



Transport
Canada

Transports
Canada

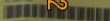
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TP 14182
(Revised 05/2005)

Engine Logbook

12/14/2011 15:22

TP14182



05/2005

Canada

Volume #: 1

Opened on: 09 DEC 2008

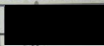
ENGINE DETAILS

1. Manufacturer Pratt & Whitney Canada Corp.
2. Type/Model/Series E.T.C. E-15 PT6A-135A B/S: 1200
3. Serial Number PCE- P20866

12/14/2011 15:22

M. VANMAANEN

(617)



ENGINE LOG BOOK ENTRY

Engine: RIGHT N49CH P&W PT6A-135A PCE-PZ0866 **Date:** 6/9/2011

Engine T.T: 671.0 **TC:** 641 **Indicated Time:** 8253.0 HM **W/O:** 5870

COMPLETED PHASE 3 AND 4 INSPECTIONS IN ACCORDANCE WITH KA F-90 MAINT. MANUAL REV B5 CHAPTER 5-20. FUEL NOZZLES CLEANED / FLOW CHECKED PERFORMED HOT SECTION BORESCOPE INSP., NO DISTRESS NOTED. PERFORMED COMPRESSOR AND C.T. WASH. SERVICED WITH BP 2380 OIL. RESEARCHED AD'S THRU 2011-11 ISSUE. END

I certify this ENGINE has been inspected in accordance with the instructions and procedures of a current inspection program approved under FAR 91.409(e)3

Type of Inspection Phase 3 & 4

Date 6-9-11 Work Order 5870

HM. IND. 8253.0 Total Time 671.0

Signed [Redacted] for

David D. Holzschuh
FAA CRS Q2AR598

[Redacted]
Corpus Christi, TX 78406
[Redacted]

ADVANTAGE AIRCRAFT SERVICES, INC.

12/14/2011 15:23



CORPUS CHRISTI, TX



ENGINE LOG BOOK ENTRY

Engine: **RIGHT N49CH P&W PT6A-135A PCE-PZ0865** Date: 5/29/2009
 Engine Total Time: **0:00 TC: 00** Indicated Time: **7582.8 HM** W/O: **5397**

INSTALLED THIS NEW ENGINE ON RIGHT POSITION F-90 LA-2 IN ACCORDANCE WITH KA-F-90 MAINT. MANUAL REV B AND BLACKHAWK MASTER DRAWING LIST NO 19015-00-00 REV IR, DATED 6/26/06. SEE AIRFRAME LOG FOR INSTALLATION ACCESSORIES. SERVICED WITH BP 2380 OIL. GROUND AND FLIGHT OPERATION AND PERFORMANCE CHECKS PASSED.

TX 78406

ADVANTAGE AIRCRAFT SERVICES, INC.
 FAA CRS Q2AR598N
 CORPUS CHRISTI, TX 78406



ENGINE LOG BOOK ENTRY

Engine: **RIGHT N49CH P&W PT6A-135A PCE-PZ0866** Date: 7/12/2009
 Engine T.T: **41.2 TC: 32** Indicated Time: **7624.0 HM** W/O: **5413**

REMOVED / REINSTALLED FUEL FLOW DIVIDER FOR TESTING / ADJUSTMENT BY KANSAS AVIATION W/O 060024. REMOVED FUEL CONTROL UNIT P/N 4138013-1 S/N C80725, AND INSTALLED WARRANTY REPAIRED FCU P/N 4138013-1 S/N C80406 WITH 207.3 TTIS 199 CSN IN ACCORDANCE WITH PT6A-135 MAINT. MANUAL INSTRUCTIONS. OPERATIONAL CHECKS SATISFACTORY.

Corpus Christi, TX 78406

David D. Holzschuh
 FAA CRS Q2AR598



ENGINE LOG BOOK ENTRY

Engine: **RIGHT N49CH P&W PT6A-135A PCE-PZ0866** Date: 6/18/2010
 Engine T.T: **425.2 TC: 283** Indicated Time: **8007.2 HM** W/O: **5651**

COMPLETED PHASE 1 AND 2 INSPECTIONS IN ACCORDANCE WITH KA F-90 MAINT. MANUAL REV B5 CHAPTER 5-20. FUEL NOZZLES CLEANED / FLOW CHECKED BY PRIME TURBINES W/O W0036925. PERFORMED HOT SECTION BORESCOPE INSP., NO DISTRESS NOTED. ADJUSTED HIGH AND LOW IDLES TO SPEC. INSTALLED F.C.U. FUEL PURGE LINE ORIFICE FITTING P/N 50-921597 PER BLACKHAWK EOW 1212 PERFORMED COMPRESSOR AND C.T. WASH. SERVICED WITH BP 2380 OIL. RESEARCHED AD'S THRU 2010-11 ISSUE. END

I certify this ENGINE has been inspected in accordance with the instructions and procedures of a current inspection program approved under FAR 91.409(e)
 Type of Inspection Phase 1+2
 Date 6-18-10 Work Order 5651
 HM. IND. 8007.2 Total Time 465.2
 Signed _____ for _____

David D. Holzschuh
 FAA CRS Q2AR598

ADVANTAGE AIRCRAFT SERVICES, INC.
 FAA CRS Q2AR598N
 CORPUS CHRISTI, TX 78406

12/14/2011 15

Corpus Christi, TX 78406

RIGHT N49CH LA-2

PT6A

ENGINE LOGBOOK

PT6A Turboprop

12/14/2011 15:24
CE-PZ0866



Pratt & Whitney Canada
A United Technologies Company



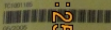
Transport
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Transports
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TP 14182
(Revised 05/2005)

Engine Logbook

12/14/2011 15:25



Canada

Volume #: 1

Opened on: 09 DEC 2008

ENGINE DETAILS

1. Manufacturer Pratt & Whitney Canada Corp.
2. Type/Model/Series E.T.C. E-15 PT6A-135A B/S:1200
3. Serial Number PCE- P20865

12/14/2011 15:25

K. PIVIDOR

1009



T.C. 4-08
NO. 024



ENGINE LOG BOOK ENTRY

Engine: LEFT N49CH P&W PT6A-135A PCE-PZ0865 Date: 6/9/2011
Engine T.T.: 671.0 TC: 641 Indicated Time: 8253.0 HM W/O: 5870

COMPLETED PHASE 3 AND 4 INSPECTIONS IN ACCORDANCE WITH KA F-90 MAINT. MANUAL
REV B5 CHAPTER 5-20. FUEL NOZZLES CLEANED / FLOW CHECKED PERFORMED HOT SECTION
BORESCOPE INSP., NO DISTRESS NOTED. PERFORMED COMPRESSOR AND C.T. WASH. SERVICED
WITH BP 2380 OIL. RESEARCHED AD'S THRU 2010-11 ISSUE. END

I certify this ENGINE has
been inspected in accordance with the
instructions and procedures of a
current inspection program approved
under FAR 91.409(c) 3

Type of Inspection PHASE 3 & 4
Date 6-9-11 Work Order 5870
HM. IND. 8253.0 Total Time 3253.0 671.0

Signed [Signature] for

David D. Holzschuh
FAA CRS Q2AR591

ADVANTAGE AIRCRAFT SERVICES, INC.
FAA CRS Q2AR591N

CORPUS CHRISTI, TX 78406

Corpus Christi, TX 78406

12/14/2011 15:25



New engine final acceptance test
inhibiting run completed satisfactorily
and is in condition for safe operation

ENGINE LOG BOOK ENTRY

Engine: LEFT N49CH P&W PT6A-135A PCE-PZ0865 Date: 5/29/2009
Engine Total Time: 0.00 TC: 00 Indicated Time: 7582.8 HM W/O: 5397

INSTALLED THIS NEW ENGINE ON LEFT POSITION F-90 LA-2 IN ACCORDANCE WITH KA-F-90 MAINT. MANUAL REV B5
LACKHAWK MASTER DRAWING LIST NO 19015-00-00 REV IR, DATED 6/26/06. SEE AIRFRAME LOG FOR INSTALLED
SERIES. SERVICED WITH BP 2380 OIL. GROUND AND FLIGHT OPERATION AND PERFORMANCE CHECKS

Corpus Christi, TX 78406

[Redacted]

ADVANTAGE AIRCRAFT SERVICES, INC.
FAA CRS Q2AR598N

[Redacted] CORPUS CHRISTI, TX 78406

David D. Holzschuh
FAA CRS Q2AR598N



ENGINE LOG BOOK ENTRY

Engine: LEFT N49CH P&W PT6A-135A PCE-PZ0865 Date: 6/18/2010
Engine T.T: 425.2 TC: 283 Indicated Time: 8007.2 HM W/O: 5651

COMPLETED PHASE 1 AND 2 INSPECTIONS IN ACCORDANCE WITH KA F-90 MAINT. MANUAL REV
CHAPTER 5-20. FUEL NOZZLES CLEANED / FLOW CHECKED BY PRIME TURBINES W/O W0036925.
PERFORMED HOT SECTION BORESCOPE INSP., NO DISTRESS NOTED. ADJUSTED HIGH AND LOW
PRESSURES TO SPEC. INSTALLED F.C.U. FUEL PURGE LINE ORIFICE FITTING P/N 50-921597 PER
LACKHAWK E O# 1212 PERFORMED COMPRESSOR AND C.T. WASH. SERVICED WITH BP 2380
RESEARCHED AD'S THRU 2010-11 ISSUE. END

Corpus Christi, TX 78406

12/14/2011 15:26

I certify this ENGINE has
been inspected in accordance with the
instructions and procedures of a
current inspection program approved
under FAR 91.409(d)
Type of Inspection Phase 1 & 2
Date 6-18-10 Work Order 5651
HM. IND. 8007.2 Total Time 425.2
Signed [Redacted] for

David D. Holzschuh
FAA CRS Q2AR598N

ADVANTAGE AIRCRAFT SERVICES, INC.
FAA CRS Q2AR598N

[Redacted] CORPUS CHRISTI, TX 78406

LEFT N49CH LA-2

PT6A

ENGINE LOGBOOK
PT6A Turboprop

PCE-PZ0865

12/14/2011 15:26

 **Pratt & Whitney**
Pratt & Whitney Technologies Company

N49CH F90 LA-2
LOGBOOK NO 4

AIRCRAFT LOG
AF5-1

12/14/2011 15:26

AIRCRAFT DESCRIPTION

MANUFACTURER Beech Aircraft MODEL F-90 DATE OF MFG. 4-79
 SERIAL NUMBER LA-2 REGISTRATION NUMBER N49CH

REGISTERED OWNER _____

STREET ADDRESS _____

CITY, STATE, ZIP _____

OPERATOR _____

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. 91.409 ANNUAL/100-HOUR

F.A.R. 91.409 PROGRESSIVE

F.A.R. 135.419 A.T.C.O.

OTHER

DATE ENTERED _____

MAINTENANCE RESPONSIBILITY _____

12/14/2011 15:27

DATE



AIRFRAME LOG BOOK ENTRY

 12/14/2011 15:27^T NO.

INSTALLED NEW ZENER DIODES P/N 1N759 CR1 AND CR 2 AT RELAY PANEL A181A1 AND K4 RELAY P/N 50-380048-11 ON A181A1 PANEL TO REPAIR BUSS CONFORMITY. INSTALLED SERVICABLE R/H G.C.U. P/N 51530-007B S/N 4984. INSTALLED O/H'D FAULT DETECTION P.C. BOARD P/N 101-364328-1 S/N 438-B-77. REPAIRED CRACKS ON R/H LWR FWD COWL AND OIL COOLER DUCT. REPAIRED CABIN DOOR LWR STEP LIGHT. REPAIRED CABIN DOOR PLACARDS. INSTALLED NEW DRIVE SEAL ON A/C COMPRESSOR AND SERVICED WITH R12 FREON ADJUSTED DRIVE BELT TENSION. REPLACED WORKING RIVETS ON CENTER SECTION FAIRINGS. INSTALLED NEW R/H WING TIP STATIC WICK P/N DD1W. REPAIRED WHEEL WELL WATER BARRIERS, AND INSTALLED NEW SNAPS. REPAIRED CENTER FWD CABIN FLOOR PANEL BY INSTALLING .063" DOUBLER. REMOVED / TREATED CORROSION ON CABIN WINDOW RETAINERS. REINSTALLED 4EA WINDOWS WITH NEW SEALS P/N 101-384139-7. INSTALLED NEW PACKINGS IN ALL BRAKE MASTER CYLINDERS AND BLEED BRAKES. INSTALLED NEW R/H PRESSURIZATION CROSS-OVER DUCT P/N 50-380057-9. INSTALLED NEW TERMINAL ON ELECTRIC HEATER. ADJUSTED L/H AILERON MAIN AND RUDDER TRIM CABLE TENSION. INSTALLED CABIN DOOR DUAL LANYARD KIT P/N 101-4010-1S S/N 548. REVISED AIRCRAFT WEIGHT NAD BALANCE. INSTALLED NEW L/H FUEL MOTIVE FLOW PRESSURE SWITCH P/N 101-389004-3. INSTALLED NEW R/H LANDING GEAR SAFETY SWITCH P/N 444EN49-6. INSTALLED COVER P/N 91-360018-1 ON FUSELAGE K5 RELAY PANEL. RESEARCHED AD'S THRU 2011-11 ISSUE. END.

I certify this AIRCRAFT has been inspected in accordance with the instructions and procedures of a current inspection program approved under FAR 91.409(e)3

Type of Inspection PIFASZ 3-4
 Date 6-8-11 Work Order 8870

HM. IN 8253.0 Total Time 8253.0
 Signed [Redacted] for

ADVANTAGE AIRCRAFT SERVICES, INC.
 FAA OPS 00455001

David D. Holzschuh
 FAA CRS Q2AR598N

Corpus Christi, TX 78406



AIRFRAME LOG BOOK ENTRY

Aircraft: **N49CH** **BEECH** **F-90** **LA-2** Date: **6/9/2011**
Total Time: **8253.0** **TLNDS: 7544** Indicated Time: **8253.0 HM** **W/O: 5870**

COMPLETED PHASE 3 AND 4 INSPECTIONS IN ACCORDANCE WITH KA F-90 MAINT. MANUAL REV. B5 CHAPTER 5-20. C/W AD 04-23-02 (BSB 32-2102R7) N.L.G. FORK INSP., NO CRACKS OR SLIPPAGE NOTED. C/W SB 55-3835 BY INSTALLING STABILIZER INSP PANEL KIT P/N 101-6003-0001 S/N 129 IN ACCORDANCE WITH KIT INSTRUCTIONS, REVISED AIRCRAFT WEIGHT AND BALANCE. C/W 5YR OXYGEN CYLINDER HYDROSTATIC INSP, S/N 1399V AND REGULATOR O/H S/N 2621. C/W 24 MO. PASS O2 VALE O/H KIT P/N 4460102-1. C/W 6YR / 8000 CY LANDING GEAR OLEO STRUT, DRAG BRACE, TORQUE KNEE, AXLE, AND TRUNION HOLE INSP., IN ACCORDANCE WITH KA COMPONENT MAINT. MANUAL P/N 101-590097-13B5. REPLACED BOLTS, BUSHINGS, SEALS, PISTON / SCRAPER RINGS, FELT PAD, PACKINGS, AND N.L.G. CYLINDER P/N 99-820100-5. REASSEMBLED AND SERVICED WITH MILH5606 FLUID AND NITROGEN. LANDING GEAR MOTOR S/N 1045, AND GEARBOX S/N 677-1-7 O/H'D BY KELLY AEROSPACE W/O 9592. REPLACED GEAR DOOR ACTUATOR BUSHINGS, AND L/H M.L.G. DOOR CAMS P/N 115-810038. REMOVED AND RELUBED ALL L.G. CHAIN SPROCKETS, RIGGED ALL THREE LANDING GEAR PER M.M. CHAPTER 32. C/W 5YR FLAMMABLE FLUID HOSE REPLACEMENT AND EXTERIOR BRAKE HOSE REPLACEMENT. C/W FAR 91.207(d) ELT INSP. / TEST FOUND OK BATTERY DUE NOV.2015. C/W ANNUAL WING SPAR CAP INSP., AND EDGE LIT C.B. PANEL INSP., NO COROSION NOTED. CAPACITY TESTED SHIPS BATTERY FOUND 85% C1. C/W 200,1200HR AND ANNUAL LUBE ITEMS. INSTALLED PILOT'S RELIEF TUBE MAST P/N 101-530068-1, AND HORN P/N 101-384169-1. REVISED AIRCRAFT WEIGHT AND BALANCE. INSTALLED NEW L/H AUX TANK P/N 2002-5 S/N CR951 WITH NEW GASKETS, LEAK CHECKS OK. INSTALLED NEW LANDING AND TAXI LIGHT HOUSINGS . INSTALLED NEW HEATED FUEL VENTS P/N 112054. =====NEXT PAGE=====

12/14/2011 15:27

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AIRFRAME LOG BOOK ENTRY

REPLACED RIGHT ICE VANE CONTROL BOOT P/N AD964-2. INSTALLED 3EA NEW AILERON STAIC WICKS P/N DDIW. REPLACED OIL COOLER TO SCOOP SEALS. REPLACED R/H AUX FUEL CAP LANYARD. INSTALLED NEW R/H INBRD FUEL BOX TANK ACCESS PANEL P/N 50-110002-608. ADJUSTED ELEVATOR TRIM TAB CABLE TENSION TO SPECS. ADJUSTED RUDDER MAIN CABLE TENSION TO SPECS. INSTALLED O/H'D R/H N1 INDICATOR P/N 50-380034-3 S/N 2934. RESEARCHED AD'S THRU 201'0-11 ISSUE. END.

I certify this AIRCRAFT+ has been inspected in accordance with the instructions and procedures of a current inspection program approved under FAR 91.405(f) 3

Type of Inspection PHASE 172
 Date 6/10/12 Work Order 2651

MM. IND 8022 Total Time 8712
 Signed [Redacted]

ADVANTAGE AIRCRAFT SERVICES, INC.
 FAA CRS Q2AR598N

[Redacted] CORPUS CHRISTI, TX 78406

[Redacted]
 Corpus Christi, TX 78406

12/14/2011 15:28

NO.



AIRFRAME LOG BOOK ENTRY

Aircraft: N49CH **BEECH** **F-90** **LA-2** **Date:** 6/18/2010

Total Time: 8007.2 **TLNDS:** 7186 **Indicated Time:** 8007.2 HM **W/O:** 5651

COMPLETED PHASE 1 AND 2 INSPECTIONS IN ACCORDANCE WITH BEECH F-90 MAINT. MANUAL REV. B5 CHAPTER 5-20. C/W AD 04-23-02 (BSB 32-2102R7) N.L.G. FORK INSP., NO CRACKS OR SLIPPAGE FOUND. BSB 55-4004 RUDDER DRAIN N/A BY S/N AND NO RECORD OF REPLACEMENT. INSTALLED NEW COCKPIT FIRE EXTINGUISHER. C/W ANNUAL NOSE WHEEL, AND SPINNING CAP INSP., NO CRACKS / CORROSION NOTED. C/W ANNUAL CABIN ALT. AND PASS O2 BAROMETRIC SWITCH FLIGHT CHECK, FOUND PROPER ACTIVATION. C/W 2000 HR / 4 YR EDGE LIGHTING PANEL INSP., REPLACED LAMPS AS REQUIRED. RETORQUED WING ATTACH BOLTS PER I.R.M., NONE TIGHTENED. CLEANED RIGHT FLOW CONTROL FILTER, INSTALLED O/H'D LEFT FLOW CONTROL P/N 97-380000-33 S/N 1279. C/W 200, 400HR AND ANNUAL LUBE ITEMS. CAPACITY TESTED SHIPS BATTERY, FOUND 97%. INSTALLED NEW LEFT MOTIVE FLOW PRESSURE SWITCH P/N 101-389004-3 S/N 11529. INSTALLED O/H" EXT PWR P.C. BOARD P/N 109-361016-1 S/N PT4984. INSTALLED O/H" A/C DRIVE MOTOR P/N 100-384072-5 S/N 1127 WITH NEW DRIVE BELTS, AND SERVICED SYSTEM WITH R12 FREON. INSTALLED NEW LEFT GENERATOR CURRENT SENSOR P/N 90-361023-623 S/N 0213010. CLEANED AND INSPECTED MAIN WHEELS, REASSEMBLED WITH NEW P/N 185F03-5 TIRES AND O RINGS. INSTALLED NEW STROBE LIGHT FLASH TUBES P/N 55-8221-1. INSTALLED NEW LEFT HEATED FUEL VENT P/N 112054. REPLACED CAPILLARY BULB CLAMP OF A/C EXPANSION VALVE. INSTALLED NEW INST. AIR FILTER. REPLACED R/H INBRD EXHAUST GLARESHIELD. REGLUED LEFT AND RIGHT WING STALL STRIPS. REPOSITIONED DOOR SEAL INNER SUPPORTS. FREED BRAKE AUTO ADJUSTERS. INSTALLED NEW CABIN DOOR UPPER HINGE HALF P/N 50-430043-547 WITH NEW HINGE PIN. REPLACED CABIN DOOR LWR STEP LIGHT WIRING HARNESS.

=====NEXT PAGE=====

1271472011 15:28

ALTIMETER & STATIC SYSTEM CHECKS

F.A.R. 91.411

DATE	MANUFACTURER	MODEL	SERIAL NO.	LOCATION	MAX. ALT.	RECHECK REQUIRED	APPROVED BY: AGENCY CERT.
11-6-09	7798.0MM	REPAIRED	RIGHT PROP	Ground Idle			
	Solenoid wiring.	W/O 5515	[REDACTED]	[REDACTED]			CRS Q2AR578N
12-2-09	7828.2MM	BALANCED & INSTALLED	NEW NOSE				
	TIRE P/N 265F86-8.	REPLACED	PLA GENERATOR				
	Limiter ANLM250.	W/O 3529	[REDACTED]	[REDACTED]			CRS Q2AR578N

12/14/2011 15:28

Central Texas Avionics
[REDACTED]
Georgetown, Texas 78628

Reg #: N49CH Make: BEECH F90 S/N: LA-2
 Date: 05-07-2010 W/O #: 7240 T.T.: 7986.4

SQ-1) REINSTALLED REPAIRED #1 TRANSPONDER COLLINS TDR-90 P/N -622-1270-001 S/N-20198. SYSTEM RAMP TESTED GOOD PER FAR43 APPENDIX F TO COMPLY WITH FAR 91.413. SQ-2) INSTALLED BENCH TESTED EXCHANGE #2 TRANSPONDER COLLINS TDR-90 P/N-622-1270-001 S/N-12032 FOR S/N-9704. TESTED SYSTEM PER FAR 43 APPENDIX F TO COMPLY WITH FAR 91.413.

THE AIRCRAFT OR APPLIANCE(S) IDENTIFIED ABOVE WAS REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS WITH RESPECT TO WORK ACCOMPLISHED AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE. DETAILS ON FILE UNDER THE WO# LISTED ABOVE.

[REDACTED]

CENTRAL TEXAS AVIONICS, Inc.

GEORGETOWN, TEXAS 78628

LOG BOOK ENTRY

DATE: 3/26/2010
MAKE: BEECH

REG #: N49CH
MODEL: F90

HOBBS: 7940.0
S/N: LA-2

WORK PERFORMED

INSTALLED A DAC INTERNATIONAL GDC31 ROLL STEERING CONVERTER P/N 1049-4000-03 S/N 15158.

THE APPLIANCE IDENTIFIED ABOVE WAS INSTALLED, INSPECTED, AND TESTED IN ACCORDANCE WITH THE DAC INTERNATIONAL STC AML (STC # SA102365C). THE AIRCRAFT HAS BEEN FOUND AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK ACCOMPLISHED. THE WEIGHT AND BALANCE DATA AND EQUIPMENT LIST HAVE BEEN REVISED AS NEEDED TO REFLECT THESE CHANGES. REFERENCE FAA FORM 337 DATED 3/26/2010 AND WORK ORDER # 7171 ON FILE FOR DETAILS OF WORK PERFORMED.

12/14/2011 15:28

CENTRAL TEXAS AVIONICS
FAA REPAIR STATION #: CS4R586N

Central Texas Avionics
Georgetown, Texas 78628

Reg #: N49CH Make: BEECH F90 S/N: LA-2
Date: 03-29-2010 W/O #: 7198 T.T.: 7940.0

SQ-1) TESTED COPILOTS ALTIMETER AND WAS FOUND TO BE IN TOLERANCE WITH CURRENT AMBIENT SETTINGS. SQ-2) PILOTS MODE C REPORTED 300 FT HIGH. RAMP TESTED AND CONFIRMED. REMOVED SPERRY AIRDATA P/N-4013241-901 S/N-78120655. INSTALLED AND CERTIFIED PER HONEY- WELL TECH LETTER A23-1980-04 REV.3 05/01 /2003 AIRDATA P/N-4013241- 901 S/N-6050228 AND BA141 INDICATOR P/N-4016341-903 S/N-79040967 PER FAR43 APPENDIX E TO COMPLY WITH FAR 91.411. SYSTEM LEAK TESTED GOOD.

THE AIRCRAFT OR APPLIANCE(S) IDENTIFIED ABOVE WAS REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS WITH RESPECT TO WORK ACCOMPLISHED AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE. DETAILS ON FILE

UNDER THE WO# LISTED ABOVE

JOHN H. NEWBERRY, SR. FAA CRS # C84R586N

CENTRAL TEXAS AVIONICS, Inc.

GEORGETOWN, TEXAS 78628

LOG BOOK ENTRY

DATE: 3/26/2010
MAKE: BEECH

REG. #: N49CH
MODEL: F90

HOBBS 75
S/N: LA-2

WORK PERFORMED:

REMOVED THE COMMUNICATIONS COMPONENTS CORP. CIR-11-2 EMERGENCY LOCATOR TRANSMITTER S/N 29513 AND COMMUNICATIONS COMPONENTS CORP. ELT 10-209 ELT ANTENNA S/N 1282.

INSTALLED AN ARTEX ME406 406MHz EMERGENCY LOCATOR TRANSMITTER SYSTEM CONSISTING OF THE FOLLOWING COMPONENTS: AN ARTEX ME406 ELT P/N 453-6603 S/N 188-14378, AN ARTEX ELT ROD ANTENNA P/N 110-338 S/N 291066, AN ARTEX SWITCH P/N 345-6196-04, AND AN ARTEX ELT PIEZO BUZZER P/N 452-6505.

THE EXPIRATION OF THE ARTEX ME406 ELT LITHIUM BATTERY PACK (P/N 452-6499) IS NOVEMBER 2015.

THE APPLIANCES IDENTIFIED ABOVE WERE REMOVED IN ACCORDANCE WITH THE CURRENT FEDERAL AVIATION REGULATIONS AND THE MANUFACTURER'S SPECIFICATIONS. THE APPLIANCES IDENTIFIED ABOVE WERE INSTALLED, INSPECTED, AND TESTED IN ACCORDANCE WITH THE DESCRIPTION, OPERATION, INSTALLATION AND MAINTENANCE MANUAL FOR THE ME406ELT (MANUAL NUMBER 570-1600, REVISION G, DATED MARCH 30, 2009). THE AIRCRAFT HAS BEEN FOUND AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK ACCOMPLISHED. THE WEIGHT AND BALANCE DATA AND EQUIPMENT LIST HAVE BEEN REVISED AS NEEDED TO REFLECT THESE CHANGES. REFERENCE WORK ORDER # 7171 ON FILE FOR DETAILS OF WORK PERFORMED.

CENTRAL TEXAS AVIONICS
FAA REPAIR STATION #: C84R586N

12/14/2011 15:29

CENTRAL TEXAS AVIONICS, Inc.

GEORGETOWN, TEXAS 78628

LOG BOOK ENTRY

DATE: 3/23/2009
MAKE: BEECH

REG. #: N49CH
MODEL: F90

HOBBY 522.8
S/N: LS-2

12/14/2011 15:30

WORK PERFORMED:

REMOVED AND UPDATED THE GARMIN GNS 530W TAWS P/N 011-01065-40 S/N 85201113 AND THE GARMIN GNS 530W P/N 011-01060-40 S/N 97132209 GPS/WAAS NAVIGATOR SYSTEMS MAIN AND GPS SOFTWARE TO VERSIONS 3.20 AND 3.2 RESPECTIVELY IN ACCORDANCE WITH GARMIN SOFTWARE SERVICE BULLETIN NUMBER 0848, REVISION A, DATED FEBRUARY 3, 2009. UPDATED THE GARMIN GNS 530W TAWS TERRAIN DATABASE FOR TAWS TO CYCLE 08T2 IN ACCORDANCE WITH GARMIN SERVICE BULLETIN NUMBER 0819 DATED MAY 22, 2008. REINSTALLED THE GARMIN GNS 530W TAWS AND THE GARMIN GNS 430 SYSTEMS AND REACQUIRED THE ALMANAC AFTER UPDATES AND THE UNITS OPS CHECKED GOOD.

THE APPLIANCES IDENTIFIED ABOVE WERE REMOVED, UPDATED, REINSTALLED, AND TESTED IN ACCORDANCE WITH THE CURRENT FEDERAL AVIATION REGULATIONS AND THE MANUFACTURER'S SPECIFICATIONS. THE AIRCRAFT HAS BEEN FOUND AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK ACCOMPLISHED. REFERENCE WORK ORDER # 6730 ON FILE FOR DETAILS OF WORK PERFORMED.

CENTRAL TEXAS AVIONICS
FAA REPAIR STATION #: C84R586N



AIRFRAME LOG BOOK ENTRY

Aircraft: **N49CH BEECH F-90 LA-2** Date: **5/29/2009**
Total Time: **7582.8 TC: 6903** Indicated Time: **7582.8 HM** W/O: **5397 / 5398**

COMPLETED PHASE 3 AND 4 INSPECTIONS IN ACCORDANCE WITH KA F90 MAINT. MANUAL REV B5 CHAPTER 5-20. C/W 5 YEAR WING ATTACH FITTING INSP AND 15 YEAR BOLT / NUT REPLACEMENT IN ACCORDANCE WITH KA S.L.R.M. P/N 96-39006C4 CHART 201 INDEX NO. 1
INSTALLED NEW UPPER /LWR AFT BOLTS P/N 81786-10-18 WITH NEW NUTS P/N 81783-1018, NEW UPPER FWD BOLT KITS P/N 101-4025-3S S/N 1088, 1089. AND NEW LWR FWD BOLT KITS P/N 101-4025-3S S/N 2193, 2195. RETORQUE DUE AT NEXT INSP. C/W 1000 CY / 30 MO LANDING GEAR ACTUATOR END-PLAY INSP, FOUND L MLG .012", R MLG .011" INSTALLED O/H'D NLG ACTUATOR P/N 50-820208-5 S/N ALG9546 RIGGED ALL THREE GEAR PER M.M. CHAPTER 32. C/W ANNUAL NOSE WHEEL AND SPAR CAP INSP NO CRACKS / CORROSION NOTED. C/W ANNUAL C.B. SIDE PANEL INSP, REPLACED LAMPS AS REQUIRED. C/W ANNUAL CABIN ALT AND PASS O2 BAROMETRIC PRESS SWITCH FLIGHT TEST, FOUND PROPER OPERATION. C/W FAR 91.207(d) ELT INSP / TEST, FOUND OK BATTERY DUE DEC 2010. CAPACITY TESTED SHIP BATTTERY, FOUND 97%. C/W 2400 HR / 30 MO NACELLE FUEL PROBE INSP, NO CONTAMINATION FOUND LEAK CHECKS OK. C/W 1200 HR PWR LEVER STOP PIN INSP, NO EXCESSIVE WEAR NOTED. STARTER / GENERATORS L/H S/N 7443, R/H S/N 12172 MODIFIED TO WET SPLINE AND OVERHAULED BY HATFIELD AVIATION. QUAD FLANGES INSPECTED AND MODIFIED PER BLACKHAWK INSTRUCTIONS. INSTALLED O/H'D ENGINE BERRY SHOCK MOUNTS P/N 5906-2SA5 (6EA.) REMOVED / REINSTALLED PROPELLERS FOR O/H L/H S/N EAA1326, R/H S/N EAA 1881. REMOVED ENGINES PT6A-135 L/H S/N PCE 92024, R/H S/N PCE92025. CLEANED AND INSPECTED FIREWALL AND TUBULAR MOUNT. INSTALLED NEW PT6A-135A ENGINES L/H S/N PCE-PZ0865, R/H S/N PCEPZ0866 IN ACCORDANCE WITH BLACKHAWK MASTER DRAWING LIST NO. 19015-00-00 REV IR DATED 6/26/06 ---NEXT PAGE---

12/14/2011 15:30

AIRFRAME LOG BOOK ENTRY

APPROVED UNDER STC SA10567SC. REINSTALLED ORIGINAL PROP OVERSPEED GOVERNORS AND TACH GENERATORS. REVISED AIRCRAFT EQUIPMENT LIST. WEIGHT AND BALANCE UNCHANGED. INSTALLED O/H'D PROP SYNCROSCOPE P/N 50-389091 S/N 1415. ADJUSTED RUDDER TRIM TO TRAVEL PER M.M. INSTALLED NEW PROP SYNC CONTRL SWITCH P/N 5540-030. INSTALLED NEW FUEL VENT HEATERS P/N 112054. INSTALLED NEW SIDE PANEL LIGHT RHEOSTAT P/N CMB319. INSTALLED NEW L/H PROP DEICE BRUSHES P/N 3E2011-1,2,3. C/W AD 04-23-02 NLG FORK INSP, NO CRACKS / SLIPPAGE NOTED. REPLACED PILOTS GYRO LIGHT TRANSISTOR P/N 2N3055. ADJUSTED A/C DRIVE BELT TENSION. SERVICED A/C WITH R12 FREON. REPAIRED COPILOTS WINDSHIELD HUMP SEAL WITH PR1425B1/2. INSTALLED O/H'D LEFT PRESSURIZATION FLOW CONTROL VALVE P/N 97-380000-33 S/N 4544 AND PNEUMOSTAT P/N -17, S/N 6698. REPLACED LOOSE RIVETS ON CABIN DOOR HINGE. POLISHED R/H #2 CABIN WINDOW AND EDGE SEALED. ADJUSTED ELEVATOR TRIM TAB CABLE TENSION AND TRAVEL TO SPEC'S PER M.M. CHAPTER 27. REPLACED R/H OUTER EXHAUST STACK GLARESHIELD. REPLACE CLEVIS PINS ON CABIN DOOR UPPER HOOK MECHANISM. INSTALLED MISSING COPILOTS O2 PLACARD. REPLACED LT AND RT AUX FUEL FLOAT SWITCHES P/N 101-389034-7 LEAK AND FUNCTIONAL CHECKS OK. RESEARCHED AD'S THRU 2009-10 ISSUE. END.

Corpus Christi, TX 78406

I certify this Aircraft has
been inspected in accordance with the
instructions and procedures of a
current inspection program approved
under FAR 91.409(f)3

Type of Inspection PHASE 3 & 4

Date 5-29-05 Work Order 5397-98

HM. IND. 750.8 Total Time 75.28

Signed [Redacted] for

David D. Holzschuh
FAA CRS Q2AR598N

ADVANTAGE AIRCRAFT SERVICES, INC.

FAA CRS Q2AR598N

12/14/2011 15:30

COMPLIANCE RECORD

AUTHORIZED SIGNATURE
CERTIFICATE

AIR

Central Texas Avionics, INC.
Georgetown, Tx 78628

DATE/BULL. NUMBER
AFI

Reg #: N49CH Make: BEECH KING AIR S/N: LA-2
Date: 07-22-2008 W/O #: 6319 T.T.: 7210.6

SQ. 1) REMOVED DEFECTIVE COLLINS TDR-90, S/N: 7780, P/N: 622-1270-001 #2 TRANSPONDER AND EXCHANGED UNIT FOR COLLINS TDR 90, S/N: 9704, P/N: 622-1270-001 TRANSPONDER. SQ. 2) UPDATED AVIDYNE EX-500, S/N: 20640525, P/N: 700-00007-003 MFD PER SERVICE BULLETIN # 601-00007-041. SQ. 3) REINSTALLED REPAIRED COLLINS 332C-10, S/N: 1442, P/N: 622-0555-003 RMI. SQ.4) UPDATED NAV DATABASE IN GARMIN GNS 530/430. GROUND CHECKED SYSTEM GOOD.
AIRCRAFT OR APPLIANCE(S) IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS WITH RESPECT TO WORK ACCOMPLISHED AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE. DETAILS ON FILE UNDER THE W/O# LISTED ABOVE.

[Redacted Signature]

EDWARD JASEK CRS# C84R586N

12/14/2011 15:30

CORD

GNATURE
E NO.

C.D. BILL
NUMBER



AIRFRAME LOG BOOK ENTRY

Aircraft: **N49CH BEECH F-90 LA-2** Date: **8/30/2008**

Total Time: **7327.1 TLNDS: 6702 Indicated Time: 7327.1 HM W/O: 5221**

COMPLETED A PHASE 2 INSPECTION IN ACCORDANCE WITH F90 MAINT. MANUAL REV B5 CHAPTER 5-20. C/W AD 04-23-02 (BSB 3202R7) BY INSPECTING NLG FORK NO CRACKS / SLIPPAGE NOTED. C/W FAR 91.207(d) ELT INSP / TEST FOUND OK BATTERY DUE DEC 2010. INSTALLED NEW BATTERY CONCORD RG380 S/N 40234751. INSTALLED NEW INST AIR FILTER. C/W ANNUAL SPAR CAP INSP. INSTALLED OVERHAULED A/C DRIVE MOTOR P/N 100-384072-5 S/N 1142 WITH NEW DRIVE BELTS P/N100-384112-1, AND NEW FAN P/N A18995-1. SERVICED SYSTEM WITH R12 FREON. INSTALLED O RING KIT P/N 4160102-1 IN PASS OXYGEN VALVE AND LEAK / FUNC. TESTED. C/W 200, 600HR AND ANNUAL LUBE ITEMS. CLEANED AND INSPECTED MAIN WHEELS AND REASSEMBLED WITH NEW 185F03-5 TIRES AND O RINGS. REPLACED RIGHT OUTBRD MAIN WHEEL BEARING AND RACE. INSTALLED NEW L/H BAGGAGE WINDOW P/N LA101-440042-3 WITH NEW SEAL P/N 90-380030-1. **CLEANED FLOW CONTROL FILTERS.** INSTALLED NEW LT MAIN FUEL CAP LANYARD. REPLACED 3EA AILERON STAIC WICKS P/N DD1W. REPAIRED CABIN DOOR STEP LIGHT. INSTALLED 7EA NEW RIVETS ON CABIN DOOR HINGE. INSTALLED NEW RIGHT HORZ STAB. DEICE BOOT P/N SMR5064-18 S/N 1074 PER SMR INSTALL INSTRUCTIONS. REPLACED 3EA R/H FLAP BOND WIRES. INSTALLED O/H'D LEFT N1 INDICATOR P/N 50-380034-3 S/N QAN242NA. AMD O/H'D CO-PILOTS ATTITUDE GYRO P/N 23-501-06-3 S/N 48239F. RESEARCHED AD'S THRU 2008-16 ISSUE. END.

12/14/2011 15:31

[Redacted]
Corpus Christi, TX 78406
[Redacted]

I certify this AIRCRAFT has been inspected in accordance with the instructions and procedures of a current inspection program approved under FAR 91.409(a)3

David D. Holzschuh
FAA CRS Q2AR598N

Type of Inspection: Phase 2
Date: 8-30-08 Work Order: 5221
HM, IND.: 7327.1 Total Time: 7327.1
Signed: [Signature] For

ADVANTAGE AIRCRAFT SERVICES, INC.
FAA CRS Q2AR598N
[Redacted] CORPUS CHRISTI, TX 78406

AIRFRAME LOG BOOK ENTRY

12/14/2011 15:31

Aircraft: N49CH BEECH F-90 LA-2 Date: 2/16/2008

Total Time: 7069.0 TLNDS: 6525 Indicated Time: 7069.0 HM W/O: 5079

COMPLETED A PHASE 1 INSPECTION IN ACCORDANCE WITH F90 MAINT. MANUAL REV 19B5 CHAPTER 5-20. C/W AD 04-23-02 (BSB 32-2102R7) BY INSPECTING NLG FORK, NO CRACKS OR SLIPPAGE NOTED. AD 03-26-14 KIDDIE FIRE EXT N/A BY MFG. C/W ANNUAL EDGE LIGHTED SIDE PANEL INSP., REPLACED BULBS AS REQUIRED. C/W ANNUAL CABIN ALT AND PASSENGER O2 BAROMETRIC SWITCH FLT CHECK, FOUND PROPER ACTUATION. C/W 400HR EVAP FILTER REPLACE. C/W 200, 400HR AND ANNUAL LUBE ITEMS. INSPECTED INSTALLATION OF AFT CABIN SEAT LATERAL TRACKING BASE INSTALLATION IN ACCORDANCE WITH AEROFABRICATORS DRAWING LIST NO AF-174 APPROVED UNDER STC SA00453WI INSTALLED BY PERSONS UNKNOWN. FOUND SATISFACTORY, FILED FORM 337 THIS DATE WEIGHT AND BALANCE UNCHANGED. INSTALLED NEW LEFT HEATED FUEL VENT P/N 112054. INSPECTED MAIN WHEELS AND ASSEMBLED WITH NEW 185F03-5 TIRES AND O RINGS. REPLACED 9EA STATIC WICKS P/N DD1W AND ESD-3. INSTALLED NEW R/H STORM WINDOW P/N 101-420080-8 S/N 3536. INSTALLED STOP PADS ON NLG DOOR CAMS. REPLACED LOOSE RIVETS ON FUSELAGE FAIRINGS. INSTALLED CORRECT SCREWS ON LT AILERON ATTACH. INSTALLED NEW INNER CABIN DOOR HANDLE P/N 101-384096-1. REPLACED BULB AND SOCKET ON CABIN DOOR LWR STEP. RESEALED DOSAL FIN FAIRING TO VERT. STAB. INSTALLED NEW BOLTS ON ELEVATOR TO HINGE ATTACH. INSTALLED 3EA MISSING SCUPPER DRAINS ON ELEVATORS ADJUSTED FLAP RIGGING PER M.M. INSTALLED LANYARD ON RT MAIN FUEL CAP. RESEARCHED AD'S THRU 2008-02 ISSUE. END.

Corpus Christi, TX 78406

 I certify this Aircraft has been inspected in accordance with the instructions and procedures of a current inspection program approved under FAR 91.409 (e) 3

 Type of Inspection: PHASE 1
 Date: 2/16/08 Work Order: 5079

 FIM, IND, 2069.0 Total Time: 7069.0

Signed _____ for

 David D. Holzschuh
 FAA CRS Q2AR598N

 ADVANTAGE AIRCRAFT SERVICES, INC.
 FAA CRS Q2AR598N

CORPUS CHRISTI, TX

L
N49CH

JORDAN PROPELLER



SERVICE

SAN ANTONIO

Propeller Logbook

9

12/14/2011 15:31

PROPELLER MAINTENANCE RECORD

LEFT ENGINE

RIGHT ENGINE

Hub Model HC-54TN-3B

Hub Model _____

Blade Design T10173FNB-10.5

Blade Design _____

Diameter _____

Diameter _____

Hub Ser. No. EAA 1326 M1

Hub Ser. No. _____

Blade Ser. Nos. _____

Blade Ser. Nos. _____

No. 1 H 64128

No. 1 _____

No. 2 H 64127

No. 2 _____

No. 3 H 64131

No. 3 _____

No. 4 H 64134

No. 4 _____

No. 5 _____

No. 5 _____

PITCH RANGE

PITCH RANGE

High _____ Low 18.5°

High _____ Low _____

Feather 07.5° Reverse -8.5°

Feather _____ Reverse _____

Latch Angle _____

Latch Angle _____

12/14/2011 15:31

DESCRIPTION OF ALL OPERATIONS
PERTAINING TO AIRWORTHINESS DIRECTIVES,
SERVICE BULLETINGS, SERVICE LETTERS
& MINOR ADJUSTMENTS

12/14/2011 15:32

DATE	TACH TIME	DESCRIPTION OF WORK
6-18-2010	8007.2	HM4 TT, 425.2 T30 (5/09)
Profiled/Painted Blades & Lubed Hub. 11/05/11		
I certify this <u>Mapeik R</u> has been inspected in accordance with the instructions and procedures of a current inspection program approved under FAR <u>91.409(c)(3)</u> Type of Inspection <u>Phase 1-42</u>		
Date	6-18-10	Work Order <u>3251</u>
HM. IND.	<u>8007.2</u>	Total Time <u>3251</u>
Signed	[Redacted]	[Redacted] for [Redacted]
ADVANTAGE AIRCRAFT SERVICES, INC. FAA CRS Q2AR598N CORPUS CHRISTI, TX 78466		
6-9-2011	8003.0	HM4 TT, 621.0 T30 (5/09)
Profiled/Painted Blades & Lubed Hub.		
I certify this <u>Mapeik R</u> has been inspected in accordance with the instructions and procedures of a current inspection program approved under FAR <u>91.409(c)(3)</u> Type of Inspection <u>Phase 3-44</u>		
Date	6-9-11	Work Order <u>3250</u>
HM. IND.	<u>8003.0</u>	Total Time <u>3250</u>
Signed	[Redacted]	[Redacted] for [Redacted]
ADVANTAGE AIRCRAFT SERVICES, INC. FAA CRS Q2AR598N CORPUS CHRISTI, TX 78466		

**DESCRIPTION OF ALL OPERATIONS
PERTAINING TO AIRWORTHINESS DIRECTIVES,
SERVICE BULLETINGS, SERVICE LETTERS
& MINOR ADJUSTMENTS**

12/14/2011 15:32

DATE	TACH TIME	DESCRIPTION OF WORK
		JORDAN PROPELLER SERVICE, INC. [REDACTED] San Antonio, Texas 78216 Certificated Repair Station No. EK2R797K
		PROPELLER S/N <u>EAA1326M1</u> HAS BEEN <u>OVERHAULED</u> I/A/W <u>Hartzell Manuals 118F Rev 20 & 133C Rev.25.</u> <u>C/W Service Bulletin 137A, 61-136R1, 61-279R4, 61-280, 61-285R1, 61-294R1</u> <u>And Service Letters 61-167, 61-177, 61-189R2, 61-217, 61-229R2, 61-234,</u> <u>61-258R1, 61-299 154 & 159</u>
		PERTINENT DETAILS ON FILE UNDER WORK ORDER NUMBER <u>13388</u> SIGNED <u>[REDACTED]</u> DATE <u>05-22-09</u>



PROPELLER LOG BOOK ENTRY

Propeller: LEFT N49CH HARTZELL HC-B4TN-3B EAA1326M1 Date: 5/29/09
Prop Total Time: 7582.0 TSO: 0.00 Indicated Time: 7582.8 HM W/O: 5398

REMOVED / REINSTALLED THIS PROPELLER ON LEFT POSITION F-90 LA-2 WITH NEW O RING,
 CARBON BRUSH, AND ATTACH BOLTS PER HARTZELL INSTALLATION INSTRUCTIONS

[REDACTED] 78406

David D. Holzschuh
 EAA 1326M1

JORDAN PROPELLER

R

NH9CH



SERVICE

SAN ANTONIO

Propeller Logbook

12/14/2011 15:32

DESCRIPTION OF ALL OPERATIONS
PERTAINING TO AIRWORTHINESS DIRECTIVES,
SERVICE BULLETINS, SERVICE LETTERS
& MINOR ADJUSTMENTS

12/14/2011 15:32

DATE	TACH TIME	DESCRIPTION OF WORK
6-18-10	8007.2 HM & TT	425.2 T30 (5/09) PROFILED / PAINTED BLADES & Lubed Hub I certify this <u>Propeller</u> has been inspected in accordance with the instructions and procedures of a current inspection program approved under FAR <u>91.409(e) 3</u> Type of Inspection <u>Phase 2</u> Date <u>6-18-10</u> Work Order <u>5657</u> HM, IND. <u>8007.2</u> Total Time <u>8007.2</u> Signed [redacted] for [redacted]
6-9-2011	8253.0 HM & TT	671.0 T30 (5/09) PROFILED / PAINTED BLADES & Lubed Hub. I certify this <u>Propeller</u> has been inspected in accordance with the instructions and procedures of a current inspection program approved under FAR <u>91.409(e) 3</u> Type of Inspection <u>Phase 2A</u> Date <u>6-9-11</u> Work Order <u>5873</u> HM, IND. <u>8253.0</u> Total Time <u>8253.0</u> Signed [redacted] for [redacted]

ADVANTAGE AIRCRAFT SERVICES, INC.

FAA CRS Q2AR598N

CORPUS CHRISTI, TX 78406

ADVANTAGE AIRCRAFT SERVICES, INC.

FAA CRS Q2AR598N

CORPUS CHRISTI, TX 78406

**DESCRIPTION OF ALL OPERATIONS
PERTAINING TO AIRWORTHINESS DIRECTIVES,
SERVICE BULLETINGS, SERVICE LETTERS
& MINOR ADJUSTMENTS**

12/14/2011 15:33

DATE	TACH TIME	DESCRIPTION OF WORK
		JORDAN PROPELLER SERVICE, INC. [REDACTED] San Antonio, Texas 78216 Certificated Repair Station No. EK2R797K
		PROPELLER S/N <u>EAA1881</u> HAS BEEN <u>OVERHAULED</u> I/A/W <u>Hartzell Manuals 118F Rev 20 & 133C Rev.25.</u> C/W Service Bulletin 137A, 61-136R1, 61-279R4, 61-280, 61-285R1, 61-294R1 And Service Letters 61-167, 61-177, 61-189R2, 61-217, 61-229R2, 61-234, 61-258R1, 61-299, 154 & 159.
		PERTINENT DETAILS ON FILE UNDER WORK ORDER NUMBER <u>13388-1</u> SIGNED <u>[REDACTED]</u> DATE <u>05-22-09</u>



PROPELLER LOG BOOK ENTRY

Propeller: RIGHT N49CH HARTZELL HC-B4TN-3B EAA1881 Date: 5/29/09
Prop Total Time: 7582.0 TSO: 0.00 Indicated Time: 7582.8 HM W/O: 5398
 REMOVED / REINSTALLED THIS PROPELLER ON RIGHT POSITION F-90 LA-2 WITH NEW O RING,
 CARBON BRUSH, AND ATTACH BOLTS PER HARTZELL INSTALLATION INSTRUCTIONS.

[REDACTED]

[REDACTED]

Cornus Christi, TX 78406

David D. Holzschuh
 FAA CBS O-AR 508N

PROPELLER MAINTENANCE RECORD

LEFT ENGINE

Hub Model _____

Blade Design _____

Diameter _____

Hub Ser. No. _____

Blade Ser. Nos. _____

No. 1 _____

No. 2 _____

No. 3 _____

No. 4 _____

No. 5 _____

PITCH RANGE

High _____ Low _____

Feather _____ Reverse _____

Latch Angle _____

RIGHT ENGINE

Hub Model HC-B4TN-3B

Blade Design T10173FB-10.5

Diameter _____

Hub Ser. No. EAA 1881

Blade Ser. Nos. _____

No. 1 F50121

No. 2 F50113

No. 3 F50119

No. 4 F49137

No. 5 _____

PITCH RANGE

High _____ Low 18.5°

Feather 87.0° Reverse -8.5°

Latch Angle _____

12/14/2011 15:33

AD#	Applicable S.B. # & Subject	Date & Hours @ Comp.	Method of Compliance	One Time	Recurring	Next Comp. @ Hrs/Date	Authority of Signature Name
2003-13-16	Detect and correct damage to the aft pressure bulkhead of the fuselage	9/11/03 @5894.6	RSB 53-3513R1	X			ADVANTAGE AIRCRAFT CRS Q2AR598N
2004-17-02	Detect and correct loose bolts not securing the pedestal cross shaft	9/28/04 @9066.8	RSB 73-3634	X			ADVANTAGE AIRCRAFT CRS Q2AR598N
2004-23-02	CORRECTION - Detect and correct cracks in the NLG fork		32-2102R7 INSP		X	EV 250 HRS	ADVANTAGE AIRCRAFT CRS Q2AR598N
2005-01-04	CORRECTION - Prevent fuel flow interruption	6/3/06 @6366	BSB 2718R1		X		ADVANTAGE AIRCRAFT CRS Q2AR598N
2006-12-25	Prevent failure of the actuator nut assembly for the right MLG actuator	10/19/06 @6531.0	N/A		X		ADVANTAGE AIRCRAFT CRS Q2AR598N
74-24-13	United Instrument altimeters		N/A BY S/N N3858		X		ADVANTAGE AIRCRAFT CRS Q2AR598N
88-06-02	United Instruments altimeters		N/A BY S/N N3858		X		ADVANTAGE AIRCRAFT CRS Q2AR598N
87-06-09	Mechanical Prod circuit breakers	10/16/87 @2626.9	N/A		X		ADVANTAGE AIRCRAFT CRS Q2AR598N
2006-18-20	Prevent Goodrich "FASTprop" propeller de-icers from detaching from the propeller blade		N/A BY MFG		X		ADVANTAGE AIRCRAFT CRS Q2AR598N
2003-26-14	Incomplete crimping of the siphon tube		N/A BY MFG		X		ADVANTAGE AIRCRAFT CRS Q2AR598N
2001-23-17	Prevent external noise to the QHS 430 units course deviation indicator (CDI)		N/A BY SOFTWARE LEVEL		X		ADVANTAGE AIRCRAFT CRS Q2AR598N
80-08-12	Fuel pump dr. coupling splines	5/25/92 @3708.0	C/W AT O/H		X		ADVANTAGE AIRCRAFT CRS Q2AR598N
96-12-06	Complete engine overhaul		N/A P&W OVERHAUL		X		ADVANTAGE AIRCRAFT CRS Q2AR598N
97-04-12	Engine power reduction due to malfunction of the compressor BOV		N/A MULTI ENGINE		X		ADVANTAGE AIRCRAFT CRS Q2AR598N
2002-23-13	Prevent failure of the turbine exhaust duct		VISUALLY INSP		X	EV 150 HRS	ADVANTAGE AIRCRAFT CRS Q2AR598N
72-08-04	Blade cracks		N/A BY BLADE S/N'S		X		ADVANTAGE AIRCRAFT CRS Q2AR598N
74-14-01 R1	Blade inspection for cracks		N/A BY BLADE MODEL		X		ADVANTAGE AIRCRAFT CRS Q2AR598N
83-06-01 R2	Preclude propeller attaching bolt failures or improperly secured propellers		PROPER BOLT TORQUE		X	EV PROP R&R	ADVANTAGE AIRCRAFT CRS Q2AR598N
94-03-11	Fatigue cracks	3/28/03 @5815.4	C/W AT O/H		X		ADVANTAGE AIRCRAFT CRS Q2AR598N
96-03-03	Hub arm cracks		N/A BY MODEL		X		ADVANTAGE AIRCRAFT CRS Q2AR598N
96-18-14	CORRECTION - Hub replacement	3/28/03 @5815.4	C/W AT O/H EAA S/N'S		X		ADVANTAGE AIRCRAFT CRS Q2AR598N
2006-14-11	Prevent blade failure that could result in separation of a propeller blade	7/9/07 @ 6784.1	N/A NO REWORK BY S. CAL PROP		X		ADVANTAGE AIRCRAFT CRS Q2AR598N
2006-14-12	Prevent propeller attaching bolt failures or improperly secured propellers	6/3/06 @5937	N/A		X		ADVANTAGE AIRCRAFT CRS Q2AR598N
2006-13-28	To prevent failure of the propeller hub		N/A BY MODEL HCB4TN-3B		X		ADVANTAGE AIRCRAFT CRS Q2AR598N

12/14/2011 15:34

AD NOTES COMPLIANCE RECORD

Airframe - Hawker Beechcraft Corporation - F90

Engine - Pratt & Whitney - PT6A-135

Propeller - Hartzell - HC-B4TN-3B

LA-2

LEFT PC-E92024

RIGHT PC-E92025

LEFT EAA1326M1

RIGHT EA1881

AD#	Applicable S.B. # & Subject	Date & Hours @ Comp.	Method of Compliance	Requiring One Time	Next Comp. @ Hrs/Date	Authorized Sign-off & Number
80-07-06	Bolt and nut, wing section	7/24/90 @441	INSPECT	X		ADVANTAGE AIRCRAFT CRS Q2AR598N
83-07-14	One-ply window replacement	9/22/86 @2222.8	SI 1214	X		ADVANTAGE AIRCRAFT CRS Q2AR598N
86-22-06	Nut and bolt replacement	4/12/94 @4393.4	N/A INCONEL BOLTS SI1235	X		ADVANTAGE AIRCRAFT CRS Q2AR598N
87-04-24	Elevator trim cable system	2/2/89 @2995.5	BSB 2028R4	X		ADVANTAGE AIRCRAFT CRS Q2AR598N
87-22-01 R1	Nose landing gear		SUPERCEDED	X		ADVANTAGE AIRCRAFT CRS Q2AR598N
89-22-14	Aileron		N/A BY MODEL	X		ADVANTAGE AIRCRAFT CRS Q2AR598N
90-08-17	Moisture drain system	3/21/91 @3400.8	BSB 2312	X		ADVANTAGE AIRCRAFT CRS Q2AR598N
91-12-11	Windows	11/27/91 @3640.9	BSB 2208R1	X		ADVANTAGE AIRCRAFT CRS Q2AR598N
92-16-01	Fail. of truss/firewall bolts	6/24/92 @3708	BSB 2432	X		ADVANTAGE AIRCRAFT CRS Q2AR598N
92-27-10	Pilot or Copilot chair		SUPERCEDED	X		ADVANTAGE AIRCRAFT CRS Q2AR598N
96-13-03	Landing gear motor	7/24/91 @3489	BSB 2036R3 KIT	X		ADVANTAGE AIRCRAFT CRS Q2AR598N
96-03-13	Main landing gear	5/2/96 @4819.1	BSB 2607R1	X		ADVANTAGE AIRCRAFT CRS Q2AR598N
97-06-06	Pilot or Copilot chair	6/24/92 @3708	BSB 2444 R1 INSP	X		ADVANTAGE AIRCRAFT CRS Q2AR598N
97-23-17	Inspection of tubing	3/16/98 @5181.8	BSB 2676	X		ADVANTAGE AIRCRAFT CRS Q2AR598N
97-25-01	Outflow/safety valve	3/16/98 @5181.8	N/A BY P/N	X		ADVANTAGE AIRCRAFT CRS Q2AR598N
97-26-03	AFM Limitations Section	3/16/98 @5181.8	INSERT COPY OF AD IN AFM	X		ADVANTAGE AIRCRAFT CRS Q2AR598N
98-04-24	Severe Icing Conditions	3/16/98 @5181.8	INSERT COPY OF AD IN AFM	X		ADVANTAGE AIRCRAFT CRS Q2AR598N
98-16-13	Rubber fuel hose		SUPERCEDED	X		ADVANTAGE AIRCRAFT CRS Q2AR598N
99-10-07	Elevator control cable	6/3/06 @6386	INSP CABLES	X		ADVANTAGE AIRCRAFT CRS Q2AR598N
2002-23-11	Prevent the balance weight attachment screws from becoming loose	11/23/02 @5782	RSB 27-3187R1	X		ADVANTAGE AIRCRAFT CRS Q2AR598N
2003-02-03	Assure that clear and complete operating instructions are visible	3/29/06 @5782	RSB 52-3096R1	X		ADVANTAGE AIRCRAFT CRS Q2AR598N

12/14/2011 15:34

12/14/2011 15:34

KING AIR F-90 - TIME ITEM STATUS

N49CH

Model:

F-90

Serial No.:

LA-2

MAINTENANCE MANUAL:

REV.1985

FLIGHT MANUAL REV.:

109-590010-3A12

DATE:

06/09/11

CURRENT HM:

8253.0

CURRENT TOTAL TIME:

8253.0

CURRENT TOTAL LANDINGS:

7444

CHAPTER 4 / Pg. 1 of 2

Description	Interval	Last Completed		Next Due	
		Hours/Cycles	Date	Hours/Cycles	Date
Fuselage and Associated Items					
Replace Windshield Screws					
Left	10,000 cy	6440	1/29/08	16440	
Right	10,000 cy	0		10000	
Replace Cabin Airstair FWD & AFT	5000 cy	5500	9/11/03	10500	
Side Latch Bolts				10000	
Replace Cabin Air Stair Upper Hook Mechanism	10,000 cy				
Wing and Associated Structure					
Wing Center Section and Outboard Wing Life Limit LA-2 thru LA-225	30,000 hrs			30000	
Wing Center Section and Outboard Wing LA-226 and AFTER W/O Kit 101-4050	20,000 hrs	N/A		N/A	
Wing Center Section and Outboard Wing LA-226 and AFTER W/ Kit 101-4050	30,000 hrs	N/A		N/A	
Wing Bolt Replace (INCONEL)					
Lower Forward LA-2 thru LA-225	15 yrs		4/14/05		4/20
	15,000 hrs	6128		21128	
Lower Forward LA-226 and AFTER or anytime removed	5 yrs		N/A		N/A
Upper Forward, Upper and Lower AFT	15 yrs		5/09		5/24
	15,000 hrs	7582		22582	
Fire Protection					
Fire Extinguisher, Engine Hydro Test					
Left	5 yrs		N/A		N/A
Right	5 yrs		N/A		N/A
Fire Extinguisher Squib: Total Life					
Left	6 yrs		N/A		N/A
Right	6 yrs		N/A		N/A
In Service Life					
Left	4 yrs		N/A		N/A
Right	4 yrs		N/A		N/A

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12/14/2011 15:34

Description	Interval	Last Completed		Next Due	
		Hours/Cycles	Date	Hours/Cycles	Date
Oxygen System					
Oxygen Bottle Hydro Test & Reg OH			N/A		N/A
DOT 3HT 1850	3 yrs				N/A
DOT 3AA 1800 (Composite)	3 yrs		6/9/11		6/16
DOT 3AA 1800	5 yrs				
Oxygen Bottle Replace			N/A		N/A
DOT 3HT	24 yrs		N/A		N/A
DOT 3AA (Composite)	15 yrs				
Cabin Fire Extinguisher					
Fire Extinguisher Cabin	12 yrs		11/00		11/12
Fire Extinguisher Cockpit	12 yrs		6/10		6/22

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12/14/2011 15:34

CHAPTER 5 / Pg. 1 of 3

Description	Interval	Last Completed		Next Due	
		Hours/Cycles	Date	Hours/Cycles	Date
SPECIAL INSPECTIONS					
Phase Inspections					
Phase 1 Inspection	200 hrs	8007	6/18/10	8453	
Phase 2 Inspection	200 hrs	8007	6/18/10		
Phase 3 Inspection	200 hrs	8253	6/9/11		
Phase 4 Inspection	200 hrs	8253	6/9/11		6/12
Phase 1-4 Inspection	24 months		6/10		
Landing Gear					
Brake Hoses (Wheel Well)	5 (yrs)		6/11		6/16
Hyd. Extension / Retraction Hoses	10 yrs		N/A		N/A
Shock Absorber, Drag Brace, Axle, and Torque Knee - Nose	8000 cy 6 yrs	7544	6/11	15544	6/17
Shock Absorber, Drag Brace, Axle, and Torque Knee - Left Main	8000 cy 6 yrs	7544	6/11	15544	6/17
Shock Absorber, Drag Brace, Axle, and Torque Knee - Right Main	8000 cy 6 yrs	7544	6/11	15544	6/17
Landing Gear Motor	8000 cy 6 yrs	7544	6/11	15544	6/17
Landing Gear Box	8000 cy 6 yrs	7544	6/11	15544	6/17
Actuator Overhaul - Nose	8000 cy	6903	5/09	14903	
Actuator Overhaul - Left Main	8000 cy	0		8000	
Actuator Overhaul - Right Main	8000 cy	0		8000	
Actuator Endplay - Nose	1000 cy 30 mth	6903	5/09	7903	11/11
Actuator Endplay - Left Main	1000 cy 30 mth	6903	5/09	7903	11/11
Actuator Endplay - Right Main	1000 cy 30 mth	6903	5/09	7903	11/11
Actuator Clevis - Nose	1000 cy	6903		7903	
Actuator Clevis - Left Main	1000 cy	6903		7903	
Actuator Clevis - Right Main	1000 cy	6903		7903	
Hydraulic System Filter	200 hrs 1200 hrs 1000 cy	N/A N/A N/A		N/A N/A N/A	
Hydraulic Ext/Ret Hoses	10 yrs		N/A		N/A
Hydraulic Power Pack Fill	200 hrs	N/A		N/A	
Reservoir Screen	1200 hrs	N/A		N/A	
Nose Wheel Inspection	SEE CMM				
Main Wheel Inspection	SEE CMM				

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CHAPTER 5 (cont.) / Pg. 2 of 3

88-61 1102/41/21
 12/14/2011
 1535

Description	Last Completed		Next Due	
	Hours/Cycles	Date	Hours/Cycles	Date
SPECIAL INSPECTIONS (cont.)				
Electrical System				
ELT Battery Replacement	As Spec		3/10	3/15
ELT Inspection Per FAR 91.207	1 yr		6/11	6/12
Lead Acid Battery Cap Test	12 mths		6/11	6/12
Standby Power Supply (J.E.T.)				
Voltage Check	3 mths		N/A	N/A
Capacity Check	12 mths		N/A	N/A
Edgelighted Panel Assys.	2000 hrs	8007	6/10	6/14
	4 yrs		6/11	6/12
Left and Right Edgelighted Panel Assys.	12 mths			
Indicating / Recording Systems				
Static System	24 mths		3/10	3/12
Transponder Recertification	24 mths		5/10	5/12
Altimeter Recertification	24 mths		3/10	3/12
Instrument Air Filter	400 hrs	8007	8407	6/11
Cabin Altitude Baro Switch	12 mths		6/10	
Fuel System				
Fuel Probes, Nacelle	2,400 hrs	8007	10407	
	30 mths		5/09	11/11
Flight Controls				
Flexible Shafts, Flaps	5,000 cy	4984	5/2/97	9984
Flight Control Pulley Brackets & Castings	10,000 cy	0		10000
Recurring	5,000 cy	N/A		N/A
Engine Controls				
Power Lever Stop Pins & Pedistals	1200 hrs	7582		8782
Fuselage and Associated Structure				
Exterior Skin Initial	10,000 cy	0		10000
Exterior Skin Recurring	1,000 cy	N/A		N/A
Fuselage - Chapter 53 Inspect Initial	6,000 cy	6054		N/A
Fuselage - Chapter 53 Inspect Recurring	3,000 cy	6054		9054
Wing and Associated Structure				
Wing Structure S.I.R.M.	5 yrs	7582	5/09	5/14
WING BOLT RETORQUE	200 hrs	8007		N/A
Nacelle Splice Plates Replace	20,000 hrs	0		20000
Nacelle Splice Plates Inspect Initial	10,000 hrs	0		10000
Nacelle Splice Plates Inspect Recurring	1000 hrs	N/A		N/A
Wing Spar Cap Inspect	12 mths		6/11	6/12
Air Conditioning				
Compressor Drive Belt	50 hrs	8253		
Compressor Drive Motor	600 hrs	8007		8607
Evap Filter	400 hrs	8007		8407
Flow Control Valve Filter	600 hrs	8007		8607

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CHAPTER 5 (cont.) / Pg. 3 of 3

98:91 1102/1111
12/14/2011 15:35
SPECIAL INSPECTIONS (cont.)

	Last Completed		Next Due	
	Hours/Cycles	Date	Hours/Cycles	Date
Oxygen				
Pass Oxygen Valve O/H	24 mth			6/13
Pass Oxygen Baro Switch Test	12 mth			6/11
Powerplant				
Flammable Fluid Engine Hoses				
Replace Left	5 yrs / ENG OH			6/11
Replace Right	5 yrs / ENG OH			6/11
Engine Overhaul				
Left	3600 hrs	7582		11182
Right	3600 hrs	7582		11182
Engine Hot Section				
Left	1800 hrs	7582		9382
Right	1800 hrs	7582		9382
Overspeed Gov. Overhaul				
Left	3600 hrs	5492		9092
	8 yrs		6/19/00	6/08**
Right	3600 hrs	5492		9092
	8 yrs		6/19/00	6/08**
Starter/Generator OH				
Left	1000 hrs	7582		8582
Right	1000 hrs	7582		8582
Starter/Generator Spline Lube				
Left	400 hrs	N/A		
Right	400 hrs	N/A		
Starter/Generator Quad Flange Insp				
Left	EV. SG REMOVE	7582		
Right	EV. SG REMOVE	7582		
Engine Vibration Isolators				
Left	4000 hrs / ENG OH	7582		11582
Right	4000 hrs / ENG OH	7582		11582
Engine Oil And P3 Filters				
Left	1000 hrs	7582		8582
Right	1000 hrs	7582		8582
Propeller Overhaul				
Left	2000 hrs	7582		7815
	5 yrs		5/09	5/14
Right	2000 hrs	7582		7815
	5 yrs		5/09	5/14

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12/14/2011 15:35

CHAPTER 12 / Pg. 1 of 1

Description	Interval	Last Completed		Next Due	
		Hours/Cycles	Date	Hours/Cycles	Date
SPECIAL INSPECTIONS					
Lubrication Schedules					
	200 hrs	8253		8453	
	400 hrs	8007		8407	
	600 hrs	N/A			11/11
	30 MO		5/09		
	1200 hrs	8253		9453	
	Annual		6/11		8/12

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