



AIRCRAFT DESCRIPTION

MANUFACTURER AERO COMMANDER MODEL 500B

SERIAL NUMBER 1450-159 REGISTRATION NUMBER N171Z

DATE OF MFG. 1964

REGISTERED OWNER U.S.D.A. - U.S. FOREST SERVICE

STREET ADDRESS P.O. Box 3623

CITY, STATE, ZIP PORTLAND, OREGON 97208

OPERATOR SAME - R-6

STREET ADDRESS

CITY, STATE, ZIP

REGISTERED OWNER

STREET ADDRESS

CITY, STATE, ZIP

OPERATOR

STREET ADDRESS

CITY, STATE, ZIP

Inspection Status

[Check one]



F.A.R. 91.169 ANNUAL/100 HOUR



F.A.R. 91.71 PROGRESSIVE



F.A.R. 91.217 SUBPART D



F.A.R. 135.60 A.T.C.O.



OTHER

DATE ENTERED

MAINTENANCE RESPONSIBILITY

ALTIMETER & STATIC SYSTEM CHECKS

F.A.R. 91.170

DATE	MANUFACTURER	MODEL	SERIAL NO.	LOCATION	MAX. ALT.	RECHECK REQUIRED	APPROVED BY: AGENCY CERT. NO.
I Certify That Altimeter And Static System Tests Required By FAR Part 91.171 Have Been Performed:							
Static System Date <u>11-30-84</u>							
Altimeters Tested To <u>20'000</u> Ft.							
Alt S/N <u>30962C</u> DATE <u>11-21-84</u>							
W.O. # <u>07342</u>							
Signature <u>Roland Milligan</u>							
Flightcraft, Inc. ARS4126							
2-19-86 Encoding Altimeter Repaired and certified in accordance with FAR 91.171 and Transponder checked for Encoding response in accordance with FAR 91.172 & 91.36 Static system checked Roland Milligan ARS 4126							
I Certify That Altimeter And Static System Tests Required By FAR Part 91.171 Have Been Performed:							
Static System Date <u>5-5-86</u>							
Altimeters Tested To <u>20'000</u> Ft.							
Alt S/N <u>L34933</u> DATE <u>5-5-86</u>							
RH S/N <u>30962C</u> DATE <u>5-5-86</u>							
W.O. # <u>40066</u>							
Signature <u>Roland Milligan</u>							
Flightcraft, Inc. ARS4126							
I Certify That Altimeter And Static System Tests Required by FAR Part 91.171 Have Been Performed:							
Static System Date <u>4-28-88</u>							
Altimeters Tested To <u>20'000</u> Ft.							
Alt S/N <u>L34933</u> DATE <u>4-28-88</u>							
RH S/N <u>30962C</u> DATE <u>4-28-88</u>							
W.O. # <u>46688</u>							
Signature <u>Roland Milligan</u>							
Flightcraft, Inc./Portland ARS4126							

RADIO & ELECTRONIC CHECKS

DATE	TOTAL TIME	EQUIPMENT CHECKED	TYPE OF CHECK	ERROR OR RESULTS	NEXT CHECK DUE	CHECKED BY: SIGNATURE — CERT. NO.
Date <u>May 6, 1986</u> 1. Transponder Make <u>Whitcor</u> Model <u>1014A</u> Serial <u>2319</u> 2. Transponder Make <u>Whitcor</u> Model <u>1014A</u> Serial <u>2353</u> was tested in accordance with FAR Part 91.172 and found to comply with appendix F of Part 43 Signature <u>Ron Nelson</u> FLIGHT CRAFT, INC. ARS 4126. Date <u>7-2-87</u> 1. Transponder Make <u>Collins</u> Model <u>TDR-950</u> Serial <u>19868</u> 2. Transponder Make <u>_____</u> Model <u>_____</u> Serial <u>_____</u> was tested in accordance with FAR Part 91.172 and found to comply with appendix F of Part 43 Signature <u>NW</u> FLIGHTCRAFT, INC./PORTLAND ARS 4126. Date <u>April 29, 1988</u> 1. Transponder Make <u>Collins</u> Model <u>TDR-950</u> Serial <u>19868</u> 2. Transponder Make <u>_____</u> Model <u>_____</u> Serial <u>_____</u> was tested in accordance with FAR Part 91.172 and found to comply with appendix F of Part 43 Signature <u>Ron Nelson</u> FLIGHTCRAFT, INC./PORTLAND ARS 4126.						

MAINTENANCE RECORD

F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
6-3-83		Removed remote stand gyro and repaired. Installed remote stand gyro. P/N 832C tested system and completed job.	
8-15-83	Total Time 6132.5	100 Hr Insp Completed. 1AW Aero Commander Rockwell 100 Hr Insp form. Serviced Brakes, Battery, Tires, Hyd Res. Replaced Hydraulic Res Filter, Central Air & Vac Reg filters. Replaced Rotating Beacon Bulb. ELT OPS Ckd OK Batt Exp Sept 85. Installed O/H Dual CHT Indicator Model AN5795-6 S/N 3112M See Tag. To certify this Airframe to be in Airworthy Condition Charles S. Stupp	AP 543623193
8-22-83	Total Time 6133	Replaced NOSE TIRE, Replaced BRAKE LININGS and DISCS on LT + RT Main Gear. Repacked NLG Wheel Bearings. Sherry A. [Signature]	AP 542803572

MAINTENANCE RECORD

F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
9-7-83	Total 6183.8	50 HR Insp. Serviced Brakes, Battery, Tires & Hyd Res. Installed Pointer ELT Ant. & lead. Replaced Rt Brake disc & housing Assy & Pads	Charles S. Staffleheer AIP 543623193
10-6-83	Total 6225.7 Tach 931.4	100 HR Insp 1AW Rockwell International 100 HR Insp form - Serviced Brakes, Batteries, Tires Hyd Res 1/2 Accumulator & Hyd Accumulator - Replaced; Vac Reg Filters; Rotating Beacon Bulb; Wiper Blade (windshield); Hyd pressure Gages; O' Rings; Nose wheel Bases & Bearings; Installed Replaced Fire Extinguisher under Pilots seat - Shimmed Nose Gear scissors - Performed 1/2 Retraction test - OK - ELT Battery Exp Sept 85 ops ckd OK - Replaced Rt wing de-ice boot patch & Re-glued Lt wing de-ice boot - Replaced Lt Eng nacelle fuel strainer - I certify this Airframe to be in Airworthy Condition	Charles S. Staffleheer AIP 543623193

MAINTENANCE RECORD

F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
		Advanced Aviation Systems, Corp. Roberts Field - P.O. Box 610 Redmond, OR. 97755	
	Date 10-6-83	Tach Time 931.4 Total Time 6225.7	
		I certify that this aircraft has been inspected in accordance with <u>Annual</u> inspection and was determined to be in airworthy condition.	
	Signed	Jack D. Steward #22165D61A	
11-3-83	Tach 6243.4	Installed O/H Vacuum Turn & Bank Bendix Indicator Model # 1722-2A1-B3 S/N A2602 - Replaced Inst. (I/B) Air filter - Replaced 2 Flood Lite bulb over head Console - Attached loose wire to Instrument Lite Circuit Breaker Sw.	Charles S. Staffleheer AIP 543623193

MAINTENANCE RECORD

F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
11-11-83	Tack 6.248.7	Replaced Lt Fuel boost pump switch. Replaced Lt Fuel boost pump Mfr-Romac Model # R612400 E S/N 13-1233. Replaced disturbed Gskts & O-Rings. Test Ran - ckd OK Charles S Stoffbelen AEP543623193	

MAINTENANCE RECORD

F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
5/11/84	TT 6278.4	Completed 5000 hr T.R.A.W. insp. & Annual insp. Remove Landing Gears & O/H. Drain & cleaned Hyb Reservoir. installed Heated windshield plate. old both props & perform AD 68-19-4. Installed RATAV Turbo charger sys. (Furnished by customer). made access panel to 02 Bottle shut off. Reseat caps & locks. Replace Bearings in Props & Ailerons. Resealed Prop. Actuator. chg Heater A/D. 82-51-03 weighed A/C. mod camera from round to square. chg wing span insp AD 65-6-1. Hydrostatic one 02 Bottle.	

AERO AIR INC., PORTLAND-HILLSBORO AIRPORT-HILLSBORO, OREGON
F.A.A. APPROVED REPAIR STATION NO S03-17

I, Steve Date 5/11/84 certify that this aircraft has been inspected in accordance with a
signature ANNA inspection and was determined to be in airworthy condition. Pertinent
2607 & 2610 details of this repair are on file at this agency under Work Order No.
Total time for tech reading TT 6278.4

Signature

Stoffbelen

Inspector, R.S. S03-17

F.A.R. 43.9

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F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
		I CERTIFY THAT THE STATIC SYSTEM TEST REQUIRED BY F.A.R. PART 91 171 HAVE BEEN PERFORMED. DATE <u>5/11/84</u> <u>[Signature]</u> INSPECTOR REPAIR STATION NO. S03-17	
		I certify that the ATC transponder tests and inspections required by FAR part 91.172 have been performed. Transponder model <u>1014A</u> S/N <u>2910</u> Signature <u>[Signature]</u> Date <u>5-11-84</u> Aero Air, Inc. F.A.A. Approved Repair R.S. # S03-17	I certify that the ATC transponder tests and inspections required by FAR part 91.172 have been performed. Transponder model <u>1014A</u> S/N <u>2953</u> Signature <u>[Signature]</u> Date <u>5-11-84</u> Aero Air, Inc. F.A.A. Approved Repair R.S. # S03-17

AGENCY & CERTIFICATE NO.
WORK PERFORMED/RETURNED TO SERVICE

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
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F.A.R. 43.9

A large, stylized number '3000' is printed in a light gray, textured font across the top of the page. The number is composed of a '3' followed by three '0's. The texture is a fine, irregular pattern of dots and lines, giving it a grainy appearance. The number is centered horizontally and spans most of the width of the page.

F.A.R. 43.9

F.A.A. APPROVED REPAIR STATION NO S03-17	
DATE <u>6/26/85</u>	I certify that this aircraft has been inspected in accordance with a inspection and was determined to be in airworthy condition. Pertinent details of this repair are on file at this agency under Work Order No. <u>2299</u> Total time (or tach reading) <u>6328-6</u>
SCH Signature <u>[Signature]</u>	
Signature <u>[Signature]</u>	Inspector, R.S. S03-17

MAINTENANCE RECORD

F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
7/18/84	TT 6387.3	Completed work in app per Command Inspection Guide. Replaced 2 bottles blue oil cap. Distraction checks service batteries. EIT one Sept 85	
AERO AIR INC., PORTLAND HILLSBORO AIRPORT HILLSBORO, OREGON F.A.A. APPROVED REPAIR STATION NO S03-17 Date <u>7/18/84</u> certify that this aircraft has been inspected in accordance with a inspection and was determined to be in a worthy condition. Pertinent details of this repair are on file at this agency under Work Order No. <u>6387.3</u> Signature <u>[Signature]</u> Inspector R.S. S03-17			

MAINTENANCE RECORD

F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
7-23-84	6399.9	40 90608 Replaced 2 main tire. Reversed left main to equalize wear. Checked OK for service. Jack B. Richardson	CHIEF INSPECTOR RS4110
8-2-84	40 90285 + 90738	Bench checked H.S.I. & OK for service. Checked & repaired engine gage unit & OK. Jack B. Richardson	CHIEF INSPECTOR RS4110
8-2-84	40 90745	Complied with 50 hr inspection. Front dir. gyde. Replaced deice pressure hose & checked OK. Jack B. Richardson	CHIEF INSPECTOR RS4110

AAR WESTERN SKYWAYS, INC.
PORTLAND TROUTDALE AIRPORT
TROUTDALE, OREGON 97060

F.A.R. 43.9

F.A.A. APPROVED REPAIR STATION No. 4110
PORTLAND-TROUTDALE AIRPORT
TROUTDALE, OREGON

F.A.R. 43.11 - 91.217

AERO AIR INC., PORTLAND-HILLSBORO AIRPORT-HILLSBORO, OREGON
F.A.A. APPROVED REPAIR STATION NO S03-17

Made 8/24/01 certify that this aircraft has been inspected in accordance with a
100% RF inspection and was determined to be in airworthy condition. Pertinent
 details of this repair are on file at this agency under Work Order No.
2394 Total time (or each reading) 64 74.8
 Signature [Signature] Inspector, R.3. S03-17

9-17-84	Aircraft	Total time 6525 Completed a 50 hour inspection per Aero commander 500 inspection guide and was determined to be in air worthy condition Details on WO# 06956 Roland Millerigan ARS 4126
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INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
DATE <u>11-2-84</u> TAC/HM <u>6569.2</u> TOTAL TIME <u>6569.2</u> SMOH		<u>100 hr inspection completed on aircraft</u>
I CERTIFY THAT THIS AIRCRAFT/ENGINE HAS BEEN INSPECTED IN ACCORDANCE		<u>in accordance with forest service 100 hr</u>
WITH AN <u>AL/100</u> HR INSPECTION AND WAS DETERMINED TO BE IN AN		<u>inspection check list, installed</u>
AIRWORTHY CONDITION, APPLICABLE A.D. NOTES AS RECORDED COMPLIED		<u>alternate static air source, replaced</u>
WITH DETAILS ON W/O <u>07500</u> SIGNATURE <u>[Signature]</u>		<u>central air filter, Heater Hm. 258 operational check</u>
INSPECTOR, FLIGHTCRAFT, INC. ARS4126		<u>good, Pointer ELT Removed, Vasco ELT installed, same</u>
		<u>place, ELT Battery date sept 86, operational check good,</u>
DATE <u>1-28-85</u> TAC/HM <u>6613.3</u> HR. INSP. CHANGED OIL <u>24</u> SERVICED WITH OIL TYPE <u>Phillips 20/50</u>		
OIL SCREEN/FILTER CLEANED <u>24</u> AIR MAZE CLEANED <u>24</u> PROP BOOTS CHECKED <u>24</u> HYD. FLUID CHECKED <u>24</u>		
CHECKED DAT, WATER <u>24</u> LANDING GEAR LUBED <u>24</u> TIRES CHECKED <u>24</u> ENG. RUN, CHECKED <u>24</u>		
AIRCRAFT/ENGINE HAS BEEN INSPECTED AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION		
ON W/O <u>08641</u> SIGNATURE <u>[Signature]</u> INSPECTOR, FLIGHTCRAFT, INC. ARS-126		
3		

INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
5-6-85	WORK ORDER 32571 TOT TIME 6669.5	
	REMOVED LEFT ENGINE FOR OVERHAUL DUE TO TIME SERIAL NUMBER L-1231-48 removed.	
	INSTALLED REBUILT ENGINE SERIAL NUMBER L-461-48 SEE ENGINE LOG FOR DETAILS.	
	REMOVED BOTH PROPS FOR AD COMPLIANCE AND RESEALING, SEE PROP LOGS FOR DETAILS.	
	COMPLETED ANNUAL INSPECTION IN ACCORDANCE WITH FOREST SERVICE 100 HOUR INSP.	
	CHECKLIST AND FOUND AIRWORTHY FOR RETURN TO SERVICE. APPROVED FOR PART 135 or	
	PART 91 OPERATION. THE ELT AND FIRE EXTINGUISHER WERE CHECKED AND O.K. FOR	
	SERVICE. COMPLIED WITH SERVICE BULLETIN 198 PART I AND PART II BY INSTALLING	
	SERVICE KIT. AD 82-07-03 DUE AT APRIL 1986 AD 82-26-02 AIR FILTER N/A DUE TO	
	NOT PAPER TYPE. AD 82-27-03 N/A TO RAYJAY BY MODEL NUMBER. REPLACED MAIN GEAR	
	BUNGEEES ALL FOUR, DUE EACH 6 MONTHS. REPAIRED NOSE GEAR TORQUE LINKS. REPLACED	
	EGT GAGE AND PROBE CHECKED OPERATION AND BOTH O.K. REPLACED NOSE GEAR BUNGEE	
	SPRING DUE TO GALLING OF SHAFT, CHECKED RIG AND OPERATION AND O.K. REPLACED	
	O RINGS IN POWER BRAKE VALVES AND BLEED AND CHECKED FOR LEAKS AND OPERATION O.K.	
	REPLACED O RINGS ON PARKING BRAKE VALVE. RERIGGED ELEVATOR CABLES AND RESAFETE.	
	RERIGGED ELEVATOR TRIM AND RESAFETY. RERIG RUDDER TRIM, RERIG AILERON CONTROL	
	CABLES AND CHECKED FOR BINDING ALL O.K. BUT STILL STIFF. RESAFETY FLAP CABLES	
	WITH .041 SAFETY WIRE PER AC 43-13-1A. SERVICED HYD. RESEVOIR. REPLACED OIL	
	LINE ON RIGHT ENGINE DUE TO LAYING ON TURBO. CHECK AFT BULKHEAD JUST AFT OF	
	BAGGAGE COMPARTMENT AT TOP FORMER FOR PROGRESSION OF CRACK IN FORMER FROM	
	STOP DRILL AT NEXT 100 HOUR INSP. MADE AND INSTALLED NEW TURBO CHECK VALVE	
	BODY FOR TURBO OIL AND INSTALLED CHECKED AND O.K. REPLACED PROP DEICE BRUSH.	
	REPLACED LEFT AIR FILTER.	
	AAW WESTERN	
	SKYWAYS, INC.	
	PORTLAND-TROUTDALE AIRPORT	
	TROUTDALE, OREGON	
	F.A.A. APPROVED REPAIR STATION	
	CHIEF INSPECTOR	
	RS4110	

INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
		5-6-85 WORK ORDER 32575 TOTAL AIRCRAFT TIME 6669.5 REMOVED MORROW LORAN C. AVENGER 502B AND COMANT ANTENNA INSTALLED APPOLO II 612 LORAN C and A-16 LORAN C ANTENNA. INSTALLED FLITE-TRONICS CONVERTER PC-12VR. SEE 337 FOR APPROVALS. THE LORAN IS NOT TO BE OPERATED TILL FIELD APPROVAL OBTAINED FROM FAA PER AC 20-121 LORAN INSTALLATIONS. WEIGHT AND BALANCE AND EQUIPMENT LIST AMENDED. <i>Jack B. Richardson</i> CHIEF INSPECTOR RS4110 5/14/85 Field approval completed Loran approved for service. <i>Jack B. Richardson</i> CHIEF INSPECTOR RS4110
6-5-85	6686.8	Installed overhauled Oxygen Regulator model 8883 5/62561 Replaced RH landing light bulb <i>Roland Milligan</i> ARS 4126 FLIGHTCRAFT, INC. 7505 N. E. AIRPORT WAY PORTLAND, OREGON ARS4126 97218

INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
6-25-85	6720.8	DATE 6-25-85 TAC/HM 6720.8 50 HR. INSP. CHANGED OIL ☒ SERVICED WITH OIL TYPE <i>Quaker</i> WGT 20-50 ☒ OIL SCREEN/FILTER CLEANED ☒ AIR MAZE CLEANED ☒ PROP BOOTS CHECKED ☒ HYD. FLUID CHECKED ☒ CHECKED BAT. WATER ☒ LANDING GEAR LUBED ☒ TIRES CHECKED ☒ ENG. RUN, CHECKED FOR LEAKS ☒ AIRCRAFT/ENGINE HAS BEEN INSPECTED AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. DETAILS ON W/O 00862 SIGNATURE <i>Roland Milligan</i> INSPECTOR, FLIGHTCRAFT, INC. ARS4126
7-23-85	6769	DATE 7-23-85 TAC/HM 6769 TOTAL TIME 6769 SMOH - I CERTIFY THAT THIS AIRCRAFT/ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL 100 HR INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. APPLICABLE A.D. NOTES AS RECORDED COMPLIED WITH. DETAILS ON W/O 01523 SIGNATURE <i>Roland Milligan</i> INSPECTOR, FLIGHTCRAFT, INC. ARS4126 100hr inspection completed on aircraft in accordance with forest service 100hr inspection guide, ELT battery date 10-86 operational check good, heater HM 359.2, Replaced nose gear steering pads, checked crack in fender in aft baggage compartment checked good, Replaced vacuum relief filter
8-5-85	6784	Replaced 1st fuel boost pump, fueled aircraft, operational check of pump good. W/O 01516 <i>Roland Milligan</i> ARS 4126 FLIGHTCRAFT, INC. 7505 N. E. AIRPORT WAY PORTLAND, OREGON ARS4126 97218

INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
8-22-85	6819.5	Replaced LH main wheel assembly P/W ARS42623 S/W 78-2377 Details on W/O 01815 Roland Milligan ARS4126 7505 N. E. AIRPORT WAY PORTLAND, OREGON ARS4126 97218
DATE 9-27-85 TAC/HM 6814.4 TOTAL TIME 6874.4 SMOH -		100hr inspection completed on aircraft in accordance with forest service 100hr inspection guide, ELT battery date 10-86, operational check good, P/W AD 82-07-03 Amend 39-4354 by pressure checking jointed heater, heater HM 380 due again at 480 or 9-87, Disassembled brakes, replaced O rings and installed new parts, Replaced P/H main tire -
I CERTIFY THAT THIS AIRCRAFT/ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL /100 HR INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. APPLICABLE A.D. NOTES AS RECORDED COMPLIED WITH DETAILS ON W/O 01847 SIGNATURE Roland Milligan INSPECTOR, FLIGHTCRAFT, INC. ARS4126		
10-25-85	6915.7	50hr Inspection completed, Replaced RH fuel Boost Pump S/W B-851 Details on W/O 02379 Frank Sneed FLIGHTCRAFT, INC. 7505 N. E. AIRPORT WAY PORTLAND, OREGON ARS4126 97218

INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
DATE 1-24-86 TAC/HM 6967.9 TOTAL TIME 6967.9 SMOH -		100hr. inspection completed on aircraft in accordance with forest service 100hr. inspection guide, ELT battery Date Oct 86, operational check good, inspected first aid kit 6 month item, checked compass indicator 3 month item, drained reservoir and cleaned and replaced hydraulic filter, Replaced nose gear struts
I CERTIFY THAT THIS AIRCRAFT/ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL /100 HR INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. APPLICABLE A.D. NOTES AS RECORDED COMPLIED WITH DETAILS ON W/O 03282 SIGNATURE Roland Milligan INSPECTOR, FLIGHTCRAFT, INC. ARS4126		
3-5-86		Replaced gasket between scavage pump and engine case on P/H engine, Ran up engine and checked for leaks. Roland Milligan FLIGHTCRAFT, INC. ARS 4126 7505 N. E. AIRPORT WAY PORTLAND, OREGON ARS4126 97218
3-19-86		P/W 50hr inspection in accordance with Forest Service inspection guide and Aircraft was determined to be in an airworthy condition Details on W/O 04705 Roland Milligan ARS 4126
3-19-86.		Removed Dorne Margolan NAV antenna and installed Beech NAV antenna on vertical stabilizer. Roland Milligan ARS 4126

INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
DATE 5-7-86 TAC/HM	7038.9 TOTAL TIME 7038.9 SMOH -	Annual inspection completed on aircraft
I CERTIFY THAT THIS AIRCRAFT/ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH ALL FEDERAL/STATE INSPECTION AND WAS DETERMINED TO BE IN AN		in accordance with forest service inspection
AIRWORTHY CONDITION. APPLICABLE A.D. NOTES AS RECORDED COMPLIED WITH DETAILS ON W/O	40066	SIGNATURE Roland Miller guide # FS-5700-F, ELT battery date
INSPECTOR, FLIGHTCRAFT, INC. ARS4126		Oct 28, 1986, operational check good, Replaced main gear
		brackets, 6 month item, checked emergency exit 12 month item,
		inspected fuel flange of lower main spar cap at station
		24 with 9/32 90B 12 month item, checked fuel quantity system
		for calibration 12 month item, checked cabin door locking
		mechanism 12 month item, checked all electrical junction
		boxes 12 month item, 9w AD 82-07-03 Amend. 39-4354 by
		pressure checking jointed heater, heater HM.454, due
		again at 5-88 & HM of 554, Replaced all locks on aircraft
		9w 9/16 238 by lubing and sealing rudder & elevator trim
		cables as per instructions, Replaced 1/4 & 1/4 brake discs
		and pads, Replaced bulb in top beacon, replaced vacuum
		relief valve filter, Removed a Airm 289-1D directional gyro
		indicator and a KNR-600 VOR/Loc RMT Nav receiver,
		Installed a King KI 226 RMT and a KNR 600 Nav receiver,
		See 337 form for more information

INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
5-20-86		Adjusted 1/4 brake self adjusting Pin breaking, cleaned
		heater sparkplug & cleaned bypass valve assembly, Details
		on wo# 40384 Roland Miller FLIGHTCRAFT, INC.
		7505 N. E. AIRPORT WAY
		PORTLAND, OREGON
		ARS4126 97218
5-30-86	Hm. 7084.4	9w 50 hr inspection and service by using Forest Service
		50 hr inspection guide FS-5700-F, Aircraft has been inspected
		and was determined to be in airworthy condition, Details
		on wo# 40365 Roland Miller FLIGHTCRAFT, INC.
		7505 N. E. AIRPORT WAY
		PORTLAND, OREGON
		ARS4126 97218
7-1-86	7135:00	100 HR INSP CIW this DATE, AS Per U.S.F.S.
		INSPECTION Guide, AIRCRAFT FOUND TO
		be AIRWORTHY this DATE. RRM
		ASP1904335 IA
		Butler
		Aircraft Co.
		P. O. BOX 333, REDMOND, OREGON

F.A.R. 43.11 - 91.217

FLIGHTCRAFT, INC./PORTLAND
7505 N. E. AIRPORT WAY
PORTLAND, OREGON
ARS4126 97218

F.A.R. 43.11 - 91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
DATE 8-23-87	TAC/HM	1238. TOTAL TIME 7238. J SMOH - 100 hr inspection completed on Aircraft
I CERTIFY THAT THIS AIRCRAFT	ENGINE HAS BEEN INSPECTED IN ACCORDANCE	IN ACCORDANCE WITH FIRST SERVICE
WITH AN ANNUAL / 100 HR INSPECTION	AND WAS DETERMINED TO BE IN AN	INSPECTION GUIDE F8-5700-F, ELT
AIRWORTHY CONDITION. APPLICABLE A.D. NOTES AS RECORDED COMPLIED	WITH DETAILS ON W/O 41008	SIGNATURE John A. Smith
INSPECTOR: FLIGHTCRAFT, INC./PORTLAND ARS4126.		battery date Dec. 87, operational check
		per AD 85-14-10 REV I Amend. 39-5334 Hartzell blade
		clamps will be due Sept 27, 86. AD 86-05-02 Amend 39-5317
		United Altimeters N/A to S/O's of Altimeters, AD 85-26-03
		Amend. 39-5182 Scott Oxygen Connectors N/A to type of
		Oxygen connectors, AD 84-26-02 Amend 39-4966 induction
		air filters N/A no paper filters installed, inspected first
		aid kit 6 month item, Repaired EGT gauge, Repaired
		rotating beacon, Replaced 14 main gear tire.

INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
9-23-86	Aircraft	total time 7280.2 Removed YH & R/H props, C/W AD 85-14-10 Amend. 39-5098 hartzell blade clamps C/W AD 68-19-04 Amend 39-868 by inspection of blade shanks 1000 hr item due again at 8280.2 C/W AD 82-07-03 Amend. 39-4354 by pressure checking janitor heater, heater HM 540, due again at hr time of 640, C/W 1000 hr. inspection of flight control system, C/W 1000 hr. inspection of anti friction bearings, C/W 1000 hr. inspection of fuel quantity transmitter Roland Milligan CORRECTED TO 7335 DATE 11-20-86 TAC/HM 7335 TOTAL TIME 7335 SMOH I CERTIFY THAT THIS AIRCRAFT/ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL 100 HR INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. APPLICABLE A.D. NOTES AS RECORDED COMPLIED WITH. DETAILS ON W/O 4/16/88 SIGNATURE Roland Milligan INSPECTOR, FLIGHTCRAFT, INC./PORTLAND ARS4126
		100 hr. inspection completed on aircraft in accordance with forest service inspection guide F5-5700-F, ELT battery date Dec 87, operational check good, during compass 3 month item, Replaced aircraft battery S/W GO 817659

FLIGHTCRAFT, INC./PORTLAND
7505 N. E. AIRPORT WAY
PORTLAND, OREGON
ARS4126 97218

INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
		N171Z Logbook Entry 1-16-87 Hm: 181.9 Removed R/H generator. Replaced both ends caps on generator. Reinstalled generator. Details on W.O.#42182. Roland Milligan FLIGHTCRAFT, INC./PORTLAND 7505 N. E. AIRPORT WAY PORTLAND, OREGON ARS4126 97218
4/2/87	HM 199.4	50 Hour Insp C/W F55700F SERVICE BATTERY, BRAKES TIRES. R+R Blowdown Pressure gauge PIN 850186-500 ^{GREEN} 215-350 All systems normal on run-up. W. Kuper #22100R22

INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
4-20-87	225.1	Remove Aircraft Battery G6381E S/N G0 817659 (REAR cells DEAD) INSTALL New G.1 G6381E S/N G0 860581 Ops OK Normal. <i>U. Knight</i> AP 2212095A

6-2-87 WORK ORDER 25164 TOTAL TIME 7427.9 COMPLETED ANNUAL INSPECTION IN ACCORDANCE WITH APPROVED AERO COMMANDER INSPECTION GUIDE USING MAINTENANCE MANUAL AND FOUND AIRWORTHY FOR RETURN TO SERVICE. THE ELT WAS CHECKED FOR OPERATION AND OPERATION O.K. REPLACED LANDING GEAR BUNGIES PER SIX MONTH REQUIREMENT OF MAINTENANCE MANUAL. ~~ALL~~ OF THE HOSES IN ENGINE COMPARTMENTS WERE REPLACED PER FIVE YEAR REQUIREMENT, THE ENGINES WERE RUN AND CHECKED FOR LEAKS AND O.K. FOR SERVICE. REPAIRED WIRES TO RT. OIL TEMP PROBE AND CHECKED O.K. COMPLIED WITH AD82-07-03 (39-4354) pressure CHECK OF JANTROL HEATER AND O.K. FOR SERVICE DUE EACH 24 MONTHS OR 100 HEATER HOURS. 605 Hrs. COMPLIED WITH ANNUAL INSPECTION OF WING SPAR IN ACCORDANCE WITH AD65-06-01R AND FOUND NO CRACKS AT THIS TIME PER SERVICE BULLETIN 90A/B. PERFORMED EMERGENCY GEAR EXTENSION AND OPERATION NORMAL, RECHARGED ACCUMULATOR.

WAC WESTERN AIRWAYS, INC.
PORTLAND FORTMILLER AIRPORT
TROUTDALE, OREGON 97060

Jack B. Richardson
CHIEF INSPECTOR
R04110

INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
6-25-87	7460.4	Replaced aft elevator trim cable Details on WO# 43270 <i>Roland Milligan</i> FLIGHTCRAFT, INC./PORTLAND 7505 N. E. AIRPORT WAY PORTLAND, OREGON ARS4126 97218
7-2-87		Removed Wilcox number 1 & 2 transponders along with control heads and antennas, installed a Collins TDR 950 transponder in lower RH side of instrument panel, 337 form made out, equipment list revised, Weight & balance updated, <i>Roland Milligan</i> FLIGHTCRAFT, INC./PORTLAND 7505 N. E. AIRPORT WAY PORTLAND, OREGON ARS4126 97218
7-17-87	444.289.4	50 hr inspection and service in accordance with latest service inspection guide PWS-FS 5700F and Aircraft/engine has been inspected and was determined to be in airworthy condition, changed oil & cleaned oil filter (Aeroshell 15/50 W) Ran engines & checked for leaks. Details on WO# 43654 <i>Roland Milligan</i> FLIGHTCRAFT, INC./PORTLAND 7505 N. E. AIRPORT WAY ARS4126

INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
7-28-87	7499.7	Removed R/H engine engine driven fuel pump, repaired & reinstalled. Details on wo# 43699 Roland Milligan ARS 4126.
DATE 8-21-87 TAC/HM	336.2	TOTAL TIME 7510.1 SMOH = 100 hr inspection completed on aircraft in accordance with forest service inspection guide FS-5700-F, ELT
I CERTIFY THAT THIS AIRCRAFT/ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL/100 HR INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. APPLICABLE A.D. NOTES AS RECORDED COMPLIED WITH. DETAILS ON W/O 43699 SIGNATURE Roland Milligan INSPECTOR, FLIGHTCRAFT, INC./PORTLAND ARS4126.		
		Battery date Dec 87, operational check good, during compass 3 month item, inspected first aid kit 6 month item, repaired R/H engine fuel pump cleaned shimmy dampner pads, Replaced R/H & L/H landing light bulbs.

INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
OCT 7-87	Hobbs 426.5	100 hour inspection completed as per Forest Service Aero Commander 500 series inspection guide - perform landing gear retraction and extension test - checks OIL - service hydraulic accumulator to 600 psi and emergency extension bottle as req. service battery - tires - check brake linings and brake disk - clean nose shimmy dampner blocks - clean heater fuel filter and sprayer plug - repair broken upper deck pressure lines at fuel flow gauge as required - check ELT (replace battery DEC 87) - insp hydraulic reservoir filter - lubricate landing gear and flap system - I have inspected this airframe 1/1w the requirements for a 100 hour inspection and it is in airworthy condition. Rollhagen A-P 54254 E174 11A
	T.T. 7600.4	
		LOGAN AND REAVIS AIR, INC. MEDFORD - JACKSON COUNTY AIRPORT MEDFORD, OREGON 97504
11-14-87		Weighted aircraft and gave customer weights, 1/4 jack point 3054, 1/2 jack point 3024, Nose wheel 134, aircraft was topped off with fuel. Details on wo# 44736. Roland Milligan

FLIGHTCRAFT, INC./PORTLAND
7505 N. E. AIRPORT WAY
PORTLAND, OREGON
ARS4126 97218

FROM PREVIOUS LOG #1171Z
RIGHT ENGINE

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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
DATE 11-20-84 TAC/HM 7322.1				1047.7 100 hr. inspection completed on engine in accordance with forest service 100 hr. inspection guide, changed oil & cleaned screen, changed turbo filter (Aerashell 15W-50) Compression test #1 $\frac{76}{80}$ #2 $\frac{77}{80}$ #3 $\frac{76}{80}$ #4 $\frac{76}{80}$ #5 $\frac{74}{80}$ #6 $\frac{78}{80}$ Replaced all sparkplugs, ran engine and checked for leaks.
24/87	Hm 183.7			Removed & replaced Both Turbochargers. INSTALLED NEW WASTE GATES replaced All double wall scat duct. Replaced MAIN INtake duct (P/N 610255-501) Airbox record by Cent A/C Amar Tex. See yellow tags. All systems NORMA/ ON RUN-UP. <i>[Signature]</i> RP 2212019SA

INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
DATE 5-9-88 TAC/HM 7661.7		
		Annual inspection completed on aircraft in accordance with forest service inspection guide * FS-5700-F, ELT battery date 12/90, operational check good, %o Naco
		SB#6, %o AD 82-07-03 And 39-4354 by pressure checking
		Sanitized heater due again at heater HM of 738 or 5-90,
		checked emergency exit for operation, inspected fuselag flange
		of lower main spar cap wing station 24, 1/4" in accordance
		with SB 908, checked fuel Quantity system for calibration,
		inspected cabin door for operation and corrosion, Inspected
		electrical junction boxes, AD 87-21-07 And 39-5741 P/c/w,
		Replaced main gear lingers, Replaced pilots stern window,
		Replaced 1/4" main gear tire, Replaced R/H boost pump,
		Replaced 1/4" fuel shut off valve,

F.A.R. 43.11 - 91.217

FLIGHTCRAFT, INC./PORTLAND
7505 N. E. AIRPORT WAY
PORTLAND, OREGON
AR34126 97218

F.A.R. 43.11 - 91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
DATE 5-9-88 TAC/HM	7661.7	TOTAL TIME 7661.7 SMON =
I CERTIFY THAT THIS AIRCRAFT/ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL/100 HR INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. ACTUABLE A.D. NOTES AS RECORDED COMPLIED WITH. DELTA'S ON W/O 46685		
INSPECTOR. FLIGHTCRAFT, INC./	PORTLAND ARS4126	SIGNATURE <u>Robert Miller</u>
		Annual inspection completed on aircraft in accordance with first service inspection guide # FS-5700-F, ELT battery date 12/90, operational check good, %o Nased SB#6 %o AD 82-07-03 Amd 39-4354 by pressure checking Sanitised heater due again at heater HM of 738 or 5-90, checked emergency exit for operation, inspected forward flange of lower main spar cap wing station 24, L/H + R/H in accordance with SB 90B, checked fuel Quantity system for calibration, inspected cabin door for operation and corrosion, Inspected electrical junction boxes, AD 87-21-07 Amd 39-5741 P/c/w, Replaced main gear lungees, Replaced pilots stern window, Replaced L/H main gear tire, Replaced R/H boost pump, Replaced L/H fuel shut off valve,

INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
6-7-88	7665.1	Reversed fuel lines on R th engine from fuel filter to firewall Details on work 46944 Roland Mulligan FLIGHTCRAFT, INC./PORTLAND 7505 N. E. AIRPORT WAY PORTLAND, OREGON ARS4126 97218
6-27-88	7693.7	Completed 50 HR INSPECTION, I/A/W manufacturers maintenance MANUAL. Ops & leak checked good. all work performed I/A/W maintenance manual. L. Haugh Aero Air Inc. RS 503-17

INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
7-29-88	7764.0	100 Hr Inspection performed IAW Forest Service Inspection Guide FS-5700-F. Gear Retraction and Lubrication performed. All Air and Fluid Levels checked and serviced as required L+R Landing light Bulbs and lenses R&R'd. Elevator Trim Position Transmitter R+R. Eps & Leak Checks Satisfactory All work IAW Applicable Manufacturers Manuals. ADs Researched.
		AERO AIR INC., PORTLAND-HILLSBORO AIRPORT-HILLSBORO, OREGON F.A.A. APPROVED REPAIR STATION NO 503-17
		Date <u>7-29-88</u> I certify that this aircraft has been inspected in accordance with a <u>100 Hr</u> inspection and has been determined to be in airworthy condition. Pertinent details of this inspection are listed at this agency under work Order No. <u>4762</u> Total time <u>7764.0</u>
		Signature <u>L. Haugh</u> Inspector, R.S. 503-17
8-15-88	ACTT 7809.9 HOBBS 620.9	Completed 50 HR INSPECTION. Ops & LEAK CHECKED GOOD. All work PERFORMED I/A/W MANUFACTURERS MANUALS. W.O. 4807 L. Haugh Aero Air Inc RS 503-17

INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE

AIRCRAFT TIME
IN SERVICEKIND OF INSPECTION - STATUS & DISCREPANCY LIST
SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICEAero Air, Inc.
Portland-Hillsboro Airport
2050 N.E. 25th Ave.
Hillsboro, Oregon 97124
Repair Station S03-17

9/12/88 A/C T.T. 7864.2 Hobbs 675.2 N-171Z
Completed 100 hr inspection. Replaced stall warning switch P/N 167.
Replaced LH landing light. Tightened nose wheel collar. Replaced
rotating beacon drive P/N A7615. Serviced oxygen. OPS & leak checked
good. All work performed I/A/W manufacturers Manuals. AD's re-
searched thru 88-18.

AERO AIR INC., PORTLAND-HILLSBORO AIRPORT-HILLSBORO, OREGON
F.A.A. APPROVED REPAIR STATION NO S03-17

Date 9-12-88 I certify that this aircraft has been inspected in accordance with a
100 HR inspection and was determined to be in airworthy condition. Pertinent
details of this repair are on file at this agency under Work Order No.
4857, 4813 Total time 7864.2

Signature

Inspector, R.S. S03-17

INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE

AIRCRAFT TIME
IN SERVICEKIND OF INSPECTION - STATUS & DISCREPANCY LIST
SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICEAero Air, Inc.
Portland-Hillsboro Airport
2050 N.E. 25th Ave.
Hillsboro, Oregon 97124
Repair Station S03-17

10/10/88 A/C T.T. 7908.9 Hobbs 719.9 N-171Z
Completed 50 hour inspection. Replaced RH landing light. OPS & leak
checked good. All work performed I/A/W Manufacturers Manuals.

AERO AIR INC., PORTLAND-HILLSBORO AIRPORT-HILLSBORO, OREGON
F.A.A. APPROVED REPAIR STATION NO S03-17

Date 10-10-88 I certify that this aircraft has been inspected in accordance with a
50 HR inspection and was determined to be in airworthy condition. Pertinent
details of this repair are on file at this agency under Work Order No.
4888 Total time 7908.9

Signature

Inspector, R.S. S03-17

INSPECTION RECORD

F.A.R. 43.11 - 91.217

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KIND OF INSPECTION - STATUS & DISCREPANCY LIST
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2/21/89

Removed E.Gill. for left engine Repaired at Flight-craft (see yellow tag). Installed unit all operation tested normal. Harold R. Martin ATP 54282015

A large, stylized lowercase letter 'e' is on the left, and a large, stylized lowercase letter 'o' is on the right. Both letters are filled with a dense, stippled pattern. They are positioned on a background of horizontal lines, with the 'e' spanning from the second line to the bottom line, and the 'o' spanning from the top line to the bottom line.

INSPECTION RECORD

F.A.R. 43.11 - 91.217

KIND OF INSPECTION - STATUS & DISCREPANCY LIST	
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SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

DATE _____

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Aero Air, Inc.
Portland-Hillsboro Airport
2050 N.E. 25th Ave.
Hillsboro, Oregon 97124
Repair Station S03-17

4/12/89 A/C T.T. 7926.6 Hobbs 738.8 N-171Z W/O # 5222
Completed 100hr/annual inspection. Hydrostatic check performed on
oxygen bottle (next due 4/94). C/W compass swing. Balanced nose
wheel assy. Repaired inbd. trailing edge of RH outboard flap. Re-
placed LH & RH mag/starter switches P/N 10-357230-1. Replaced wind-
shield wiper switch. OPS & leak checked good. All work performed
I/A/W Manufacturers Manuals. AD's researched thru 89-07.

AERO AIR INC., PORTLAND-HILLSBORO AIRPORT-HILLSBORO, OREGON
F.A.A. APPROVED REPAIR STATION NO S03-17

Date 4-12-89 I certify that this aircraft has been inspected in accordance with a
100HR/ANNUAL inspection and was determined to be in airworthy condition. Pertinent
details of this repair are on file at this agency under Work Order No. 7926.6
5222 Total time

Signature

Inspector, A.S. 803-17

INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
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Aero Air, Inc.
Portland-Hillsboro Airport
2050 N.E. 25th Ave.
Hillsboro, Oregon 97124
Repair Station S03-17

4-28-89 ACTT 7933 N-171Z
W.O.# 5261

R + R anti-ice switch P/N C6363-5. R + R nose wheel strut collars P/N 9935-1. OPS and leak checked good. All work performed I/A/W manufacturers manuals.

AERO AIR INC., PORTLAND-HILLSBORO AIRPORT-HILLSBORO, OREGON
F.A.A. APPROVED REPAIR STATION NO S03-17
MAINTENANCE RELEASE

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation regulations and was found airworthy for return to service. Pertinent details of this repair are on file at this agency under work order no. 5261 Actt. 7933

Date 4-28-89 Signature [Signature]

INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
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Aero Air, Inc.
Portland-Hillsboro Airport
2050 N.E. 25th Ave.
Hillsboro, Oregon 97124
Repair Station S03-17

6/12/89 A/C T.T. 7985.5 N-171Z Hobbs 797.7 W/O # 5352
Completed 50 hr. inspection I/A/W U.S.F.S. Insp. Guide. Replaced LH landing light P/N 4553/ OPS & leak checked good. All work performed I/A/W Manufacturers Manuals.

AERO AIR INC., PORTLAND-HILLSBORO AIRPORT-HILLSBORO, OREGON
F.A.A. APPROVED REPAIR STATION NO S03-17

Date 6-12-89 I certify that this aircraft has been inspected in accordance with a
50 HR inspection and was determined to be in airworthy condition. Pertinent
details of this repair are on file at this agency under Work Order No.
5352 Total time 7985.5

Signature [Signature] Inspector, R.S. S03-17

INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
7/25/89	4665839.4	1H ENGINE SIN L-461-48 REMOVED AND SIN L-5456-48 INSTALLED



Aero Air, Inc.
Portland-Hillsboro Airport
2050 N.E. 25th Ave.
Hillsboro, Oregon 97124
Repair Station S03-17

7-28-89 ACTT 8026.9 N-171Z W.O.# 5435-444

Completed 100 hr. insp. I/A/W Forest Service 100 hr. insp. check list. C/W 12 month insp. of front spar lower cap L & R wings I/A/W SB 90B and AD 65-6-1 (No defects). R & R air regulator filter P/N 13-3-5-1. Cylinder head temp gauge (rt) repaired & reinstalled. R & R LH landing light. Ops and leak checked good. All work performed I/A/W manufacturers manuals. AD's researched thru 89-15.

AERO AIR INC., PORTLAND-HILLSBORO AIRPORT-HILLSBORO, OREGON
F.A.A. APPROVED REPAIR STATION NO S03-17

Date 7-28-89 I certify that this aircraft has been inspected in accordance with a
100HR inspection and was determined to be in airworthy condition. Pertinent
details of this repair are on file at this agency under Work Order No.
5435-444 Total time 8026.9
Signature [Signature] Inspector, R.S. S03-17

INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
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Aero Air, Inc.
Portland-Hillsboro Airport
2050 N.E. 25th Ave.
Hillsboro, Oregon 97124
Repair Station S03-17

8/22/89 A/C T.T. 8075.0 N-171Z W/O # 5497
Completed 50 hr inspection I/A/W U.S.F.S. Inspection guide. Serviced oxygen system. OPS & leak checked good. All work performed I/A/W Manufacturers Manuals.

AERO AIR INC., PORTLAND-HILLSBORO AIRPORT-HILLSBORO, OREGON
F.A.A. APPROVED REPAIR STATION NO S03-17

Date 8-22-89 I certify that this aircraft has been inspected in accordance with a
50HR inspection and was determined to be in airworthy condition. Pertinent
details of this repair are on file at this agency under Work Order No.
5497 Total time 8075.0
Signature [Signature] Inspector, R.S. S03-17

Aircraft Log Book Entry

N 171Z
Description of work Repacked
Alternator #1. tested Static and Regulator
WO# 53031 Date 9-5-89 Insp [Signature]
Flightcraft, Inc./Portland FCPR831D

Static ✓ =

INSPECTION RECORD

F.A.R. 43.11 - 91.217

P.A.R. 43.11-5121		
KIND OF INSPECTION - STATUS & DISCREPANCY LIST		
DATE	AIRCRAFT TIME IN SERVICE	SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
15 Sept 1989	HM: 932.6	Replaced L/H oil door latchassy. Capped L/H fuel pressure gage line at gage. Richard A. Marshall AEP 2230531
9-21-89	8129.3	SERVICE LETTERS SL 221A, SL 190 and SL 181 previously complied with as determined by visual Insp. This date. J. Hough GPER232E

INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
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Aero Air, Inc.
Portland-Hillsboro Airport
2050 N.E. 25th Ave.
Hillsboro, Oregon 97124
Repair Station S03-17

9/21/89 A/C T.T. 8129.3 N-171Z Hobbs 943.5 W/O # 5510
Completed 100 hr. inspection I/A/W USFS INSPECTION GUIDE. Resealed
IMG strut (kit # 147) and R & R IMG strut scissor bushings. Serviced
oxygen system. OPS & leak checked good. All work performed I/A/W
Manufacturers Manuals. AD's researched thru 89-19.

AERO AIR INC., PORTLAND-HILLSBORO AIRPORT-HILLSBORO, OREGON
F.A.A. APPROVED REPAIR STATION NO. GFER232E

Date 9-21-89 I certify that this aircraft has been inspected in accordance with a
100 HR inspection and was determined to be in airworthy condition. Pertinent
details of this repair are on file at this agency under Work Order No.
5510 Total time 8129.3

Signature *R. Hough* Inspector, R.S. GFER232R

INSPECTION RECORD

F.A.R. 43.11 - 91.217

KIND OF INSPECTION - STATUS & DISCREPANCY LIST

SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

DATE

AIRCRAFT TIME
IN SERVICE



Aero Air, Inc.
Portland-Hillsboro Airport
2050 N.E. 25th Ave.
Hillsboro, Oregon 97124
Repair Station 503-17

10/6/89 A/C T.T. 8151.8 N-171Z W/O # 5569
Replaced LH & RH brake pads P/N 9510708-1. Replaced RH tie P/N 8-50-
-10 PR. Replaced two de-ice boots on LH prop and one boot on RH prop
P/N 4E1188-3. Adjusted aileron cable tension. Adjusted nose gear
uplock switch. Performed satisfactory gear swing. OPS & leak checked
good. All work performed I/A/W Manufacturers Manuals.

AERO AIR INC. PORTLAND-HILLSBORO AIRPORT-HILLSBORO, OREGON
F.A.A. APPROVED REPAIR STATION NO GFER232E
MAINTENANCE RELEASE

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation
regulations and was found airworthy for return to service Pertinent details of this repair are on file at this agency under
work order no. 5569 Actt. 8151/8

Date 10-6-89 Signature [Signature]