

N22CK
LOGBOOK # 1

AIRCRAFT L



Airborne *Waco*
Air Filter Change Reminder

Changed at: 3084 Hrs. Next Change: _____ Hrs.
3/96 Date

Parker
Aerospace

N82090 PIPER SARATOGA PA32-301 S/N:32R-8213048
LYCOMING IO-540-K1G5D S/N:L-21816-48A
ANNUAL DUE BY JUNE 2001
TRANSPONDER - ENCODER DUE JANUARY 2003
ELT BATTERY DUE JUNE 2002

ECT 690

AIRCRAFT LOG

PIPER AIRCRAFT CORPORATION

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

N82090

Aircraft
Registration Number

Part No. 230 715

NOTICE

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

AIRCRAFT DESCRIPTION

Registration No. N82090
 Model: PA-32R-301 Popular Name: Saratoga SP
 Serial No.: 32R-8213048 Type Certificate No.: A350
 Colors: White - Firethorn / Ocala orange / Claret
 Engine Manufacturer: Lycoming Propeller Manufacturer: Hartzell
 Original Engine Model: IO-540-K1G5D Original Propeller Model: HC-C34R-1RF
 Serial Numbers: Single L-21816-48A Hub or Serial Number: Single DY1584
 Left _____ Left _____
 Right _____ Right _____

Blade Numbers

Left	Right
<u>F12917</u>	_____
<u>F12082</u>	_____
<u>F12101</u>	_____

LATEST FAA MAJOR REPAIR AND ALTERATION FORM

[illegible]

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
APR 30 1982	Brought Forward →	2.50	I HAVE INSPECTED THIS AIRCRAFT AND ISSUED A STANDARD AIRWORTHINESS CERTIFICATE DATED APR 30 1982, I/A/W FAR 21.183(a) PER 21.273. <i>J. Tiffany</i> FAA DOA SO-1.	
			THE ALTIMETER AND STATIC SYSTEM TESTS REQUIRED BY FAR PART 91.170 HAVE BEEN PERFORMED. THE ALTIMETER (S) HAVE BEEN TESTED TO 20,000 FT. ON (L) 11/20-81, (R) N/A SIGNED <i>J. Tiffany</i> DATE APR 30 1982	
Total To Carry Forward		2.50	The ELT is installed per FAR 91.52. Battery replacement date 7/28/83 <i>J. Tiffany</i> DOA SO-1 Piper Aircraft Corp.	

Registration No. N 82090

and Remarks	Signature	Certificate No.
The ATC Transponder Tests and Inspections required by FAR 91.177 were performed this date and found to comply with FAR 43, Appendix F.		
1. Make <u>King</u> Model <u>KT-76A</u> S/N <u>32193</u>		
2. Make <u>N/A</u> Model <u>N/A</u> S/N <u>N/A</u>		
Details of this inspection are on file at this facility under		
S/N <u>8213048</u> Date <u>4-16-82</u>		
Q. A. Inspector <u>J. Tiffany</u>		
PIPER AIRCRAFT CORP. VERO BEACH, FLORIDA		
THE AUTOMATIC PRESSURE ALTITUDE REPORTING EQUIPMENT TESTS REQUIRED BY FAR PART 91.36 HAVE BEEN PERFORMED THIS		
DATE: <u>4-16-82</u> SIGNED: <u>J. Tiffany</u>		
THE R-NAV SYSTEM AS INSTALLED HAS BEEN TESTED AND COMPLIES TO THE PERTINENT CONDITIONS OF A.C. 90-45A FOR IFR OPERATIONS.		
SIGNED <u>J. Tiffany</u> DATE <u>4-22-82</u>		

AIRCRAFT LOG

[illegible]

Registration No. _____

and Remarks	Signature	Certificate No.
5-25-83		
Installed 3M Ryan WX10 Stormscope System. All work done in accordance with AC43.13-1A, AC43.13-2A And Manufacturers Installation manuals. See 337 this date for more information. Weight and Balance Computed and Entered below.		
EW 2325.5	Harold Stephenson TOMLINSON AVIONICS INC. RT. 3 BOX 626 106 PINE BLUFF, ARK. 71601 FAA APPROVED REPAIR STATION #206-2	
CG 84.37		
MOM 196216.93		
UH 1274.5		

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
7-5-83	Tech 127.9			Repair Right wing tip lamp fixture, Buff tip & wax install new green lens & lamp
Total To Carry Forward				

and Remarks	Signature	Certificate No.
12-16-83 Tach & Total Time 237.0 Completed 100 HR Insp I/A/W Check list, And All Routine Maint. Performed. Retraction Test, Normal & Emergency. Inst. New Nose Gear Up Stop. Inst New Battery In EHT, Ops Chk-Batt Due Change Nov 1986. Repaired Baggage Door hook. Inst New Seat On Left & Right Cabin Doors. Repacked Wheel Bearings. Lubricated Gear. Above Maint Approved For Return To Service.		
I certify that this Aircraft has been inspected I/A/W a 100 HR inspection and was determined to be in air- worthy condition at 237.0 total hrs.	I certify that this Airframe has been inspected I/A/W a Annual inspection and was determined to be in air- worthy condition at 237.0 total hrs.	
12-16-83 James L Touchton Date James L Touchton 1271938A&P	12/16/83 Billy F. Gann Date Billy F. Gann 1A445340493A&P	

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
6/14/84	Brought Forward →	289.3	289.3	Serviced battery, hyd Installed new left wing strobe lamp & 2 ea insp of a/cft exterior Robert F. Schmitt ID 1300862
2-13-85	Total Time	377.5		
				Serviced Battery, Buses, Ground Lndg gear, Gen Robert Test Inspected & Lubed Controls. Serviced Airframe in Accordance with Pipe Service Manual. Inspected this AC has been Inspected in accordance with an Annual Inspection & found to be in Airworthy Condition See A.D. List in Back of Book
Total To Carry Forward				 R. F. Schmitt ID 1300862

Registration No. _____

[illegible]

DEALER

Warranty claim will not be processed
unless this card is completed.

LIMITED WARRANTY ADJUSTMENT CERTIFICATE

BATTERY
PART NO.

G-35

 ATTACH SERIAL NO.
LABEL FROM BATTERY

DESCRIPTION OF DEFECT

CELL S.G. AFTER
FULL CHARGE

1.	1.	1.	1.	1.	1.
1.	1.	1.	1.	1.	1.

INSTALLATION DATE
ADJUSTMENT DATE

6-14-85

AIRCRAFT TIME IN
AIRCRAFT TIME OUT

428.7

USEFUL SERVICE MONTHS

TOTAL SERVICEABLE TIME

CUSTOMER

DEALER

DISTRIBUTOR

PLEASE RETAIN WITH AIRCRAFT RECORDS TO PROCESS ADJUSTMENT

Total To
Carry Forward

Registration No.

and Remarks

Signature

Certificate No.

new Gill G-35 battery & customer furnished
Michael H. Childress, H&P 313466050.

7 Feb 86

TAC Reads 525.5

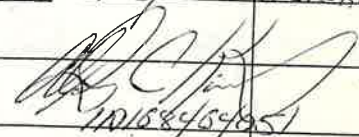
Installed New Nose Tire Repaired Landing Light Wires

Run time 3440255

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
4-14-66	Brought Forward →			
THE 562.0	I have inspected this aircraft in accordance with an Annual Inspection & find it to be in Airworthy Condition.			
	Run Am ID 714402551			
8-16-87	Tech 793.0			
	100 HRS/ANNUAL/INSP. INW applicable DIRECTIVES CHNGD ELT 604 (NEW DATE 6-90) R-BUILT LH brake CALIPER. 100 AD NOTES TO DATE. 1 CERTIFY THIS AIRCRAFT			
Total To Carry Forward				(OVER)

Registration No. _____

and Remarks	Signature	Certificate No.
has BEEN INSPECTED INW AN ANNUAL INSP. & DETERMINED TO BE IN AIRWORTHY CONDITION (END) S.M.S. NORTON CONDUCTOR		10158454851
10-15-87 803.8 hrs		
Replaced HORIZONTAL STABILATOR. MADE MINOR REPAIRS TO R/H Wing Assy		
NOTE FORM 337 THIS DATE. ALL WORK DONE IN ACW WITH PIPER SERVICE MANUAL & AC-43-13-1A.		
		ADP459282375IA

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
12/2/87	Brought Forward →	Tach Time 830.9	1271389	Just New landing light
	James Touchton			ATP
6-2-88	IT 866.8			
	Changed left main tire			
	Changed brake pads.			
	D Phil			
	ATP 2147377			
Total To Carry Forward				

Registration No. _____

[illegible]

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →	1088:00		
12 Feb 89	Installed	New Brake	Pads & Disks, New Bearings in Nose wheel	
		New Nose Wheel Tire, 5005	New Main Tires 600-6, New Air Filter CA16/PL	
	Replaced Hyd	Power Pack	HYC500-5 Replaced diaphragm in overdrive	
	Booster.	Pen Gear	Retraction test, Check Airframe in Accordance	
	with Piper	Service Manual.	Lube Controls, Wash & Vacuum Aircraft	
	I certify this Aircraft has been Inspected in Accordance			
	with an Annual Inspection & Found to be in Air worthy			
	condition.			
		ETB Battery Due June 89		
		Rep Air ID 34402551		
Total To Carry Forward				

Registration No. _____

and Remarks	Signature	Certificate No.
I certify that the altimeter, encoding system, and static system test required by FAR 91.171 have been performed this date. The altimeter sn/ <u>0A025</u> was tested to <u>20K</u> ft. on <u>1-23-90</u> .		
Signature <u>Brady n. Jerry</u>		
Date <u>1-23-90</u>		
Certified Repair Station #206-2		

TOMLINSON AVIONICS, INC.
RTE. 3, BOX 106
PINE BLUFF, AR 71601
FAA approved repair station #206-2

I certify that the transponder to FAR 91.172 has been performed this to comply. Transponder King make

sn/	Date	(IN. OF HG)
<u>32193</u>	<u>1-</u>	
Signature <u>Brady n. Jerry</u>		
Certified Repair Station #206-2		
		28.10
		28.50
		29.00
		29.50
		29.92
		30.50
		30.90
		30.99

1-23-90 Both Vows
IFR tolerances.

SERVICEABLE

Blind Encoder TCI

Component Name 0120-P2-T Mfg. Name 34296

Model or Type Stafford Kees Serial No. 1-23-90

() Repaired () O'Hauled () Tested () Inspected

The aircraft component identified above 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:

Owner: Stafford Kees

Work Order No. 12227 Date 1-23-90

Insp Brady n. Jerry

TOMLINSON AVIONICS, INC.
PHONE 534-0588 ROUTE 3, BOX 106
PINE BLUFF, ARKANSAS 71601
FAA Approved Repair Station No. 206-2

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
5-4-90	Brought Forward →	1288.4	1288.4	Performed annual inspection IAW FAR 43 Appendix D Replaced brake pads, repacked wheel bearings, opened back up gear extender, disassembled, repaired exhaust shroud, painted wing tips, replaced alternator & air conditioning belts, replaced roll pins in prop nuts, lubed all hinges, pulleys, did retraction test. ELT battery to be replaced 6-90 I certify this aircraft has been inspected IAW an annual inspection and was determined
Total To Carry Forward				

Registration No.

[illegible]

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
7-19-91	Brought Forward →	1404.4	1404.4	Rebuilt engine starter & alternator this date. Lubed all cable pulleys rod ends & hinges. Repacked wheel bearings, replaced both main tires with new tires, checked cable tension, did retraction test, replaced ELT Battery, checked all systems. I certify this aircraft has been inspected & AW an annual inspection & was determined to be in airworthy condition V H Wilhelm AP 555609113 1A
Total To Carry Forward				

Registration No. _____

and Remarks	Signature	Certificate No.
7-30-92 TACH Reads 1496.3 T7 1496.3 Lubed all cable pulleys rod ends & hinges. Repacked wheel bearings, checked cable tension, removed plug from gear extension pilot system, performed retraction test, all AD's c/w per listing back of this log. I certify this aircraft was inspected 1AW an annual inspection & was determined to be in airworthy condition V H Wilhelm AP 555609113 1A		

10-9-92

N 82090

TACH 1526.8

Removed ~~Anterior~~ Recovered Seats with Fruitida
 Leather Color Super Regent Recovered Side Panels with
 Southern Textile PRL-1023 LT: Slate Armrests Southern
 Textile PRL-1024 Main Replaced Carpet: Curia
 Carpet Specialists Mag II 09408 Thunder Replaced
 Curtains Scott Fabric Expo Grey Rewebbed Seat Belts!
 Aircraft Belts Inc. Color #27 All Materials Meet
 FAR 23.853(A)

Bill Starnes
 A/P- 413-86-3051

Registration No. _____

and Remarks

Signature

Certificate No.

TUSCALOOSA AIRCRAFT PAINTING AND INTERIORS INC.

N 82090

Serial # 32R-821-3048 Date 11/06/92

The above aircraft was stripped, etched, alodined,
 primed and painted. The flight controls were
 removed, their static balance checked and
 reinstalled on the aircraft in accordance with the
 manufacturer's maint. manual.

R. Stant IA423949730

Paint Colors

white
 claret
 gray

Paint Numbers

6160
 2357
 7301

AIRCRAFT LOG

10-9-92

N82090

Tach 1526.8

Removed interior. Recovered seats with Friitila leather Super Regent. Recovered side panels with Southern Textile PRL - 1023 Light Slate. Recovered armrests with PRL - 1024 Mica. Replaced carpet with Aircraft Carpet Specialists Mag II 09408 Thunder. Replaced curtains with Scott Expo Grey. Rewebbed seat belts: Aircraft Belts Inc. color #27. All materials meet FAR 238530

William M. Staines
A & P- 413-86-3052

Registration No. _____

and Remarks

Signature

Certificate No.

TUSCALOOSA AIRCRAFT PAINTING AND INTERIORS INC.

N 82090 Serial # 32R-821-3048 Date 11/06/92

The above aircraft was stripped, etched, alodined, primed and painted. The flight controls were removed, their static balance checked and reinstalled on the aircraft in accordance with the manufacturer's maint. manual.

R. Gant IA423949730

Paint Colors

white
claret
gray

Paint Numbers

6160
2357
7301

N82090
AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
	THE FOLLOWING ALTIMETER SYSTEM AND ALTITUDE REPORTING EQUIPMENT TESTS AND INSPECTIONS AS REQUIRED BY FAR 91.411, IN ACCORDANCE WITH FAR 43, APPENDIX E HAVE BEEN PERFORMED.			
	PARA (a) STATIC SYSTEM TO	2,000'	12-2-92	
	PARA (b) ALTIMETER #1 TO	30,000' S/N 0A025	12-2-92	
		ALTIMETER #2 TO	N/A	
	PARA (c) INTEGRATED SYSTEM TO	20,000'	12-2-92	
	KT 76A S/N 32193 12-2-92 ATC TRANSPONDER SYSTEM OPERATION CHECKED AND MEETS REQUIREMENT OF FAR 91.413 AS PRESCRIBED IN APPENDIX F OF PART 43.			
	J.M. Meyer for STAR AVIONICS, INC. LOVELL FIELD CHATTANOOGA, TN 37421 FAA CERTIFIED REPAIR STATION # TA 4R537M			
Total To Carry Forward				



Pertinent details of the repair are on file at this repair station under Work Order NO. 19816, DATE 10/1/92
AUTHORIZED SIGNATURE Daniel A. Shug

and Remarks

12-21-92 This aircraft is inspected I/P w/ an annual inspection
1542 HM this date using Piper PA32R inspection guidelines
1542-BTT with the following actions and/or repairs: Removed
137.6 BTSDH engine from airplane engine mount and replaced mount
1542 PRSN with mount from Kivela & Associates P/N 3872902
S/N 0281 (see yellow tag) all work was accomplished as per MM
instructions. Engine was reinstalled using new rubber shock
mounts and new fluid carrying hose kit, air conditioner was
serviced to spec, co-pilot's sun visor was replaced, Battery
box was removed, cleaned and painted dec to corrosion
battery was serviced and top charged upon reinstallation, replaced

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			Continued from Preceding Page →
12-21-92				instrument air filter, Tacked aircraft and rebrushed Main and nose LDG as per MM fits and clearances, during this work main struts were resealed and serviced with nitrogen and hydraulic fluid to specs, left and right brake calipers were resealed, wheels, tires, brakes were checked, bearings were lubricated wheel alignment was verified. Found small area of previous damage at Nose LDG attach point researched SB's for a authorized repair and found SB 955 to be applicable, but no parts are available at this time, informed owner that
Total To Carry Forward				complete compliance of SB 955 be accomplished Continued on Next Page →

Registration No. _____

← and Remarks	Signature	Certificate No.
Continued from Preceding Page when parts are available, cracks in this area were stop drilled at this time, replaced RT airman rock end, cleaned left and right wings at outboard access panels of large amounts of dauber nests, extensional rudder cables, found fuel line underneath rear facing cable seats to be chafed badly, removed and manufactured new line and installed and leak checked OK also found fuel selector valve leaking out of shaft when boost pump selected, removed and replaced valve with used serviceable valve, leak and ops checked OK, stop drilled and sealed small cracks in wing tips and on rt side of vertical stab. Landing gear retraction was performed and LDG was rigged		
Continued on Next Page →		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward	Continued From Preceding Page		
12-21-92	and adjusted as per MM criteria. Switched were adjusted			
1542-0	and auto extender verified while aircraft on jacks. Aircraft was test flown and SB interaction ch'd OK. Recommended to owner that SB 866A be complied with due to possible binding of auto extender unit. AD's checked for compliance thru this date.			
				End
				See Next Page For Sign Off
Total To Carry Forward				

Registration No. _____

[illegible]

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
11/5/93	Brought Forward →			C/W SB 866A (BACK UP LANDING TACK 1544.1 GEAR EXTENDER). BY INSTALLING KIT # 765-199. RETRACTION CHECK'S PERFORMED + AIRCRAFT RETURNED TO SERVICE. A/P 226507683 CALL FORB
Total To Carry Forward				

[illegible]

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
3-25-93	Brought Forward →	1546	1546	1 211CC VACUUM PUMP S/N 7609 By APPRIACITION Flying SERVICE, INC. TRI City Airport - 615-323-6272 By Harold MANNING (Did not have Log Book) Copy ATTACHED E. Glen Ruddy
4/13/93	HM 1558.1	Revised and replaced with 1 RT Main Gear turn & balanced ←	End →	Michael A. Lewis 408900829 HP
Total To Carry Forward				

Registration No. _____

and Remarks	Signature	Certificate No.
HM 1558.1 Installed optional rotating beacon and fairing assembly, RML 14 beacon, 65345-003 fairing. All parts installed in accordance with Piper Maintenance Manual. Weight & balance information entered into appropriate records. Evacuated Airconditioning System, checked for leaks, none found. Serviced with Freon and ops checked, OK. Bleed left brake and serviced reservoir, also repainted flat black on propeller and white strips. Paint touch-up on ceiling also. → END →		
Richard A. Lewis A+P 408154687		4-2-93

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
4/24/93	Brought Forward →	1599.7		Installed new Airconditioner or Airconditioner IAW Service Manual for Airconditioner. IAW Service Manual Piper PA32R-301. Ops OK Good. Heat Ops OK Good. +
				Repaired Wire For Pitot End ————— 1
6-28-93		1634.4		Complain with AD note 93-05-10 of Air # 766-253, Landing Gear Rigged, Refraction & Emergence Expansion using flash straight 4532. — END —
Total To Carry Forward				

Registration No. _____

and Remarks	Signature	Certificate No.
Compressor, Clutch & Field Assembly. Serviced Piper PA32R-301. ^{SW} Ops Installed New belt Manual Piper PA32R-301. Ops OK Good. Heat Ops OK Good. +		
Schwartz AHP 594-30-6587		
as per Service Bulletin 955 by Installation		
gear Rigged, Refraction & Emergence Expansion		
using flash straight 4532. — END —		
James J. DeBoe		
AID 410048142		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
8-18-93	Brought Forward →	1681.0		Replaced alternator belt. Removed and Replaced alternator idler Pulley Installed Fire extinguisher in Cockpit unplugged Air Cond drain line. Lubricated Control Yoke. — End
				Charles Hopson D+P
Total To Carry Forward				255309447

Registration No. _____

and Remarks	Signature	Certificate No.
KRYSTAL AVIATION CERTIFIED REPAIR STATION P.O. BOX 23924 LOVELL FIELD CHATTANOOGA, TN 37422 LOG BOOK ENTRY DATE <u>11-4-93</u> HOBBS _____ L.TACH <u>1753.3</u> R.TACH _____ INV. # _____ Removed and Replaced Left Main Landing gear down limit switch. adjusted I.A.W. Chapt. 32 Saratoga Sp. M.m. Ran Landing gear to ops. CK. ops Checked good. Installed Master Switch Light bulb. ops. CK. good. End Signature <u>Charles Hopson</u> mechanic A & P # <u>255309447</u>		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
12-17-93	Brought Forward →	Tach Time 1745.1, Total Time 1745.1		Conduct Annual inspection in accordance with Piper PA32R-301 Inspection Guide. Replaced missing static wick on Left Flap. Replaced storm window seal, Cleaned & lubricated stabilator trim cable drum. Repair muffler heat shield by riveting inner baffles back into position. Repaired crack with doubler on nose gear well forward frame. Replaced induction air filter, Replaced central instrument air filter, Replaced vacuum regulator filter. Replaced Left brake caliper, Replaced Left & Right main wheels inboard wheel bearings & cups. Replaced
Total To Carry Forward				

Registration No. _____

and Remarks	Signature	Certificate No.
ELT battery, next replacement due Dec. 1995. Adjusted all flight control cable tensions. Replaced Left & Right outbd. stabilator trim tab hinge pins, Performed ground operational check & Leak check found ok, Test fly aircraft, operation normal. AD's checked thru this date. EVO.		
DATE: 12-17-93 TACH TIME: 1745.1 APPROVED FOR RETURN TO SERVICE. INSPECTION AND FOUND AIRWORTHY. INSPECTED IN ACCORDANCE WITH A 100 hr ANNUAL I CERTIFY THIS AIRCRAFT/ENGINE HAS BEEN		

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

A & P # 408154687

[illegible]

		Total	Reading	Maintenance
2-10-95	Brought Forward →		Hour meter 1888.5, total time 1888.5	Conduct Maintenance Manual Inspection Report. Replaced serviced and charged prior to installation. Replaced brakes, Replaced right main tire & nose tire. Treated area of belly of fuselage in fuel strainer area. Repaired and bearing. Replaced Left outbd. stabilator trim tab main Landing gear truss brackets. Rigged nose wheel steering Manual. Rigged rudder, rudder trim and rudder cable tension set. Replaced evaporator duct. Comply with Piper Service Bulletin 977. Wing attach fitting inspection for corrosion. Clean and treated Right wing fitting. Removed and replaced left wing fitting. Rar and insulation. in accordance with Service Bulletin and drill down holes. operational check OK. END - Sign off following page
Total To Carry Forward				AD's checked thru this date, Aircraft ground run and

Registration No.

and Remarks

Signature

Certificate No.

Annual inspection in accordance with Piper PA-32-R-301/301T Aircraft battery, install Gill G-35, SIN GO1585085, battery engine mount shock mounts. Replaced both brake discs, relined both interior of left wing wing ACF-50. Cleaned, treated, primed & painted both wing tips for cracks. Replaced upper rudder attach fitting, bolt hinge. Tightened Left main gear torque knee. Replaced bushings in both system in accordance with Nose Wheel Alignment procedures in Maintenance Manual. Replaced rudder rigging procedures in Maintenance Manual. Wing attach fitting inspection for corrosion. Clean and treated Right wing fitting. Removed and replaced left wing fitting. Rar and insulation. in accordance with Service Bulletin and drill down holes. operational check OK. END - Sign off following page

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
Brought Forward →				
I CERTIFY THIS AIRCRAFT/ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 hr./ANNUAL INSPECTION AND IS AIRWORTHY. APPROVED FOR RETURN TO SERVICE. DATE: <u>2-10-95</u> TACH TIME: <u>1888.5</u> <i>James E. Gray</i> James E. Gray A&P 138384092 -A For: Krystal Aviation Chattanooga, TN.				
Total To				

Registration No. N 82070

and Remarks	Signature
THE FOLLOWING ALTIMETER SYSTEM AND ALTITUDE REPORTING EQUIPMENT TESTS AND INSPECTIONS AS REQUIRED BY FAR 91.411, IN ACCORDANCE WITH FAR 43, APPENDIX E HAVE BEEN PERFORMED.	
PARA (a) STATIC SYSTEM TO <u>2,000'</u> <u>1-30-95</u>	
PARA (b) ALTIMETER #1 TO <u>20,000'</u> <u>1-30-95</u>	
ALTIMETER #2 TO <u>N/A</u>	
PARA (c) INTEGRATED SYSTEM TO <u>20,000'</u> <u>1-30-95</u>	
RT 76A ATC TRANSPONDER SYSTEM OPERATION CHECKED AND MEETS REQUIREMENT OF FAR 91.413 AS PRESCRIBED IN APPENDIX F OF PART 43.	
<i>Jim Wilnefor</i> STAR AVIONICS, INC. LOVELL FIELD CHATTANOOGA, TN 37421 FAA CERTIFIED REPAIR STATION # TA 4R537M	

E COMPONENT
SPECTED IN
R REGULATIO
TURN TO SER
RK PERFORME
ATION UNDER
TED 1-30-95

Chattanooga
LOVELL FIELD
CHA

Back

MODEL
MODEL

□ 100 HR.

17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100.

Forward

3/6/96

2084.1

2084.1

Total To Carry Forward

CHATTANOOGA AERO SERVICE INC.
LOVELL FIELD
CHATTANOOGA, TENNESSEE
REPAIR STATION #DX4R144M

INSTALL E-2 Heat
Kit 540

Registration No. _____

and Remarks

Signature

Certificate No.

Chattanooga Aero Service, Inc.
Lovell Field
Chattanooga, Tennessee 37421
FAA Repair Station #DX4R144M

AD 9302-05 Fuel line Insp 4w
95-26-13 par(a) oil cooler
inspect 4w, Vacuum
Filters replaced. Left main tire
replaced, EBT Battery Pac
replaced- expires 1-98. Cable tensions checked and adjusted. End

I certify that this aircraft has been inspected in accordance with a Ann 491 inspection as required by F.A.R. and was determined to be airworthy condition.

Date 3-6-96 Total time 2084.1

Details of this inspection, on file under W/O AL682

Date 3-6-96 Signature E. Romito

AIRCRAFT LOG

N82090 Make/Model: PA32R-301 S/N: 32R-8213048
 22 APR 96 Tach Time: T2116.8
 Removed Prestolite alternator P/N ALY6422 S/N 11R000052.
 Installed same P/N S/N S110277. Ran engine and adjusted
 alternator regulator to 13.8 volts per service manual.END

The aircraft, airframe, aircraft engine, propeller,
 or appliance identified above was repaired and in-
 spected in accordance with current Regulations of
 the Federal Aviation Agency and is approved for re-
 turn to service.

"Pertinent details of the repair are on file at this
 repair station under Order No. 119969 Date 22 APR 96

Signed [Signature] for
 (signature of authorized representative)

Montgomery Aviation Corporation

P. O. Box 92, Montgomery, Alabama. #EA4R147M

Total To
 Carry Forward

and Remarks

N82090 AIRFRAME LOG AMR COMBS-BHM
 TACH 2149.5 HOURS CRS**BDTR177K

1. REPLACED THE RIGHT AILERON & RIGHT FLAP USING REPAIRED UNITS AS
 FURNISHED BY WILLIAMS AIRMOTIVE ON W.O. 3329 & W.O. 3330, DATED
 06-21-96, SEE THE ATTACHED MAINTENANCE RELEASES FOR THE DETAILS
 2. REPAIRED THE LEFT WING AS FOLLOWS:
 - A. REPLACED THE WING TIP, P/N 36739-11
 - B. REPLACED THE OUTBOARD FLAP HINGE, P/N 35425-000
 - C. REPLACED THE AILERON HINGES, P/N 86555-003 & 86556-003
 - D. REPLACED THE OUTBOARD SKIN, P/N 38649-003
 3. REPAIRED THE FUSELAGE AS FOLLOWS:
 - A. REPLACED THE RIGHT STEP ASSEMBLY, P/N 68014-000
 - B. REPLACED THE SKIN NEXT TO THE STEP ATTACH AREA, P/N 68602-001
 4. REPAIRED THE RIGHT STABILATOR TIP
 5. COMPLIED WITH A LANDING GEAR RETRACT & EXTENSION CHECK, AND
 RAN AN EMERGENCY EXTENSION CHECK AS PER THE M/M SPECS
 6. SERVICED THE LANDING GEAR HYDRAULIC SYSTEM
- THE WORK IDENTIFIED ABOVE WAS PERFORMED IN ACCORDANCE WITH CURRENT
 FEDERAL AVIATION REGULATIONS AND WAS FOUND AIRWORTHY FOR RETURN TO
 SERVICE**WORK ORDER NO.12572**DATE 07/12/96**SIG [Signature]
 R. W. CARLEY

AIRCRAFT LOG

| Date | Aircraft Time | | Recorder Reading | Maintenance |
|------|---------------|-------|------------------|-------------|
| | This Date | Total | | |

N82090 AIRFRAME LOG AMR COMBS-BHM
TACH 2149.5 HOURS CRS**BDTRI77K
1. REPLACED THE MAIN BATTERY, USING GILL P/N G-35, ON S/N G01642293
THE WORK IDENTIFIED ABOVE WAS PERFORMED IN ACCORDANCE WITH CURRENT
FEDERAL AVIATION REGULATIONS AND WAS FOUND AIRWORTHY FOR RETURN TO
SERVICE**WORK ORDER NO.12633**DATE 07/13/96**SIG *R. W. CARLEY*
R. W. CARLEY

CARPET CAPITAL AVIATION

N82090 PIPER PA32R-301 SARATOGA S/N 8213048
DATE: 09/27/96 TACH: 2173.1 TT: 2173.1 TSMOH: 768.7
Performed Compression check: #1. 76/80, #2. 74/80, #3. 63/80, #4. 75/80, #5. 74/80,
#6. 76/80. Removed #3 cylinder due to low compression. Replaced #3 cylinder with factory
new cylinder kit P/N 05K211CKP per Lycoming service information. Kit contained Piston,
P/N LW 10207, piston pin P/N LW 14077 (#1238 12498) and oil ring 14 H 21950 P/N
LW -12993. Changed oil filter and oil. Opened oil filter per Champion service info, NO
METAL FOUND. Serviced with Champion filter CH48103, 2pints of Lycoming LW 16702
additive and 11 quarts of Phillips 20/50 X/C mineral oil. Replaced fuel valve Piper P/N
492-091, and induction air elbow P/N 69232-000. Cabin air heat intake rivets sheared,
replaced rivets.

O. H. Halman
O. H. HALMAN AP258509677IA *****END*****
Total To
Copy Forward

CARPET CAPITAL AVIATION

N82090 PIPER PA32R-301 SARATOGA S/N: 8213048
DATE: 12-10-96 TACH: 2262.0 TT: 2262.0

Completed an annual inspection per Piper Inspection Report. Replaced left main tire with
new Michelin 6.00-6 8 pr tire P/N: 024-317-0. Replaced nose wheel bearing P/N: 08125,
and race P/N: 08231. Cleaned and packed all wheel bearings. Replaced induction air filter
P/N: BA-3. Cleaned fuel selector filter. Replaced co-pilot shoulder harness assy. P/N: 690-
100. Complied with AD 95-26-13 "Oil cooler hoses" by inspection per para {a}. Next
inspection per {a} due at 2362.0, para {b} due at 2404.4. Complied with AD 96-10-03
"Flap handle bolt" by inspection per para {a}, installation of bushing P/N: 63900-174 per
para {b}, installation of clevis bolt P/N: AN 23-11 per para {c}, and inspection per para
{d}. No further action required. ELT battery due Jan '98. I certify that this aircraft has been
inspected I/A/W an annual inspection, and was found to be in an airworthy condition.

O. H. Halman

O. H. HALMAN AP 258509677 IA *****END*****

December 4, 1996
N-82090 PA32R-301 S/N 32R-8213046
Removed King KMA-24 MKR/Audio Panel
Installed P.S. Engineering PMA-6000M MKR/Audio Panel with ICS S/N MT01795-J01742, TSO C35d Class A and TSO C50c Class A.
The equipment was installed with reference to the following:
P.S. Engineering PMA 6000M Installation Manual Document Number 95260901
Revision K Dated May 23, 1996.
FAA AC43.13-2A Chapter 1 Paragraph 4 thru 12 Chapter 2 Paragraph 21,22,23,27.
The PMA-6000M is located at the top of the left avionics stack where the KMA-24 was
removed from using existing wiring for the aircraft radios. Wiring was added from the
PMA-6000M for Six Position intercom.
Equipment installed was tested per the manufactures check-out procedures and ok.
Weight and balance computed and equipment list revised.
Details on file at this repair station under work order number I1517.

End

John E. Miller
STAR AVIONICS, INC.
LOVELL FIELD

CHATTANOOGA, TN 37421
FAA CERTIFIED REPAIR STATION # TA 4R537M

THE FOLLOWING ALTIMETER SYSTEM AND ALTITUDE REPORTING EQUIPMENT TESTS AND INSPECTIONS AS REQUIRED BY FAR 91.411, IN ACCORDANCE WITH FAR 43, APPENDIX E HAVE BEEN PERFORMED.

PARA (a) STATIC SYSTEM TO 2,000' 1-22-97

PARA (b) ALTIMETER #1 TO 20,000' SN 04025 1-21-97 BY QUALITY INST.

ALTIMETER #2 TO N/A

PARA (c) INTEGRATED SYSTEM TO 20,000' 1-22-97

KT76A SN 32193 1-20-97
ATC TRANSPONDER SYSTEM OPERATION CHECKED
AND MEETS REQUIREMENT OF FAR 91.413 AS
PRESCRIBED IN APPENDIX F OF PART 43.

[Signature]
STAR AVIONICS, INC.
LOVELL FIELD
CHATTANOOGA, TN 37421
FAA CERTIFIED REPAIR STATION # TA 4R537M

CARPET CAPITAL AVIATION

DATE: 02/18/97 N82090 PA32R-301 S/N 32R-8213048
TACH: 2310.3 TT: 2310.3

Completed an Event 1 of 4 inspection per Piper Check List. Inspected ELT per FAR 91.207(d). ELT battery expires JAN '98. Repaired right fuel tank per Piper service manual. I certify that this aircraft has been inspected I/A/W an event 1 of 4 inspection and was found to be in an airworthy condition.

[Signature]
O. H. HALMAN AP 258509677 IA ***** END *****

3-14-97 REMOVED WHEELS STROBE POWER PACK AND
REPLACED WITH WHEELS POWER PACK S/N 09371
P/N A413A, HDA-6F. TESTED OK. - *[Signature]* K. Hill

STAR AVIONICS, INC.
LOVELL FIELD
CHATTANOOGA, TN 37421
FAA CERTIFIED REPAIR STATION # TA 4R537M

CARPET CAPITAL AVIATION

N82090 PIPER PA32R-301 SARATOGA S/N: 8213048

DATE: 04-18-97 TACH: 2358.4 TT: 2358.4

Replaced air conditioner compressor drive belt P/N: 73965-10B. Replaced rotating beacon lamp with GE P/N: 1940. Operational check satisfactory.

Kevin Hoffman
KEVIN HOFFMAN 253432177 AP *****END*****

CARPET CAPITAL AVIATION

N82090 PIPER PA32R-301 SARATOGA S/N 32R-8213848

06/03/97 TACH: 2394.5 TT: 2394.5 TSOH: 990

LYCOMING IO-540-KIG5D S/N L-21816-48A

Changed oil and filter. Inspected oil filter per Champion Service Manual AV6. No metal found. Cleaned oil suction screen. No metal or trash found. Serviced with 12 quarts of Phillips 20W50 X/C oil and Ch48103 Championj filter. Cleaned, gapped, tested and rotated spark plugs. Replaced spark plug gaskets with Champion P/n M674. Performed compression test. #1. 75/80, #2. 72/80, #3. 74/80, #4. 74/80, #5. 73/80, & #6. 76/80.

Replaced Scat hose between alternate air valve and fuel servo elbow.

AD 93-02-06 " FUEL INJECTION FUEL LINES" CW by inspection . DUE NEXT @ 2458.4 TACH. AD 95-26-13 "oil cooler hose replacement" Per para 1a of ACE-96-01 dated 02-01-96 NO FURTHER ACTION REQUIRED.

O. H. Halman
O. H. HALMAN AP258509677IA *****END*****

CARPET CAPITAL AVIATION

N82090 PIPER PA-32R-301 SARATOGA S/N 32R-8213048

DATE: 06/03/97 TACH: 2394.5 TT: 2394.5

Cleaned and packed wheel bearings. Replaced left brake linnings with Cleveland p/n 066-06200. Replaced nose wheel shimmy dampner Piper P/N 456-016.

O. H. Halman
O. H. HALMAN AP258509677IA *****END*****

Airborne

Air Filter Change Reminder

Changed at: 25292 Hrs. Next Change: 3020.2 Hrs.
12/2/97 Date 

REPLACE ELT BATTERY BY:
AUG '99

CARPET CAPITAL AVIATION

N82090 PIPER PA32R-301 SARATOGA S/N: 8213048
 DATE: 12-04-97 TACH: 2520.2 TT: 2520.2

Completed an annual inspection per Piper Inspection Report. Replaced right main tire with new Michelin 6.00-6 8 pr tire P/N: 024-317-0, s/n 4244N00387. Replaced nose tire with Michelin 5.00 x 5, 6PR, s/n 6339P01054. Cleaned and packed all wheel bearings. Replaced induction air filter P/N: BA-3. Replaced instrument air filter with Airborne p/n D9-18-1. Cleaned fuel selector filter. Inspected ELT I/A/W FAR 91.207(d). ELT battery due Aug '99. Replaced both left and right brake disc with Cleveland p/n 164 21600.

C/W AD 96-02-06 "Fuel injector fuel lines" by inspection. DUE NEXT @ 2620 TACH.

C/W AD 96-12-07 "Impulse couplings" by inspection per para (a)(1) & MSB 645 &

TCM SB 639. X=.045 & X=.036. Found satisfactory. DUE NEXT @ 3020.3

I certify that this aircraft has been inspected I/A/W an annual inspection, and was found to be in an airworthy condition.

O. HALMAN AP 258509677 IA ***** END *****

O. H. HALMAN AP 258509677 IA

Total To
 Carry Forward

Registration No. _____

N82090 Make/Model: PA32R-301 S/N: 32R-8213048
 03 OCT 97 Hobbs: H2474.2

AIRFRAME

Decowled engine, removed prop, desludged crank. Installed new alternator belt P/N 73965-009. Reinstalled prop with new PRP909-6 o-ring. Post run leak and OPS checked good Recowled engine. END

The aircraft, airframe, aircraft engine, propeller, 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 are on file at this repair station under Order No. 10696 Date 3 OCT 97

Signed *[Signature]* for
 (signature of authorized representative)

Montgomery Aviation Corporation

P. O. Box 92, Montgomery, Alabama. "certificate no. 44A4R147M"

9-30-97

Logbook Entry

N82090

Replaced KS270 Pitch Servo P/N-065-0027-03 S/N-8667
with new KS270A Pitch Servo P/N-065-0059-03 S/N-28899.

Date

Operation flight check ok. STAR AVIONICS, INC.

enance

Dale Rasor →

LOVELL FIELD

CHATTANOOGA, TN 37421

FAA CERTIFIED REPAIR STATION # TA 4R537M

N# 80290
Tach: 2624.2



Date: 5-28-98
W.O. M0797

Removed prop Replaced oring P/N M28775-228
Installed A/C belt P/N 73965-10 Installed prop
I.A.W. M.M. Serviced A/C To Full I.A.W. M.M. End,
S Devlin A/P. 252296889

Registration No. _____

Signature

Certificate No.

N82090

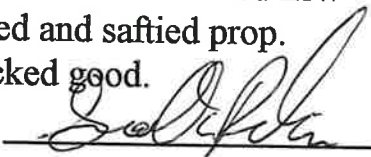
Tach: 2674.3



W.O. M0827

Date: 6/19/98

Removed cowlings and troubleshot air conditioning system. Found air conditioning belt broken and compressor clutch bearing locked up. Removed prop and installed new Clutch P/N 554-761. Installed new alternator belt and compressor belt. Reinstalled and saftied prop. Ground run aircraft, air conditioning Ops checked good.


Scott C. Devlin A&P 252296889

AIRCRAFT LOG

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

N82090
7-8-97



Tach 2663.3
WO# M0856

Calibrated EGT system. ops check good. Removed pilots seat and resecured upholstery reinstalled seat. Removed cowling and removed air Cond. compressor P/N F209-16764 and installed new compressor and serviced with freon leak check ops check good ← End

Kim H. P. Hoff
A&P 411315576

Total To
Carry Forward

Registration No. _____

| and Remarks | Signature | Certificate No. |
|-------------|-----------|-----------------|
|-------------|-----------|-----------------|

N# 82090
Tach: 2668.4



Date: 7/22/98
W.O. M0874

Removed and repalced landing lamp P/N 4509. Landing light Ops checked good.

John M. Thompson
John M. Thompson A&P 410591787

9/22/98

TACH 2716.1 Removed and Replaced A/C hose P/N 586-227.

Serviced A/C system to proper Level w/ Freon.

A/C system ops check good At this time → END

John M. Thompson
A&P 410591787

AIRCRAFT LOG

Registration No. _____

Date

Aircraft Time

Recorder

Maintenance

This Date

Total

Reading

N# 82090

Tach: 2754.8



Date: 11/10/98
W.O. 170986

Totaled aircraft removed and replaced O-ring in Emergency Gear Extension Shuttle Valve. Serviced Hyd Res. Cycled Gear performed Emergency extension. system ops checked Normal. removed aircraft from Ticks. End.

Steve D. Hanson
269663771 A.P.

Total To
Carry Forward

and Remarks

Signature

Certificate No.

N# 82090

Serial Number 32R-821-3048

Make and Model PA32R-301

Airframe Total Time 2726.1

Flight Hour Meter

Date 10-8-98 INSTALLED HYDRALIC PUMP

P/N HYL 5005 SN AH-6338, INSTALLED

NOSE GEAR EXTEND-RETRACT ACTUATOR

P/N 455-987 SN 1543, IAW PIPER SERVICE

MANNING, PERFORMED NORMAL & EMERGENCY EXT CHECK,

P.L.H.A. 193523030

10-9-98

AIRCRAFT LOG

| Date | Aircraft Time | | Recorder Reading | Maintenance |
|------|---------------|-------|------------------|-------------|
| | This Date | Total | | |

N# 82090 Serial Number 32R-821-3048

Make and Model PA32R-301

Airframe Total Time 2726-1 Flight Hour Meter _____

Date 10-9-98

INSTALLED NOSE GEAR SPRINGS
PIN'S 487-484 & TWO 487-483

FAW PIPER SERVICE MANUAL. 

*28262616212

Total To
Carry Forward

AIRCRAFT LOG

| Date | Aircraft Time | | Recorder Reading | Maintenance |
|------------------------|---|---------|------------------|-------------|
| | This Date | Total | | |
| | Brought Forward → | | | |
| | THE FOLLOWING ALTIMETER SYSTEM AND ALTITUDE REPORTING EQUIPMENT TESTS AND INSPECTIONS AS REQUIRED BY FAR 91.411, IN ACCORDANCE WITH FAR 43, APPENDIX E HAVE BEEN PERFORMED. | | | |
| | PARA (c) STATIC SYSTEM TO | 2,000' | 1-18-99 | |
| | PARA (c) ALTIMETER #1 TO | 20,000' | SN 4025 1-18-99 | |
| | ALTIMETER #2 TO | N/A | | |
| | PARA (c) INTEGRATED SYSTEM TO | 20,000' | 1-18-99 | |
| | KT 764 SN 32193 | | 1-18-99 | |
| | ATC TRANSPONDER SYSTEM OPERATION CHECKED AND MEETS REQUIREMENT OF FAR 91.413 AS PRESCRIBED IN APPENDIX F OF PART 43. | | | |
| | STAR AVIONICS, INC. | | | |
| | LOWELL FIELD | | | |
| | CHATTANOOGA, TN 37421 | | | |
| | FAA CERTIFIED REPAIR STATION # TA 4R537M | | | |
| Total To Carry Forward | | | | |

Registration No. N82090

| and Remarks | Signature | Certificate No. |
|--|-----------|-----------------|
| 1-26-99 Aft Tacht. 2789.5 | | |
| Performed an ANNUAL INSPECTION PER FAR 43 APPENDIX D & PIPER PA 32-301 INSPECTION Guide with the following ACTION. stop drilled CRACK in leading edge of left wing tip cap, repaired large cracks in lower part of panel of rear cabin to tail section, stop drilled crack in left horiz. stab. tip cap, stop drilled crack left fwd cabin window at vent window, tightened loose nut on cabin heat valve, fwd baggage door seal loose Regred, R&R 1940 Bulb in Rotating beacon, R&R Fuel Quantity gauge Decal Rt wing, R&R Brake pads, Serviced Battery — | | |

| Date | Aircraft Time | | Recorder Reading | Maintenance |
|------------------------|-------------------|-------|------------------|--|
| | This Date | Total | | |
| 1-26-99 | Brought Forward → | | | Replaced Fuel Cap
Repositioned wire Bundle
Rearward movement of
Pilots Vent Window,
this date. |
| | | | | |
| | | | | |
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| | | | | |
| | | | | |
| Total To Carry Forward | | | | |

| and Remarks | Signature | Certificate No. |
|--|-----------|-----------------|
| Masks, R4R Landing Light,
behind INST. Panel to clear
control column, Replaced seal on
All AD's & Bil weekly's ch'd throw | | |
| <p>I CERTIFY THIS AIRCRAFT/ENGINE HAS BEEN
 INSPECTED IN ACCORDANCE WITH A 100 hr/ANNUAL
 INSPECTION AND FOUND AIRWORTHY.
 APPROVED FOR RETURN TO SERVICE.</p> <p>DATE: <u>1-26-99</u> TACH TIME: <u>2789.5</u></p> <p><i>Robert E. Sullivan</i>
 ATP 408483053 JA</p> | | |

AIRCRAFT LOG

Registration No. _____

| Date | Aircraft Time | | Recorder Reading | Maintenance |
|---------|-------------------|-------|------------------|----------------------|
| | This Date | Total | | |
| 2/16/99 | Brought Forward → | | 2823.1 | Replaced Pilots Vent |

N8209D

TACH: 2873.2

★ STAR VIONICS INC.
P.O. BOX 22725
LOVELL FIELD • CHATTANOOGA, TN. 37422
(615) 499-1100

DATE: 4/26/99

WG # M1179

Removed VACUUM PUMP P/N 21CC, S/N 7609, and replaced with P/N 21SCC, S/N 1A2-534. Replaced system filters P/N 157-1 and P/N B3-5-1. Ground run, ops checked good.

-END- Matt Thayer AIP 4/0591787

| | | | |
|------------------------|--------|--|---------------|
| 8/16/99 | 2967.8 | Sacked up aircraft, Removed main wheels. Removed and Replaced (2) P/N 301-028-330 tires. Reinstalled wheels on aircraft. Matt Thayer | |
| Total To Carry Forward | | | AIP 4/0591787 |

| and Remarks | Signature | Certificate No. |
|---|--------------------|-----------------|
| window latch P/N 472-024. | Matt Thayer | AIP 4/0591787 |
| 11-9-99 Aft repaired necessary to ferry from RKW to CHA aircraft airworthy for flight | Robert E. Sullivan | AIP 408683053 |

AIRCRAFT LOG

Date

N82090
TACH: 3009.5



W.O. # M1426
DATE: 4-28-00

Maintenance

REMOVED NECESSARY ACCESS PANELS, DOORS, EQUIPMENT, VERTICAL FIN, HORIZONTAL STABILIZER TO GAIN ACCESS TO DAMAGED AREA OF FUSELAGE APPROXIMATELY FUSELAGE STATION 187.5. REMOVED DAMAGED SKINS AND STRUCTURES. INSTALLED NEW SKINS P/N 99471-002, 68602-000, 38581-10, 686612-000, CHANNEL P/N 68606-000, HAT ASSY. P/N 686609-000, STIFFNER P/N 686641-000, BULKHEAD P/N 69106-000. INSTALLED NEW PITOT TUBE P/N 69041-008 LEFT WING. INSTALLED NEW GILL G-35 BATTERY. INSTALLED NEW ADF ANTENNA P/N KA44B, LORAN ANTENNA P/N N4154, L-BAND ANTENNA P/N KA60. ALL HARDWARE AND FASTENERS ORIGINAL FACTORY ITEMS. REMOVED LEFT WING DUE TO EXTENSIVE DAMAGE, SHIPPED TO WILLIAMS AIRMOTIVE FOR REPAIR AND OR REPLACEMENT OF SKIN IN AREA OF PITOT TUBE AND OUTBOARD FLAP HINDGE AND INBOARD AILERON AT WING STATION 107.1 SEE RETURN TO SERVICE TAG. REINSTALLED WING AFTER REPAIR ALSO INSTALLED VERTICAL FIN, HORIZONTAL STABILIZER, NEW FLAP P/N 65591-000 LEFT WING, INSTALLED NEW STABILIZER TIP CAPS P/N 63584-00. INSTALLED NEW LEFT MAIN TIRE P/N 301-027 600X6X6. ALL CONTROL, SURFACES REINSTALLED, RERIGGED, CABLE TENSION SET, ALL DOORS, EQUIPEMENT AND ACCESS PANELS REINSTALLED. INSTALLED NEW LANDING GEAR SPRINGS P/N 487-483, 487-484, 487-487, 487-495. GEAR CYCLED THRU SEVERAL CYCLES ALL SYSTEMS CHECKED GOOD AIRCRAFT PAINT RESTORED TO ORIGINAL CONDITION. AIRCRAFT TEST FLOWN ALL SYSTEMS CHECKED GOOD AIRCRAFT RETURNED TO SERVICE. MADE 337 AND FILED SAME DATE.

ROBERT E. SUTTON
A/P 408683053 IA

Total To
Carry For

Registration No.

and Remarks

6-27-00

Signature

Certificate No.

Aft TT 3009.5 Performed an annual inspection Per FAR 43 appendix D and Piper Saratoga Inspection Guides, Adjusted rear Baggage & main door latches, reinstalled wire on up limit switch for A/c door circuit, cleaned ELT remote switch, Installed Springs Landing gear, Installed ADF ant P/N KA 44B, Reconnected marker Beacon ant, relocked left wing jock pad, Installed left wing new light lens & Gasket, Installed new wing root seal P/N 187-256, Installed A/c idler pulley 99072-000 & A/c Belt P/N 11M1030, Installed Left & Right -

-next page

AIRCRAFT LOG

| Date | Aircraft Time | | Recorder Reading | Maintenance |
|------------------------|-------------------|-------|------------------|---|
| | This Date | Total | | |
| | Brought Forward → | | | |
| | | | | Stabilizer tips P/N 63584-00 |
| | | | | Installed missing rivets in Heater Muffler, Installed |
| | | | | new Receiver Drier for A/C, Installed new |
| | | | | Left main gear Tire 600X6X6, Repaired Rt Rear |
| | | | | Engine Baffle, Reinstalled Co-pilot's Rudder pedal |
| | | | | Pad Left Pedal, Adjusted trim to clear mixture |
| | | | | Cable, Installed new Points in mag. P/N 10-382585 |
| | | | | C/W AD 93-02-05 Fuel Injection Lines By Inspection |
| | | | | Per AD 4 MSB 342.B found to be ok, C/W AD 76-07-12 |
| | | | | Bundling Ign. Switch, checked etc Per TCM 639 Para. 1 a b c |
| Total To Carry Forward | | | | |

Registration No. _____

| and Remarks | Signature | Certificate No. |
|---|---|-----------------|
| <p>I CERTIFY THIS AIRCRAFT ENGINE HAS BEEN
 INSPECTED IN ACCORDANCE WITH A 100 hr ANNUAL
 INSPECTION AND FOUND AIRWORTHY.
 APPROVED FOR RETURN TO SERVICE.
 DATE: <u>6-27-00</u> TACH TIME: <u>3009.5</u></p> | <p><i>Robert E. Sutton</i>
 ADD 408683053IA</p> | |
| <p>7-18-00 ELT Reinstalled AFTER Receiving From NARCO
 Next Due change 626-02 ELT checked T/A/W
 FAR 91.205</p> | <p><i>Robert E. Sutton</i>
 ADD 408683053</p> | |
| <p>REPLACE ELT BATTERY BY:
 JUN 26 2002</p> | | |
| | | |
| | | |
| | | |
| | | |

AIRCRAFT LOG

| Date | Aircraft Time | | Recorder Reading | Maintenance |
|------|---------------|-------|------------------|-------------|
| | This Date | Total | | |

LOGBOOK ENTRY N82090

1-17-2001 Replaced broken ELT antenna at same location with new Narco p/n 016520101 antenna. Operation check of ELT10 antenna system OK.

Dale Rasor

STAR AVIONICS, INC.

LOVELL FIELD

CHATTANOOGA, TN 37421

FAA CERTIFIED REPAIR STATION # TA 4R537M

Total To

Registration No. _____

and Remarks

Signature

LOGBOOK ENTRY N82090

THE FOLLOWING ALTIMETER SYSTEM AND ALTITUDE REPORTING EQUIPMENT TESTS AND INSPECTIONS AS REQUIRED BY FAR 91.411, IN ACCORDANCE WITH FAR 43, APPENDIX E HAVE BEEN PERFORMED.

PARA (a) STATIC SYSTEM TO 2000' 1-17-01

PARA (b) ALTIMETER #1 TO 20000' s/n 0A025 1-16-01

ALTIMETER #2 TO N/A

PARA (c) INTEGRATED SYSTEM TO 20000' 1-17-01

KT-76A s/n 32193 1-17-01

ATC TRANSPONDER SYSTEM OPERATION CHECKED AND MEETS REQUIREMENT OF FAR 91.413 AS PRESCRIBED IN APPENDIX F OF PART 43. *Jeff K. Hildner*

STAR AVIONICS, INC.

LOVELL FIELD

CHATTANOOGA, TN 37421

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