltage Regulators Replaced Right hand throttle Cable. Replaced Heater Air Switch.</p> <p><small>MAINTENANCE REPORT</small></p> <p><small>The work on this aircraft was performed in accordance with the instructions of the FAA and the manufacturer's instructions. The work was performed by the following personnel:</small></p> <p><small>Date: 12-13-85</small></p>	<p><i>Duane Olson</i></p> <p><small>FAA License No. 14764</small></p>	

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
1-14-86	Brought Forward →	530. hours	Hobbs	<p>Resealed Nose Gear and Rt. MAIN gear End caps on actuators. Resealed all 3 Landing Gear Struts.</p> <p style="text-align: center;">MAINTENANCE RELEASE</p> <p>The component identified was repaired and inspected in accordance with the current regulations of the Federal Aviation Administration and approved by the repair station. The number of the repair station is 14854.</p> <p>Date: 1-14-86 Signed: <i>Duane Johnson</i> for CRS 34 Crystal Glass, Inc. 6070 Douglas Drive No., Mpls., MN 554</p>
1-22-86		530. hours		<p>Resealed Nose strut with "T" Seal</p> <p style="text-align: center;">MAINTENANCE RELEASE</p> <p>The component identified was repaired and inspected in accordance with the current regulations of the Federal Aviation Administration and approved by the repair station. The number of the repair station is 14855.</p> <p>Date: 1-22-86 Signed: <i>Duane Johnson</i> for CRS 34 Crystal Glass, Inc. 6070 Douglas Drive No., Mpls., MN 554</p>
Total To Carry Forward				

Registration No. _____

and Remarks	Signature	Certificate No.
1-29-86 - Hobbs 543 hours Serviced Nose Strut and Installed New Fire Extinguisher + Bracket.		
MAINTENANCE RELEASE		
This component identified was repaired and inspected in accordance with current regulations of the Federal Aviation Administration, and is approved for return to service. For short description of the repairs and on the aircraft operation under Work Order #14879		
Date: 1-29-86 Signed: Duane O. Quinn for CRS 3409 Crystal Shoprock, Inc. 6000 Douglas Drive No., Mpls., MN 55429		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
2-24-86	Hobbs	IT 5870	was	
2-27-86	Hobbs 56.2 hours Completed Annual Inspection in accordance with Piper inspection sheet. Performed Inspect and Test on E/T. Tightened B Nuts on Nose Gear Actuator. Installed spiral wrap on Brake Lines. Installed New Clamp on Pt Eng upper Deck Line. Fire Extinguisher is full.			
MAINTENANCE RELEASE				
The component identified was repaired and inspected in accordance with current Piper maintenance manual and approved repair procedure on file at Piper Aircraft Corporation, Indian Wells, California 91542.	I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>Annual</u> INSPECTION AND WAS FOUND TO BE IN AN AIRWORTHY CONDITION.			
Date: <u>2-27-86</u>	Signed: <u>Steve Johnson</u> for CRS 3409		<u>Steve Johnson</u> CRS 3409	
Crystal Shamrock, Inc. 1833 Decatur Drive No., Mpls., MN 55429	Total To: <u>2-27-86</u>			
Carry Forward	Inspected. Oxygen Bottle - no defects noted			

E. J. ... FOR CRS 3409

Registration No. _____

and Remarks	Signature	Certificate No.
<p>6-4-86 Hobbs Time: 601. Rechecked E.L.T. See # A20385 FLR Rep. 41.25.</p> <p style="text-align: center;">MAINTENANCE RELEASE</p> <p>The component identified was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repairs are on file at this repair station under Work Order <u>15-167</u></p> <p>Date <u>6-4-86</u> Signed <u>[Signature]</u> for CRS 3409 Crystal Shamrock, Inc. 6000 Douglas Drive No., Mpls., MN 55429</p>		
<p>6-10-86 Home Station 615</p> <p>Weighted PIC High platform scales with full fuel & six seats, see flight manual for info</p> <p style="text-align: center;">ELLIOTT FLYING SERVICE, INC. FLYING CLOUD FIELD 13801 PIONEER TRAIL EDEN PRAIRIE, MINN. 55344</p> <p style="text-align: center;">CERTIFIED REPAIR STATION, C14-6</p> <p style="text-align: center;"><u>[Signature]</u> Authorized Inspector</p>		

and Remarks

Signature

8-27-86. ^{TOTAL TIME:} TACH TIME: 667.5 HRS. Completed
 ANNUAL Inspection per Piper Inspection Guide
 Sheets. Replaced AIR FILTER LT-Engine.
 Adjusted nose gear down MICROSWITCH FOR INDICATOR
 E.L.T. FUNCTION TEST - NORMAL. OXYGEN SYSTEM

FUNCTION TEST - NORMAL.

FUNCTION TEST IN AIRCRAFT
 WAS CONDUCTED IN ACCORDANCE
 WITH AN ANNUAL INSPECTION AND WAS

The component identified was repaired in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Further details of the repairs are on file at this repair station under Work Order

15299 FOR CRS 3409

Date 8-27-86 Signed C. Mathison for CRS 3409
 Crystal Chevrolet, Inc. 6000 Douglas Drive No., Mpls., MN 55429

15299 FOR CRS 3409

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
12-29-86	Hobbs TIME: 718. HRS.			Replaced LT- ENG VACUUM pump ASSY. (S/N 12A13144H) Replaced VACUUM pump DRIVE CARLOC SEAL.
<p style="font-size: small;">NOTATION: The component identification number and part used in the repair are on file at this repair station. For Work Center 15417</p> <p style="font-size: small;">Date 12-29-86 signed E. Martine for Crystal Shamrock, Inc. 8000 Douglas Drive No., Mpls., MN 55420</p>				
Total To Carry Forward				

and Remarks	Signature	Certificate No.
<p>The static pressure system and altimeter instruments were inspected and tested <u>2/24/87</u> at an altitude of <u>30</u> thousand feet and found to comply with FAR 91.171. The ATC transponder was tested and inspected <u>2/24/87</u> and found to comply with FAR 91.172(a). Automatic altitude reporting equipment was tested and calibrated <u>2/24/87</u> in compliance with FAR 91.36 (b). Transponder manufacturer <u>KLN</u> <u>RT-71</u> s/n <u>1277</u></p> <p>CRYSTAL SHAMROCK CRS 3409 Signature <u>[Signature]</u> For CRS-3409 FAA Cert. # <u>CAI-3159</u></p>		
<p>2-24-87 Hobbs Readings: 733 HRS. Complied with: AD84-26-02 (Induction Paper Air Filter Replacement) Replaced LT & RT FILTERS. Next Due: 1233 HRS.</p> <p>MAINTENANCE RELEASE</p> <p>The component identified was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repairs are on file at this repair station under Work Order <u>15597</u></p> <p>Date: <u>2-24-87</u> Signed <u>[Signature]</u> for CRS 3409</p>		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			

Removed computer replaced adaptor
 Board per mod 8 test in Arc with bts
 150 test ok / spec states system
 test ok / SOPs

The airframe, or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Agency and is approved for return to service. Pertinent details of the repair/alteration are on file at this repair station under work order 9637

TT 767Date Apr 8 1987

Signature

W. J. H. H. H.

WAY-POINT AVIONICS, INC. - CRS #DO4-14

Total To Carry Forward				
------------------------	--	--	--	--

Registration No. _____

and Remarks	Signature	Certificate No.
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Installed Davtron 903 digital VCR indicator and M303 OAT & DCV indicator. Also installed customer supplied WX10A system. All work done per mfg instructions & AC43.13-1A&2A as applicable. Weight & balance ammended, equip list supplimented.

The airframe, or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Agency and is approved for return to service. Pertinent details of the repair/alteration are on file at this repair station under work order 7657.

TT 76-7 Date Apr 13 57 Signature [Handwritten Signature]

WAY-POINT AVIONICS, INC. - CRS #DO4-14

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
Aug 21, 1947	Brought Forward →			
<div style="font-family: cursive; font-size: small;"> 879 hours 879. replaced fuel wheel bearings, checked oil, replaced replaced all bush bearings. 9/2/47 879.5 </div>				
9/3/47	Harris Reads	879.		
<div style="font-family: cursive; font-size: small;"> pulled all panels, gave aircraft and extracted fuel C/W pulled filter and replaced wheel bearings. gave check E.T.T. Got all fuel controls, which includes fuel all C/W </div>				
A.P. 78-87-07	Check all components for			
<div style="font-family: cursive; font-size: small;"> security and operation, reinstalled all panels, service fuel & electric </div>				
Total To Carry Forward				

Registration No. _____

and Remarks	Signature	Certificate No.
<p><i>System</i></p> <p>Date <u>9/3/07</u> ^{Hhrs} Flight Time <u>879</u> Total Time <u>879</u> certify that this <u>Aircraft</u> has been inspected in accordance with a <u>Annual</u> inspection is determined to be in an airworthy condition.</p>		
	<p>Thomas Isendorf <i>[Signature]</i> A & P 472509703/A</p>	

Registration No. _____

and Remarks	Signature	Certificate No.
<i>Control valve & pressure</i>		
<i>relieving. Replaced gasket</i>		
<i>on valve. Working & normal</i>		
<i>in line. Working</i>	<i>AP-109:1-A</i>	

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
10-11-88	Brought Forward Hibbs	1230		
<p>gulled all panels, gull aircraft gull wheel and repaired wheel bearings, retension seat legs, all check good, gull. T.E.T. and replaced fuel good. then Aug 1990 - open check good, gull first heat and fuel ground, sub all the contents</p>				
	Hibbs	1230	Total Time 230	
<p>I certify that this aircraft has been inspected in accordance with a <u>Control</u> inspection is determined to be in an airworthy condition.</p>				
			Thomas Isendorf <i>[Signature]</i> S & P 472569703 IA	
Total To Carry Forward				

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
Date <u>Jan. 1-89</u>	Brought Forward	<u>(A) Hr. Meter</u> Airplane Time <u>1325.9 Hrs.</u>		
Installed <u>M^cCarley 3AE32C509</u>	<u>05-116-82</u>	<u>NFA-6</u>		<u>Propellers Overhauled.</u>
Serial No. <u>823029</u>	which was overhauled			<u>Complied with AD 83-13-</u>
by MAXWELL AIRCRAFT SERVICE, INC. "PROP SHOP"				<u>effective 7-5-83 + M^cCar</u>
MINNEAPOLIS, MINN., REPAIR SECTION NO. 3725.				<u>Bulletins 147 & 154.</u>
A description of the repair is on file at that				
agency under Work Order No. <u>87631</u>				
Dated <u>1-6-89</u>				
Date <u>Jan-6-89</u>		<u>(B) Hr. Meter</u> Airplane Time <u>1325.9 Hrs.</u>		<u>M^c Maxwell</u>
Installed <u>M^cCarley 3AE32C509</u>	<u>05-116-82</u>	<u>NFA-6</u>		<u>Propellers</u>
Serial No. <u>822565</u>	which was overhauled			<u>ATE 90264-41</u>
by MAXWELL AIRCRAFT SERVICE, INC. "PROP SHOP"				
MINNEAPOLIS, MINN., REPAIR SECTION NO. 3725.				
A description of the repair is on file at that				
agency under Work Order No. <u>87632</u>				
Dated <u>1-6-89</u>				
Total To Carry Forward				