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The Standard
AIRCRAFT LOG

A101 041-21

The Standard Aircraft Log
SA-2

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ISBN 1-56027-117-5
ASA-SA-2

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Published by
Aviation Supplies & Academics, Inc.
7005 132nd Place SE
Renton, WA 98059-3153

Printed in Canada



P N R A S A - S A - 2



9 781560 271178

Aircraft Record General Information

Manufacturer PIPER Model PA 32-300
Serial 32-7440141 Registration Number N 44020
Date of Manufacture 1974.

Engine(s) currently installed:

Manufacturer _____ Model _____ Serial _____
Manufacturer _____ Model _____ Serial _____

Propeller(s) currently installed:


Manufacturer _____ Model _____
HUB Model _____ Serial _____ Serial _____
Blade Model _____ Serial _____ Serial _____ Serial _____
Blade Model _____ Serial _____ Serial _____ Serial _____

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
19 <u>95</u>				
SEPTEMBER 27, 1995	TACH 3654.9	4660s	3789.7	1639.8 SHOH
<p>AIRFRAME INSPECTED FOR ANNUAL INSPECTION. PANELS & INTERIOR REMOVED FOR INSPECTION. ALL PULLAIS & BELLCRANKS LUBED & INSPECTED. BATTERY SERVICED. INSTALLED NEW POSITIVE BATTERY STRAP ON BOX TO BATTERY. INSPECTED BRAKES. REMOVED WHEELS - CLEANED & GREASED ALL BEARINGS. LANDING GEAR LUBED FULL SYSTEM INSPECTED FOR SECURITY. ALL PLACARDS INSPECTED. INTERIOR INSPECTED. ALL LIGHTS CHECKED FOR OPERATION. FLIGHT CONTROLS INSPECTED & LUBED. ENGINE MOUNT INSPECTED FOR SECURITY. ENGINE CONTROLS LUBED & INSPECTED. AD NOTES UP TO THIS DATE SEE LIST PROVIDED. AIRFRAME WASHED.</p>				
<p>I certify this aircraft has been inspected in accordance with an annual inspection and has been determined to be in airworthy condition. Tom Sabata</p>				
93445544 IA-AP				

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19 _____				
10/16/95	Toc 3667.55			<p>RTR ILEZ14 SN 2528, ILEZ01C SN 14785 For alignment. System and checks ok. See Ser WO 992354 Paul Ham (CSIE) ASD4360</p>
NOVEMBER 3, 1995	TACH 3675.0			<p>5B KIT # 765-186V INSTALLED AMPMETER REPLACEMENT AS PER KIT NO. 765-186V USING DLG NO 88046 DATED NOV 05, 1990. INSTALLED AS PER MANUFACTURER'S INSTRUCTIONS, USING PROVIDED HARDWARE. Tom Sabata - 93445544 AP-IA</p>
NOVEMBER 2, 1995	TACH 3675.0			<p>INSTALLED NEW GILL 35 BATTERY SN 601602268 Tom Sabata 93445544 IA-AP.</p>

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2-22	3811.0	Hobbs.		Replaced Cabin speaker. Repaired shorted intercom wiring. Installed Antenna Adapter for hand-held radio.
<p>THE AIRCRAFT AND/OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS AGENCY UNDER:</p> <p>W.O.# <u>WT976</u> DATE: <u>2-22-96</u></p> <p>SIGNATURE FLIGHT SUPPORT</p> <p>CBS401TH077K</p> <p>APPROVED <u>RS Ruzik</u></p>				

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
MARCH 13, 1996	3814.2	Hobbs		INSTALLED INSIGHT GEN ENGINE MONITOR SYSTEM PART # 1261 SN/8803. SYSTEM MODEL 6020. INSTALLED AS PER MANUFACTURERS INSTRUCTIONS. 337 FILED THIS DATE WITH FSDO-1 ALBANY NY. Tom Sabara 93445544 IA-AP
MARCH 16, 1996	3814.2	Hobbs		INSTALLED NEW PRESTOLITE ESEBB75A SN 9515 STARTER DRIVE. OPS CHKS OK Tom Sabara 93445544 AP

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June 6, 1996	TACH		3710.01	Installed Two 6.00-6 Grey Condon Tires on main gear. Regreased wheel bearings. Checked BRAKES - Lubed Pins. CHANGED OIL & FILTER. INSPECTED FILTER. INSTALLED COMPUD FILTER Tom Sagara 93445544 AA-CA
07-17-96				Aligned #1 + #2 VOR's - 0° error. Lve + GS checked OK. See W.O. 5446  NORTHEASTERN AVIONICS INC. Barnes Municipal Airport Westfield, Ma. 01085 FAA PV40055E

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SEPTEMBER 19, 1996	TACH		3739.54	TTS4014 1724.44
				AIRCRAFT INSPECTED FOR ANNUAL INSPECTION. O/W AD 96-12-07 INSPECTION OF LH MAG IMPULSE COUPLING. PANELS REMOVED; INTERIOR OF WINGS & FUSelage INSPECTED & LUBED. Pulleys ROTATED/LUBED w/ LMS2. INSTALLED NEW O-RINGS BOTH CALIPERS. SERVICED BRAKES, WITH 5606. Wheel BEARINGS INSPECTED. TIRES & GEAR SERVICED WITH AIR & GREASE. INSTRUMENT PANEL INSP FOR SECURITY & PLACARDS. LUBED RODDEN CONTROL. ALL GLASS INSPECTED FOR CONDITION. FLIGHT CONTROLS INSPECTED. FUEL SYSTEM INSPECTED. Fuel FUSER STRAINER CHECKED. A/Ds CORRECT THIS DATE. ECT DUE NOV 97. I certify this aircraft has been inspected in accordance with an annual inspection per FAR Appendix D and is determined to be in airworthy condition. Tom Sagara 93445544 1A.

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
October 11, 1996	TACH		3756.12	Complied with AD # 96-10-03 by installation of Braking & Clevis Bolt as per AD. Installed new Piper nose strut Bumper. Tom Sabata 93445544 AP-IA
November 5, 1996	TACH		3773.2	Replaced LH Brake Linings (4ea) with Cleveland 66-105 Linings. Replaced RH Linings (2ea). Washed engine w/cleaner. Tom Sabata 93445544 AP-IA
November 23, 1996	TACH		3780.69	Installed MX170B MW/COM SN 2825. Removed KX175B LIGHT-BAL NEG/. Installed GPS ANTENNA CI-405-30C on TOP FOLDRAGE. Tom Sabata 93445544 AP-IA
FEB 18, 97	TT		3795.84	Rem SN 2825-MX170B INOP. Reinstalled KX175B Tom Sabata 93445544 AP-IA

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				RETURN TO SERVICE TKM 14811 North 73rd. Street Scottsdale, AZ 85260 MFG Maintenance Facility #MMF-S48-035 This unit identified was repaired & inspected in accordance with Federal Aviation Regulations, & was found airworthy & is approved for return to service. Pertinent details of the repair are on file. DATE <u>3-6-97</u> MODEL <u>MX-170</u> SN <u>2825</u> SIGNATURE <u>Tom Sabata</u>
JUNE 20, 97	TT		3885.00	Removed MX170B SN 2825. Inop. Reinstalled KX175B. Tom Sabata 93445544 AP-IA

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				<p>NORTHEASTERN AVIONICS, INC. BARNES MUNICIPAL AIRPORT WESTFIELD, MA 01085</p> <p>N#: N44020 Make: Piper PA32-300 Serial: 32-7440141 Date: 09-04-1997 W. O.: 6510</p> <p>Complied w/King KT76A-7 Service Bulletin. ATC transponder tests and inspections required by FAR 91-413 were performed and were found to comply with FAR Part 43 Appendix F.</p> <p>King KT76A #103952</p> <p>FAR 91-411 has been accomplished I/A/W Part 43 Appendix E Paragraph A & B & C. The altimeter has been tested to 20,000 feet.</p> <p>United Inst. 5934P-1 #H2515</p> <p><i>Thomas E. Mendrala</i> Thomas E. Mendrala FVHR055E</p>

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				<p>SEPTEMBER 30, 1997 TACH 3931.71. TTAF 3931.71.</p> <p>Annual inspection completed this date. All wheels removed and cleared. Bearings cleared & inspected. All friction points lubed. Fuel system inspected for leaks & security all flight controls inspected and lubed. Panels removed and pulleys & bushings lubed. Removed fuel line & cleaned & lubed. Fuel speed actuator. Replaced Pilot's trim switch in yoke. Interior inspected. Lubed Pedal friction points. Brakes inspected all lights inspected for operation. ECU battery installed due October 1999. ECU functionally checked as per Part 91.</p> <p>Oil's current this date. Bendix switch inspected as per AD Seats & rails inspected for security.</p> <p>I certify this aircraft has been inspected in accordance to an annual inspection and has been determined to be in airworthy condition.</p> <p>Thomas E. Mendrala 93445544 AD-IA</p>

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October 15, 1997			TT 3970.01	INSTALLED MX170B SN 3201 Removed KX175B. Tom Sabala 93445544 APEA.
November 6, 1997			TT 3981.82	Removed MX170B SN 3201 (INOP) Reinstalled KX175B.

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12-06-97	3971.72			Repaired King KI214. Reinstalled and checked OK. Reference W.O. 6835. J. E. Hurd FVHROSTE
MAR 1-98.				ENGINE REMOVED FROM AIRFRAME FOR TBO OVAL. DURING INTERIM FOLLOWING WORK WAS PERFORMED ON AIRFRAME. Tom Sabala 93445544 IA ↓ NEW HOBBS INSTALLED AT THIS TIME READS 0.0
JULY 19, 1998	Hobbs 0.0		TT ACFT: TACH - 4008.12	FUSELAGE WAS SUFFED AND OVERCOAT OF WHITE PAINT APPLIED. INSTALLED NEW CONCOR 6-600-6 PLY TIRES. WHEEL BEARINGS SERVICED. INSTALLED NEW FUEL TANK TO AIRFRAME FLEXIBLE HOSES, BOTH FUEL TANKS.

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19				INSTALLED NEW FLEXILOC BRAKE HOSES. ON BRAKE TO AIRFRAME BOTH WHEELS.
				REPLACED DORSAL FIN WITH NEW GF99621-00 SN 02239814 BY GLOBE FIBERGLASS.
				INSTALLED NEW WING ROOT SEAL. # 65773
				INSTALLED COMPLETE ANTEX INTERIOR - CARPETS - SEAT COVERS - SIDE PANELS - HEADLINES. OVERHEAD AIR DUCT SECTION. & LOUVER ASSYS SEALED.
				REPLACED - O-RINGS & HONED BRAKE HAND MASTER CYL.
				REBUILT 1 WHEEL MASTER CYLINDER. BLED BRAKES USING 5606 HYD FLUID
				INSTALLED NEW AA 21CC DRY AIR PUMP.
				OVERHAULED STARTER - INSTALLED NEW BEARINGS - BRUSHES - & BENDIX W/INT INSTALLED
				OVERHAULED ALTERNATOR ASSY. USING NEW BEARINGS & BRUSHES.
				NEW AIR FILTER INSTALLED.
				— NEXT PAGE —

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19				MUFFLER OVERHAULED BY AERO FABRICATORS WO# 0304154 SN 68796-00 PART # A-323-000
				EXHAUST STACK OVERHAULED BY AIRCRAFT EXH SYST WO# 44956 PART # 62793 3-4-98
				NEW LW 13807 FUEL DRAIN INSTALLED ON INTAKE SUMP.
				EXHAUST INSTALLED USING NEW HARDWARE & GASKETS.
				ENGINE REINSTALLED USING 4 NEW B-94110-02 ENGINE SHOCK ABSORBERS.
				INSTALLED NEW SCAT HOSE
				NEW AIRCRAFT HOBBS MEYER INSTALLED THIS DATE.
				NEW VOLT REG INSTALLED
				REMOVED KX175 Radio & MOVED MX170 SN 2825 TO #2 POSITION IN COLUMN. SEC 337 FILED THIS DATE FSDO ALB-1
				INSTALLED KX155/NAV/COM SN 31251 PART # 069-1024-42 IN #1 POSITION.
				INSTALLED KI209A SN 1688 IN #1 POSITION.
				INSTALLED C1503 GS. SPLITTER BETWEEN #1-2 RADIOS.
				— NEXT PAGE —

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19				<p>WEIGHT & BALANCE UNAFFECTED BY THIS CHANGE.</p> <p>REPAIR TO UPPER WING SKINS BOTH LH-RH WINGS- REPLACEMENT OF 2 WING SKINS 1 EA WING MADE DUE TO MINOR CRACKING OF WING SKIN IN SEVERAL RIVET AREAS. FOUND MINOR RIB CRACKS BOTH SIDES 1 EA RIB. REPAIRED RIBS & REPLACED UPPER SKINS. USING 2024T3.025 MATERIAL REPLACED FULL TANK LEAST HOSES AT THIS TIME. SEE 337 FOR WING SKIN REPAIR. INSTALLED NEW ADF WIRE FROM TAIL TO CABIN. REINSTALLED ENGINE - TEST RAN. ADF'S ALL CURRENT THIS DATE. SEE LIST. I certify this aircraft has been inspected in accordance with an annual inspection per FAR 43 appendix D and is determined to be in airworthy condition. Engine performance check and system operation checked CW per FAR 43:15 para C12 Tom Sabata 93445544 7A</p>

-END-

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DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
19				<p>JULY 10, 98 HOBBS O.O TT A6T 4008.12</p> <p>INSTALLED WING FAIRINGS MANUFACTURED BY KNOTS 2U STC # SA12176L. SEC 337 FILED FSDD-ALB-1 WEIGHT & BALANCE COMPUTED IN ACFT WGT & BALANCE RECORDS. Tom Sabata 93445544 7A.</p>