



Transport
Canada

Transports
Canada

TP 14182E



(Revised 05/2005)

Engine Logbook

GAS GENERATOR

MODULE LOG BOOK

Canada

Liste des composants moteur à numéros de série Engine Serialized Component Summary

P&WC JFR3-6830-E (05-1998)



Pratt & Whitney Canada

Une société de United Technologies / A United Technologies Company

Pratt & W. Canada Cie. /
Pratt & Whitney Canada Corp.
1000, Marie-Victorin
Longueuil, Québec, Canada
J4G 1A1
450-677-9411

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| Modèle Model | PT6A-66 | N° de série Serial No. | PCE-RK0208 | Caract. de montage Build Spec NO. | BS677 | |
|-----------------------------------|---|---------------------------|--|--|--|--|
| N° du matériel Material Number | Désignation du matériel Material Name | N° de série Serial No. | Code de trait. thermique Heat Code | N° de série du matériel forgé Forging Serial No. | N° de lot pour trait. thermique Heat Treat Batch No. | N° de matériel du fournisseur Vendor Material No. |
| 3028004 | BEARING OPTION | BB0053191 | | | | |
| 3028455 | GEAR - SUN, 1ST STAGE REDUCTION, 26 TEETH | PKAAA074611 | | | | |
| 3034806 | GEAR-PLANET,2ND STAGE,RDN,31 TEETH | PKAAA050202 | | | | |
| | | PKAAA050205 | | | | |
| | | PKAAA050206 | | | | |
| | | PKAAA050207 | | | | |
| | | PKAAA050210 | | | | |
| | | NNA06527349 | | | | |
| 3035889 | EXCITER-IGNITION | EAAA000C164 | PZBXF | 006 | | |
| 3036898 | IMPELLER-CENTRIFUGAL | EAAA000A098 | KAWDA | 034 | | |
| 3037001 | ROTOR-COMPRESSOR | PKAAA075658 | | | | |
| 3037305 | GEAR-PLANET,1ST STAGE REDUCTION | PKAAA075668 | | | | |
| | | PKAAA075678 | | | | |
| 3037312 | DISC TURBINE | A0024NWM1 | LAKLT | 5548 | | |
| 3037313 | DISC-TURBINE | A0024L49 | LAYAZ | 5108 | | |
| 3038472 | FLOW DIVIDER AND PURGE VALVE | 969524508 | | | | |
| 3040760 | PUMP-FUEL | 008132 | | | | |
| 3040931/CL07 | COMPRESSOR - TURBINE STATOR, ASSY OF | NB11738 | | | | |
| 3040933 | ROTOR COMPRESSOR | TXA1B0891 | EPEEV | 28 | | |
| 3040942 | ROTOR - COMPRESSOR | EAAA000A356 | KAWDA | 152 | | |
| 3040944 | ROTOR - COMPRESSOR | EAAA000A415 | KAWBM | 220 | | |
| 3040982/CL02 | VANE RING-POWER TURBINE | CKDLB01 | | | | |
| 3041123 | VANE RING-TURBINE | ND22681 | | | | |
| 3043063 | SHAFT-STUB,COMPRESSOR ROTOR | PKAAA064041 | EPEGJ | 122 | | |
| 3043705-01 | HOUSING-POWER TURBINE STATOR | EDA00530D | | | | |
| 3043825-01 | WIRING HARNESS T5 THERMOCOUPLE | NR03156 | | | | |
| 3043919-01 | DUCT-TURBINE EXHAUST,ASYO | RWA66A793 | | | | |
| 3053085-01 | GEAR - RING FIRST STAGE REDUCTION | PKAAA075498 | | | | |
| 3053740-01 | DISC - TURBINE | A00246AN | EPEFV | 90 | | |
| 3054491-01 | SHAFT-PROPELLER | EAAA000B070 | KAWCB | | | |
| 3055663-01 | LINER-COMB CHMBR, OUTER,ASYO | FTAA002A329 | | | | |
| 3056693-01 | BLADE-POWER TURBINE(MACHINING) | A00240L2 | | | | |
| | | A00240L3 | | | | |
| | | A00240L4 | | | | |
| | | A00240L5 | | | | |
| | | A00240LA | | | | |
| | | A00240LC | | | | |
| | | A00240LD | | | | |
| | | A00240LE | | | | |
| | | A00240LF | | | | |

Liste des composants moteur à numéros de série Engine Serialized Component Summary

P&WC J1R3-5830-E (05-1998)



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|-----------------|---------|---------------------------|------------|--------------------------------------|-------|
| Modèle Model | PT6A-66 | N° de série Serial No. | PCE-RK0208 | Caract. de montage Build Spec NO. | BS677 |
|-----------------|---------|---------------------------|------------|--------------------------------------|-------|

| N° du matériel Material Number | Désignation du matériel Material Name | N° de série Serial No. | Code de trait. thermique Heat Code | N° de série du matériel forgé Forging Serial No. | N° de lot pour trait. thermique Heat Treat Batch No. | N° de matériel du fournisseur Vendor Material No. |
|-----------------------------------|--|---------------------------|--|--|--|--|
| 3057249-01 | HEATER-OIL TO FUEL | A00240LN | | | | |
| 3059835-01 | VALVE-COMPRESSOR BLEED, ASSY | A00240LR | | | | |
| 3070217-01 | GEARSHAFT STARTER GENERATOR DRIVE | A00240LT | | | | |
| 3070673-01 | HOUSING-POWER TURBINE SHAFT, ASSY OF | A00240LW | | | | |
| 3101419-01 | CARRIER-FIRST STAGE REDUCTION | A00240LX | | | | |
| 3102227-01 | BEARING-BALL FLANGED | A00240M3 | | | | |
| 3106714-01 | ADAPTER-SPLINE, 1ST STAGE CARRIER | A00240M4 | | | | |
| | | A00240M6 | | | | |
| | | A00240M8 | | | | |
| | | A00240M9 | | | | |
| | | A00240MB | | | | |
| | | A00240ME | | | | |
| | | A00240MH | | | | |
| | | A00240ML | | | | |
| | | A00240MM | | | | |
| | | A00240MN | | | | |
| | | A00240MP | | | | |
| | | A00240MW | | | | |
| | | A00240MX | | | | |
| | | A00240MY | | | | |
| | | A00240N1 | | | | |
| | | A00240N2 | | | | |
| | | A00240N4 | | | | |
| | | A00240N7 | | | | |
| | | A00240ND | | | | |
| | | A00240NE | | | | |
| | | A00240NP | | | | |
| | | A00240NR | | | | |
| | | A00240NW | | | | |
| | | A00240P3 | | | | |
| | | A00240P4 | | | | |
| | | A00240P6 | | | | |
| | | A00240P7 | | | | |
| | | A00240PA | | | | |
| | | WA28693 | | | | |
| | | AHX007370 | | | | |
| | | PKAAA061058 | | | | |
| | | LPA02924 | | | | |
| | | PKAAA046594 | | | | |
| | | BB0054044 | | | | |
| | | PKAAA049111 | | | | |

Liste des composants moteur à numéros de série Engine Serialized Component Summary

P&WC JRS-6830-E (05-1998)



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| Modèle Model | PT6A-66 | N° de série Serial No. | PCE-RK0208 | Caract. de montage Build Spec NO. | BS677 | |
|-----------------------------------|---|---------------------------|--|--|--|--|
| N° du matériel Material Number | Désignation du matériel Material Name | N° de série Serial No. | Code de trait. thermique Heat Code | N° de série du matériel forgé Serial No. | N° de lot pour trait. thermique Heat Treat Batch No. | N° de matériel du fournisseur Vendor Material No. |
| 3107525-01 | COUPLING-POWER, TURBINE | PKAAA068707 | EPBTO | | | |
| 3108192-01 | COUPLING-FLEX, INNER, 2ND STAGE, RDN, GEAR-SUN, 2ND STAGE, RDN, (34 TEETH) | PKAAA072667 | | | | |
| 3108215-01 | GEAR-SUN, 2ND STAGE, RDN, (34 TEETH) | PKAAA087929 | | | | |
| 3109028-01 | COUPLING-PROP. SHAFT | RWA38A908 | | | | |
| 3109029-01 | COUPLING-FLEX., OUTER, 2ND STG. RDN, GEAR-RING, 2ND STAGE, RDN, (96 TEETH) | PKAAA046156 | ZECAD | | | |
| 3109030-01 | GEAR-RING, 2ND STAGE, RDN, (96 TEETH) | PKAAA078541 | | | | |
| 3109239-01 | BUS BAR-NEGATIVE TERMINAL, T5 | NR07186 | | | | |
| 3109240-01 | BUS BAR-POSITIVE TERMINAL, T5 | NR07159 | | | | |
| 3109251-01 | SHAFT-POWER, TURBINE | RWA50A382 | KAWBU | | | |
| 3112260-01 | HOUSING ASSY-PROP REDN G.B. FR. BEARING-ROLLER FLANGED, .94X1.65X.47 | A0022N50 | | | | |
| 3112368-01 | | FAA0639205 | | | | |
| | | FAA0639220 | | | | |
| | | FAA0639221 | | | | |
| | | FAA0639223 | | | | |
| | | FAA0639246 | | | | |
| | | FAA0639250 | | | | |
| | | FAA0639257 | | | | |
| | | FAA0639258 | | | | |
| | | FAA0639259 | | | | |
| | | FAA0639260 | | | | |
| 3112612-01 | COUPLING-COMPRESSOR, REAR HUB | PKAAA064112 | | | | |
| 3112696-03 | BEARING BALL, 1.181X2.8345X.743, FLG CARRIER-SET 2ND STAGE, REDUCTION | FCN183091 | | | | |
| 3113255-01 | CARRIER-SET 2ND STAGE, REDUCTION | PKAAA064933 | | | | |
| 3113589-01 | BEARING-BALL, 1.450X3.600X1.000 | FAA0637956 | | | | |
| 3113744-01 | COUPLING-POWER TURBINE SHAFT | PKAAA077316 | | | | |
| 3116790-01 | LINER-COMB CHMBR INNER, ASYO | A0023YAR | | | | |
| 3116816-01 | BEARING-ROLLER, FLANGE | FCN173711 | | | | |
| 3118495-03 | GOVERNOR-PROPELLER | 14966772 | | | | |
| 3120663-01 | SHAFT-STUB-COMPRESSOR-ROTOR | RWA448A881 | EPEIB | | | |
| 3120632-04 | FUEL CONTROL UNIT | 14965285 | | | | |
| 3123229-01 | CASE ASY-Ø-GAS GENERATOR | RWA66A817 | | | | |
| Approved by Approved By | | B. HORVATH | | | | Date 2007.01.23 |

TC-448
NO. 022

Historique du matériel à durée de vie limitée Life Limited Material History Record

Numéro du dessin ST3582-01 - Drawing Number ST3582-01
 P&WC JR3-6834-E (8834) (2004-02)



Pratt & Whitney Canada
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 Pratt & Whitney Canada Corp.
 1000, Marie-Victorin
 Longueuil, Québec
 Canada J4G 1A1

Designation du matériel
 Material Name

IMPELLER-CENTRIFUGAL

N° du matériel
 Material No.

3036898

N° de série du matériel
 Material Serial No.

EAAA000C164

Code de traitement thermique
 Heat Code

PZBXF

Emis le (A-M-J)
 Issue Date (Y-M-D)

2007.01.23

N° de série du mat'l forgé
 Forging Mat'l. Serial No.

006

Temps depuis
 neur
 Time Since New

0

Cycles depuis
 neur
 Cycles Since New

0

Données sur le matériel - Material Data

Nota : Pour connaître les durées de vie accumulées et résiduelle du matériel, consulter le Manuel d'entretien du moteur ou le Bulletin de service approprié, selon le cas.

Note: For determination of accumulated and remaining lives on this material, refer to the engine Maintenance Manual or Service Bulletin, as applicable.

Temps de fonctionnement depuis l'installation du matériel
 Engine/Module TSN When Material Installed

N° de série du moteur / module
 Engine / Module Serial No.

0

PCE-RK0208

Modèle
 Model

PT6A-66

Temps de fonctionnement depuis l'enlèvement du matériel
 Eng / Module TSN When Material Removed

0

Cumul. de cette installation
 Accumulated This Installation

Temps - Time

Cycles

Cumul. jusqu'à présent
 Total Accumulated To Date

Temps - Time

Cycles

Date
 (A-M-J)
 (Y-M-D)

Observations
 (Installation d'entretien, de révision, Bulletin de vente et timbre du vérificateur)
 Remarks
 (Maintenance/Overhaul, Facility, Sales Order & Inspection stamp)

| Temps de fonctionnement depuis l'installation du matériel Engine/Module TSN When Material Installed | N° de série du moteur / module Engine / Module Serial No. | Modèle Model | Temps de fonctionnement depuis l'enlèvement du matériel Eng / Module TSN When Material Removed | Cumul. de cette installation Accumulated This Installation | | Cumul. jusqu'à présent Total Accumulated To Date | | Date (A-M-J) (Y-M-D) | Observations (Installation d'entretien, de révision, Bulletin de vente et timbre du vérificateur) Remarks (Maintenance/Overhaul, Facility, Sales Order & Inspection stamp) |
|--|--|-----------------|---|---|--------|---|--------|----------------------------|---|
| | | | | Temps - Time | Cycles | Temps - Time | Cycles | | |
| 0 | PCE-RK0208 | PT6A-66 | 0 | | | | | | |
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Insérer le présent historique dans le livre du moteur ou du module où la pièce est installée. - This record must be kept with the engine/module logbook where this part is installed.

Historique du matériel à durée de vie limitée Life Limited Material History Record

Numéro du dessin ST3582-01 - Drawing Number ST3582-01

P&WC JRS-6834-E (6834) (2004-02)



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1000, Marie-Victorin
Longueuil, Québec
Canada J4G 1A1

Désignation du matériel
Material Name

ROTOR-COMPRESSOR

Code de traitement thermique
Heat Code

KAWDA

Emiss le (A-M-J)
Issue Date (Y-M-D)

2007.01.23

N° du matériel
Material No.

3037001

N° de série du matériel
Material Serial No.

EAAAA000A098

N° de série du mat'l. forgé
Forging Mat'l. Serial No.

034

Temps depuis
neur
Time Since New

0

Cycles depuis
neur
Cycles Since New

0

Données sur le matériel - Material Data

Nota : Pour connaître les durées de Vie accumulées et résiduelle du matériel, consulter le Manuel d'entretien du moteur ou le Bulletin de service approprié, selon le cas.

Note: For determination of accumulated and remaining lives on this material, refer to the engine Maintenance Manual or Service Bulletin, as applicable.

| Temps de fonctionnement depuis l'installation du matériel Engine/Module TSN When Material Installed | N° de série du moteur / module Engine / Module Serial No. | Modèle Model | Temps de fonctionnement depuis l'enlèvement du matériel Eng / Module TSN When Material Removed | Curnul. de cette installation Accumulated This Installation | | Curnul. jusqu'à présent Total Accumulated To Date | | Date (A-M-J) (Y-M-D) | Observations (Installation d'entretien, de révision, Bulletin de vente et timbre du vérificateur) Remarks (Maintenance/Overhaul, Facility, Sales Order & inspection stamp) |
|--|--|-----------------|---|--|--------|--|--------|----------------------------|---|
| | | | | Temps - Time | Cycles | Temps - Time | Cycles | | |
| 0 | PCE-RK0208 | PT6A-66 | 0 | | | | | | |
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Insérer le présent historique dans le livre du moteur ou du module où la pièce est installée. - This record must be kept with the engine/module logbook where this part is installed.

Historique du matériel à durée de vie limitée Life Limited Material History Record

Numéro du dessin ST3582-01 - Drawing Number ST3582-01

P&WC JRC-6634-E 168341 (2004-02)



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Longueuil, Québec
Canada J4G 1A1

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|--|--|--|--|--|--|
| Designation du matériel Material Name DISC TURBINE | | Code de traitement thermique Heat Code LAKLT | | Emis le (A-M-J) Issue Date (Y-M-D) 2007.01.23 | |
| N° de série du matériel Material Serial No. 3037312 | | N° de série du mat', forgé Forging Mat'l. Serial No. 5548 | | Temps depuis neur Time Since New 0 | |
| A0024NWM | | 0 | | Cycles depuis neur Cycles Since New 0 | |

Données sur le matériel - Material Data

Nota : Pour connaître les durées de vie accumulées et résiduelle du matériel, consulter le Manuel d'entretien du moteur ou le Bulletin de service approprié, selon le cas.

Note: For determination of accumulated and remaining lives on this material, refer to the engine Maintenance Manual or Service Bulletin, as applicable.

| Temps de fonctionnement depuis l'installation du matériel Engine/Module SN When Material Installed | N° de série du moteur / module Engine / Module Serial No. | Modèle Model | Temps de fonctionnement depuis l'enlèvement du matériel Eng / Module TSN When Material Removed | Cumul. de cette installation Accumulated This Installation | | Cumul. jusqu'à présent Total Accumulated To Date | | Date (A-M-J) (Y-M-D) | Observations (Installation d'entretien, de révision, Bulletin de vente et timbre du vérificateur) Remarks (Maintenance/Overhaul, Facility, Sales Order & inspection stamp) |
|---|--|-----------------|---|---|--------|---|--------|----------------------------|---|
| | | | | Temps - Time | Cycles | Temps - Time | Cycles | | |
| 0 | PCE-RK0208 | PT6A-66 | 0 | | | | | | |
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Insérer le présent historique dans le livre du moteur ou du module où la pièce est installée. - This record must be kept with the engine/module logbook where this part is installed.

Historique du matériel à durée de vie limitée Life Limited Material History Record



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Numéro du dessin ST3582-01 - Drawing Number ST3582-01

P&WC JR3-6834-E (8834) (2004-02)

Désignation du matériel
Material Name

DISC-TURBINE

Code de traitement thermique
Heat Code

LAYAZ

Émis le (A-M-J)
Issue Date (Y-M-D)

2007.01.23

N° du matériel
Material No.

3037313

N° de série du mat. forgé
Forging Mat. Serial No.

5108

Temps depuis
neur
Time Since New

0

Cycles depuis
neur
Cycles Since New

0

N° de série du matériel
Material Serial No.

A0024149

Données sur le matériel - Material Data

Nota : Pour connaître les durées de vie accumulées et résiduelle du matériel, consulter le Manuel d'entretien du moteur ou le Bulletin de service approprié, selon le cas.

Note: For determination of accumulated and remaining lives on this material, refer to the engine Maintenance Manual or Service Bulletin, as applicable.

| Temps de fonctionnement depuis l'installation du matériel Engine/Module TSN When Material Installed | N° de série du moteur / module Engine / Module Serial No. | Modèle Model | Temps de fonctionnement depuis l'enlèvement du matériel Eng / Module TSN When Material Removed | Cumul. de cette installation Accumulated This Installation | | Cumul. jusqu'à présent Total Accumulated To Date | | Date (A-M-J) (Y-M-D) | Observations (Installation d'entretien, de révision, Bulletin de vente et timbre du vérificateur) Remarks (Maintenance/Overhaul, Facility, Sales Order & Inspection stamp) |
|--|--|-----------------|---|---|--------|---|--------|----------------------------|---|
| | | | | Temps - Time | Cycles | Temps - Time | Cycles | | |
| 0 | PCE-RK0208 | PT6A-66 | 0 | | | | | | |
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Insérer le présent historique dans le livre du moteur ou du module où la pièce est installée. - This record must be kept with the engine/module logbook where this part is installed.

Historique du matériel à durée de vie limitée Life Limited Material History Record



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Numéro du dessin ST3582-01 - Drawing Number ST3582-01

P&WC JR3-8934-E [8934] (2004-02)

Designation du matériel
Material Name

ROTOR COMPRESSOR

Code de traitement thermique
Heat Code

EPEEV

Emis le (A-M-J)
Issue Date (Y-M-D)

2007.01.23

Nota : Pour connaître les durées de vie accumulées et résiduelle du matériel, consulter le Manuel d'entretien du moteur ou le Bulletin de service approprié, selon le cas.

Note: For determination of accumulated and remaining lives on this material, refer to the engine Maintenance Manual or Service Bulletin, as applicable.

N° du matériel
Material No.

3040933

N° de série du matériel
Material Serial No.

TXA1B0891

N° de série du mat'l. forgé
Forging Mat'l. Serial No.

28

Temps depuis
neur
Time Since New

0

Cycles depuis
neur
Cycles Since New

0

Données sur le matériel - Material Data

Données sur le moteur / module - Engine / Module Data

Temps de fonctionnement depuis l'installation du matériel
Engine/Module TSN When Material Installed

0

N° de série du moteur / module
Engine / Module Serial No.

PCE-RK0208

Modèle
Model

PT6A-66

Temps de fonctionnement depuis l'enlèvement du matériel
Eng / Module TSN When Material Removed

0

Cumul. de cette installation
Accumulated This Installation

Temps - Time

Cycles

Cumul. jusqu'à présent
Total Accumulated To Date

Temps - Time

Cycles

Date
(A-M-J)
(Y-M-D)

Observations
(Installation d'entretien, de révision, Bulletin de vente et timbre du vérificateur)
Remarks
(Maintenance/Overhaul, Facility, Sales Order & Inspection stamp)

Insérer le présent historique dans le livre du moteur ou du module où la pièce est installée. - This record must be kept with the engine/module logbook where this part is installed.

Historique du matériel à durée de vie limitée Life Limited Material History Record

Numéro du dessin ST3582-01 - Drawing Number ST3582-01

P&WC JRS-6934-E (6834) (2004-02)



Pratt & Whitney Canada

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Longueuil, Québec
Canada J4G 1A1

Désignation du matériel
Material Name

ROTOR - COMPRESSOR

Code de traitement thermique
Heat Code

KAWDA

Emis le (A-M-J)
Issue Date (Y-M-D)

2007.01.23

Nota : Pour connaître les durées de vie accumulées et résiduelle du matériel, consulter le Manuel d'entretien du moteur ou le Bulletin de service approprié, selon le cas.

N° du matériel
Material No.

3040942

N° de série du mat'l. forgé
Forging Mat'l. Serial No.

152

Temps depuis
neur
Time Since New

0

Cycles depuis
neur
Cycles Since New

0

Note: For determination of accumulated and remaining lives on this material, refer to the engine Maintenance Manual or Service Bulletin, as applicable.

Données sur le moteur / module - Engine / Module Data

Données sur le matériel - Material Data

Temps de fonctionnement depuis l'installation du matériel
Engine/Module TSN When Material Installed

N° de série du moteur / module
Engine / Module Serial No.

PCE-RK0208

Modèle
Model

PT6A-66

Temps de fonctionnement depuis l'enlèvement du matériel
Eng / Module TSN When Material Removed

0

Cumul. de cette installation
Accumulated This Installation

Temps - Time

Cycles

Cumul. jusqu'à présent
Total Accumulated To Date

Temps - Time

Cycles

Date
(A-M-J)
(Y-M-D)

Observations
(Installation d'entretien, de révision, Bulletin de vente et timbre de vérificateur)
Remarks
(Maintenance/Overhaul, Facility, Sales Order & inspection stamp)

| | | | | | | | | | | | | | |
|---|------------|---------|---|--|--|--|--|--|--|--|--|--|--|
| 0 | PCE-RK0208 | PT6A-66 | 0 | | | | | | | | | | |
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Insérer le présent historique dans le livre du moteur ou du module où la pièce est installée. - This record must be kept with the engine/module logbook where this part is installed.

Historique du matériel à durée de vie limitée Life Limited Material History Record



Pratt & Whitney Canada

Une société de United Technologies / A United Technologies Company

Pratt & Whitney Canada Co. /
Pratt & Whitney Canada Corp.
1000, Marie-Victorin
Longueuil, Québec
Canada J4G 1A1

Numéro du dessin ST3582-01 - Drawing Number ST3582-01

P&WC JR3-8834-E (6634) (2004-02)

Désignation du matériel
Material Name

ROTOR - COMPRESSOR

Code de traitement thermique
Heat Code

KAWBM

Emis le (A-M-J)
Issue Date (Y-M-D)

2007.01.23

Nota : Pour connaître les durées de vie accumulées et résiduelle du matériel, consulter le Manuel d'entretien du moteur ou le Bulletin de service approprié, selon le cas.

Note: For determination of accumulated and remaining lives on this material, refer to the engine Maintenance Manual or Service Bulletin, as applicable.

N° du matériel
Material No.

3040944

N° de série du matériel
Material Serial No.

EAAA000A415

N° de série du mat'l forgé
Forging Mat'l. Serial No.

220

Temps depuis
neur
Time Since New

0

Cycles depuis
neur
Cycles Since New

0

Données sur le matériel - Material Data

Données sur le moteur / module - Engine / Module Data

Temps de fonctionnement depuis l'installation du matériel
Engine/Module TSN When Material Installed

0

N° de série du moteur / module
Engine / Module Serial No.

PCE-RK0208

Modèle
Model

PT6A-66

Temps de fonctionnement depuis l'enlèvement du matériel
Eng / Module TSN When Material Removed

0

Cumul. de cette installation
Accumulated This Installation

Temps - Time

Cycles

Cumul. jusqu'à présent
Total Accumulated To Date

Temps - Time

Cycles

Date
(A-M-J)
(Y-M-D)

Observations
(Installation d'entretien, de révision, Bulletin de vente et timbre du vérificateur)
Remarks
(Maintenance/Overhaul, Facility, Sales Order & Inspection stamp)

Insérer le présent historique dans le livre du moteur ou du module où la pièce est installée. - This record must be kept with the engine/module logbook where this part is installed.

Historique du matériel à durée de vie limitée

Life Limited Material History Record

Numéro du dessin ST3582-01 - Drawing Number ST3582-01

P&WC JRC-6834-E (08334) (2004-02)



Pratt & Whitney Canada
 Une société de United Technologies / A United Technologies Company

Pratt & Whitney Canada Cie. /
 Pratt & Whitney Canada Corp.
 1000, Marie-Victorien
 Longueuil, Québec
 Canada J4G 1A1

| Designation du matériel Material Name | | Code de traitement thermique Heat Code | | Emiss le (A-M-J) Issue Date (Y-M-D) | | | |
|---|--|---|--|---|--------|---|---|
| SHAFT-STUB, COMPRESSOR ROTOR | | EPEGJ | | 2007.01.23 | | | |
| N° du matériel Material No. | | N° de série du mat'l forgé Forging Mat'l. Serial No. | | Temps depuis neur Time Since New | | Cycles depuis neur Cycles Since New | |
| 3043063 | | PKAAA064041 | | 0 | | 0 | |
| Données sur le matériel - Material Data | | | | | | | |
| Temps de fonctionnement depuis l'installation du matériel Engine/Module TSN When Material Installed | N° de série du moteur / module Engine / Module Serial No. | Modèle Model | Temps de fonctionnement depuis l'enlèvement du matériel Eng / Module TSN When Material Removed | Cumul. de cette installation Accumulated This Installation | | Cumul. jusqu'à présent Total Accumulated To Date | |
| | | | | Temps - Time | Cycles | Temps - Time | Cycles |
| 0 | PCE-RK0208 | PT6A-66 | 0 | | | | |
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| | | | | Date (A-M-J) (Y-M-D) | | Observations (Installation d'entretien, de révision, Bulletin de vente et timbre du vérificateur) | |
| | | | | | | | (Maintenance/Overhaul, Facility, Sales Order & inspection stamp) |

Nota : Pour connaître les durées de vie accumulées et résiduelle du matériel, consulter le Manuel d'entretien du moteur ou le Bulletin de service approprié, selon le cas.

Note: For determination of accumulated and remaining lives on this material, refer to the engine Maintenance Manual or Service Bulletin, as applicable.

Insérer le présent historique dans le livre du moteur ou du module où la pièce est installée. - This record must be kept with the engine/module logbook where this part is installed.

Historique du matériel à durée de vie limitée Life Limited Material History Record

Numéro du dessin ST3582-01 - Drawing Number ST3582-01

P&WC JRS-6934-E 169341 (2004-02)



Pratt & Whitney Canada
Une société de United Technologies/A United Technologies Company

Pratt & Whitney Canada, Inc. /
Pratt & Whitney Canada Corp.
1000, Marie-Victorin
Longueuil, Québec
Canada J4G 1A1

Désignation du matériel
Material Name

DISC - TURBINE

Code de traitement thermique
Heat Code

EPEFV

Émis le (A-M-J)
Issue Date (Y-M-D)

2007.01.23

N° du matériel
Material No.

3053740-01

N° de série du mat'l forgé
Forging Mat'l. Serial No.

90

Temps depuis
neur
Time Since New

0

Cycles depuis
neur
Cycles Since New

0

Données sur le matériel - Material Data

Nota : Pour connaître les durées de vie accumulées et résiduelle du matériel, consulter le Manuel d'entretien du moteur ou le Bulletin de service approprié, selon le cas.

Note: For determination of accumulated and remaining lives on this material, refer to the engine Maintenance Manual or Service Bulletin, as applicable.

Temps de fonctionnement depuis l'installation du matériel
Engine/Module TSN When Material Installed

0

N° de série du moteur / module
Engine / Module Serial No.

PCE-RK0208

Modèle
Model

PT6A-66

Temps de fonctionnement depuis l'enlèvement du matériel
Eng / Module TSN When Material Removed

0

Cumul. de cette installation
Accumulated This Installation

Temps - Time

Cycles

Cumul. jusqu'à présent
Total Accumulated To Date

Temps - Time

Cycles

Date
(A-M-J)
(Y-M-D)

Observations
(Installation d'entretien, de révision, Bulletin de vente et timbre de vérification)
Remarks
(Maintenance/Overhaul, Facility, Sales Order & Inspection stamp)

Insérer le présent historique dans le livre du moteur ou du module où la pièce est installée. - This record must be kept with the engine/module logbook where this part is installed.

RECORDS COMPONENT TAG

NOMENCLATURE: Heater Oil to Fuel
DATE: 8-7-09 ATA: 73008
A/C NUMBER: W1625L ENGINE: RK0208

Installation Data

ACTT: 2603.5 ACTC: 1955
P/N ON: 3057249-01 S/N ON: WA 21893

POSITION: #1
TSN: 4099.7 CSN: 2991
TSO: \emptyset TSR: TSI: 3-30-05
CSO: \emptyset CSR: CSI:

REMOVED PART DATA

P/N OFF: 3057249-01 S/N OFF: WA 28693
TSN: 2603.5 CSN: 1955
TSO: TSR: TSI: 3-26-07
CSO: CSR: CSI:

LOG PAGE#: AML 678754 WO# 1671-116281 Repair Station # V2JR078L

AVANTAIR

FAA Repair Station V2JR078L

SERVICEABLE

Part Name Oil to Fuel Heater

Part Number 105881K

Serial Number WA21893

Eng. Model PT6A-66

AG-Tail Number

AG-Serial Number PCE-RK 0146

O/H Repaired Removed Serviceable

New Bench/Function Check

Life limited Parts Status

TSN 40997 CSN 2991

TSO Ø CSO Ø

TECHNICIAN SIGNATURE

Technicians Signature constitutes airworthiness release of part in accordance with Avantair GOM CH. 12.

Work Order # _____ Date 8/6/09

Technician (Signature) [Signature]

Employee # 587

AA-SERV _____ See reverse for description of service

Description of Services Performed

Installed on Aircraft: P-180

AC Model A11623L

AC Tail Number 1130

AC Serial Number 1671

Work Order # 8-6-09

Date: _____



Pratt & Whitney Canada

Une société de United Technologies / A United Technologies Company

Pratt & Whitney Canada Cie. /
Pratt & Whitney Canada Corp.
1000, Maréchal-Victorin
Longueuil, Québec, Canada
J4G 1A1
450-677-9411

Liste des composants moteur à numéros de série Engine Serialized Component Summary

P&WC JR3-8630-E (05-1898)

Page 1

| Modèle Model | PT6A-66 | N° de série Serial No. | PCE-RK0146 | Caract. de montage Build Spec NO. | BS677 | |
|-----------------------------------|--|---|--|--|--|--|
| N° du matériel Material Number | Désignation du matériel Material Name | N° de série Serial No. | Code de trait. thermique Heat Code | N° de série du matériel forgé Forging Serial No. | N° de lot pour trait. thermique Heat Treat Batch No. | N° de matériel du fournisseur Vendor Material No. |
| 3028004 | BEARING OPTION | BB0040164 BB0040165 | | | | |
| 3028455 | GEAR - SUN, 1ST STAGE REDUCTION, 26 TEET | PKAA002A299 | | | | |
| 3034806 | GEAR-PLANET,2ND STAGE,RDN,31 TEETH | PKAA019A473 PKAA019A476 PKAA019A477 PKAA019A479 PKAA019A490 | | | | |
| 3035889 | EXCITER-IGNITION | NNA05079307 | PZBNG | 099 | | |
| 3036898 | IMPELLER-CENTRIFUGAL | EAAA000L043 | EPDHT | 123 | | |
| 3037001 | ROTOR-COMPRESSOR | EAAA000K328 | | | | |
| 3037305 | GEAR-PLANET, 1ST STAGE REDUCTION | PKAA020A032 PKAA020A041 PKAA020A051 | | | | |
| 3037312 | DISC TURBINE | A001NFX9 | LATNB | 1721 | | |
| 3037313 | DISC-TURBINE | A001NEFA | LAUNN | 1991 | | |
| 3038472 | FLOW DIVIDER AND PURGE VALVE | 9959524107 007165 | | | | |
| 3040760 | PUMP-FUEL | NB8613 | | | | |
| 3040931 | COMPRESSOR-TURBINE STATOR,ASSY OF | EAAA000F874 | EPDBR | 15 | | |
| 3040933 | ROTOR COMPRESSOR | EAAA000K236 | EPDEH | 99 | | |
| 3040942 | ROTOR - COMPRESSOR | EAAA000K387 | EPDKM | 63 | | |
| 3040944 | ROTOR - COMPRESSOR | BTTYH01 | | | | |
| 3040982CL02 | VANE RING-POWER TURBINE | ND15022 | | | | |
| 3041123 | VANE RING-TURBINE | PKAA018A007 | EPDKD | 154 | | |
| 3043063 | SHAFT-STUB,COMPRESSOR ROTOR | A000A506 | | | | |
| 3043705-01 | HOUSING-POWER TURBINE STATOR | NR02233 | | | | |
| 3043825-01 | WIRING HARNESS - ELECTRICAL | A001MLNW | | | | |
| 3043919-01 | DUCT-TURBINE EXHAUST,ASYO | PKAA019A248 | | | | |
| 3053085-01 | GEAR - RING FIRST STAGE REDUCTION | A001N9P1 | EPDRL | 58 | | |
| 3053740-01 | DISC - TURBINE | EAAA000M103 | KAVWM | | | |
| 3054491-01 | SHAFT-PROPELLER | FTAA001A126 | | | | |
| 3055663-01 | LINER-COMB CHMBR, OUTER, ASYO | WA21893 | | | | |
| 3057249-01 | HEATER-OIL TO FUEL | AHX002929 | | | | |
| 3059835-01 | VALVE-COMPRESSOR BLEED, ASSY | PKAA018A492 | | | | |
| 3101419-01 | CARRIER-FIRST STAGE REDUCTION | BB0040540 | | | | |
| 3102227-01 | BEARING-BALL FLANGED | PKAA007A439 | | | | |
| 3106714-01 | ADAPTER-SPLINE, 1ST STAGE CARRIER | PKAA025A792 | | | | |
| 3107525-01 | COUPLING-POWER, TURBINE | PKAA022A423 | EPBSE | | | |
| 3108192-01 | COUPLING-FLEX, INNER, 2ND STAGE, RDN. | PKAA001A462 | | | | |
| 3108215-01 | GEAR-SUN, 2ND STAGE, RDN, (34 TEETH) | RWA07A345 | | | | |
| 3109028-01 | COUPLING-PROP. SHAFT | | | | | |

Cont'd

Robbed Parts Form

2. AUTHORIZATION REQUIREMENTS

ROB Control No. 9457
 Date 8/2/09
 Authorizing Duty Manager's Name: PAT GEORGAN Please Print
 Requested By William Galbraith Please Print

1. DEFECTIVE PART INFO

Aircraft No. N1538L Station PIE Date 8/2/09
 Defective Part Name o/l to Fuel HEATER
 Defective Part P/N 3057249-01
 Defective Part S/N 5462
 TSN 4675.0 TSO
 CSN
 Discrepancy Damaged
 Work Order # 1603

4. ROBBED FOR AND INSTALLED ON

Accomplish visual check of part for damage. fm
 ASSY S/N or Aircraft No. N1628L 1535L
 ASSY o/l to Fuel HEATER

3. ROBBED FROM

Aircraft No. N1628L ASSY Name
 Work Order # 1603
 Part Name: o/l to fuel HEATER ASSY S/N
 Part No. 3057249-01
 S/N N1628L
 TSN 2597.9 TSO
 CSN
 Station PIE Date 8/2/09
 Signature William Galbraith Cert # CPST#VJ5P078

DISTRIBUTION REQUIREMENTS

Copy 1 Remains with A/C Flight Log, AML or Spare Part. When robbed part has been replaced, return WHITE copy and all associated paperwork to Maintenance Records.
Copy 2 Attach to Robbed Part as proof of serviceability and retained in aircraft work package.
Copy 3 Serves as unserviceable parts tag and Must be attached to unserviceable part
Pink

5. REPLACEMENT FOR ROBBED PART

Part Number: 10585K
 Serial Number: WA21893
 TSN 0 TSO
 CSN 0
 Station PIE Date 8/6/09
 Signature William Galbraith Cert # CPST#VJ5P078
 Work Order # 1671

Robbed Parts Form

2. AUTHORIZATION REQUIREMENTS

ROB Control No. 9914
 Date 2/1/09
 Authorizing Duty Manager's Name: Pat [unclear]
 Requested By [unclear]
 Please Print

1. DEFECTIVE PART INFO

Aircraft No. 162 Station SW Date 2/1/09
 Defective Part Name 016-2186-11072
 Defective Part P/N 245 2849-01
 Defective Part S/N WA 28293
 TSN 2603-2 TSO
 CSN 1975 CSO
 Discrepancy 8/16/08 to support 016-2186-11072
 Work Order # 1621

4. ROBBED FOR AND INSTALLED ON

Accomplish visual check of part for damage.
 ASSY S/N or Aircraft No. PC 2 & 2114
 ASSY Engine
 Station SW Date 2/1/09
 Mechanic Signature [unclear] Cert # [unclear]
 Work Order # 1621

3. ROBBED FROM

Aircraft No. ENGINE SH PC 2114 ASSY Name
 Work Order # 1621 Part #
 Part Name: 016-2186-11072 ASSY S/N
 Part No. 10525K
 S/N WA 21293
 TSN [unclear] TSO
 CSN [unclear] CSO
 Station SW Date 2/1/09
 Signature [unclear] Cert # [unclear]

5. REPLACEMENT FOR ROBBED PART

Part Number:
 Serial Number:
 TSN
 TSO
 CSN
 Station Date
 Mechanic Signature Cert #
 Work Order #

DISTRIBUTION REQUIREMENTS

Copy 1 Remains with A/C Flight Log, AML or Spare Part. When robbed part has been replaced, return WHITE copy and all associated paperwork to Maintenance Records.
Copy 2 Attach to Robbed Part as proof of serviceability and retained in aircraft work package.
Copy 3 Serves as unserviceable parts tag and Must be attached to unserviceable part
Pink

10/c

| | |
|---|--|
| RECORDS COMPONENT TAG | |
| NOMENCLATURE: | Engine Fuel Control |
| Date: 03/26/2010 | ATA: 130006 |
| A/C NUMBER: N162SL | ENGINE: RK0208 |
| Installation Data | |
| ACTT: 3180.7 | ACTC: 2396 |
| P/N ON: 3120832-04 | S/N ON: 15236566 |
| POSITION: #1 | |
| TSN: | CSN: |
| TSO: <input checked="" type="checkbox"/> | TSR: <input type="checkbox"/> |
| TSI: | CSI: |
| REMOVED PART DATA | |
| P/N OFF: 3120832-04 | S/N OFF: 14965285 |
| TSN: 3180.7 | CSN: 2414 |
| TSO: | TSR: <input type="checkbox"/> |
| TSI: | CSI: <input type="checkbox"/> |
| LOG PAGE#: | AML 092953 WO# 4074-N162SL A&P 3180466 |

AUTHORIZED RELEASE CERTIFICATE FORM ONE

3. Form Tracking No. 2010-T336001-001

5. Work Order/Contract/Invoice
190506

1. Appr. Authority/Country: Transport Canada

2. Organization Name and Address:
Honeywell Aerospace Inc., 800 Aerospace Blvd., Slemon Park, PEI CANADA, C0B 2A0

6. Item: 1
7. Description: MAIN ENGINE CONTROL
8. Part No: 8063-016
9. Qty: 1
10. Serial/Batch No: 15236566
11. Status/Work: Overhauled

12. Remarks: See Attached Findings Report
Customer Part No: 3120832-04 *
Approved Technical Data Manual #: WG60089 Rev. 6 Date: 03/04/2008(dd/mm/yyyy)
Mod: A

Honeywell certifies that the work specified in block 11 and 12 was carried out in accordance with EASA 145 and with respect to that work, the aircraft component is considered ready for release to service under EASA approval number 145-7012
The work stated above has been performed in accordance with title 14, code of federal regulations part 43.17

Customer Instructions

Additional Information
OVERHAULED
TSO-0.0 HRS
ESN:RW0011

13a. Certifies the items identified above were manufactured in conformity to:
Approved design data and are in a condition for safe operation
Non-approved design data specified in Block 12.

14a. CAR 571.10 Maintenance Release
 Other regulation specified in Block 12
Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 has been performed in compliance with the *Canadian Aviation Regulations*.

13b. Signature: _____

14c. Approved Organization Number

13c. Approved Organization Number:

AMO Approval No. 20-91

13d. Name: _____

14d. Name: Dianne Doucette

14e. Date (dd/mm/yyyy): 24-Feb-2010

This certificate does not constitute authority to install the part
Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified
Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown

*Installer must cross-check eligibility with applicable technical data

Serial Number : 15236566
Repair Order : 2010-T336001-001
Repair Facility : Prince Edward Island

Final



Customer: PRATT & WHITNEY COMPONENT
Repair Order: 2010-T336001-001
Model No:
Part Number: 8063-016
Series:
Mods: A
Serial No: 15236566
Mod to Part No: 8063-016
Outgoing Series:
Outgoing Mods: A
Mod to S/N : 15236566
Mod to CPN: 3120832-04

Customer P/O: 190506

Induction Date: 05-Feb-2010
Shop Visits:
Days On Wing:
Days Since Last
Repair:

TIMES / CYCLES

Time Since New:
Time Since Overhaul:
Time Since Repair: unknown

Cycles Since New:
Cycles Since Overhaul:

CUSTOMER INFORMATION

Customer Part Number: 3120832-04

REMOVAL INFORMATION

Removal Type : Scheduled

WARRANTY INFORMATION

Return Type : Warranty Not Requested OEM Return (Woodward No Only):

RETURN REASON

Primary Removal Reason: OVERHAUL

Serial Number : 15238566
 Repair Order : 2010-T336001-001
 Repair Facility : Prince Edward Island

Final

INDUCTION FINDINGS

RECEIVING DATA

| | |
|---|---|
| Condition Received Text | SHIPPING CAP MISSING ON POWER LEVER. FCU RECEIVED IN GOOD CONDITION. |
| Match ticket PN & SN with Unit PN & SN | YES |
| Lead Seals Intact | YES |
| Whose Seals | Woodward |
| Lockwire Intact | YES |
| Fittings Received with unit | NO |
| Additional hardware received with unit | YES |
| Protective shipping block installed on driveshaft | Plastic |
| Shipping caps present | NO |
| External Damage (if Yes, include photos) | NO |
| Missing Hardware (Yes/No) | NO |

FAILURE DATA

Findings: FCU BEING OVERHAULED.

| Installed Part No. | Part Name | Qty | Disposition | Condition Code | Primary Failure |
|--------------------|----------------------|-----|-------------|---------------------------|-----------------|
| 1410-663 | Bearing | 1 | Replaced | Replaced 100% at Overhaul | N/A |
| | Removed PN: 1410-663 | | | | |
| 1410-632 | Bearing | 1 | Replaced | Replaced 100% at Overhaul | N/A |
| | Removed PN: 1410-632 | | | | |
| 1412-644 | Bearing | 4 | Replaced | Replaced 100% at Overhaul | N/A |
| | Removed PN: 1412-644 | | | | |
| 1367-044 | Seal | 1 | Replaced | Replaced 100% at Overhaul | N/A |
| | Removed PN: 1367-044 | | | | |
| 3058-076 | Seal | 1 | Replaced | Replaced 100% at Overhaul | N/A |
| | Removed PN: 3058-076 | | | | |
| 3058-120 | Seal | 1 | Replaced | Replaced 100% at Overhaul | N/A |
| | Removed PN: 3058-120 | | | | |
| 1031-404 | Screw | 1 | Replaced | Stripped | N/A |
| | Removed PN: 1031-404 | | | | |
| 5352-050(RWK) | Guide | 1 | Rotable | Replaced 100% at Overhaul | N/A |
| | Removed PN: 5352-050 | | | | |

Serial Number : 15236566
 Repair Order : 2010-T336001-001
 Repair Facility : Prince Edward Island

Final

TEST EVALUATION

| | |
|-------------------------|-------------|
| Test Tech ID | E630893 |
| Test Results Type | Final |
| Test Results | Passed |
| Test Date (dd/MMM/yyyy) | 24-Feb-2010 |
| Type of Final Test | Overhaul |

AUTHORIZING DOCUMENTS

| <u>DOCUMENT NUM</u> | <u>DOCUMENT REV</u> | <u>ACCOMPLISHMENT CODE</u> | <u>COMMENTS</u> |
|-------------------------|-------------------------|--------------------------------|-----------------|
| | | | |

SUMMARY

DISPOSITION

| |
|---|
| Workscope Recommended |
| Workscope Performed / Summary of Actions Taken |
| Action Taken Code |

RECOMMEND OVERHAUL IAW CMM.
 OUTGOING P/N:
 8063-016 REV A.
 FCU OVERHAULED IAW CMM WG 60089 REV 6.
 OUTGOING PART NUMBER:
 8063-016 REV A.
 Overhaul

DISPOSITION SUMMARY

| |
|--|
| Customer Confirmed Removal Reason |
| Confirmation Code (Woodward Only) |

None Given
 P - No reported problem

Pratt & Whitney Component Solutions, Inc.
 4905 Starha Drive
 Muskegon, MI 49441
 231-798-8464 Fax 231-798-0160



Pratt & Whitney

A United Technologies Company

Parts Distribution Center 800-872-1792

Invoice Packer 386515

Bill To: 1960

JSSI / JET SUPPORT SERVICES
 180 N. STETSON AVENUE
 SUITE 2900
 CHICAGO IL 60601
 USA

Ship To: 9534

AVANTAIR CMA
 575 AVIATION DR.

CAMARILLO CA 93010
 USA

| Warranty ID | SP | Ship Via | RFQ / SO# | Terms | Shipped | Work Order# | Customer P.O.# |
|-------------|----|----------|-----------|-------|---------|---------------------------|----------------|
| Campaign ID | SB | FEDEX P1 | SO158491 | N30 | 3/24/10 | Engine Serial # RK0208 | PO040747 |

QTY: 1 Part Number: 3120832-04 CONTROL UNIT TURBOPROP FUEL EXCHANGE
 PID: 2480653 S/N: 15236566 Cd: OH Tag: HNYWE Class: ESN: RW0011 Ref#:

Peter Q
 phone-312-644-4444
 please ship via fedex
 prepay and add

Pratt & Whitney Component Solutions, Inc.
4905 Starha Drive
Muskegon, MI 49441
231-798-8464 Fax 231-798-0150

Parts Distribution Center 800-872-1792



Pratt & Whitney

A United Technologies Company

| | |
|----------------|--------|
| Invoice Packer | 386515 |
|----------------|--------|

Bill To: 1960

JSSI / JET SUPPORT SERVICES
180 N. STETSON AVENUE
SUITE 2900
CHICAGO IL 60601
USA

Ship To: 9534

AVANTAIR CMA
575 AVIATION DR.

CAMARILLO CA 93010
USA

| Warranty ID | SP | Ship Via | RFQ / SO# | Terms | Shipped | Work Order# | Customer P.O.# |
|-------------|----|----------|-----------|-------|---------|---------------------------|----------------|
| Campaign ID | SB | FEDEX P1 | SO158491 | N30 | 3/24/10 | Engine Serial # RK0208 | PO040747 |

All returns, excluding cores, require a Return Material Authorization number. Contact your Customer Service Rep. at 231-799-6650 or email sparessupport@pw.com for RMA number before shipping.

Avantair Receiving Inspection Checklist

To be completed by authorized personnel only

Date: 3/25/10
 Inspector Name: CHARLIE MARTIN
 Facility: OMA

- Confirm the packaging of the part identifies the supplier or distributor and is free from alteration or damage.
- Packaging slip identifies vendor and type/name of parts enclosed.
- Parts adequately packaged to prevent damage during shipping.
- Verify actual part and accompanying documentation reflect the same information.
- Part numbers match.
- Serial numbers match.
- Verify Authorized Release Certificate is properly filled out and appropriately signed as well as traceable to an FAA approved source.
- Life limit times and/or cycles identified on Tag/Form (IF APPLICABLE)
- Verify that the life-limit or inspection interval has not expired. (IF APPLICABLE)
- Perform visual inspection of the part, looking for obvious defects, damage, etc...
- Verify any markings or data plates have not been tampered with or altered.
- Verify that any documents referenced on the Authorized Release Certificate are included with the part. (Tear down report, workorder, etc...) (IF APPLICABLE)
- Conduct random sampling of standard hardware and inspect for conformity
- Part Preserved (if applicable)
- No sign of contamination

LH

Part Description: FUEL CONTROL UNIT
 Part Number: 3120832-04
 Serial Number: 15236566
 Hours: 0.0
 Cycles: 0.0

OVER HALLIED

| | | |
|-------------------------------------|----------------------|-------------------------------|
| <input checked="" type="checkbox"/> | PART ACCEPTED | Inspector Initials: <u>CM</u> |
| <input type="checkbox"/> | PART REJECTED | Inspector Initials: |
| REASON FOR REJECTION | | |
| | | |

Inspector Signature: Charlie Martin
 Date signed: 3/25/10

RECORDS COMPONENT TAG

NOMENCLATURE:

Fuel pump

Date: 3/26/10

ATA:

73

A/C NUMBER: N11628L

ENGINE: RK0208

Installation Data

ACTT: 380.7

ACTC: 2414

P/N ON: 825601-5

S/N ON: 5685

POSITION: #1

TSN:

CSN:

TSO: *A*

TSR:

TSI:

CSO: *A*

CSR:

CSI:

REMOVED PART DATA

P/N OFF: 3040760

S/N OFF: 008132

TSN:

CSN:

TSO:

TSR:

TSI:

CSO:

CSR:



CSI:

LOG PAGE#:

AML 092953WO# 4074-N11628L

A&P 3180466

**BON DE SORTIE AUTORISÉE
AUTHORIZED RELEASE CERTIFICATE
FORM ONE**

| | | | |
|---|--|---|----------------------|
| 1. Autorité de l'aviation civile / Pays qui approuve le bon de sortie Approving Civil Aviation Authority / Country Transport Canada Transport Canada | | 2. N° de suivi du formulaire - Form Tracking No. 8000085212/20293964 | |
| 4. Nom et adresse de l'organisme - Organization Name & Address  Pratt & Whitney Canada Une société de United Technologies / A United Technologies Company Pratt & Whitney Canada Corp. Accessoires Services 333 rue d'Aviation Longueuil, Québec Canada, J4H 3Y3 | | 5. Bon de travail/contrat/facture - Work Order/Contract/Invoice 6197297-0020 | |
| 6. Article Item 0001 | 7. Description PUMP ASSEMBLY FUEL MAIN ENGINE | 8. Numéro de pièce Part No. 825601-5 | 9. Cité City 0001 |
| 10. N° de série/de lot Serial/Batch No. 5685 | | 11. Situation / Travail Status / Work OVERHAULED | |
| 12. Remarques - Remarks Component(s) Overhauled in accordance with: CMM 825600 REV.01 Refer to Component Condition Report Attached for Parts replaced and additional information. | | | |
| *Work has been carried-out in accordance with: USA regulations CFR Title 14, Part 43.17 EU regulations EASA Part-145 under approval No. EASA.145.7098 China regulations CCAR145 under CAAC approval No. F01100154 South Korea regulations FSR Part 6 under KCASA approval No. 2006-AMO F06 | | | |
| TTSN N/A | | TTSO 0.0 | |
| 13a. Le présent bon de sortie certifie que les articles indiqués ci-dessus ont été construits conformément à : Certifies that the items identified above were manufactured in conformity to: <input type="checkbox"/> Des données de conception approuvées et qui ils peuvent être utilisés en toute sécurité. Approved design data and are in condition for safe operation. <input type="checkbox"/> Des données de conception non-approuvées indiquées à la case 12. Non approved design data specified in block 12. | | | |
| 13b. Signature  | | 14a. <input checked="" type="checkbox"/> RAC 571.10 (Certification après maintenance) - CAR 571.10 Maintenance Release. <input checked="" type="checkbox"/> Autre réglementation précisée à la case 12 - Other regulation specified in block 12. Le présent bon de sortie certifie que, sauf indication contraire à la case 12, le travail indiqué à la case 11 et décrit à la case 12, a été effectué conformément au Règlement de l'aviation canadien. Certifies that, unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations. | |
| 13c. Numéro de l'organisme agréé Approved Organization Number (JJMM/AAAA-DDMM/YY) | | 14c. Numéro de l'organisme agréé Approved Organization No. AMO 20-00 | |
| 13d. Nom - Name * Responsabilités du monteur S. GREGORY | | 14d. Date (JJMM/AAAA-DDMM/YY) 05/MAR/2010 | |

* Installer Responsibilities

This certificate does not constitute authority to install.
 Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified.
 Statements in block 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.

Le présent bon de sortie ne constitue pas une autorisation de montage.
 Le monteur qui travaille conformément à la réglementation d'un pays autre que celui spécifié à la case 1 doit s'assurer que la réglementation en question reconnaît la certification du pays ainsi spécifié.
 Les déclarations des cases 13a et 14a ne constituent pas une certification de montage. Dans tous les cas, le dossier technique de l'aéronef doit inclure une certification de montage délivrée conformément à la réglementation nationale qui s'applique, avant que l'aéronef puisse voler.

P&WC JR3_0044_E (2009-09)

Relevé d'état de composants - Component Summary Condition Report

En état de livraison - As Received Condition

Numéro de certification pour suivi d'imprimé: 8000085212/20293964
 Form Tracking Number of Certification:

Client: P&WC Component Solutions Inc.
 Customer:

N° de bon de commande du Client: 191621
 Customer PO Number:

N° de la pièce: 825601-5
 Part Number:

N° de série: 5685
 Serial Number:

TSO: None

Essayé en état de livraison - Tested as Received: None

Raison de la dépose émis par le client
 Customer Stated Reason for Removal
OVERHAUL

N° de bon de commande: 6197297 -0020
 P&WC Sales Order No.:

Employé des ventes: ALAN HAYES
 Sales Employee:

Date de création du bon de commande client: 2010.02.16
 Customer PO Creation Date:

Description de la pièce: PUMP ASSEMBLY FUEL MAIN ENGINE
 Part Description:

Modèle de moteur: PT6A-60A
 Engine Model:

A.T.A: ARG73-10-12

Liste des pièces remplacées - List of Parts Replaced

| Nouvelles pièces - New Parts | | |
|--|------------|---|
| Description de la pièce - Part Description | Qté Qty | Raison du remplacement - Reason for Replacement |
| KIT, OVERHAUL | 1 | Standard Replacement |
| PLUG SCREW THREAD | 1 | Missing as received |

Numéro de matériel sortant
 Outgoing Material Number

825601-5

Numéro de P&WC matériel sortant
 Outgoing P&WC Material Number

3040760

Retour des pièces inutilisables au client - Return Unserviceable Parts to Customer

Retour des pièces inutilisables au client:
 Return Unserviceable Parts to Customer: Yes

Date de la disposition des pièces inutilisables par P&WC:
 Date of Unserviceable Part Disposition by P&WC:

AB 31

FRANÇOIS POISSON

MAR 05 2010

Approval - Approval:

Pratt & Whitney Component Solutions, Inc.
4805 Starha Drive
Muskegon, MI 49441
231-798-8484 Fax 231-798-0160

Parts Distribution Center 800-872-1792



Pratt & Whitney

A United Technologies Company

Invoice Packer **386514**

Bill To: 1960

JSSI / JET SUPPORT SERVICES
180 N. STETSON AVENUE
SUITE 2900
CHICAGO IL 60601
USA

Ship To: 9534

AVANTAIR CMA
575 AVIATION DR.
CAMARILLO CA 93010
USA

| Warranty ID | SP | Ship Via | RFQ / SO# | Terms | Shipped | Work Order# | Customer P.O.# |
|-------------|----|----------|-----------|-------|---------|---------------------------|----------------|
| Campaign ID | SB | FEDEX P1 | SO158492 | N30 | 3/24/10 | Engine Serial # RK0208 | PO040748 |

QTY: 1 Part Number: 825601-5 PUMP FUEL EXCHANGE
PID: 2496243 S/N: 5685 Cd: OH Tag: PWCAC Class: ESN: PK0415 Ref#:

Peter Q
phone-312-644-4444
please ship via fedex
prepay and add

Pratt & Whitney Component Solutions, Inc.
 4905 Starha Drive
 Muskegon, MI 49441
 231-798-8464 Fax 231-798-0160

Parts Distribution Center 800-872-1782



Pratt & Whitney

A United Technologies Company

Invoice Packer 386514

Bill To: 1960

JSSI / JET SUPPORT SERVICES
 180 N. STETSON AVENUE
 SUITE 2900
 CHICAGO IL 60601
 USA

Ship To: 9534

AVANTAIR CMA
 575 AVIATION DR.

CAMARILLO CA 93010
 USA

| Warranty ID | SP | Ship Via | RFQ / SO# | Terms | Shipped | Work Order# | Customer P.O.# |
|-------------|----|----------|-----------|-------|---------|---------------------------|----------------|
| Campaign ID | SB | FEDEX P1 | SO158492 | N30 | 3/24/10 | Engine Serial # RK0208 | PO040748 |

| | | | | | | | |
|--|--|--|--|--|--|--|--|
| | | | | | | | |
|--|--|--|--|--|--|--|--|

All returns, excluding cores, require a Return Material Authorization number. Contact your Customer Service Rep at 231-799-6630 or email gp.pwc.sparesupport@pwc.ca for RMA number before shipping.

Avantair Receiving Inspection Checklist

To be completed by authorized personnel only

Date: 3/25/10
Inspector Name: CHARLIE MARZU
Facility: CMA

- Confirm the packaging of the part identifies the supplier or distributor and is free from alteration or damage.
- Packaging slip identifies vendor and type/name of parts enclosed.
- Parts adequately packaged to prevent damage during shipping.
- Verify actual part and accompanying documentation reflect the same information.
- Part numbers match.
- Serial numbers match.
- Verify Authorized Release Certificate is properly filled out and appropriately signed as well as traceable to an FAA approved source.
- Life limit times and/or cycles identified on Tag/Form (IF APPLICABLE)
- Verify that the life-limit or inspection interval has not expired. (IF APPLICABLE)
- Perform visual inspection of the part, looking for obvious defects, damage, etc...
- Verify any markings or data plates have not been tampered with or altered.
- Verify that any documents referenced on the Authorized Release Certificate are included with the part. (Tear down report, workorder, etc...) (IF APPLICABLE)
- Conduct random sampling of standard hardware and inspect for conformity
- Part Preserved (if applicable)
- No sign of contamination

Part Description: LH FUEL CONTROL PUMP
Part Number: 825601-5
Serial Number: 5685
Hours: 0-0
Cycles: 0-0

OVERHAULED

| | | |
|-------------------------------------|---------------|-------------------------------|
| <input checked="" type="checkbox"/> | PART ACCEPTED | Inspector Initials: <i>CM</i> |
| <input type="checkbox"/> | PART REJECTED | Inspector Initials: |
| REASON FOR REJECTION | | |
| | | |

Inspector Signature: *Charlie Marzu*
Date signed: 3/25/10



P.180 AVANTI ENGINE GROUND RUN CHECK SHEET

Airplane Serial No: 1131 Reg. No: N653L Flying Hrs: 5960.8

LH Engine Ser. No: PCERK-0208 Operating Hrs. TT: 5982.2 TSO 1989.8

RH Engine Ser. No: PCERK-0207 Operating Hrs. TT: 5982.2 TSO 1989.8

LH Propeller Ser. No: KV-038 Operating Hrs. TT: 7817.3 TSO 1989.8

RH Propeller Ser. No: HF-223 Operating Hrs. TT: 4792.4 TSO 1808.2

Amb. Temp: 28°C Barom. Press: 30.00hg Date: 8-7-12 Time: 2200

Test Engineer 1: 5021 Rivera Test Engineer 2: James Sogersen

Reason for Ground Run: cool Eng. Hot section

Checks required (delete checks not required):

Check No: 1 2 3 4 5 6 7 8 9 10 11 12 13

| Check No. | Check | Required | Observed |
|-----------|---|--|--|
| 1 | ENGINE START ITT 1000°C max (5 sec. limit) | | 709 73.2 |
| 2 | IDLE SPEED CHECK (Required values from Fig. 505) | Ground Idle % Ng Flight Idle % Ng | 53.9 54.0 70.8 71.2 |
| 3 | GENERATOR CHECK | On Line Before 60% Ng Output Positive Reading Bus Volts 27.5 to 28 | ✓ ✓ 27.9 28.0 |
| 4 | MAX. PROP. SPEED CHECK | Np 2000 ± 10 | 1995 1990 |
| 5 | FEATHERING CHECK (difference in readings) Ng | 0.3% or less | 0 0 |
| 6 | AUTOFEATHER CHECK (write yes or no under observed) | Correct function | ✓ ✓ |
| 7 | UNDERSPEED FUEL GOVERNING CHECK | Np 1900 ± 20 rpm | 1885 1880 |
| 8 | CHECK FOR INTERFERENCE BETWEEN NORMAL GOVERNING AND OVERSPEED OF THE PROPELLER GOVERNOR | Tq 67.3 % Ng No more than 0.4 % higher (reading difference) | ✓ ✓ ✓ |
| 9 | OVERSPEED GOVERNOR CHECK | Governed Np 1840 ± 20 rpm | 1826 1820 |
| 10 | OIL PRESSURE CHECK | 90-135 psig | 100 103 |
| 11 | ENGINE PERFORMANCE CHECK (Required values from Fig. 511) | Target Tq Max ITT Max Ng Max Wf | 98% 98% 760 760 98.4 98.3 598 598 |
| 12 | ENGINE SHUTDOWN AND RUNDOWN CHECK | Run-down Time 20 secs. min. | ✓ ✓ |
| 13 | AFTER SHUTDOWN CHECK | No leaks | ✓ ✓ |

EFFECTIVITY:

TT = Total Time TSO = Time Since Overhaul

71-00-00

Engine Logbook POWER SECTION MODULE LOG BOOK



4. Approved organization name and address - Nom et adresse de l'organisme agréé
Pratt & Whitney Canada
 Une société de United Technologies/A United Technologies Company
 Pratt & Whitney Canada Cie./Pratt & Whitney Canada Corp
 4045 - 26 AVE. NORTH
 LETTBRIDGE, ALBERTA
 T1H 6G2

5. Work order/contract/invoice -
 Bon de travail/contrat/facture
P.O.# 4000383390

| | | | | | | |
|---------------|--|--------------------------------------|---|---------------------|---|--|
| 6. Item 01 | 7. Description Free Turbine Turbo-Prop PT6A-66 | 8. Part No. - N° de pièce 3037000 | 9. Eligibility* - Admissibilité* VARIOUS | 10. Qty - Qtée 1 | 11. Serial/patch No. - N° de série/de lot PCE-RK0208 | 12. Status/work - État/travail MANUFACTURED |
|---------------|--|--------------------------------------|---|---------------------|---|--|

13. Remarks - Remarques
CANADIAN TYPE CERTIFICATE E-21, FAA TYPE CERTIFICATE E26NE
THIS ENGINE CONFORMS TO ITS UNITED STATES TYPE DESIGN (TYPE CERTIFICATE NUMBER E26NE) AND IS IN CONDITION FOR SAFE OPERATION.
THIS ENGINE HAS BEEN SUBJECTED BY THE MANUFACTURER TO A FINAL OPERATION CHECK AND IS IN A PROPER STATE OF AIRWORTHINESS.

THIS CERTIFIES THAT THE ITEM IDENTIFIED ABOVE WAS MANUFACTURED IN CONFORMITY TO EASA APPROVED DESIGN DATA AS IDENTIFIED IN IM.E.008 AND IS IN A CONDITION FOR SAFE OPERATION.
THIS ENGINE MEETS ALL ADDITIONAL REQUIREMENTS PRESCRIBED BY EASA AS NOTIFIED, INCLUDING COMPLIANCE WITH APPLICABLE IMPORTING AUTHORITY AIRWORTHINESS DIRECTIVES.

14. Certifies that the items identified above were manufactured in conformity to:
 Le présent bon certifie que les articles indiqués ci-dessus ont été construits conformément à :

Approved design data and are in condition for safe operation.
 des données de conception approuvées et qu'ils doivent être utilisés en toute sécurité.

Non Approved design data specified in block 13. -
 des données de conception non approuvées indiquées à la case 13.

15. Authorized signature - Signature autorisée
Mick Ford

16. Certificate / Approval Ref. No. -
 N° d'agrément/autorisation
 T.C. 4-88
 NO. 028

17. Name - Nom
ALTON

18. Date (dd/mm/yyyy)
24 JAN 2007

19. ~~19. Certifies that, except where otherwise specified in block 13, the work identified in block 12 and described in block 13 was performed in accordance with CAR 571.
 Le présent bon certifie que, à moins d'indication contraire apparaissant à la case 13, le travail indiqué à la case 12 et décrit à la case 13 a été effectué conformément au RAC 571.~~

20. Authorized signature - Signature autorisée
~~21. Certificate / Approval ref. No. -
 N° d'agrément/autorisation~~

22. Name
~~23. Date (dd/mm/yyyy)~~

24-0078 (12/09/2001) / P&WC 5720 (2005-03) * Installer must cross-check eligibility with approved data. - *Le monteur doit contre-vérifier l'admissibilité avec les données approuvées

1. The present document n'autorise aucunement le montage de la pièce. - 1. This document does not constitute authority to install the part.
 2. Si le monteur se base sur la réglementation nationale d'une autorité de navigabilité autre que celle indiquée à la case 1, il doit s'assurer que l'autorité de navigabilité dont il relève accepte les produits ou les travaux de maintenance de l'autorité de navigabilité indiquée à la case 1. - 2. Where the installer works in accordance with the national regulations of an airworthiness authority other than the authority specified in block 1, the installer must ensure that his/her airworthiness authority accepts products or maintenance from the airworthiness authority specified in block 1.

3. Les données des cases 14 et 19 ne constituent en aucune façon une certification de montage. Dans tous les cas, le dossier technique de l'aéronef doit renfermer une certification de montage délivrée conformément à la réglementation de l'État d'immatriculation, et ce, avant que tout vol puisse avoir lieu. - 3. Statements 14 and 19 do not constitute installation certification. In all cases the aircraft technical record must contain an installation certification, issued in accordance with the national regulations of the state of registry, before the aircraft may be flown.

Index of Engine Documentation

Engine Number: PCE- RK0208

| Document Name | Quantity of Documents |
|--|---|
| Final Acceptance Test Record Sheet | 1 |
| Engine Serialized Component Summary | (Quantity of set) X (Quantity per set) 1 X 3 |
| Life Limited Material History Record | 9 |
| Life Limited Blades History Record (when applicable) | N/A |
| Supplementary Information Sheet (when applicable) | N/A |
| Engine Airworthiness Directive Sheet | 2 Note: One copy inserted in section four of each Yellow Log Book. |
| Engine Build Record Status Report (SB) | (Quantity of set) X (Quantity per set) 1 X 1 Note: One copy is inserted into section five of the Yellow Gas Generator Log Book. |
| Engine Log Book (Yellow Book) | 2 |
| Final Vibration Survey (when applicable) | N/A |
| Authorized Released Certificate (Form 24-0078) | 1 |
| Date | January 23, 2007 |

Note: This index reflects the quantity of Shipping Documentation supplied with the engine.

P.180 AVANTI ENGINE GROUND RUN CHECK SHEET

Airplane Serial No: 1131 Reg. No: N1635L Flying Hrs: 5848.1
 LH Engine Ser. No: PCERK-0208 Operating Hrs. TT: 5836.3 TSO 1877.9
 RH Engine Ser. No: PCERK-0207 Operating Hrs. TT: 5836.3 TSO 1877.9
 LH Propeller Ser. No: KU-038 Operating Hrs. TT: 7705.9 TSO 1877.9
 RH Propeller Ser. No: HF-306 Operating Hrs. TT: 5879.0 TSO 2756.6
 Amb. Temp: 31°C Barom. Press: 29.82 Date: 7/8/12 Time 2600
 Test Engineer 1: C. R. Johnson Test Engineer 2: B. Byers
 Reason for Ground Run: Pre Run "B-CHECK"

Checks required (delete checks not required):

Check No: 1 2 3 4 5 6 7 8 9 10 11 12 13

| Check No. | Check | Required | Observed | |
|-----------|--|--|----------|--------|
| | | | Left | Right |
| 1 | <u>ENGINE START</u> | ITT 1000°C max (5 sec. limit) | 604 | 761 |
| 2 | <u>IDLE SPEED CHECK</u> (Required values from Fig. 505) | Ground Idle 53.4 % Ng | 53.5 | 53.1 |
| | | Flight Idle 70.4 % Ng | 70.1 | 70.8 |
| 3 | <u>GENERATOR CHECK</u> | On Line Output Bus Volts Before 60% Ng Positive Reading 27.5 to 28 | 28 | 28 |
| 4 | <u>MAX. PROP. SPEED CHECK</u> | Np 2000 ± 10 | 1990 | 1990 |
| 5 | <u>FEATHERING CHECK</u> (difference in readings) Ng | 0.3% or less | 1 | 0 |
| 6 | <u>AUTOFEATHER CHECK</u> (write yes or no under observed) | Correct function | YES | YES |
| 7 | <u>UNDERSPEED FUEL GOVERNING CHECK</u> | Np 1900 ± 20 rpm | 1900 | 1900 |
| 8 | <u>CHECK FOR INTERFERENCE BETWEEN NORMAL GOVERNING AND OVERSPEED FUEL GOVERNING FUNCTIONS OF THE PROPELLER GOVERNOR</u> (reading difference) | Tq 67.3 % | | |
| | | Ng No more than 0.4 % higher | 0 | 1 |
| 9 | <u>OVERSPEED GOVERNOR CHECK</u> | Governed Np 1840 ± 20 rpm | 1825 | 1820 |
| 10 | <u>OIL PRESSURE CHECK</u> | 90-135 psig | 98 | 101 |
| 11 | <u>ENGINE PERFORMANCE CHECK</u> (Required values from Fig. 511) | Target Tq 97.7 lb. ft. | 97.7 | 97.9 |
| | | Max ITT 775 °C | 718 | 765 |
| | | Max Ng 100 % | 94.4 | 97.9 |
| | | Max Wf 625 PPH | 620 | 601 |
| 12 | <u>ENGINE SHUTDOWN AND RUNDOWN CHECK</u> | Rundown Time 20 secs. min. | 30 sec | 30 sec |
| 13 | <u>AFTER SHUTDOWN CHECK</u> | No leaks | NO | NO |

TT = Total Time

TSO = Time Since Overhaul

EFFECTIVITY:



P.180 AVANTI ENGINE GROUND RUN CHECK SHEET

Airplane Serial No: 1131 Reg. No: N1635C Flying Hrs: 5548.4
 LH Engine Ser. No: PCEALC-0209 Operating Hrs. TT: 5836.3 TSO 18724
 RH Engine Ser. No: PCEALC-0207 Operating Hrs. TT: 5836.3 TSO 18724
 LH Propeller Ser. No: KU038 Operating Hrs. TT: 7705.4 TSO 1877.9
 RH Propeller Ser. No: HP 306 Operating Hrs. TT: 8879.0 TSO 2756.6
 Amb. Temp: 27°C Barom. Press: 30.00 Date: 7/10/12 Time 1800
 Test Engineer 1: C. Richards Test Engineer 2: C. White
 Reason for Ground Run: Post Run "B-check"

Checks required (delete checks not required):

Check No: 1 2 3 4 5 6 7 8 9 10 11 12 13

| Check No. | Check | Required | Observed | |
|-----------|---|--|-------------------------|-------------------------|
| | | | Left | Right |
| 1 | <u>ENGINE START</u> | ITT 1000°C max (5 sec. limit) | <u>608</u> | <u>761</u> |
| 2 | <u>IDLE SPEED CHECK</u> (Required values from Fig. 505) | Ground Idle <u>53.8</u> % Ng | <u>53.9</u> | <u>54.1</u> |
| | | Flight Idle <u>70.6</u> % Ng | <u>71.1</u> | <u>70.7</u> |
| 3 | <u>GENERATOR CHECK</u> | On Line Output Bus Volts Before 60% Ng Positive Reading 27.5 to 28 | <u>28</u> | <u>28</u> |
| 4 | <u>MAX. PROP. SPEED CHECK</u> | Np 2000 ± 10 | <u>1945</u> | <u>1990</u> |
| 5 | <u>FEATHERING CHECK</u> (difference in readings) Ng | 0.3% or less | <u>0</u> | <u>.1</u> |
| 6 | <u>AUTOFEATHER CHECK</u> (write yes or no under observed) | Correct function | <u>YES</u> | <u>YES</u> |
| 7 | <u>UNDERSPEED FUEL GOVERNING CHECK</u> | Np 1900 ± 20 rpm | <u>1900</u> | <u>1900</u> |
| 8 | <u>CHECK FOR INTERFERENCE BETWEEN NORMAL GOVERNING AND OVERSPEED FUEL GOVERNING FUNCTIONS OF THE PROPELLER GOVERNOR</u> (reading difference) | Tq 67.3 % | | |
| | | Ng No more than 0.4 % higher | <u>.1</u> | <u>.0</u> |
| 9 | <u>OVERSPEED GOVERNOR CHECK</u> | Governed Np 1840 ± 20 rpm | <u>1825</u> | <u>1820</u> |
| 10 | <u>OIL PRESSURE CHECK</u> | 90-135 psig | <u>103</u> | <u>106</u> |
| 11 | <u>ENGINE PERFORMANCE CHECK</u> (Required values from Fig. 511) | Target Tq <u>96.8</u> lb. ft. | <u>96.8</u> | <u>96.8</u> |
| | | Max ITT <u>775</u> °C | <u>743</u> | <u>755</u> |
| | | Max Ng <u>99</u> % | <u>97.3</u> | <u>97.8</u> |
| | | Max Wf <u>625</u> PPH | <u>599</u> | <u>614</u> |
| 12 | <u>ENGINE SHUTDOWN AND RUNDOWN CHECK</u> | Rundown Time 20 secs. min. | <u>30_{sec}</u> | <u>35_{sec}</u> |
| 13 | <u>AFTER SHUTDOWN CHECK</u> | No leaks | <u>NO</u> | <u>NO</u> |

TT = Total Time

TSO = Time Since Overhaul

EFFECTIVITY:

| P.180 AVANTI ENGINE GROUND RUN CHECK SHEET | | | | | | | | | | | | | |
|---|---|-------------------------------------|--------------------------------|---------------------------------|------|---|---|---|---|----|----|----|----|
| Airplane Serial No: _____ | | Reg. No: _____ | | Flying Hrs: _____ | | | | | | | | | |
| LH Engine Ser. No: _____ | | Operating Hrs. TT: _____ | | TSO _____ | | | | | | | | | |
| RH Engine Ser. No: _____ | | Operating Hrs. TT: _____ | | TSO _____ | | | | | | | | | |
| LH Propeller Ser. No: _____ | | Operating Hrs. TT: _____ | | TSO _____ | | | | | | | | | |
| RH Propeller Ser. No: _____ | | Operating Hrs. TT: _____ | | TSO _____ | | | | | | | | | |
| Amb. Temp: _____ | | Barom. Press: _____ | | Date: <u>1-17-09</u> Time _____ | | | | | | | | | |
| Test Engineer 1: <u>D. CURMAN</u> | | Test Engineer 2: <u>J. TROMBLEY</u> | | | | | | | | | | | |
| Reason for Ground Run: _____ | | | | | | | | | | | | | |
| Checks required (delete checks not required): | | | | | | | | | | | | | |
| Check No: | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| Check No. | Check | Required | Observed | | | | | | | | | | |
| | | | Left | Right | | | | | | | | | |
| 1 | <u>ENGINE START</u> | ITT | 1000°C max (5 sec. limit) | 833 | 715 | | | | | | | | |
| 2 | <u>IDLE SPEED CHECK</u> (Required values from Fig. 505) | Ground Idle | <u>55.4</u> % Ng | 55.8 | 55.4 | | | | | | | | |
| | | Flight Idle | <u>72.4</u> % Ng | 73.6 | 73.0 | | | | | | | | |
| 3 | <u>GENERATOR CHECK</u> | On Line | Before 60% Ng | | | | | | | | | | |
| | | Output Bus Volts | Positive Reading 27.5 to 28 | 27.6 | 27.6 | | | | | | | | |
| 4 | <u>MAX. PROP. SPEED CHECK</u> | Np | 2000 ± 10 | 2005 | 2006 | | | | | | | | |
| 5 | <u>FEATHERING CHECK</u> | (difference in readings) Ng | 0.3% or less | 0 | 11 | | | | | | | | |
| 6 | <u>AUTOFEATHER CHECK</u> | (write yes or no under observed) | Correct function | Yes | Yes | | | | | | | | |
| 7 | <u>UNDERSPEED FUEL GOVERNING CHECK</u> | Np | 1900 ± 20 rpm | | | | | | | | | | |
| 8 | <u>CHECK FOR INTERFERENCE BETWEEN NORMAL GOVERNING AND OVERSPEED FUEL GOVERNING FUNCTIONS OF THE PROPELLER GOVERNOR</u> (reading difference) | Tq | 67.3 % | | | | | | | | | | |
| | | Ng | No more than 0.4% higher | | | | | | | | | | |
| 9 | <u>OVERSPEED GOVERNOR CHECK</u> | Governed Np | 1840 ± 20 rpm | 1866 | 1860 | | | | | | | | |
| 10 | <u>OIL PRESSURE CHECK</u> | | 90-135 psig | 103 | 107 | | | | | | | | |
| 11 | <u>ENGINE PERFORMANCE CHECK</u> (Required values from Fig. 511) | Target Tq | <u>2200</u> lb. ft. | | | | | | | | | | |
| | | Max ITT | <u>705</u> °C | 720 | 713 | | | | | | | | |
| | | Max Ng | <u>96.2</u> % | 95.3 | 94.8 | | | | | | | | |
| | | Max Wf | <u>615</u> PPH | 606 | 598 | | | | | | | | |
| 12 | <u>ENGINE SHUTDOWN AND RUNDOWN CHECK</u> | Rundown Time | 20 secs. min. | | | | | | | | | | |
| 13 | <u>AFTER SHUTDOWN CHECK</u> | | No leaks | | | | | | | | | | |

TT = Total Time

TSO = Time Since Overhaul

EFFECTIVITY:

71-00-00

| P.180 AVANTI ENGINE GROUND RUN CHECK SHEET | | | | | | | | | | | | |
|---|---|----------------------------|--|---------------------------------------|--------------------------------|------------|-------------------------------------|-------------------------------------|-------------|-------------|--|--|
| Airplane Serial No: _____ | | Reg. No: <u>N162SL</u> | | Flying Hrs: _____ | | | | | | | | |
| LH Engine Ser. No: _____ | | Operating Hrs. TT: _____ | | TSO _____ | | | | | | | | |
| RH Engine Ser. No: _____ | | Operating Hrs. TT: _____ | | TSO _____ | | | | | | | | |
| LH Propeller Ser. No: _____ | | Operating Hrs. TT: _____ | | TSO _____ | | | | | | | | |
| RH Propeller Ser. No: _____ | | Operating Hrs. TT: _____ | | TSO _____ | | | | | | | | |
| Amb. Temp: <u>21</u> | | Barom. Press: <u>20.35</u> | | Date: <u>1-11-09</u> | | Time _____ | | | | | | |
| Test Engineer 1: _____ | | <u>3009</u> | | Test Engineer 2: <u>Will Galloway</u> | | | | | | | | |
| Reason for Ground Run: <u>HOT SECTIONS</u> | | | | | | | | | | | | |
| Checks required (delete checks not required): | | | | | | | | | | | | |
| Check No: 1 2 3 4 5 6 7 8 9 10 11 12 13 | | | | | | | | | | | | |
| Check No. | Check | | | Required | Observed | | | | | | | |
| | | | | | Left | Right | | | | | | |
| 1 | <u>ENGINE START</u> | | | ITT | 1000°C max (5 sec. limit) | | <u>720</u> | <u>814</u> | | | | |
| 2 | <u>IDLE SPEED CHECK</u> (Required values from Fig. 505) | | | Ground Idle | <u>57.4</u> % Ng | | <u>55.7</u> | <u>55.4</u> | | | | |
| | | | | Flight Idle | <u>71.4</u> % Ng | | <u>70.5</u> | <u>70.7</u> | | | | |
| 3 | <u>GENERATOR CHECK</u> | | | On Line | Before 60% Ng | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | | | | |
| | | | | Output Bus Volts | Positive Reading 27.5 to 28 | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <u>27.7</u> | <u>27.7</u> | | |
| 4 | <u>MAX. PROP. SPEED CHECK</u> | | | Np | 2000 ± 10 | | <u>1990</u> | <u>1995</u> | | | | |
| 5 | <u>FEATHERING CHECK</u> | | | (difference in readings) Ng | 0.3% or less | | <u>.1</u> | <u>.1</u> | | | | |
| 6 | <u>AUTOFEATHER CHECK</u> | | | (write yes or no under observed) | Correct function | | <u>yes</u> | <u>yes</u> | | | | |
| 7 | <u>UNDERSPEED FUEL GOVERNING CHECK</u> | | | Np | 1900 ± 20 rpm | | <u>yes</u> | <u>yes</u> | | | | |
| 8 | <u>CHECK FOR INTERFERENCE BETWEEN NORMAL GOVERNING AND OVERSPEED FUEL GOVERNING FUNCTIONS OF THE PROPELLER GOVERNOR</u> | | | Tq | 1501 lb. ft. | | X | | | | | |
| | | | | Ng | No more than 0.4 % higher | | | | | | | |
| 9 | <u>OVERSPEED GOVERNOR CHECK</u> | | | Governed Np | 1840 ± 20 rpm | | <u>1835</u> | <u>1840</u> | | | | |
| 10 | <u>OIL PRESSURE CHECK</u> | | | | 90-135 psig | | <u>107</u> | <u>106</u> | | | | |
| 11 | <u>ENGINE PERFORMANCE CHECK</u> (Required values from Fig. 511) | | | Target Tq | <u>2190</u> lb. ft. | | <u>98.2</u> | <u>98.2</u> | | | | |
| | | | | Max ITT | <u>720</u> °C | | <u>723</u> | <u>741</u> | | | | |
| | | | | Max Ng | <u>98.0</u> % | | <u>96.9</u> | <u>96.9</u> | | | | |
| | | | | Max Wf | <u>640</u> PPH | | <u>593</u> | <u>588</u> | | | | |
| 12 | <u>ENGINE SHUTDOWN AND RUNDOWN CHECK</u> | | | Rundown Time | 20 secs. min. | | | | | | | |
| 13 | <u>AFTER SHUTDOWN CHECK</u> | | | | No leaks | | | | | | | |

TT = Total Time

TSO = Time Since Overhaul

EFFECTIVITY:



LOG OF MAJOR PARTS REPLACED

| | | |
|--------------------|--------------|---------------|
| SALES ORDER NUMBER | ENGINE MODEL | SERIAL NUMBER |
| 156852 | PT6A-66 | PCE-RK0208 |

| QTY | PART NUMBER | DESCRIPTION | SERIAL NUMBER |
|-----|-------------|-------------|---------------|
|-----|-------------|-------------|---------------|

NEW PARTS

| | | | |
|----|-------------|-----------|--|
| 1 | 3057818-01 | SEAL RING | |
| 1 | 3123386-01 | SEAL RING | |
| 1 | 3058347CL08 | AIR SEAL | |
| 10 | 3039465CL14 | SEGMENTS | |
| 1 | 3070389-01 | "W" SEAL | |
| 1 | 3070391-01 | "C" SEAL | |
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EXCHANGE PARTS

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THE ABOVE LIST OF MAJOR ENGINE PARTS REPLACED DURING THIS SHOP VISIT IS ONLY A SUMMARY AND IS LISTED AS AN AID TO IDENTIFICATION OF PARTS REPLACED. FOR A COMPLETE LIST OF PARTS REPLACED AND ACTUAL PART NUMBERS INSTALLED, PLEASE REFER TO THE P&WES INVOICE.

| | |
|---------|--|
| DATE | APPROVED INSPECTOR |
| 1/16/09 |   |



Pratt & Whitney Engine Services

PT6 LIFE LIMITED PARTS LOG

Sales Order # 156852 Engine Model PT6A-66
Customer JSSI / AVANTAIR Engine S/N PCE-RK0208
Date 1/16/09 Position LEFT ENGINE

| TTSN | TCSN | TTSO | TCSO |
|--------|------|------|------|
| 1960.6 | 1514 | N/A | N/A |

| Description | P/N | S/N | REMAINING | | MAX LIFE | |
|---|------------|----------|-----------|-------|----------|-------|
| | | | TIME | CYCLE | TIME | CYCLE |
| Comp Hub 1 | | | | | | |
| Comp Hub 2 | | | | | | |
| Comp Hub 3 | | | | | | |
| CT Disk | 3053740-01 | A00246AN | | 6486 | | 8000 |
| CT Blades | | | | | | |
| PT 1 | | | | | | |
| PT 2 | | | | | | |
| REMARKS: | | | | | | |

SIGNATURE

INSPECTOR:




DATE: 1/16/09



Requested/Attrition Modification Check List

| Sales Order | Engine S/N | | Model | Customer Name | Date | | | |
|-------------|------------|---|-------------------------|-----------------|------------------|-----------|----------|----------|
| 156852 | PCE-RK0208 | | PT6A-66 | JSSI / AVANTAIR | 1/16/09 | | | |
| SB | R | C | Description / Remarks | | Done at | Called up | Assy | Check |
| | ev | L | | | Man. or other | | | By |
| 14399 | 2 | 8 | Replacement of air seal | | | X | MCO 3 | MCO 6 |
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1. Approving National Aviation Authority/Country
 FAA/United States

2. **AUTHORIZED RELEASE CERTIFICATE**
 FAA Form 8130-3, AIR WORTHINESS APPROVAL TAG

3. Form Tracking Number:
 OH52723

4. Organization Name and Address
DallasAirmotive
 BBA Aviation
 Dallas Airmotive, Inc.
 6114 Forest Park Road
 Dallas, TX 75235

Certificate Number: YRRR491L


| | | | | | | |
|---------|--------------------|----------------|-----------------|---------------|--------------------------|------------------|
| 6. Item | 7. Description: | 8. Part Number | 9. Eligibility* | 10. Quantity: | 11. Serial/Batch Number: | 12. Status/Work: |
| 1 | P&W PT6A-66 Engine | 3037000 | N/A | 1 (one) | PCERK0208 | OVERHAULED |

13. Remarks TT: 3958.4 TSO: 00.0 CSN: 3022 CSO: Zero

Overhauled, Tested and Preserved with reference to Pratt & Whitney overhaul Manual 3036123 Revision 28 Dated May 28, 2010 and other data and methods acceptable to the administrator.

Pratt & Whitney Service Bulletins Accomplished: Power Section: 14039, 14049, 14071, 14078, 14096, 14164, 14398, 14416, 14603.
 Gas Generator: 14156.
 Accessory Gearbox: 14374.

Manufacturer Service Bulletins Accomplished: General: 14001, 14002, 14004, 14104, 14125, 14164, 14167, 14168, 14169, 14405, 14603.
 Argo-Tech: 73-2. Woodward: 33531, 33610.

Details on file at this Repair Station under work order/s referenced in block 3 & 5 Inspector:  Date: **JAN 28 2011**

Dallas Airmotive, Inc. certifies that the work specified in Blocks 12 and 13 was performed in accordance with EASA Implementation Rule Part 145 approval, and with respect to that work, the aircraft component is considered ready for release to service under EASA approval number EASA 145.4368

14. Certifies the items identified above were manufactured in conformity to:
 Approved design data and are in a condition for safe operation
 Non-approved design data specified in Block 13

15. Authorized Signature: ~~16. Approval/Authorization No.:~~ 19. 14 CFR 43.9 Return to Service Other regulation specified in Block 13
 Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.

17. Name (Typed or Printed): 18. Date
~~Marty Richards~~ 18. Date
~~Marty Richards~~ 18. Date

20. Authorized Signature: *Marty Richards*
 21. Approval/Certificate No.: YRRR491L

22. Name (Typed & Printed): *Marty Richards*
 23. Date: **JAN 28 2011**

User/Installer Responsibilities
 It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly.
 Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1
 Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

Avantair Receiving Inspection Checklist

To be completed by authorized personnel only

Date: Feb. 3, 2011

Inspector Name: S. Gray

Facility: PIE

- Confirm the packaging of the part identifies the supplier or distributor and is free from alteration or damage.
- Packaging slip identifies vendor and type/name of parts enclosed.
- Parts adequately packaged to prevent damage during shipping.
- Verify actual part and accompanying documentation reflect the same information.
- Part numbers match.
- Serial numbers match.
- Verify Authorized Release Certificate is properly filled out and appropriately signed as well as traceable to an FAA approved source.
- Life/limit times and/or cycles identified on Tag/Form (IF APPLICABLE)
- Verify that the life-limit or inspection interval has not expired. (IF APPLICABLE)
- Perform visual inspection of the part, looking for obvious defects, damage, etc...
- Verify any markings or data plates have not been tampered with or altered.
- Verify that any documents referenced on the Authorized Release Certificate are included with the part. (Tear down report, workorder, etc...) (IF APPLICABLE)
- Conduct random sampling of standard hardware and inspect for conformity
- Part Preserved (if applicable)
- No sign of contamination

Part Description: PT6A-66 Engine

Part Number: 303700

Serial Number: PCE-RK-0208

Hours: 0 O/H

Cycles: 0

TT: 3958.4
CSN: 3027

| | | |
|-------------------------------------|----------------------|--|
| <input checked="" type="checkbox"/> | PART ACCEPTED | Inspector Initials: <u>[Signature]</u> |
| <input type="checkbox"/> | PART REJECTED | Inspector Initials: _____ |
| REASON FOR REJECTION | | |
| | | |

Inspector Signature: [Signature]

Date signed: 2-3-2011

1. Approving National Aviation Authority/Country
 2. **AUTHORIZED RELEASE CERTIFICATE**
 3. Form Tracking Number: RPR28985-1

4. Organization Name and Address
DallasAirmotive
 BBA Aviation
 Dallas Airmotive, Inc.
 21625 North Central Avenue
 Phoenix, AZ 85024
 5. Work Order/Contract/Invoice Number: RPR28985

| | | | | | | |
|---------|-----------------|----------------|------------------|---------------|--------------------------|------------------|
| 6. Item | 7. Description: | 8. Part Number | 9. Eligibility:* | 10. Quantity: | 11. Serial/Batch Number: | 12. Status/Work: |
| 1 | CT Disk | 3053740-01 | N/A | 1 | A00237PP | REPAIRED |

13. Remarks TT: 5954.9 TSO: 1982.3 CSN: 4536 CSO: 1538
 Visually inspected, trued and balanced disk assy. Disk O.D. = 9.537". Trim Data installed: A32. All work accomplished with reference to Pratt & Whitney manual P/N 3036123 Rev. # 29 dated 14-Jan-2011, and other data and methods acceptable to the administrator. Removed from engine S/N PCE-RK0204. -----END-----

Details on file at this Repair Station under work order/s referenced in block 3 & 5

14. Certifies the items identified above were manufactured in conformity to:
 Approved design data and are in a condition for safe operation
 Non-approved design data specified in Block 13

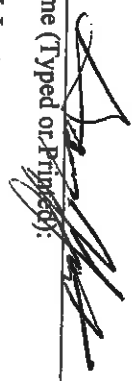
15. Authorized Signature: _____

16. Approval/Authorization No.: _____

17. Name (Typed or Printed): _____

18. Date: _____

19. 14 CFR 43.9 Return to Service Other regulation specified in Block 13
 Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, Part 43 and in respect to that work, the items are approved for return to service.

20. Authorized Signature: 

21. Approval/Certificate No.: YRR4491L

22. Name (Typed or Printed): Gary J Jost

23. Date: Aug 3 2012

User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly.
 Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1
 Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

A/C Serial # 1131 AIRCRAFT MAINTENANCE LOG
 # 163SL WORK ORDER: 17304

DISCREPANCY

CORRECTIVE ACTION

| | | | | |
|---|--------------------------|----------------------|--|-------------------------------------|
| No: 1 | Avtrak Item# 1 | Lead: <u>FD 1182</u> | Inspector: <u>SG 822</u> | Parts Tag Attached: <u>Y</u> |
| Name (Print): <u>Mary L. Peterson</u> | Location: <u>PIE</u> | Date: <u>8/7/12</u> | Removed and installed reworked hot section | |
| C/W Engine Hot Section Inspection (Engine 1) | | | | |
| P/N OFF: <u>3053740-01</u> | S/N OFF: <u>A0023654</u> | Date: <u>8/15/12</u> | Cert#: <u>3447739</u> | WIP# <u>164445</u> <u>164653</u> |
| No: 2 | Avtrak Item# 2 | Lead: <u>FD 1182</u> | Inspector: <u>SG 822</u> | Parts Tag Attached: <u>Y</u> |
| Name (Print): <u>Mary L. Peterson</u> | Location: <u>PIE</u> | Date: <u>8/7/12</u> | Removed and installed reworked hot section | |
| C/W Engine Hot Section Inspection (Engine 2) | | | | |
| P/N OFF: <u>3053740-01</u> | S/N OFF: <u>A0023654</u> | Date: <u>8/15/12</u> | Cert#: <u>3447739</u> | WIP# <u>164445</u> <u>164653</u> |
| No: 3 | Avtrak Item# 4 | Lead: <u>FD 1182</u> | Inspector: <u>SG 822</u> | Parts Tag Attached: <u>Y</u> |
| Name (Print): <u>Mary L. Peterson</u> | Location: <u>PIE</u> | Date: <u>8/7/12</u> | Removed and replaced with serviceable | |
| C/W Engine Fuel Nozzle Leak & Functional Test (Engine 1) | | | | |
| P/N OFF: <u>3119855-01</u> | S/N OFF: <u>---</u> | Date: <u>8/15/12</u> | Cert#: <u>3447739</u> | WIP# <u>164445</u> <u>164653</u> |
| Signature: <u>[Signature]</u> | | | | |

avantair®

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|------------------------|-----------------|-------------|-------------------|
| N163SL | Piaggio P-180II | ATT: 5960.3 | WO # 17304-N163SL |
| DATE: 8/15/2012 | Serial #:1131 | LDGS: 4492 | |
| Engine S/N: PCE-RK0208 | TTSN: 5948.2 | TCSN: 4584 | |
| Model: PT6A-66 | TSO: 1989.8 | CSO: 1562 | |

Hot Section due at TTSN: 5948.2

Removed and installed reworked Hot Section components. Removed and installed serviceable fuel nozzles. All work performed in accordance with section 72-50-01, 72-50-02, 72-40-00 and 73-11-05 in the Pratt & Whitney Canada Maintenance Manual P/N 3036122 Rev. 39.

Next Hot Section due at TTSN: 7948.2

The above maintenance was performed in accordance with Piaggio, Pratt & Whitney, and Hartzell maintenance and component manuals. The Aircraft, Airframe, Engines, Propellers, or Appliances stated above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved to return to service. Pertinent details are on file with Avantair, Inc.'s Quality Assurance Department.

Authorized Signature



955

A&P# 3447739

COPY

PT6A-66 S/N:PCE-RK0208 FINAL ACCEPTANCE TEST RECORD

2007 JAN 23 TEST CELL : 3202 BUILD SPEC.: 677

ENGINE TESTED AND ACCEPTED IN ACCORDANCE WITH E&TI : 453

FINAL VANE FLOW AREAS FIRST STAGE : 21513 2S9 7.19
SECOND STAGE : 01466 2S2 23.82

PERFORMANCE DATA

TAKE-OFF PART-POWER

SPEC ACTUAL SPEC ACTUAL

Table with 4 columns: Parameter, Unit, Spec, Actual. Rows include Prop Speed, S.L.S. STD.DAY POWER, I.T.T. (T5A TRIMMED) DEG R, T5D (DERIVED) DEG R, GAS GEN. SPEED RPM, SFC @ 18400 BTU/LB LB/SHP.HR, PRESSURE RATIO @ 34500 RPM.

FUEL TYPE : CPW 204
TEST LHV : 18540. BTU/LB
S.G. : 0.812 @ 52. DEG F

OIL TYPE : PWA 521 TYPE II
OIL CONSUMPTION : 0.0 LB/HR
T.O. OIL PRESSURE : 118.2 PSI
OIL TEMPERATURE : 154.4 DEG F

I.T.T. TRIM DELTA T (UNTRIMMED-TRIMMED) : 8.9 DEG F
I.T.T. TRIM DELTA T (UNTRIMMED-TRIMMED) : 4.9 DEG C
I.T.T. TRIM CLASS : 19
TRIM RESISTANCE : 223.0 OHMS
COLD HARNESS RESISTANCE : 1.48 OHMS
B.O.V. SEAT CLASS AS TESTED : 12
B.O.V. SEAT CLASS AS SHIPPED : 16

HANDLING AND CONTROL SETTINGS

TRIMMED MAX NG : N/A RPM
UNTRIMMED MAX NG : 39000 RPM
DATA PLATE SPEED : 35000 RPM
IDLE SPEED : 20281 RPM
ACCEL. TIME F.I. TO MAX @ T1 : 2.50 SECS @ 47.0 DEGF
ENGINE DRY WEIGHT : 469.5 LBS.

PRODUCTION SIGNATURE : [Signature]
INSPECTION SIGNATURE : [Signature]
GOVERNMENT INSPECTOR :

THE UNDERSIGNED CERTIFIES THAT THIS RECORD ACCURATELY SETS FORTH THE EVENTS DURING THE TEST MADE ON THE ENGINE THEREIN IDENTIFIED.

DATE 24 JAN 2007 FOREMAN, ASSY. & TEST INSP :

[Signature] T.C. 4-88 NO. 022
B. HORVATH

Section 1: Record of engine maintenance and elementary work

| Date --/--/-- | Time since new | Time since overhaul | Total cycles | Details of task | Signature | AME ACA/AMO SCA/AMO |
|------------------|-------------------|------------------------|--------------|-----------------|-----------|---------------------------|
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TETERBORD R.A.N.I.S. LLC
333 INDUSTRIAL AVE
TETERBORD, NJ 07708
201 289-1818

DATE: 09/14/09 REC: N1629 A/C TYPE: AVANTIER-1808 A/C S/N: 1130
A/C TOTAL TIME: 2756.7 A/C TOTAL CYCLES: 2087

#1 ENGINE TOTAL TIME: 2756.7
#1 ENGINE TOTAL CYCLES: 2078

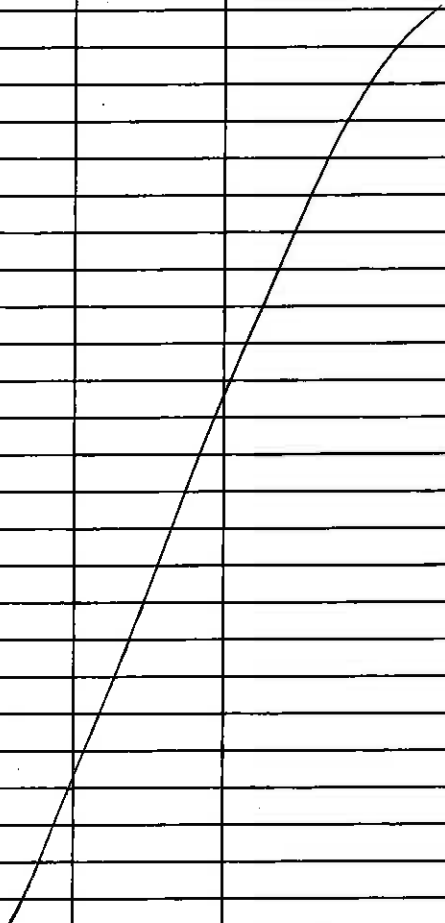


THE FOLLOWING WORK HAS BEEN COMPLETED WITHIN:
1. 150 HR INSP PER P&W PT8A-66 MANUAL

THIS WORK HAS BEEN COMPLETED WITH USING THE MANUFACTURERS MAINTENANCE MANUAL.
THIS AIRFRAME AND/OR ENGINE(S) IS APPROVED FOR RETURN TO SERVICE.

NAME: J. ESPALLA CERTIFICATE: A&P 3028781 DATE: 09/14/09

SIGNATURE: *J. Espalla*

Section 1: Record of engine maintenance and elementary work

| Date --/--/--- | Time since new | Time since overhaul | Total cycles | Details of task | | Signature | AME ACA/AMO SCA/AMO | | | | |
|---|-------------------|------------------------|--------------|---|--|-----------|---------------------------|--|--|--|--|
|  | | | |  | | | | <p># 1 Engine Logbook WO: 3590-N162SL 02/08/2010 N162SL - Piaggio P-180 (Avanti II), S/N 1130 Airframe Hours: 3032.1 Airframe Landings: 2269 # 1 Engine Hours: 3032.1 # 1 Engine Cya/Lndgs: 2287 Pratt & Whitney PT8A-66 S/N PCERK-0208</p> | | | |
| | | | | <p>Complied with the Following Items:</p> | | | | <p>4.000 COMPLIED WITH APPLICABLE PORTION OF P&W PERIODIC INSPECTION GUIDE #1 ENGINE IAW P&W MM CH. 72-00-00.</p> | | | |
| | | | | <p>4.001 Complied with 720007 P3 Air Filter Inspection (Engine 1)</p> | | | | <p>4.002 Complied with 720011 Power Turbine Blade Inspection (Engine 1)</p> | | | |
| | | | | <p>4.003 Complied with 790005 Engine Oil Filter Inspection (Engine 1)</p> | | | | | | | |
| <p>The above maintenance was performed in accordance with Piaggio, Pratt & Whitney, and Hartzell maintenance and component manuals. The Aircraft, Airframe, Engines, Propellers or Appliances stated above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved to return to service. Pertinent details are on file with Avantair, Inc.'s Quality Assurance Department.</p> | | | | | | | | | | | |
| <p>575 Aviation Dr. Camarillo, CA 93010 Phone: 805-383-1100 Fax: 805-383-2037</p> | | | | <p>Signed:  M.A. Smith AP3044639 For Avantair, Inc.</p> | | | | | | | |

Section 1: Record of engine maintenance and elementary work

| Date --/--/-- | Time since new | Time since overhaul | Total cycles | Details of task | Signature | AME ACA/AMO SCA/AMO |
|------------------|-------------------|------------------------|--------------|-----------------|-----------|---------------------------|
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Avantair # 1 Engine Logbook WO: 4648-N162SL 2 May 2010

N162SL - Piaggio P-180 (Avanti II), S/N 1130

Airframe Hours: 3316.0 Airframe Landings: 2497
 # 1 Engine Hours: 3316.0
 # 1 Engine Cycles/Landings: 2517
 Pratt & Whitney PT6A-86 S/N PCERK-0208

Complied with the Following Items:

- Complied with Comply with Applicable Portions P&W Periodic Inspect Guide (Engine 1)
- Complied with P3 Air Filter Inspection (Engine 1)
- Complied with Power Turbine Blade Inspection (Engine 1)
- Complied with Engine Oil Filter Inspection (Engine 1)
- Complied with Engine Magnetic Chip Detector Inspection (Engine 1)
- Complied with Engine Magnetic Chip Detector Bridge Inspection (Engine 1)

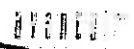
The above maintenance was performed in accordance with Piaggio, Pratt & Whitney, and Hartzell maintenance and component manuals. The Aircraft, Airframe, Engines, Propellers or Appliances stated above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved to return to service. Pertinent details are on file with Avantair, Inc.'s Quality Assurance Department.

Certificate Number: V2JR078L
 4311 General Howard Drive
 Clearwater, FL 33762
 Phone: 727-539-0071
 Fax: 272-539-7007

Signed: For Avantair, Inc.

Section 1: Record of engine maintenance and elementary work

| Date --/--/-- | Time since new | Time since overhaul | Total cycles | Details of task | Signature | AME ACA/AMO SCA/AMO |
|------------------|-------------------|------------------------|--------------|-----------------|-----------|---------------------------|
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1 Engine Logbook: WO: 5107-N162SL 25 Jun 2010
 N162SL - Piaggio P-180 (Avanti II), S/N 1130
 Airframe Hours: 3449.5 Airframe Landings: 2608
 # 1 Engine Hours: 3449.5
 # 1 Engine Cyc/Lndgs: 2628
 Pratt & Whitney PT6A-66 S/N PCERK-0208

Complied with the Following Items:


- 12.000 C/W Applicable Portions P&W Periodic Inspect Guide for (Engine 1) IAW P&W MM 72-00-00. AML# 093162-7
- 12.001 Complied with P3 Air Filter Inspection (Engine 1)
- 12.002 Complied with Power Turbine Blade Inspection (Engine 1)
- 12.003 Complied with Fuel Pump Inlet Screen Inspection (Engine 1)
- 12.004 Complied with Engine Oil Filter Inspection (Engine 1)
- 12.005 Complied with Engine Magnetic Chip Detector Inspection (Engine 1)
- 12.006 Complied with Engine Magnetic Chip Detector Bridge Inspection (Engine 1)
- 18.000 Complied with periodic borescope inspection (Eng. #1) IAW P&W MM Ch. 72-00-00. No defects at this time. (AML #093163-11)
- 40.000 Replaced and installed #1 engine fuel nozzles with newly inspected fuel nozzles iaw P&W 73-10-04.Ops and leak check normal.See AML# 093162-9.PN:3119855-01 SN:PIE4
- 42.000 R+R #1 engine oil filter w/ newfilter IAW mm 79-20-00. AML# 093164-13
 PN OFF:3059258-01 SN OFF: NSN— PN ON:3059258-01 SN ON:NSN
- 44.000 C/W #1 Engine Oil Filter Patch Test as required. AML# 093164-15

The above maintenance was performed in accordance with Piaggio, Pratt & Whitney, and Hartzell maintenance and component manuals. The Aircraft, Airframe, Engines, Propellers or Appliances stated above was repaired and inspected in accordance with current Federal Aviation Regulation: and is approved to return to service. Pertinent details are on file with Avantair, Inc.'s Quality Assurance Department.

575 Aviation Dr.
 Camarillo, CA 93010
 Phone: 805-383-1100
 Fax: 805-383-2037

Signed: P. Howard 3226862
 For Avantair, Inc.

Section 1: Record of engine maintenance and elementary work

| Date --/--/-- | Time since new | Time since overhaul | Total cycles | Details of task | Signature | AME ACA/AMO SCA/AMO |
|------------------------------|----------------------------------|------------------------------------|-----------------------------------|---|---|---------------------------|
| N162SL Aircraft TT 3579.0 | Model PT6A-66B S/N PCE-RK0208 | Engine TT 3579.0 Engine TC 2715 | July 30, 2010 WO# S15-10-00392 | <p>Left engine</p> <p>Performed "A" inspection in accordance with Avanti II mm 5-20-00 Performed 150 hour minor & routine inspection items per PT6A-66B mm 72-00-00 Installed new oil filter p/n 3059258-01 per mm 79-20-02 Installed new P3 air filter p/n WF334552 per mm 73-10-07 Installed new carbon blocks p/n CA3044 in LH and RH propeller reversing linkage per mm 76-10-00 Complied with oil filter patch test p/n GA-MF and JSS1 oil sample I certify that this ENGINE has been inspected in accordance with an "A" inspection per section 2 page 2 of the Approved Aircraft Inspection Program for Avantair Inc. and has been determined to be in airworthy condition. The above maintenance was performed in accordance with Piaggio, Pratt&Whitney Canada, and Hartzell maintenance and component manuals. Performed ground run up and satisfactory leak and operational checks. The Aircraft, Airframe, Aircraft Engine, Propeller, or Appliance identified above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved for return to service. Pertinent details are on file at this Repair Station.</p> <p>APPROVED BY: <u>[Signature]</u> INSPECTOR FOR  FAA Repair Station PAI5208A Greensboro, NC</p> | <p>WO: 6491-N162SL N162SL - Piaggio P-160 (Avanti II), S/N 1130 Airframe Hours: 3823.9 # 1 Engine Hours: 3823.9 # 1 Engine Cyc/Lndgs: 2914 Pratt & Whitney PT6A-66 S/N PCERK-0208</p> <p>05 Oct 2010 2894</p> <p>Airframe Landings:</p> <p>Complied with the Following Items:</p> <p>#1 engine magnetic chip detector circuitry inspection. AFL# 105808-3</p> <p>The above maintenance was performed in accordance with Piaggio, Pratt & Whitney, and Hartzell maintenance and component manuals. The Aircraft, Airframe, Engines, Propellers or Appliances stated above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved to return to service. Pertinent details are on file with Avantair, Inc.'s Quality Assurance Department.</p> <p>575 Aviation Dr. Carrifillo, CA 93010 Phone: 805-383-1100 Fax: 805-383-2037</p> <p>Signed: <u>[Signature]</u> For Avantair, Inc.</p> | |
| N162SL/1130 | TSN: 3726.3 CSN: 2814 | DATE: 9/5/10 | | <p>#1 ENGINE PCB-RK-0208 TSN: 3726.3 CSN: 2834</p> <p>THE FOLLOWING WORK HAS BEEN COMPLIED WITH:</p> <ol style="list-style-type: none"> 150 HOUR INSP PER P&W PT62-66 MANUAL Complied with P&W PERIODIC INSP IAW PT6A-66 MANUAL Complied with oil filter replacement P/N On/Off 3059258-01 Complied with oil filter patch test P/N GA-MF <p>THE FOLLOWING WORK HAS BEEN PERFORMED USING THE MANUFACTURERS MAINTENANCE MANUAL THIS AIRFRAME AND/OR ENGINE(S) IS APPROVED FOR RETURN TO SERVICE</p> <p>NAME: <u>Joseph A. Enderle</u> CERTIFICATE: A & P <u>39409494</u></p> <p>SIGNATURE: <u>[Signature]</u></p> | | |

Section 1: Record of engine maintenance and elementary work



1 Engine Logbook WO: 6582-N162SL
 N162SL - Piaggio P-180 (Avanti II), S/N 1130
 Airframe Hours: 3874.1 Airframe Landings: 2939 s of task
 # 1 Engine Hours: 3874.1
 # 1 Engine Cyc/Ltdgs: 2959
 Pratt & Whitney PT6A-66 S/N PCERK-0208

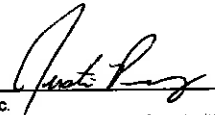
21 Oct 2010

Complied with the Following Items:

- Applicable Portions P&W Periodic Inspect Guide.
- P3 Air Filter Inspection.
- Power Turbine Blade Inspection.
- Engine Oil Filter Inspection.
- Engine Magnetic Chip Detector Inspection.
- Engine Magnetic Chip Detector Bridge Inspection.
- Oil Scavenge Pump Inlet Screen Inspection (Low Humidity). AML#109762
- Engine Oil Filter Patch Test. AML#109760
- Removed and Replaced Oil Filter Element. AML#109761
- PN OFF:3059258-01 SN OFF:N/A — PN ON:3059258-01 SN ON:N/A

The above maintenance was performed in accordance with Piaggio, Pratt & Whitney, and Hartzell maintenance and component manuals. The Aircraft, Airframe, Engines, Propellers or Appliances stated above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved to return to service. Pertinent details are on file with Avantair, Inc.'s Quality Assurance Department.

Certificate Number: V2JR078L
 4311 General Howard Drive
 Clearwater, FL 33762
 Phone: 727-539-0071
 Fax: 272-539-7007


Signed: 
 For Avantair, Inc.



Removed


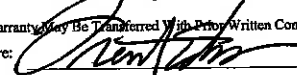
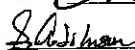
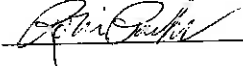
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|----------------|------------------|-----------------|------------------|
| N162SL | SERIAL #: 1130 | AC TSN: 3958.4 | WO # 6883-N162SL |
| DATE: 11/11/10 | Pratt & Whitney | AC CSN: 3002 | |
| PT6A-66 | SERIAL #: RK0208 | ENG TSN: 3958.4 | TSO: |
| | POSITION: #1 | ENG CSN: 3022 | CSO: |

Due Overhaul

Authorized Signature  CRS# V2JR078L

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Section 1: Record of engine maintenance and elementary work

| Date | Time since | Time since | Task | Signature | AME ACA/AMO SCA/AMO | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|-----------------------|---------------|---------------|---------------|---------------------------|---------------|-----------------------|---------------|---------------|---------------|----------------|----------------|----------|----------|--------------|----------------|----------|------------------|------------|----------|----------|------------|----------|----------------|----------|----------|------------|----------|----------|------------------|------------|--------------|----------|----------|--|---------------------|------------|-----------|----------|----------|--|-------------------------------|------------|-------------|----------|----------|--|----------------------------------|------------|----------|----------|----------|--|---------------------------------|------------|-------------|----------|----------|--|---------------------------------|------------|-------------|-----|-----|--|---------------------------------|------------|-------------|-----|-----|--|
|  <p>6114 Forest Park Rd Dallas, TX 75233-6498 BBA Aviation Certificate No.: YRRR491L</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Power Section Certificate of Work Accomplished | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>PT6A-66</td> <td>Engine S/N: PS-RK0208</td> <td>TSN: 3958.4</td> <td>TSO: 00.0</td> <td>CSN: 3022</td> <td>CSO: Zero</td> </tr> </table> | | | | | | PT6A-66 | Engine S/N: PS-RK0208 | TSN: 3958.4 | TSO: 00.0 | CSN: 3022 | CSO: Zero | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PT6A-66 | Engine S/N: PS-RK0208 | TSN: 3958.4 | TSO: 00.0 | CSN: 3022 | CSO: Zero | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Overhauled, Tested and Prepared with reference to Pratt & Whitney, overhaul Manual 3036123 Revision 28 Dated May 25, 2010 and other data and methods acceptable to the administrator. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Turbine Vane Ring Area: PT: 23.82 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Airworthiness Directive Status: None Applicable | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pratt & Whitney Service Bulletins Accomplished: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Power Section: 14039, 14049, 14071, 14078, 14096, 14164, 14398, 14416, 14603. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| General: 14002, 14603. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Manufacturer Service Bulletins Accomplished: Woodward: 33531, 33610. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (See Gas Generator Logbook for Test Data) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Life Limited Components Installation Record (Reference to S/B 14002, Latest Revision) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Name</th> <th>Part Number</th> <th>Serial Number</th> <th>Total Hours</th> <th>Total Cycles</th> <th>Remarks</th> </tr> </thead> <tbody> <tr> <td>Stg. 1 PT Disk</td> <td>3037312</td> <td>A0024NWM</td> <td>3958.4</td> <td>3022</td> <td></td> </tr> <tr> <td>Stg. 1 PT Blades</td> <td>3122972-01</td> <td>NSN</td> <td>3958.4</td> <td>N/A</td> <td></td> </tr> <tr> <td>Stg. 2 PT Disk</td> <td>3037313</td> <td>A0024L49</td> <td>3958.4</td> <td>3022</td> <td></td> </tr> <tr> <td>Stg. 2 PT Blades</td> <td>3056693-01</td> <td>Listed Below</td> <td>3958.4</td> <td>N/A</td> <td></td> </tr> <tr> <td>#4 Mainline Bearing</td> <td>3112696-03</td> <td>FCN193091</td> <td>3958.4</td> <td>N/A</td> <td></td> </tr> <tr> <td>1st Stg. Sun Gear</td> <td>3059928-01</td> <td>PKAAA329762</td> <td>New</td> <td>N/A</td> <td></td> </tr> <tr> <td>1st Stg Planet Set #</td> <td>3059925-01</td> <td>AG746</td> <td>New</td> <td>N/A</td> <td></td> </tr> <tr> <td>1st Stg Planet Gear</td> <td>3059924-01</td> <td>PKAAA329198</td> <td>New</td> <td>N/A</td> <td></td> </tr> <tr> <td>1st Stg Planet Gear</td> <td>3059924-01</td> <td>PKAAA329209</td> <td>New</td> <td>N/A</td> <td></td> </tr> <tr> <td>1st Stg Planet Gear</td> <td>3059924-01</td> <td>PKAAA329215</td> <td>New</td> <td>N/A</td> <td></td> </tr> </tbody> </table> | | | | | | Name | Part Number | Serial Number | Total Hours | Total Cycles | Remarks | Stg. 1 PT Disk | 3037312 | A0024NWM | 3958.4 | 3022 | | Stg. 1 PT Blades | 3122972-01 | NSN | 3958.4 | N/A | | Stg. 2 PT Disk | 3037313 | A0024L49 | 3958.4 | 3022 | | Stg. 2 PT Blades | 3056693-01 | Listed Below | 3958.4 | N/A | | #4 Mainline Bearing | 3112696-03 | FCN193091 | 3958.4 | N/A | | 1 st Stg. Sun Gear | 3059928-01 | PKAAA329762 | New | N/A | | 1 st Stg Planet Set # | 3059925-01 | AG746 | New | N/A | | 1 st Stg Planet Gear | 3059924-01 | PKAAA329198 | New | N/A | | 1 st Stg Planet Gear | 3059924-01 | PKAAA329209 | New | N/A | | 1 st Stg Planet Gear | 3059924-01 | PKAAA329215 | New | N/A | |
| Name | Part Number | Serial Number | Total Hours | Total Cycles | Remarks | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Stg. 1 PT Disk | 3037312 | A0024NWM | 3958.4 | 3022 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Stg. 1 PT Blades | 3122972-01 | NSN | 3958.4 | N/A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Stg. 2 PT Disk | 3037313 | A0024L49 | 3958.4 | 3022 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Stg. 2 PT Blades | 3056693-01 | Listed Below | 3958.4 | N/A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| #4 Mainline Bearing | 3112696-03 | FCN193091 | 3958.4 | N/A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 st Stg. Sun Gear | 3059928-01 | PKAAA329762 | New | N/A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 st Stg Planet Set # | 3059925-01 | AG746 | New | N/A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 st Stg Planet Gear | 3059924-01 | PKAAA329198 | New | N/A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 st Stg Planet Gear | 3059924-01 | PKAAA329209 | New | N/A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 st Stg Planet Gear | 3059924-01 | PKAAA329215 | New | N/A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Stage 2 PT Serialized Blades | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Serial Number</th> <th>Serial Number</th> <th>Serial Number</th> <th>Serial Number</th> <th>Serial Number</th> <th>Serial Number</th> </tr> </thead> <tbody> <tr> <td>A00240LF</td> <td>A00240LN</td> <td>A00240MY</td> <td>A00240L3</td> <td>A00240MN</td> <td>A00240P7</td> </tr> <tr> <td>A00240P4</td> <td>A00240LE</td> <td>A00240ML</td> <td>A00240MW</td> <td>A00240N1</td> <td>A00240LC</td> </tr> <tr> <td>A00240LR</td> <td>A00240NW</td> <td>A00240P3</td> <td>A00240MP</td> <td>A00240N2</td> <td>A00240N7</td> </tr> <tr> <td>A00240M3</td> <td>A00240MM</td> <td>A00240MH</td> <td>A00240L4</td> <td>A00240LD</td> <td></td> </tr> <tr> <td>A00240LW</td> <td>A00240N4</td> <td>A00240ND</td> <td>A00240LX</td> <td>A00240L2</td> <td></td> </tr> <tr> <td>A00240NE</td> <td>A00240M9</td> <td>A00240M6</td> <td>A00240L5</td> <td>A00240ME</td> <td></td> </tr> <tr> <td>A00240MX</td> <td>A00240M8</td> <td>A00240LT</td> <td>A00240P6</td> <td>A00240NR</td> <td></td> </tr> <tr> <td>A00240LA</td> <td>A00240M4</td> <td>A00240PA</td> <td>A00240MB</td> <td>A00240NP</td> <td></td> </tr> </tbody> </table> | | | | | | Serial Number | Serial Number | Serial Number | Serial Number | Serial Number | Serial Number | A00240LF | A00240LN | A00240MY | A00240L3 | A00240MN | A00240P7 | A00240P4 | A00240LE | A00240ML | A00240MW | A00240N1 | A00240LC | A00240LR | A00240NW | A00240P3 | A00240MP | A00240N2 | A00240N7 | A00240M3 | A00240MM | A00240MH | A00240L4 | A00240LD | | A00240LW | A00240N4 | A00240ND | A00240LX | A00240L2 | | A00240NE | A00240M9 | A00240M6 | A00240L5 | A00240ME | | A00240MX | A00240M8 | A00240LT | A00240P6 | A00240NR | | A00240LA | A00240M4 | A00240PA | A00240MB | A00240NP | | | | | | | | | | | | | |
| Serial Number | Serial Number | Serial Number | Serial Number | Serial Number | Serial Number | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A00240LF | A00240LN | A00240MY | A00240L3 | A00240MN | A00240P7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A00240P4 | A00240LE | A00240ML | A00240MW | A00240N1 | A00240LC | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A00240LR | A00240NW | A00240P3 | A00240MP | A00240N2 | A00240N7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A00240M3 | A00240MM | A00240MH | A00240L4 | A00240LD | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A00240LW | A00240N4 | A00240ND | A00240LX | A00240L2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A00240NE | A00240M9 | A00240M6 | A00240L5 | A00240ME | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A00240MX | A00240M8 | A00240LT | A00240P6 | A00240NR | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A00240LA | A00240M4 | A00240PA | A00240MB | A00240NP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Accessory Installation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Name</th> <th>Part Number</th> <th>Serial Number</th> <th>T.S.O.</th> <th>Remarks</th> </tr> </thead> <tbody> <tr> <td>OCU - Governor</td> <td></td> <td></td> <td></td> <td>Not Received</td> </tr> <tr> <td>CSU - Governor</td> <td>8210-411</td> <td>14966772</td> <td>00.0</td> <td></td> </tr> <tr> <td>T5 Lead</td> <td>3043825-01</td> <td>NR05618</td> <td>New</td> <td></td> </tr> <tr> <td>Bus Bar</td> <td>3109239-01</td> <td>NR07186</td> <td>00.0</td> <td></td> </tr> <tr> <td>Bus Bar</td> <td>3109240-01</td> <td>NR07159</td> <td>00.0</td> <td></td> </tr> <tr> <td>Thermocouples</td> <td>3116132-01</td> <td>NSN</td> <td>New</td> <td></td> </tr> </tbody> </table> | | | | | | Name | Part Number | Serial Number | T.S.O. | Remarks | OCU - Governor | | | | Not Received | CSU - Governor | 8210-411 | 14966772 | 00.0 | | T5 Lead | 3043825-01 | NR05618 | New | | Bus Bar | 3109239-01 | NR07186 | 00.0 | | Bus Bar | 3109240-01 | NR07159 | 00.0 | | Thermocouples | 3116132-01 | NSN | New | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Name | Part Number | Serial Number | T.S.O. | Remarks | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| OCU - Governor | | | | Not Received | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CSU - Governor | 8210-411 | 14966772 | 00.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| T5 Lead | 3043825-01 | NR05618 | New | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bus Bar | 3109239-01 | NR07186 | 00.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bus Bar | 3109240-01 | NR07159 | 00.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Thermocouples | 3116132-01 | NSN | New | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| This Engine Has Been Repaired And Inspected In Accordance With Current Regulations Of The Federal Aviation Administration, Title 14, Code Of Federal Regulations, Part 43 And In Respect To That Work, This Engine Is Approved For Return To Service. Pertinent Details Of This Repair Are On File At This Repair Station Under Sales Order OH52723. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Warranty May Be Transferred With Prior Written Consent. Please Call 1.800.527.5003. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Authorized Signature:  Date: January 27, 2011 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Prepared By:  Reviewed By:  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Section 1: Record of engine maintenance and elementary work



| Date --/--/-- | Time since new | Time since overhaul | Total cycles | Details of task | Signature | AME ACA/AMO SCA/AMO |
|------------------|-------------------|------------------------|--------------|-----------------|-----------|---------------------------|
|------------------|-------------------|------------------------|--------------|-----------------|-----------|---------------------------|

avantair[®]

Installed

| | | | |
|----------------|-------------------|-----------------|------------------|
| N163SL | SERIAL #: 1131 | AC TSN: 3970.5 | WO # 7824-N163SL |
| DATE: 02/12/11 | Pratt & Whitney | AC CSN: 2931 | |
| PT6A-66 | SERIAL #: RK-0208 | ENG TSN: 3958.4 | TSO: 0.0 |
| | POSITION: #1 | ENG CSN: 3022 | CSO: 0 |

Authorized Signature:  CRS# V2JR078L

| | | | |
|--|--|--|--|
| | | 23 Feb 2011 | |
|  | | # 1 Engine Logbook N163SL - Piaggio P-180 (Avanti II), S/N 1131 Airframe Hours: 4012.4 # 1 Engine Hours: 4000.3 # 1 Engine Cyc/Lndgs: 3054 Pratt & Whitney PT6A-66 S/N PCERK-0208 | WO: 8373-N163SL S/N 1131 Airframe Landings: 2963 TSO: 41.9 CSO: 32 |
| Compiled with the Following Items: | | | |
| Applicable Portions P&W Periodic Inspect Guide AML #120714-12 P3 Air Filter Inspection Power Turbines Blade Inspection Engine Oil Filter Inspection Engine Magnetic Chip Detector Inspection Engine Magnetic Chip Detector Bridge Inspection Fuel Pump Inlet Screen Inspection AML #120715-13 | | | |
| The above maintenance was performed in accordance with Piaggio, Pratt & Whitney, and Hartzell maintenance and component manuals. The Aircraft, Airframe, Engines, Propellers or Appliances stated above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved to return to service. Pertinent details are on file with Avantair, Inc.'s Quality Assurance Department. | | | |
| 575 Aviation Dr. Camarillo, CA 93010 Phone: 805-383-1100 Fax: 805-383-2037 | | | |
| Signed:  A#3044639 For Avantair, Inc. | | | |

AVANTAIR

1 Engine Logbook WO: 9009-N163SL
 N163SL - Piaggio P-180 (Avanti II), S/N 1131
 Airframe Hours: 4160.3 Airframe Landings: 3084
 # 1 Engine Hours: 4148.2 TSO: 189.8
 # 1 Engine Cyc/Lndgs: 3175 CSO: 153
 Pratt & Whitney PT6A-66 S/N PCERK-0208

4 Apr 2011

task

Signature


AME
ACA/AMO
SCA/AMO

Complied with the Following Items:

- Comply with Applicable Portions P&W Periodic Inspect Guide
- P3 Air Filter Inspection
- Power Turbine Blade Inspection
- Engine Oil Filter Inspection
- Engine Magnetic Chip Detector Inspection
- Engine Magnetic Chip Detector Bridge Inspection

The above maintenance was performed in accordance with Piaggio, Pratt & Whitney, and Hartzell maintenance and component manuals. The Aircraft, Airframe, Engines, Propellers or Appliances stated above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved to return to service. Pertinent details are on file with Avantair, Inc.'s Quality Assurance Department.

Certificate Number: V2JR078L
 4311 General Howard Drive
 Clearwater, FL 33762
 Phone: 727-539-0071
 Fax: 272-539-7007

Signed: 
 For Avantair, Inc.

AVANTAIR

1 Engine Logbook WO: 10084-N163SL
 N163SL - Piaggio P-180 (Avanti II), S/N 1131
 Airframe Hours: 4368.9 Airframe Landings: 3254
 # 1 Engine Hours: 4356.8 TSO: 398.4
 # 1 Engine Cyc/Lndgs: 3345 CSO: 323
 Pratt & Whitney PT6A-66 S/N PCERK-0208


29 May 2011

Complied with the Following Items:

- Engine Magnetic Chip Detector Inspection LP #117001

The above maintenance was performed in accordance with Piaggio, Pratt & Whitney, and Hartzell maintenance and component manuals. The Aircraft, Airframe, Engines, Propellers or Appliances stated above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved to return to service. Pertinent details are on file with Avantair, Inc.'s Quality Assurance Department.

Certificate Number: V2JR078L
 4311 General Howard Drive
 Clearwater, FL 33762
 Phone: 727-539-0071
 Fax: 272-539-7007

Signed: 
 For Avantair, Inc.

AVANTAIR

1 Engine Logbook WO: 9712-N163SL
 N163SL - Piaggio P-180 (Avanti II), S/N 1131
 Airframe Hours: 4305.2 Airframe Landings: 3199
 # 1 Engine Hours: 4293.1 TSO: 334.7
 # 1 Engine Cyc/Lndgs: 3290 CSO: 268
 Pratt & Whitney PT6A-66 S/N PCERK-0208

14 May 2011

Complied with the Following Items:

- Applicable Portions P&W Periodic Inspect Guide (AML #125956-8)
- Power Turbine Blade Inspection
- Engine Magnetic Chip Detector Inspection
- P3 Air Filter Inspection
- Engine Magnetic Chip Detector Bridge Inspection
- Engine Oil Filter Inspection

The above maintenance was performed in accordance with Piaggio, Pratt & Whitney, and Hartzell maintenance and component manuals. The Aircraft, Airframe, Engines, Propellers or Appliances stated above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved to return to service. Pertinent details are on file with Avantair, Inc.'s Quality Assurance Department.

575 Aviation Dr.
 Camarillo, CA 93010
 Phone: 805-383-1100
 Fax: 805-383-2037

Signed:  ^{AMP} 552833176
 For Avantair, Inc.

S

AVANTAIR

1 Engine Logbook WO: 10154-N163SL 14 Jun 2011
 N163SL - Piaggio P-180 (Avanti II), S/N 1131
 Airframe Hours: 4425.3 Airframe Landings: 3296
 # 1 Engine Hours: 4413.2 TSO: 454.8
 # 1 Engine Cyc/Lndgs: 3387 CSO: 365
 Pratt & Whitney PT6A-66 S/N PCERK-0208

Complied with the Following Items:

- P&W Periodic Inspect Guide.LP#129252
- P3 Air Filter Inspection
- Engine Oil Filter Inspection
- Engine Magnetic Chip Detector Inspection
- Power Turbine Blade Inspection
- Engine Magnetic Chip Detector Bridge Inspection
- Periodic Borescope Inspection. AML# 129254

Removed and replaced parts list:

Engine Fuel Nozzle Leak & Functional Test. AML# 129252
 PN ON:3119855-01 SN ON:NSN -- PN OFF:3119855-01 SN OFF:NSN

The above maintenance was performed in accordance with Piaggio, Pratt & Whitney, and Hartzell maintenance and component manuals. The Aircraft, Airframe, Engines, Propellers or Appliances stated above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved to return to service. Pertinent details are on file with Avantair, Inc.'s Quality Assurance Department.

575 Aviation Dr.
 Camarillo, CA 93010
 Phone: 805-383-1100
 Fax: 805-383-2037

Signed:

[Signature]
 For Avantair, Inc.

task

| Signature | AME ACA/AMO SCA/AMO |
|-----------|---------------------------|
| | 23 Jul 2011 |
| | 3400 |
| | 589.8 |
| | 469 |

AVANTAIR

Complied with the Following Items:

- APPLICABLE PORTIONS P&W PERIODIC INSPECT GUIDE (ENGINE 1)AML#126060-9
- POWER TURBINE BLADE INSPECTION (ENGINE 1)AML#126061-11
- FUEL PUMP INLET SCREEN INSPECTION (ENGINE 1)AML#126062-13
- ENGINE MAGNETIC CHIP DETECTOR BRIDGE INSPECTION (ENGINE 1)AML#126062-14

The above maintenance was performed in accordance with Piaggio, Pratt & Whitney, and Hartzell maintenance and component manuals. The Aircraft, Airframe, Engines, Propellers or Appliances stated above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved to return to service. Pertinent details are on file with Avantair, Inc.'s Quality Assurance Department.

7515 Lemmon Ave.
 Dallas, TX 75209
 Phone: 469-887-4546

Signed:

[Signature]
 For Avantair, Inc.



Elementary work
 # 1 Engine Logbook WO: 11408-N163SL
 N163SL - Piaggio P-180 (Avanti II), S/N 1131
 Airframe Hours: 4716.8 Airframe Landings: 3534
 # 1 Engine Hours: 4704.7 TSO: 746.3
 # 1 Engine Cyc/Lndgs: 3625 CSO: 603
 Pratt & Whitney PT6A-66 S/N PCERK-0208

28 Aug 2011

of task

- Complied with the Following Items:
- P&W Periodic Inspection
 - P3 Air Filter Inspection
 - Engine Oil Filter Inspection
 - Engine Magnetic Chip Detector Inspection
 - Power Turbine Blade Inspection
 - Engine Magnetic Chip Detector Bridge Inspection

The above maintenance was performed in accordance with Piaggio, Pratt & Whitney, and Hartzell maintenance and component manuals. The Aircraft, Airframe, Engines, Propellers or Appliances stated above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved to return to service. Pertinent details are on file with Avantair, Inc.'s Quality Assurance Department.

4311 General Howard Drive
 Clearwater, FL 33762
 Phone: 727-539-0071
 Fax: 272-539-7007

Signed: [Signature] AWP 3232874
 For Avantair, Inc.

| | | | | |
|--|--|--|--|--|
| | | | | |
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1 Engine Logbook WO: 11987-N163SL
 N163SL - Piaggio P-180 (Avanti II), S/N 1131
 Airframe Hours: 4789.1 Airframe Landings: 3600
 # 1 Engine Hours: 4777.0 TSO: 818.6
 # 1 Engine Cyc/Lndgs: 3691 CSO: 669
 Pratt & Whitney PT6A-66 S/N PCERK-0208

21 Sep 2011

- Complied with the Following Items:
- Engine Magnetic Chip Detector Inspection LP#136344

The above maintenance was performed in accordance with Piaggio, Pratt & Whitney, and Hartzell maintenance and component manuals. The Aircraft, Airframe, Engines, Propellers or Appliances stated above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved to return to service. Pertinent details are on file with Avantair, Inc.'s Quality Assurance Department.

4311 General Howard Drive
 Clearwater, FL 33762
 Phone: 727-539-0071
 Fax: 272-539-7007

Signed: [Signature] 975 AWP 3232874
 For Avantair, Inc.

| | | | | |
|--|--|--|--|--|
| | | | | |
| | | | | |
| | | | | |
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4 Oct 2011

1 Engine Logbook WO: 12187-N163SL
 N163SL - Piaggio P-180 (Avanti II), S/N 1131
 Airframe Hours: 4856.1 Airframe Landings: 3543
 # 1 Engine Hours: 4844.0 TSO: 885.6
 # 1 Engine Cyc/Lndgs: 3734 CSO: 712
 Pratt & Whitney PT6A-66 S/N PCERK-0208

- Complied with the Following Items:

- P&W Periodic Inspect Guide. AML# 122317
- P3 Air Filter Inspection
- Engine Oil Filter Inspection
- Engine Magnetic Chip Detector Inspection
- Power Turbine Blade Inspection
- Oil Scavenge Pump Inlet Screen Insp

Removed and replaced parts list:

Oil Filter Element. AML# 132318
 PN OFF:3059258-01 SN OFF:NSN -- PN ON:3059258-01 SN ON:NSN

The above maintenance was performed in accordance with Piaggio, Pratt & Whitney, and Hartzell maintenance and component manuals. The Aircraft, Airframe, Engines, Propellers or Appliances stated above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved to return to service. Pertinent details are on file with Avantair, Inc.'s Quality Assurance Department.

575 Aviation Dr.
 Camarillo, CA 93010
 Phone: 805-383-1100
 Fax: 805-383-2037

Signed: [Signature] AWP 2208127
 For Avantair, Inc.

1 Engine Logbook WO: 12798-N163SL
 N163SL - Piaggio P-180 (Avanti II), S/N 1131
 Airframe Hours: 4992.6 Airframe Landings: 3753
 # 1 Engine Hours: 4980.5 TSO: 1022.1
 # 1 Engine Cyc/Lndgs: 3845 CSO: 623
 Pratt & Whitney PT6A-66 S/N PCERK-0208

12 Nov 2011

- Complied with the Following Items:

- Applicable Portions P&W Periodic Inspect Guide AML #139384-B
- P3 Air Filter Inspection LP #122162-1
- Engine Oil Filter Inspection LP #122162-1
- Engine Magnetic Chip Detector Inspection LP #122162-1
- Power Turbine Blade Inspection AML #139392-10
- Periodic Borescope Inspection AML #139392-12
- P3 Air Filter Replacement AML #139394-16
- PN OFF:3029267 SN OFF:NA -- PN ON:WF334552 SN ON: NA
- Engine Fuel Nozzle Leak & Functional Test AML # 38394-18
- R/R Fuel Nozzle:
- PN OFF & ON:3119835-01 SN: NA

The above maintenance was performed in accordance with Piaggio, Pratt & Whitney, and Hartzell maintenance and component manuals. The Aircraft, Airframe, Engines, Propellers or Appliances stated above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved to return to service. Pertinent details are on file with Avantair, Inc.'s Quality Assurance Department.

7515 Lemmon Ave.
 Dallas, TX 75209
 Phone: 214-358-6090

Signed: [Signature] Matt Stewart 1255 3585383 AWP
 For Avantair, Inc.

Section 1: Record of engine maintenance and elementary work

| | | |
|---|--|---|
| <p># 1 Engine Logbook N163SL - Piaggio P-180 (Avanti II), S/N 1131 Airframe Hours: 5140.3 Airframe Landings: 3870 # 1 Engine Hours: 5128.2 TSO: 1169.8 # 1 Engine Cyc/Lndgs: 3962 CSO: 940</p> <p>Complied with the Following Items: Pratt & Whitney PT6A-66 S/N PCERK-0208</p> <p>150Hr P&W Periodic Inspections Items per Ch 72-00-00 Table 601 P3 Air Filter Inspection Engine Oil Filter Inspection Engine Magnetic Chip Detector Inspection Power Turbine Blade Inspection Fuel Pump Inlet Screen Inspection</p> <p>The above maintenance was performed in accordance with Piaggio, Pratt & Whitney, and Hartzell maintenance and component manuals. The Aircraft, Airframe, Engines, Propellers or Appliances stated above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved to return to service. Pertinent details are on file with Avantair, Inc.'s Quality Assurance Department.</p> <p>4311 General Howard Drive Clearwater, FL 33762 Phone: 727-539-0071 Fax: 272-539-7007</p> <p>Signed: <i>[Signature]</i> A & P 2659740 For Avantair, Inc.</p> | <p>WO: 13636-N163SL 30 Dec 2011</p> | <p>Signature</p> <p>AME ACA/AMO SCA/AMO</p> |
|---|--|---|

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| <p># 1 Engine Logbook N163SL - Piaggio P-180 (Avanti II), S/N 1131 Airframe Hours: 5279.6 Airframe Landings: 3981 # 1 Engine TSN: 5207.5 TSO: 1309.1 # 1 Engine CSN: 4073 CSO: 1051</p> <p>Complied with the Following Items: Pratt & Whitney PT6A-66 S/N PCERK-0208</p> <p>Applicable Portions P&W Periodic Inspect Guide (AML #150856-13) P3 Air Filter Inspection Engine Oil Filter Inspection Engine Magnetic Chip Detector Inspection Power Turbine Blade Inspection Engine Magnetic Chip Detector Bridge Inspection</p> <p>The above maintenance was performed in accordance with Piaggio, Pratt & Whitney, and Hartzell maintenance and component manuals. The Aircraft, Airframe, Engines, Propellers or Appliances stated above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved to return to service. Pertinent details are on file with Avantair, Inc.'s Quality Assurance Department.</p> <p>575 Aviation Dr. Camarillo, CA 93010 Phone: 805-383-1100 Fax: 805-383-2037</p> <p>Signed: <i>[Signature]</i> A & P 582833176 For Avantair, Inc. 696</p> | <p>WO: 14075-N163SL 11 Feb 2012</p> |
|---|--|

AIR JET EXPRESS AVIATION.
7835 S. PEORIA ST. ENGLEWOOD, CO. 80112

WO# 14752
AIRCRAFT TYPE: PIAGGIO P-180 II Avanti
Pratt & Whitney PT6A-66 S/N PCE RK-0208
Engine No.1: TSN: 5415.3, CSN: 4174,
TSO: 1456.9, CSO: 1152

Registration: N163SL Serial #: 1131 Airframe Hours: 5427.4 Date: MAR 13TH 2012
Cycles: 4082

Accomplished the following:

- 25962-11 COMPLIED WITH 72-00-00 - NO.1 ENGINE PERIODIC INSPECTION; REFER TO PRATT & WHINEY PT6A-66 MAINTENANCE MANUAL CH. 72-00-00, AND TR72-12 FOR WORK PERFORMED.
- 25962-19 OIL FILTER ELEMENT LEFT HAND ENGINE. DISCREPANCY: DURING COMPLIANCE OF P&W PERIODIC INSPECTION IT WAS NOTED THAT THE LEFT HAND ENGINE OIL FILTER WAS DAMAGED, HAD A HOLE INSIDE INNER FILTER SCREEN. MODEL: P&W PT66A-66 PART#: 30592858-01 SERIAL#: NSN ACTION: REMOVED DAMAGED OIL FILTER P/N 3059258-01, S/N NSN. INSTALLED NEWLE MANUFACTURED OIL FILTER ELEMENT P/N 3059258-01, S/N NSN. REFER TO PRATT & WHITNEY CANADA TCCA 24-0078 DATED JULY/08/2008. PERFORMED ENGINE GROUND RUNS, LEAK CHECKS WITH NO DEFECTS NOTED. REFER TO PIAGGIO P-180 II MAINTENANCE MANUAL CH. 79-20-00, AND P&W MAINTENANCE MANUAL CH 79-20-02 FOR WORK PERFORMED.
- All work accomplished with reference from Pratt & Whitney, Piaggio Aircraft Maintenance Manuals, Airworthiness Directives, Service Bulletins, and/or Component Manuals.

AJEA-Work Order # 25962

THE AIRCRAFT IDENTIFIED ABOVE WAS REPAIRED AND/OR INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS, AIRCRAFT MANUFACTURES MAINTENANCE MANUALS, AND/OR COMPONENT MANUFACTURES MAINTENANCE MANUALS AND WAS FOUND TO BE IN AN AIRWORTHY CONDITION AND IS APPROVED FOR RETURN TO SERVICE, FOR THE WORK PERFORMED ABOVE.

Jacob Martinez *[Signature]* A & P # 3128132
William Highfill *[Signature]* A & P # 3503293

PG.01 OF 01

25 Apr 2012
 # 1 Engine Logbook WO: 15374-N163SL
 N163SL - Piaggio P-180 (Avanti II), S/N 1131 4193
 Airframe Hours: 5565.7 Airframe Landings: TSO: 1595.2
 # 1 Engine Hours: 5553.6 CSO: 1263
 # 1 Engine Cyc/Lndgs: 4285
 Pratt & Whitney PT6A-66 S/N PCERK-0208

Complied with the Following Items:

P&W Periodic Inspection Items per Ch 72-00-00 Table 601, all minor & routine items in the P&W MM P/N3036122 R39
 AML#146703-17
 P3 Air Filter Inspection
 Engine Oil Filter Inspection
 Engine Magnetic Chip Detector Inspection
 Power Turbine Blade Inspection AML#146701-19
 Periodic Borescope Inspection AML#146704-21
 Engine Fuel Nozzle Leak & Functional Test AML#146705-23
 PN:3119855-01

The above maintenance was performed in accordance with Piaggio, Pratt & Whitney, and Hartzell maintenance and component manuals. The Aircraft, Airframe, Engines, Propellers or Appliances stated above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved to return to service. Pertinent details are on file with Avantair, Inc.'s Quality Assurance Department.

7315 Lemmon Ave.
 Dallas, TX 75209
 Phone: 214-358-6090

Signed: M.H. Stewart 3585383 A.S.P.
 For Avantair, Inc.



05 Jun 2012
 # 1 Engine Logbook WO: 16179-N163SL
 N163SL - Piaggio P-180 (Avanti II), S/N 1131 4300
 Airframe Hours: 5700.2 Airframe Landings: TSO: 1729.7
 # 1 Engine Hours: 5688.1 CSO: 1370
 # 1 Engine Cyc/Lndgs: 4392
 Pratt & Whitney PT6A-66 S/N PCERK-0208

Complied with the Following Items:

P&W Periodic Inspection Items per CH 72-00-00 Table 601 TR 72-13, all minor and routine items AML # 146836-23
 P3 Air Filter Inspection
 Engine Oil Filter Inspection
 Engine Magnetic Chip Detector Inspection
 Power Turbine Blade Inspection AML # 146837-25
 Fuel Pump Inlet Screen Inspection AML # 146837-27

The above maintenance was performed in accordance with Piaggio, Pratt & Whitney, and Hartzell maintenance and component manuals. The Aircraft, Airframe, Engines, Propellers or Appliances stated above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved to return to service. Pertinent details are on file with Avantair, Inc.'s Quality Assurance Department.

7515 Lemmon Ave.
 Dallas, TX 75209
 Phone: 214-358-6090

Signed: [Signature] 3018209 A.S.P.
 For Avantair, Inc.



10 Jul 2012
 # 1 Engine Logbook WO: 16815-N163SL
 N163SL - Piaggio P-180 (Avanti II), S/N 1131 4406
 Airframe Hours: 5848.4 Airframe Landings: TSO: 1877.9
 # 1 Engine Hours: 5836.3 CSO: 1476
 # 1 Engine Cyc/Lndgs: 4498
 Pratt & Whitney PT6A-66 S/N PCERK-0208

Complied with the Following Items:

P&W Periodic Inspection Items Per Ch 72-00-00 Table 601, All Minor And Routine Items. AML #162079-4
 Oil Scavenge Pump Inlet Screen Inspections (Low Humidity) AML #162096-6
 Engine Magnetic Chip Detector Inspection AML #162097-11
 Engine Magnetic Chip Detector Bridge Inspection AML #162100-19
 Power Turbine Blade Inspection AML #162107-21

The above maintenance was performed in accordance with Piaggio, Pratt & Whitney, and Hartzell maintenance and component manuals. The Aircraft, Airframe, Engines, Propellers or Appliances stated above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved to return to service. Pertinent details are on file with Avantair, Inc.'s Quality Assurance Department.

7515 Lemmon Ave.
 Dallas, TX 75209
 Phone: 214-358-6090

Signed: [Signature] 1277
 For Avantair, Inc. 101 9/6/49/18707



2 Aug 2012
 # 1 Engine Logbook WO: 17127-N163SL
 N163SL - Piaggio P-180 (Avanti II), S/N 1131
 Airframe Hours: 5929.7 Airframe Landings: 4468
 # 1 Engine Hours: 5917.6 TSO: 1959.2
 # 1 Engine Cyc/Lndgs: 4560 CSO: 1538
 Pratt & Whitney PT6A-66 S/N PCERK-0208

Complied with the Following Items:

- Engine Minor Inspection IAW P&W MM 72-00-00 Periodic Inspection TR-72-13 Table 601 (AML #162372-3)
- P3 Air Filter Inspection
- Engine Oil Filter Inspection

The above maintenance was performed in accordance with Piaggio, Pratt & Whitney, and Hartzell maintenance and component manuals. The Aircraft, Airframe, Engines, Propellers or Appliances stated above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved to return to service. Pertinent details are on file with Avantair, Inc.'s Quality Assurance Department.

575 Aviation Dr.
 Camarillo, CA 93010
 Phone: 805-383-1100
 Fax: 805-383-2037

Signed: [Signature] ^{A&P}
 For Avantair, Inc. 552-833176



| | | | |
|------------------------|-----------------|-------------|-------------------|
| N163SL | Piaggio P-180II | ATT: 5960.3 | WO # 17304-N163SL |
| DATE: 8/15/2012 | Serial #: 1131 | LDGS: 4492 | |
| Engine S/N: PCE-RK0208 | TTSN: 5948.2 | TCSN: 4584 | |
| Model: PT6A-66 | TSO: 1989.8 | CSO: 1562 | |

Hot Section due at TTSN: 5948.2

Removed and installed reworked Hot Section components. Removed and installed serviceable fuel nozzles. All work performed in accordance with section 72-50-01, 72-50-02, 72-40-00 and 73-11-05 in the Pratt & Whitney Canada Maintenance Manual P/N 3036122 Rev. 39.

Next Hot Section due at TTSN: 7948.2

The above maintenance was performed in accordance with Piaggio, Pratt & Whitney, and Hartzell maintenance and component manuals. The Aircraft, Airframe, Engines, Propellers, or Appliances stated above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved to return to service. Pertinent details are on file with Avantair, Inc.'s Quality Assurance Department.

Authorized Signature [Signature] ⁹⁵⁵ A&P# 3447739



9 Aug 2012
 # 1 Engine Logbook WO: 17304-N163SL
 N163SL - Piaggio P-180 (Avanti II), S/N 1131
 Airframe Hours: 5960.3 Airframe Landings: 4492
 # 1 Engine Hours: 5948.2 TSO: 1989.8
 # 1 Engine Cyc/Lndgs: 4584 CSO: 1562
 Pratt & Whitney PT6A-66 S/N PCERK-0208

Complied with the Following Items:

- SB 72-14452 Rev 1 Replacement of Electrical Oil Level Filler Cap and Indicator. This Action Complies with AMOC for AD 2010-21-08 Terminating the Repetitive Inspection Requirements of AD 2010-21-08. LP# 165640

The above maintenance was performed in accordance with Piaggio, Pratt & Whitney, and Hartzell maintenance and component manuals. The Aircraft, Airframe, Engines, Propellers or Appliances stated above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved to return to service. Pertinent details are on file with Avantair, Inc.'s Quality Assurance Department.

4311 General Howard Drive
 Clearwater, FL 33762
 Phone: 727-539-0071
 Fax: 272-539-7007

Signed: [Signature] ^{A&P}
 For Avantair, Inc.

ENGINE MODEL (#1): PT8A-66
 ENGINE S/N (#1): PCE-RK0208
 REG. NO: N163SL
 WORK ORDER: 13-1120

Access Aviation Maintenance Services
 3028 Peacockeep Way
 McClellan, CA 95652
 Phone: 916-333-5684

DATE: 1/18/2013
 Airframe TT: 6160.6
 ENG TT (#1): 8150.6
 ENG TC (#1): 4715
 ENG TSO (#1): 2192.1
 ENG TC80 (#1): 1693

Engine #1 Entries

- 20 Accomplished #1 Engine applicable portions of P&W Periodic Inspection Guide IAW P&W MM 72-00-00 TR72-14 Table 601, all minor & routine items. No defects noted.
- 22 Accomplished #1 Engine magnetic chip detector inspection IAW P180 Avanti II MM 79-30-00. No defects noted.
- 24 Accomplished #1 Engine power turbine blade inspection (Post P&W SB14172) IAW P&W MM 72-00-00. No defects noted.
- 28 Removed & replaced #1 engine oil filter element with new element IAW P180 Avanti II MM 79-20-00. Ops & Leak check good. P/N Off/On: 3058258-01
- 29 Accomplished 150 hour #1 Engine inspection IAW P&W MM 72-00-00.

THE AIRCRAFT AND/OR COMPONENT(S) IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED USING THE MANUFACTURER'S MAINTENANCE MANUAL AND IN ACCORDANCE WITH CURRENT RULES OF THE FEDERAL AVIATION REGULATIONS. THIS AIRFRAME AND/OR ENGINE(S) AND/OR PROPELLER(S) HAS BEEN FOUND AIRWORTHY FOR RETURN TO SERVICE.

DATE: 1/18/2013

SIGNED:

CRS#7XAR138C

Work Order: 13-1120

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ENGINE MODEL (#1): PT8A-66
 ENGINE S/N (#1): PCE-RK0208
 REG. NO: N163SL
 WORK ORDER: 13-1202

Access Aviation Maintenance Services
 3028 Peacockeep Way
 McClellan, CA 95652
 Phone: 916-333-5684

20115

DATE: 2/22/2013
 Airframe TT: 6297.2
 ENG TT (#1): 8285.1
 ENG TC (#1): 5008
 ENG TSO (#1): 2126.7
 ENG TC80 (#1): 1786

Engine #1 Entries

- 19 Accomplished #1 Engine applicable portions of P&W Periodic Inspection Guide IAW P&W MM 72-00-00 Rev.40 Table 601, all minor & routine items. No defects noted.
- 21 Accomplished #1 Engine power turbine blade inspection (Post P&W SB14172) IAW P&W MM 72-00-00. Leak & ops check good. P/N Off: 1743645-02
- 25 Removed & replaced #1 Engine fuel filter with new filter IAW P180 Avanti II MM 28-20-00. Leak & ops check good. P/N Off: 1743645-02
- 27 Accomplished 200 hour #1 Engine inspection IAW P&W MM 72-00-00.

THE AIRCRAFT AND/OR COMPONENT(S) IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED USING THE MANUFACTURER'S MAINTENANCE MANUAL AND IN ACCORDANCE WITH CURRENT RULES OF THE FEDERAL AVIATION REGULATIONS. THIS AIRFRAME AND/OR ENGINE(S) AND/OR PROPELLER(S) HAS BEEN FOUND AIRWORTHY FOR RETURN TO SERVICE.

DATE: 2/22/2013

SIGNED:

CRS#7XAR138C

Work Order: 13-1202

Printed by EBis 3 (datamedia.com)

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ENGINE MODEL (#1): PT8A-66
 ENGINE S/N (#1): PCE-RK0208
 REG. NO: N163SL
 WORK ORDER: 13-1120

Access Aviation Maintenance Services
 3028 Peacockeep Way
 McClellan, CA 95652
 Phone: 916-333-5684

19792

DATE: 1/10/2013
 Airframe TT: 6162.6
 ENG TT (#1): 8150.6
 ENG TC (#1): 4715
 ENG TSO (#1): 2192.1
 ENG TC80 (#1): 1693

Engine #1 Entries

- 20 Accomplished #1 Engine applicable portions of P&W Periodic Inspection Guide IAW P&W MM 72-00-00 TR72-14 Table 601, all minor & routine items. No defects noted.
- 22 Accomplished #1 Engine magnetic chip detector inspection IAW P180 Avanti II MM 79-30-00. No defects noted.
- 24 Accomplished #1 Engine power turbine blade inspection (Post P&W SB14172) IAW P&W MM 72-00-00. No defects noted.
- 28 Removed & replaced #1 engine oil filter element with new element IAW P180 Avanti II MM 79-20-00. Ops & Leak check good. P/N Off/On: 3058258-01
- 29 Accomplished 150 hour #1 Engine inspection IAW P&W MM 72-00-00.

THE AIRCRAFT AND/OR COMPONENT(S) IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED USING THE MANUFACTURER'S MAINTENANCE MANUAL AND IN ACCORDANCE WITH CURRENT RULES OF THE FEDERAL AVIATION REGULATIONS. THIS AIRFRAME AND/OR ENGINE(S) AND/OR PROPELLER(S) HAS BEEN FOUND AIRWORTHY FOR RETURN TO SERVICE.

DATE: 1/18/2013

SIGNED:

CRS#7XAR138C

Work Order: 13-1120

Printed by EBis 3 (datamedia.com)

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Transport
Canada

Transports
Canada

ENG #1

RK0208

TP 14182E



(Revised 05/2005)

Engine Logbook

POWER SECTION

MODULE LOG BOOK

Canada

Volume #: 1

Opened on: 24 JAN 2007

ENGINE DETAILS

1. Manufacturer Pratt & Whitney Canada Corp.
2. Type/Model/Series PT6A-66 B/S: 677
3. Serial Number PS-RK0208

Other related Transport Canada Publications:

TP 14089B
TP 14058E/F

Previous Edition:

TP 3910E, 2nd Edition (Jan. 1987)
TP 14182E (Dec. 2003)

Printed in Canada.

Please direct your comments, orders and inquiries to:

Transport Canada
Civil Aviation Communications Centre (AARC)
Place de Ville,
Tower C, 5th Floor
330 Sparks Street
Ottawa, ON K1A 0N8

Telephone: 1 800 305-2059
Fax: 613 957-4208
E-mail: services@tc.gc.ca

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TP 14182E
(05/2005)
TC-1001185
Catalogue No. T52-4/2-2003E

Section 1: Record of engine maintenance and elementary work

| Date --/--/-- | Time since new | Time since overhaul | Total cycles | Details of task | Signature | AME ACA/AMO SCA/AMO |
|------------------|-------------------|------------------------|--------------|---|--|---------------------------|
| 24 JAN 2007 | 0.0 | 0.0 | 0 | New engine final acceptance test completed satisfactorily and is in condition for safe operation. | This Power Section module is combined with Gas Generator. S/N: PCE- <u>RK0208</u> NG/NO <u>35000</u> RPM, at <u>850</u> SHP / 8N0 ITT Trim: <u>4.9</u> ° T5 Trim resistance: <u>223.0</u> Ohms B. HORVATH (b2) <i>B. Horvath</i> L. DAMONTE (RP 32) TC. 4-48 NO. 022 | |
| 07 MAR. 2007 | 0.0 | -- | 0 | THIS ENGINE HAS BEEN FILLED | WITH OIL MOBIL JET II MIL-PRF 23699. | |
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Section 1: Record of engine maintenance and elementary work

| Date --/--/-- | Time since new | Time since overhaul | Total cycles | Details of task | Signature | AME ACA/AMO SCA/AMO |
|------------------|-------------------|------------------------|--------------|-----------------|-----------|---------------------------|
|------------------|-------------------|------------------------|--------------|-----------------|-----------|---------------------------|

avantair[®]

| | | | |
|--------------|--------------------------|---------------------|-----------|
| N1628 | SERIAL #: 1130 | ACTSN: 145.5 | WO # 1198 |
| DATE 7/23/07 | Pratt & Whitney- PT6A-66 | AC CSN: 113 | |
| | SERIAL #: RK0208 | ENG TSN: 145.5 TSO: | |
| | POSITION: #1 | ENG CSN: 113 CSO: | |

Performed 150 HOUR INSPECTION in accordance with Pratt & Whitney PT6A-66 M/M 3036122. Complied with the following Scheduled Inspection items:

- 150 hr 1 Year Engine Mounts and Vibration Isolators Inspection
- 50 hr Applicable Portions P&W Periodic Inspection Guide
- 100 hr PA Air Filter Inspection
- 150 hr 1 Year Engine Controls Inspection
- 100 hr Engine Oil Filter Inspection
- 100 hr Engine Magnetic Chip Detector Inspection
- 300 hr Fuel Nozzle Leak and Functional Test

Complied with the following AD's and SB's:

- None complied with at this time.

Performed the following Maintenance:


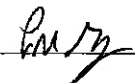
- Installed A PT6 O-Ring kit.
- Serviced Engine with BP 2380 Turbine oil.
- Security leak and functional checks performed with no faults found.
- R/R Oil Filter Element P/N 3034292

The above maintenance was performed in accordance with Piaggio, Pratt & Whitney, and Hartzell maintenance and component manual. The Aircraft, Airframe, Engines, Propellers, or Appliances stated above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved to return to service. Pertinent details are on file with Avantair, Inc.'s Quality Assurance Department.

Authorized Signature: *MAR*

Certificate Number: *261570131 A-17*


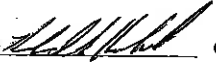
Section 1: Record of engine maintenance and elementary work

| Date --/~/-- | Time since new | Time since overhaul | Total cycles | Details of task | Signature | AME ACA/AMO SCA/AMO |
|--|-------------------------------------|------------------------|----------------------------|----------------------|------------------|---------------------------|
|  | | | | | | |
| N162SL | | SERIAL #: 1130 | | AC TSN: 291.5 | WO # 1474 | |
| DATE: 8/28/07 | Pratt & Whitney- PT6A-66 | | AC CSN: 231 | | | |
| | SERIAL #: RK0208 | | ENG TSN: 291.5 TSO: | | | |
| | POSITION: #1 | | ENG CSN: 231 CSO: | | | |
| <p>Performed 150 HOUR INSPECTION in accordance with Pratt & Whitney PT6A-66 M/M 3036122.</p> <p>Complied with the following Scheduled Inspection items:</p> <ul style="list-style-type: none"> • 150 hr/1 Year Engine Mounts and Vibration Isolators Inspection • 150 hr Applicable Portions P&W Periodic Inspection Guide • 100 hr P3 Air Filter Inspection • 150 hr/1 Year Engine Controls Inspection • 100 hr Engine Oil Filter Inspection • 100 hr Engine Magnetic Chip Detector Inspection • 300 hr Fuel Nozzle Leak and Functional Test <p>Complied with the following AD's and SB's:</p> <ul style="list-style-type: none"> • None complied with at this time. <p>Performed the following Maintenance:</p> <ul style="list-style-type: none"> • Installed A PT6 O-Ring kit. • Serviced Engine with BP 2380 Turbine oil. • Security leak and functional checks performed with no faults found. • R/R Oil Filter Element P/N 3034292WFC <p>The above maintenance was performed in accordance with Piaggio, Pratt & Whitney, and Hartzell maintenance and component manuals. The Aircraft, Airframe, Engines, Propellers, or Appliances stated above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved to return to service. Pertinent details are on file with Avantair, Inc.'s Quality Assurance Department.</p> <p>Authorized Signature  Certificate Number 9254687</p> | | | | | | |
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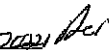
Section 1: Record of engine maintenance and elementary work

| Date --/--/-- | Time since new | Time since overhaul | Total cycles | Details of task | Signature | AME ACA/AMO SCA/AMO |
|--|-------------------|------------------------|--------------|-----------------|-----------|---------------------------|
| <p>TETERBORO R.A.M.S. LLC 333 INDUSTRIAL AVE. TETERBORO, NJ 07608 201 288-1818</p> <p>DATE: 10/04/07 REG: N162SL A/C TYPE AVANTIP-180 II A/C S/N: 1130 A/C TOTAL TIME: 435.4 A/C TOTAL CYCLES: 338</p> <p>#1 ENGINE TOTAL TIME: 435.4 #1 ENGINE TOTAL CYCLES: 338</p> <p>THE FOLLOWING WORK HAS BEEN COMPLIED WITH: 1. 150 HR INSP PER P&W PT6A-66 MANUAL 2. PER JSSI COVERED ENG., REPLACE #1 ENG OIL FILTER DESCRIPTION: FILTER, OIL P/N: 5034292WFC S/N: NSN</p> <p>THE FOLLOWING WORK HAS BEEN PERFORMED USING THE MANUFACTURERS MAINTENANCE MANUAL. THIS AIRFRAME AND/OR ENGINE(S) IS APPROVED FOR RETURN TO SERVICE.</p> <p>NAME: J. ESPALLAT CERTIFICATE: A&P 3028781 DATE: 10/04/07</p> <p>SIGNATURE: <i>Joe Gallat</i></p> | | | | | | |
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Section 1: Record of engine maintenance and elementary work

| Date --/--/-- | Time since new | Time since overhaul | Total cycles | Details of task | Signature | AME ACA/AMO SCA/AMO | | | | | | | | | | | | | | | | |
|---|-------------------------------------|----------------------------|------------------|-----------------|-----------|---------------------------|---------------|-----------------------|----------------------|------------------|------------------------|-------------------------------------|--------------------|--|--|-------------------------|----------------------------|--|--|---------------------|--------------------------|--|
|  | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <tr> <td>N162SL</td> <td>SERIAL #: 1130</td> <td>AC TSN: 588.5</td> <td>WO # 1949</td> </tr> <tr> <td>DATE 11/28/2007</td> <td>Pratt & Whitney- PT6A-66</td> <td>AC CSN: 459</td> <td></td> </tr> <tr> <td></td> <td>SERIAL #: RK0208</td> <td>ENG TSN: 588.5 TSO:</td> <td></td> </tr> <tr> <td></td> <td>POSITION: #1</td> <td>ENG CSN: 459 CSO:</td> <td></td> </tr> </table> | | | | | | | N162SL | SERIAL #: 1130 | AC TSN: 588.5 | WO # 1949 | DATE 11/28/2007 | Pratt & Whitney- PT6A-66 | AC CSN: 459 | | | SERIAL #: RK0208 | ENG TSN: 588.5 TSO: | | | POSITION: #1 | ENG CSN: 459 CSO: | |
| N162SL | SERIAL #: 1130 | AC TSN: 588.5 | WO # 1949 | | | | | | | | | | | | | | | | | | | |
| DATE 11/28/2007 | Pratt & Whitney- PT6A-66 | AC CSN: 459 | | | | | | | | | | | | | | | | | | | | |
| | SERIAL #: RK0208 | ENG TSN: 588.5 TSO: | | | | | | | | | | | | | | | | | | | | |
| | POSITION: #1 | ENG CSN: 459 CSO: | | | | | | | | | | | | | | | | | | | | |
| <p>Performed 600 HOUR INSPECTION in accordance with Pratt & Whitney PT6A-66 M/M 3036122.</p> <p><u>Complied with the following Scheduled Inspection items:</u></p> <ul style="list-style-type: none"> • 150 hr/1 Year Engine Mounts and Vibration Isolators Inspection • 150 hr Applicable Portions P&W Periodic Inspection Guide • 100 hr P3 Air Filter Inspection • 150 hr/1 Year Engine Controls Inspection • 100 hr Engine Oil Filter Inspection • 100 hr Engine Magnetic Chip Detector Inspection • Fuel Nozzle Leak and Functional Test • Fuel Pump Inlet Screen Inspection • Sundstrand Fuel Pump In-Situ Inspection • Engine Magnetic Chip Detector Inspection • Engine Magnetic Chip Detector Bridge Inspection • Borescope Inspection <p><u>Complied with the following AD's and SB's:</u></p> <ul style="list-style-type: none"> • None complied with at this time. <p><u>Performed the following Maintenance:</u></p> <ul style="list-style-type: none"> • Installed A PT6 O-Ring kit. • Serviced Engine with BP 2380 Turbine oil. • Security leak and functional checks performed with no faults found. • R/R Fuel Nozzles P/N 3119855-01 • R&R Engine Oil Filter P/N 3034292WFC <p>The above maintenance was performed in accordance with Piaggio, Pratt & Whitney, and Hartzell maintenance and component manuals. The Aircraft, Airframe, Engines, Propellers, or Appliances stated above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved to return to service. Pertinent details are on file with Avantair, Inc.'s Quality Assurance Department.</p> | | | | | | | | | | | | | | | | | | | | | | |
| <p>Authorized Signature:  Certificate Number AMP 2184992</p> | | | | | | | | | | | | | | | | | | | | | | |
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Section 1: Record of engine maintenance and elementary work


| Date --/--/-- | Time since new | Time since overhaul | Total cycles | Details of task | Signature | AME ACA/AMO SCA/AMO | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--------------------------|------------------------|--------------|-----------------|-----------|---------------------------|--------|----------------|---------------|-----------|--|--|--|----------------|--------------------------|-------------|--|--|--|--|--|------------------|---------------------|--|--|--|--|--|--------------|-------------------|--|--|--|--|
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| Camarillo-Avantair CMA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">N162SL</td> <td style="width: 20%;">SERIAL #: 1130</td> <td style="width: 20%;">AC TSN: 740.7</td> <td style="width: 15%;">WO # 2295</td> <td colspan="3"></td> </tr> <tr> <td>DATE: 01/07/08</td> <td>Pratt & Whitney- PT6A-66</td> <td>AC CSN: 563</td> <td></td> <td colspan="3"></td> </tr> <tr> <td></td> <td>SERIAL #: RK0208</td> <td>ENG TSN: 740.7 TSO:</td> <td></td> <td colspan="3"></td> </tr> <tr> <td></td> <td>POSITION: #1</td> <td>ENG CSN: 563 CSO:</td> <td></td> <td colspan="3"></td> </tr> </table> | | | | | | | N162SL | SERIAL #: 1130 | AC TSN: 740.7 | WO # 2295 | | | | DATE: 01/07/08 | Pratt & Whitney- PT6A-66 | AC CSN: 563 | | | | | | SERIAL #: RK0208 | ENG TSN: 740.7 TSO: | | | | | | POSITION: #1 | ENG CSN: 563 CSO: | | | | |
| N162SL | SERIAL #: 1130 | AC TSN: 740.7 | WO # 2295 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DATE: 01/07/08 | Pratt & Whitney- PT6A-66 | AC CSN: 563 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | SERIAL #: RK0208 | ENG TSN: 740.7 TSO: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | POSITION: #1 | ENG CSN: 563 CSO: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>Performed 150 HOUR INSPECTION in accordance with Pratt & Whitney PT6A-66 M/M 3036122.</p> <p>Complied with the following Scheduled Inspection items:</p> <ul style="list-style-type: none"> • 150 hr/1 Year Engine Mounts and Vibration Isolators Inspection • 150 hr Applicable Portions P&W Periodic Inspection Guide • 100 hr P3 Air Filter Inspection • 150 hr/1 Year Engine Controls Inspection • 100 hr Engine Oil Filter Inspection • 100 hr Engine Magnetic Chip Detector Inspection • 300 hr Fuel Nozzle Leak and Functional Test <p>Complied with the following AD's and SB's:</p> <ul style="list-style-type: none"> • None complied with at this time. <p>Performed the following Maintenance:</p> <ul style="list-style-type: none"> • Installed A PT6 O-Ring kit. • Serviced Engine with BP 2380 Turbine oil. • Security leak and functional checks performed with no faults found. • R/R Oil Filter Element P/N 3034292WFC <p>The above maintenance was performed in accordance with Piaggio, Pratt & Whitney, and Hartzell maintenance and component manuals. The Airframe, Airframe, Engines, Propellers, or Appliances stated above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved to return to service. Pertinent details are on file with Avantair, Inc.'s Quality Assurance Department.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Authorized Signature:  Certificate Number: <u>20157001</u>  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Empty grid area for additional entries | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Section 1: Record of engine maintenance and elementary work

| Date --/--/-- | Time since new | Time since overhaul | Total cycles | Details of task | Signature | AME ACA/AMO SCA/AMO |
|--|-------------------|------------------------|--------------|-----------------|-----------|---------------------------|
| <p>TETERBORO RAMS, LLC 333 INDUSTRIAL AVE TETERBORO, NJ 07608 201 288-1818</p> <p>DATE: 02/21/08 REG: N162SL A/C TYPE: AVANTI P-180 II A/C S/N: 1130 A/C TOTAL TIME: 888.7 A/C TOTAL CYCLES: 670</p> <p>#1 ENGINE TOTAL TIME: 888.7 #1 ENGINE TOTAL CYCLES: 670</p> <p>THE FOLLOWING WORK HAS BEEN COMPLIED WITH: 1. 150 HR INSP PER P&W PT6A-66 MANUAL 2. PER JSS COVERED ENG., REPLACE #1 ENG OIL FILTER DESCRIPTION: FILTER, OIL P/N: 3034292WFC S/N: NSN 3. REPLACE P3 AIR FILTER (1000HR). P/N: P-1018 S/N: NSN</p> <p>THE FOLLOWING WORK HAS BEEN PERFORMED USING THE MANUFACTURERS MAINTENANCE MANUAL THIS AIRFRAME AND/OR ENGINE(S) IS APPROVED FOR RETURN TO SERVICE</p> <p>NAME: J ESPILLAT CERTIFICATE: A&P 3028781 DATE: 02/21/08</p> <p>SIGNATURE: <u>Joe Espillat</u></p> | | | | | | |
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Section 1: Record of engine maintenance and elementary work

| Date --/--/-- | Time since new | Time since overhaul | Total cycles | Details of task | Signature | AME ACA/AMO SCA/AMO |
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| N162SL | SERIAL #: 1130 | AC TSN: 1031.5 | WO # 3051 |
| DATE: 4/3/2008 | Pratt & Whitney- PT6A-66 | AC CSN: 768 | |
| | SERIAL #: RK0208 | ENG TSN: 1031.5 TSO: | |
| | POSITION: #1 | ENG CSN: 768 CSO: | |

Performed 150 HOUR INSPECTION in accordance with Pratt & Whitney PT6A-66 M/M 3036122.
 Complied with the following Scheduled Inspection items:

- 150 hr/1 Year Engine Mounts and Vibration Isolators Inspection
- 150 hr Applicable Portions P&W Periodic Inspection Guide
- 100 hr P3 Air Filter Inspection
- 150 hr/1 Year Engine Controls Inspection
- 100 hr Engine Oil Filter Inspection
- 100 hr Engine Magnetic Chip Detector Inspection
- 300 hr Fuel Nozzle Leak and Functional Test

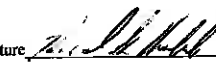
Complied with the following AD's and SB's:

- None complied with at this time.


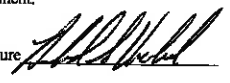
Performed the following Maintenance:

- Installed A PT6 O-Ring kit.
- Serviced Engine with BP 2380 Turbine oil.
- Security leak and functional checks performed with no faults found.
- R/R Oil Filter Element P/N 3034292WFC

The above maintenance was performed in accordance with Piaggio, Pratt & Whitney, and Hartzell maintenance and component manuals. The Aircraft, Airframe, Engines, Propellers, or Appliances stated above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved to return to service. Pertinent details are on file with Avantair, Inc.'s Quality Assurance Department.

Authorized Signature  Certificate Number 44A 3184442

Section 1: Record of engine maintenance and elementary work

| Date --/--/-- | Time since new | Time since overhaul | Total cycles | Details of task | Signature | AME ACA/AMO SCA/AMO | | | | | | | | | | | | | | | | |
|--|--------------------------|------------------------|--------------|-----------------|-----------|---------------------------|--------|----------------|----------------|-----------|---------------|--------------------------|-------------|--|--|------------------|----------------------|--|--|--------------|-------------------|--|
|  <p>Avantair Camarillo CMA</p> <table border="1" data-bbox="416 373 1357 462"> <tr> <td>N162SL</td> <td>SERIAL #: 1130</td> <td>AC TSN: 1194.2</td> <td>WO # 3327</td> </tr> <tr> <td>DATE: 5/15/08</td> <td>Pratt & Whitney- PT6A-66</td> <td>AC CSN: 890</td> <td></td> </tr> <tr> <td></td> <td>SERIAL #: RK0208</td> <td>ENG TSN: 1194.2 TSO:</td> <td></td> </tr> <tr> <td></td> <td>POSITION: #1</td> <td>ENG CSN: 890 CSO:</td> <td></td> </tr> </table> <p>Performed Extended 600 HOUR INSPECTION in accordance with Pratt & Whitney PT6A-66 M/M 3036122.</p> <p>Complied with the following Scheduled Inspection items:</p> <ul style="list-style-type: none"> • 150 hr/1 Year Engine Mounts and Vibration Isolators Inspection • 150 hr Applicable Portions P&W Periodic Inspection Guide • 100 hr P3 Air Filter Inspection • 150 hr/1 Year Engine Controls Inspection • 100 hr Engine Oil Filter Inspection • 100 hr Engine Magnetic Chip Detector Inspection • Fuel Nozzle Leak and Functional Test • Fuel Pump Inlet Screen Inspection • Engine Magnetic Chip Detector Inspection • Engine Magnetic Chip Detector Bridge Inspection • Borescope Inspection <p>Complied with the following AD's and SB's:</p> <ul style="list-style-type: none"> • None complied with at this time. <p>Performed the following Maintenance:</p> <ul style="list-style-type: none"> • Installed A PT6 O-Ring kit. • Serviced Engine with BP 2380 Turbine oil. • Security leak and functional checks performed with no faults found. • R/R Fuel Nozzles P/N 3119855-01 • R/R Oil Filter Element P/N 3034292WFC <p>The above maintenance was performed in accordance with Piaggio, Pratt & Whitney, and Hartzell maintenance and component manuals. The Aircraft, Airframe, Engines, Propellers, or Appliances stated above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved to return to service. Pertinent details are on file with Avantair, Inc.'s Quality Assurance Department.</p> <p>Authorized Signature <u></u> Certificate Number <u>378V44</u></p> | | | | | | | N162SL | SERIAL #: 1130 | AC TSN: 1194.2 | WO # 3327 | DATE: 5/15/08 | Pratt & Whitney- PT6A-66 | AC CSN: 890 | | | SERIAL #: RK0208 | ENG TSN: 1194.2 TSO: | | | POSITION: #1 | ENG CSN: 890 CSO: | |
| N162SL | SERIAL #: 1130 | AC TSN: 1194.2 | WO # 3327 | | | | | | | | | | | | | | | | | | | |
| DATE: 5/15/08 | Pratt & Whitney- PT6A-66 | AC CSN: 890 | | | | | | | | | | | | | | | | | | | | |
| | SERIAL #: RK0208 | ENG TSN: 1194.2 TSO: | | | | | | | | | | | | | | | | | | | | |
| | POSITION: #1 | ENG CSN: 890 CSO: | | | | | | | | | | | | | | | | | | | | |
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Section 1: Record of engine maintenance and elementary work

| Date --/--/-- | Time since new | Time since overhaul | Total cycles | Details of task | Signature | AME ACA/AMO SCA/AMO |
|------------------|-------------------|------------------------|--------------|-----------------|-----------|---------------------------|
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Avantair

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|----------------|--------------------------|----------------------|-----------|
| N162SL | SERIAL #: 1130 | AC TSN: 1329.7 | WO # 3660 |
| DATE: 7/1/2008 | Pratt & Whitney- PT6A-66 | AC CSN: 1018 | |
| | SERIAL #: RK0208 | ENG TSN: 1329.7 TSO: | |
| | POSITION: #1 | ENG CSN: 1022 CSO: | |

Performed 150 HOUR INSPECTION in accordance with Pratt & Whitney PT6A-66 M/M 3036122.
 Complied with the following Scheduled Inspection items:

- 150 hr/1 Year Engine Mounts and Vibration Isolators Inspection
- 150 hr Applicable Portions P&W Periodic Inspection Guide
- 100 hr P3 Air Filter Inspection
- 150 hr/1 Year Engine Controls Inspection
- 100 hr Engine Oil Filter Inspection
- 100 hr Engine Magnetic Chip Detector Inspection
- 300 hr Fuel Nozzle Leak and Functional Test

Complied with the following AD's and SB's:

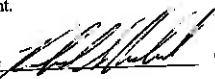
- None complied with at this time.

Performed the following Maintenance:

- Installed A PT6 O-Ring kit.
- Serviced Engine with BP 2380 Turbine oil.
- Security leak and functional checks performed with no faults found.
- R/R Oil Filter Element P/N 3059258-01

The above maintenance was performed in accordance with Piaggio, Pratt & Whitney, and Hartzell maintenance and component manuals. The Aircraft, Airframe, Engines, Propellers, or Appliances stated above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved to return to service. Pertinent details are on file with Avantair, Inc.'s Quality Assurance Department.


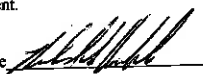
Authorized Signature




Certificate Number

1472184442

Section 1: Record of engine maintenance and elementary work

| Date --/--/-- | Time since new | Time since overhaul | Total cycles | Details of task | Signature | AME ACA/AMO SCA/AMO | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--------------------------|------------------------|--------------|--------------------------------------|-----------|---------------------------|--------|----------------|----------------|-----------|--|--|--|-----------------|--------------------------|--------------|--|--|--|--|--|------------------|-----------------|------|--|--|--|--|--------------|---------------|------|--|--|--|
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Avantair Camarillo CMA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">N162SL</td> <td style="width: 20%;">SERIAL #: 1130</td> <td style="width: 20%;">AC TSN: 1486.7</td> <td style="width: 15%;">WO # 4051</td> <td colspan="3"></td> </tr> <tr> <td>DATE: 8/12/2008</td> <td>Pratt & Whitney- PT6A-66</td> <td>AC CSN: 1139</td> <td></td> <td colspan="3"></td> </tr> <tr> <td></td> <td>SERIAL #: RK0208</td> <td>ENG TSN: 1486.7</td> <td>TSO:</td> <td colspan="3"></td> </tr> <tr> <td></td> <td>POSITION: #1</td> <td>ENG CSN: 1143</td> <td>CSO:</td> <td colspan="3"></td> </tr> </table> | | | | | | | N162SL | SERIAL #: 1130 | AC TSN: 1486.7 | WO # 4051 | | | | DATE: 8/12/2008 | Pratt & Whitney- PT6A-66 | AC CSN: 1139 | | | | | | SERIAL #: RK0208 | ENG TSN: 1486.7 | TSO: | | | | | POSITION: #1 | ENG CSN: 1143 | CSO: | | | |
| N162SL | SERIAL #: 1130 | AC TSN: 1486.7 | WO # 4051 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DATE: 8/12/2008 | Pratt & Whitney- PT6A-66 | AC CSN: 1139 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | SERIAL #: RK0208 | ENG TSN: 1486.7 | TSO: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | POSITION: #1 | ENG CSN: 1143 | CSO: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>Performed EXTENDED 150 HOUR INSPECTION in accordance with Pratt & Whitney PT6A-66 M/M 3036122. Complied with the following Scheduled Inspection items:</p> <ul style="list-style-type: none"> • 150 hr/1 Year Engine Mounts and Vibration Isolators Inspection • 150 hr Applicable Portions P&W Periodic Inspection Guide • 100 hr P3 Air Filter Inspection • 150 hr/1 Year Engine Controls Inspection • 100 hr Engine Oil Filter Inspection • 100 hr Engine Magnetic Chip Detector Inspection • 300 hr Fuel Nozzle Leak and Functional Test <p>Complied with the following AD's and SR's:</p> <ul style="list-style-type: none"> • None complied with at this time. <p>Performed the following Maintenance:</p> <ul style="list-style-type: none"> • Installed A PT6 O-Ring kit. • Serviced Engine with BP 2380 Turbine oil. • Security leak and functional checks performed with no faults found. <p>The above maintenance was performed in accordance with Piaggio, Pratt & Whitney, and Hartzell maintenance and component manuals. The Aircraft, Airframe, Engines, Propellers, or Appliances stated above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved to return to service. Pertinent details are on file with Avantair, Inc.'s Quality Assurance Department.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Authorized Signature  | | | | Certificate Number <u>1802184442</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <div style="position: relative; width: 100%; height: 100%;"> <div style="position: absolute; top: 50%; left: 50%; transform: translate(-50%, -50%); font-size: 4em; opacity: 0.2;">/</div> </div> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Section 1: Record of engine maintenance and elementary work

| Date --/--/-- | Time since new | Time since overhaul | Total cycles | Details of task | Signature | AME ACA/AMO SCA/AMO |
|--|--------------------------|------------------------|--------------|-----------------|-----------|---------------------------|
| avantair | | | | | | |
| N162SL | SERIAL #: 1130 | AC TSN: 1621.8 | WO # 4267 | | | |
| DATE: 9/21/08 | Pratt & Whitney- PT6A-66 | AC CSN: 1253 | | | | |
| | SERIAL #: RK0208 | ENG TSN: 1621.8 TSO: | | | | |
| | POSITION: #1 | ENG CSN: 1260 CSO: | | | | |
| <p>Performed 150 HOUR INSPECTION in accordance with Pratt & Whitney PT6A-66 M/M 3036122.</p> <p><u>Complied with the following Scheduled Inspection items:</u></p> <ul style="list-style-type: none"> 150 hr/1 Year Engine Mounts and Vibration Isolators Inspection 150 hr Applicable Portions P&W Periodic Inspection Guide 100 hr P3 Air Filter Inspection 150 hr/1 Year Engine Controls Inspection 100 hr Engine Oil Filter Inspection 100 hr Engine Magnetic Chip Detector Inspection <p><u>Complied with the following AD's and SB's:</u></p> <ul style="list-style-type: none"> None complied with at this time. <p><u>Performed the following Maintenance:</u></p> <ul style="list-style-type: none"> Installed PT6 O-Ring kit. Serviced Engine with BP 2380 Turbine oil. Security leak and functional checks performed with no faults found. R/R Engine OTBD igniter Plug, P/N Off CH34055, S/N Off NSN, P/N On 10-390667-1, S/N On NNA06308921 R/R Engine INBD igniter Plug, P/N Off CH34055, S/N Off NSN, P/N On 10-390667-1, S/N On NNA06485760. <p>The above maintenance was performed in accordance with Piaggio, Pratt & Whitney, and Hartzell maintenance and component manuals. The Aircraft, Airframe, Engines, Propellers, or Appliances stated above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved to return to service. Pertinent details are on file with Avantair, Inc.'s Quality Assurance Department.</p> <p>Authorized Signature:  CRS # V2JR078L</p> | | | | | | |
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Section 1: Record of engine maintenance and elementary work

| Date --/--/-- | Time since new | Time since overhaul | Total cycles | Details of task | Signature | AME ACA/AMO SCA/AMO |
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|------------------|-------------------|------------------------|--------------|-----------------|-----------|---------------------------|

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| N162SL | SERIAL #: 1130 | AC TSN: 1764.3 | WO # 4642 |
| DATE: 11/9/08 | Pratt & Whitney- PT6A-66 | AC CSN: 1356 | |
| | SERIAL #: RK0208 | ENG TSN: 1764.3 TSO: | |
| | POSITION: #1 | ENG CSN: 1364 CSO: | |

Performed 600 HOUR INSPECTION in accordance with Pratt & Whitney PT6A-66 M/M 3036122.

Complied with the following Scheduled Inspection items:

- 150 hr/1 Year Engine Mounts and Vibration Isolators Inspection
- 150 hr Applicable Portions P&W Periodic Inspection Guide
- 100 hr P3 Air Filter Inspection
- 150 hr/1 Year Engine Controls Inspection
- 100 hr Engine Oil Filter Inspection
- 100 hr Engine Magnetic Chip Detector Inspection
- Fuel Nozzle Leak and Functional Test
- Fuel Pump Inlet Screen Inspection
- Engine Magnetic Chip Detector Inspection
- Engine Magnetic Chip Detector Bridge Inspection
- Borescope Inspection

Complied with the following AD's and SB's:

- None complied with at this time.


Performed the following Maintenance:

- Installed PT6 O-Ring kit.
- Serviced Engine with BP 2380 Turbine oil.
- Security leak and functional checks performed with no faults found.
- R/R Fuel Nozzles, P/N Off/On 3119855-01.
- R/R P3 Filter, P/N Off/On P-1018.

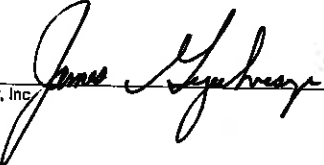
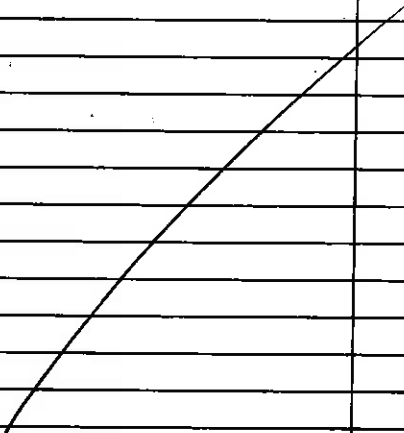
The above maintenance was performed in accordance with Piaggio, Pratt & Whitney, and Hartzell maintenance and component manuals. The Aircraft, Airframe, Engines, Propellers, or Appliances stated above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved to return to service. Pertinent details are on file with Avantair, Inc.'s Quality Assurance Department.

Authorized Signature Nancy Lopez CRS Number Y2JR078L


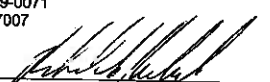
Section 1: Record of engine maintenance and elementary work

| Date --/--/-- | Time since new | Time since overhaul | Total cycles | Details of task | Signature | AME ACA/AMO SCA/AMO |
|---|--------------------------|----------------------|--------------|-----------------|-----------|---------------------------|
| Avantair | | | | | | |
| Avantair Camarillo CMA | | | | | | |
| N162SL | SERIAL #: 1130 | AC TSN: 1905.2 | WO # 4990 | | | |
| DATE: 12/22/08 | Pratt & Whitney- PT6A-66 | AC CSN: 1464 | | | | |
| | SERIAL #: RK0208 | ENG TSN: 1905.2 TSO: | | | | |
| | POSITION: #1 | ENG CSN: 1474 CSO: | | | | |
| <p>Performed 150 HOUR INSPECTION IAW Pratt & Whitney PT6A-66 M/M 3036122. Complied with the following <u>Scheduled Inspection</u> items:</p> <ul style="list-style-type: none"> • 150 hr/1 Year Engine Mounts and Vibration Isolators Inspection • 150 hr Applicable Portions P&W Periodic Inspection Guide • 150 hr P3 Air Filter Inspection • 150 hr/1 Year Engine Controls Inspection • 150 hr Engine Oil Filter Inspection • 150 hr Engine Magnetic Chip Detector Inspection • 300 hr Fuel Nozzle Leak and Functional Test • 1000 hr Engine Oil Scavenge Pump Inlet Screen Inspection <p>Complied with the following <u>AD's and SB's</u>:</p> <ul style="list-style-type: none"> • None complied with at this time. <p>Performed the following <u>Maintenance</u>:</p> <ul style="list-style-type: none"> • Installed PT6 O-Ring kit. • Serviced Engine with BP 2380 Turbine oil. • Security leak and functional checks performed with no faults found. <p>The above maintenance was performed in accordance with Piaggio, Pratt & Whitney, and Hartzell maintenance and component manuals. The Aircraft, Airframe, Engines, Propellers, or Appliances stated above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved to return to service. Pertinent details are on file with Avantair, Inc.'s Quality Assurance Department.</p> | | | | | | |
| Authorized Signature  Certificate Number <u>MP316444</u> | | | | | | |
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Section 1: Record of engine maintenance and elementary work

| Date --/--/-- | Time since new | Time since overhaul | Total cycles | Details of task | Signature | AME ACA/AMO SCA/AMO | | |
|------------------|----------------|---------------------|--------------|---|---|---|--|--|
| | | | | <p># 1 Engine Logbook WO: 379-N162SL 03/22/2009</p> <p>N162SL - Piaggio P-180, S/N 1130</p> <p>Airframe Hours: 2179.7 Airframe Landings: 1655</p> <p># 1 Engine Hours: 2179.7</p> <p># 1 Engine Cyc/Lndgs: 1665</p> <p>Pratt & Whitney PT&A-66 S/N PCERK-0208</p> <p>Complied with the Following Items:</p> <p>44.000 Complied with 720005 Comply with Applicable Portions P&W Periodic Inspect Guide (Engine 1)</p> <p>46.000 Removed, inspected and reinstalled #1 engine P3 Air Filter IAW P-180 II MM 73-10-00</p> <p>48.000 Complied with 720011 Power Turbine Blade Inspection (Engine 1)</p> <p>50.000 Removed, inspected and reinstalled #1 engine main oil filter element IAW P-180 II MM 79-20-02.</p> <p>52.000 Complied with 790009 Engine Magnetic Chip Detector Inspection (Engine 1)</p> <p>54.000 Removed and replaced #1 engine main oil filter element IAW P-180 II MM 79-20-02 PN:3059258-01 SN:NSN</p> <p>The above maintenance was performed in accordance with Piaggio, Pratt & Whitney, and Hartzell maintenance and component manuals. The Aircraft, Airframe, Engines, Propellers or Appliances stated above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved to return to service. Pertinent details are on file with Avantair, Inc.'s Quality Assurance Department.</p> <p>Certificate Number: V2JR078L 4311 General Howard Drive Clearwater, FL 33762 Phone: 727-539-0071 Fax: 272-639-7007</p> |  |  | | |
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Section 1: Record of engine maintenance and elementary work

| Date --/--/-- | Time since new | Time since overhaul | Total cycles | Details of task | Signature | AME ACA/AMO SCA/AMO |
|------------------|-------------------|------------------------|--------------|---|-----------|---------------------------|
| | | | | <div style="display: flex; align-items: flex-start;"> <div style="margin-right: 20px;">  </div> <div> <p># 1 Engine Logbook WO: 770-N162SL 4/29/2009</p> <p>N162SL - Piaggio P-180, S/N 1130</p> <p>Airframe Hours: 2316.8 Airframe Landings: 1737</p> <p># 1 Engine Hours: 2316.8</p> <p># 1 Engine Cyc/Lndgs: 1747</p> <p>Pratt & Whitney PT6A-66 S/N PCERK-0208</p> <p>Complied with the Following Items:</p> <ul style="list-style-type: none"> 12.000 Complied with 720005 Comply with Applicable Portions P&W Periodic Inspect Guide (Engine 1) 14.000 Complied with 720007 P3 Air Filter Inspection (Engine 1) 16.000 Complied with 720011 Power Turbine Blade Inspection (Engine 1) 18.000 C/W Borescope Inspection #1 ENG. IN REF. TO MM 73-10-00. No defects noted at this time. 20.000 R&R L/H Fuel Nozzles IAW P&W 73-10-00. PN:3119855-01 SN:NSN 22.000 Complied with 731001 Fuel Pump Inlet Screen Inspection (Engine 1) 24.000 Complied with 790005 Engine Oil Filter Inspection (Engine 1) 28.000 Complied with 790011 Engine Magnetic Chip Detector Bridge Inspection (Engine 1) <p>The above maintenance was performed in accordance with Piaggio, Pratt & Whitney, and Hartzell maintenance and component manuals. The Aircraft, Airframe, Engines, Propellers or Appliances stated above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved to return to service. Pertinent details are on file with Avantair, Inc.'s Quality Assurance Department.</p> <p>Certificate Number: V2JR078L 4311 General Howard Drive Clearwater, FL 33762 Phone: 727-539-0071 Fax: 272-539-7007</p> <p>Signed: <u></u> For Avantair, Inc.</p> </div> </div> | | |
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Section 1: Record of engine maintenance and elementary work

| Date --/---/--- | Time since new | Time since overhaul | Total cycles | Details of task | Signature | AME ACA/AMO SCA/AMO |
|--------------------|-------------------|------------------------|--------------|--|-----------|---------------------------|
| | | | | <p># 1 Engine Logbook WO: 1265-N162SL 06/24/2009</p> <p>N162SL - Piaggio P-180, S/N 1130</p> <p>Airframe Hours: 2456.9 Airframe Landings: 1856</p> <p># 1 Engine Hours: 2456.9</p> <p># 1 Engine Cys/Lndgs: 1866</p> <p>Pratt & Whitney PT6A-66 S/N PCERK-0208</p> <p>Completed with the Following Items:</p> <p>8.000 #1 engine, complied with applicable portions of P&W periodic inspection guide (150HR).</p> <p>8.001 Complied with 720007 P3 Air Filter Inspection (Engine 1)</p> <p>8.002 Complied with 720011 Power Turbine Blade Inspection (Engine 1)</p> <p>8.003 Complied with 790005 Engine Oil Filter Inspection (Engine 1)</p> <p>8.004 Complied with 790009 Engine Magnetic Chip Detector Inspection (Engine 1)</p> <p>The above maintenance was performed in accordance with Piaggio, Pratt & Whitney, and Hartzell maintenance and component manuals. The Aircraft, Airframe, Engines, Propellers or Appliances stated above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved to return to service. Pertinent details are on file with Avantaair, Inc.'s Quality Assurance Department.</p> <p>575 Aviation Dr. Camarillo, CA 93010 Phone: 805-383-1100 Fax: 805-383-2037</p> <p>Signed: <i>Joseph A. Crader</i> ATP 194585349 For Avantaair, Inc.</p> | | |
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Section 1: Record of engine maintenance and elementary work

| Date --/--/-- | Time since new | Time since overhaul | Total cycles | Details of task | Signature | AME ACA/AMO SCA/AMO |
|--|-------------------|------------------------|--------------|-----------------|-----------|---------------------------|
| <p># 1 Engine Logbook WO: 1671-N162SL 08/07/2009 N162SL - Piaggio P-180 (Avanti II), S/N 1130 Airframe Hours: 2603.5 Airframe Landings: 1955 # 1 Engine Hours: 2603.5 # 1 Engine Cycles/Landings: 1965 Pratt & Whitney PT6A-66 S/N PCERK-0208</p> <p>Complied with the Following Items:</p> <p>8.000 Complied with 720005 Comply with Applicable Portions P&W Periodic Inspect Guide (Engine 1) 10.000 Complied with 720007 P3 Air Filter Inspection (Engine 1) 12.000 Removed and Replaced P3 Air Filter (Engine 1) PN:P-1018 SN:NSN 14.000 Complied with 720011 Power Turbine Blade Inspection (Engine 1) 16.000 Complied with 790005 Engine Oil Filter inspection (Engine 1) 18.000 Complied with 790009 Engine Magnetic Chip Detector Inspection (Engine 1) 26.001 Removed and Replaced Engine Heater-Oil to Fuel IAW P&W MM 73-10-01 PN OFF:3057249-01 SN OFF:WA28693 — PN ON:3057249-01 SN ON:WA21893 31.001 Removed and Replaced Oil Filter Element PN ON: 3059258-01 SN:NSN</p> <p>The above maintenance was performed in accordance with Piaggio, Pratt & Whitney, and Hartzell maintenance and component manuals. The Aircraft, Airframe, Engines, Propellers or Appliances stated above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved to return to service. Pertinent details are on file with Avantair, Inc.'s Quality Assurance Department.</p> <p>Certificate Number: V2JR078L 4311 General Howard Drive Clearwater, FL 33762 Phone: 727-539-0071 Fax: 272-539-7007</p> <p>Signed: <u></u> For Avantair, Inc.</p> | | | | | | |
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Transport
Canada

Transports
Canada

ENG #1

RK0208

TP 14182E



(Revised 05/2005)

Engine Logbook

POWER SECTION

MODULE LOG BOOK

Canada

Volume #: 1

Opened on: 24 JAN 2007

ENGINE DETAILS

1. Manufacturer Pratt & Whitney Canada Corp.
2. Type/Model/Series PT6A-66 B/S: 677
3. Serial Number PS-RK0208

Other related Transport Canada Publications:

TP 14089B
TP 14058E/F

Previous Edition:

TP 3910E, 2nd Edition (Jan. 1987)
TP 14182E (Dec. 2003)

Printed in Canada.

Please direct your comments, orders and inquiries to:

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Civil Aviation Communications Centre (AARC)
Place de Ville,
Tower C, 5th Floor
330 Sparks Street
Ottawa, ON K1A 0N8

Telephone: 1 800 305-2059
Fax: 613 957-4208
E-mail: services@tc.gc.ca





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TP 14182E
(05/2005)
TC-1001185
Catalogue No. T52-4/2-2003E

Section 1: Record of engine maintenance and elementary work

| Date --/--/-- | Time since new | Time since overhaul | Total cycles | Details of task | Signature | AME ACA/AMO SCA/AMO |
|------------------|-------------------|------------------------|--------------|--|--|---|
| 24 JAN 2007 | 0.0 | 0.0 | 0 | New engine final acceptance test completed satisfactorily and is in condition for safe operation. <p style="margin-left: 40px;"> This Power Section module is combined with Gas Generator. S/N: PCE- <u>RK0208</u> NG/NO <u>35000</u> RPM, at <u>850</u> SHP/810 ITT Trim: <u>4.9</u> ° T5 Trim resistance: <u>223.0</u> Ohms </p> | B. HORVATH  |  |
| 07 MAR. 2007 | 0.0 | -- | 0 | THIS ENGINE HAS BEEN FILLED WITH OIL MOBIL JET II MIL-PRF 23699. |  L. D'AMONTE |  |

Section 1: Record of engine maintenance and elementary work

| Date --/--/-- | Time since new | Time since overhaul | Total cycles | Details of task | Signature | AME ACA/AMO SCA/AMO |
|------------------|-------------------|------------------------|--------------|-----------------|-----------|---------------------------|
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|---------------|--|------------------------------|-----------|
| DATE: 7/23/07 | SERIAL #: 1130 Pratt & Whitney- PT6A-66 | AC TSN: 145.5 AC CSN: 113 | WO # 1198 |
| | SERIAL #: RR.0208 | ENG TSN: 145.5 TSO: | |
| | POSITION: #1 | ENG CSN: 113 CSO: | |

Performed 150 HOUR INSPECTION in accordance with Pratt & Whitney PT6A-66 M/M 3036122.
 Complied with the following Scheduled Inspection items:

- 150 hr 1 Year Engine Mounts and Vibration Isolators Inspection
- 50 hr Applicable Portions P&W Periodic Inspection Guide
- 100 hr P2 Air Filter Inspection
- 150 hr 1 Year Engine Controls Inspection
- 100 hr Engine Oil Filter Inspection
- 100 hr Engine Magnetic Chip Detector Inspection
- 300 hr Fuel Nozzle Leak and Functional Test

Complied with the following AD's and SB's:

- None complied with at this time.

Performed the following Maintenance:


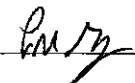
- Installed A PT6 O-Ring kit.
- Serviced Engine with BP 2380 Turbine oil.
- Security leak and functional checks performed with no faults found.
- R/R Oil Filter Element P/N 3034292

The above maintenance was performed in accordance with Piaggio, Pratt & Whitney, and Hartzell maintenance and component manuals. The Aircraft, Airframe, Engines, Propellers, or Appliances stated above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved to return to service. Pertinent details are on file with Avantair, Inc.'s Quality Assurance Department.

Authorized Signature: MAJ Certificate Number 261570131 A-1

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Section 1: Record of engine maintenance and elementary work

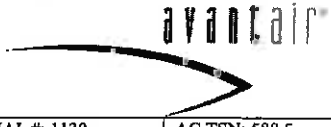
| Date --/--/-- | Time since new | Time since overhaul | Total cycles | Details of task | Signature | AME ACA/AMO SCA/AMO | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--------------------------|------------------------|--------------|-----------------|-----------|---------------------------|--------|----------------|---------------|-----------|--|--|--|---------------|--------------------------|-------------|--|--|--|--|--|------------------|---------------------|--|--|--|--|--|--------------|-------------------|--|--|--|--|
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| <table border="1" style="width: 100%;"> <tr> <td style="width: 20%;">N162SL</td> <td style="width: 20%;">SERIAL #: 1130</td> <td style="width: 20%;">AC TSN: 291.5</td> <td style="width: 20%;">WO # 1474</td> <td colspan="3"></td> </tr> <tr> <td>DATE: 8/28/07</td> <td>Pratt & Whitney- PT6A-66</td> <td>AC CSN: 231</td> <td></td> <td colspan="3"></td> </tr> <tr> <td></td> <td>SERIAL #: RK0208</td> <td>ENG TSN: 291.5 TSO:</td> <td></td> <td colspan="3"></td> </tr> <tr> <td></td> <td>POSITION: #1</td> <td>ENG CSN: 231 CSO:</td> <td></td> <td colspan="3"></td> </tr> </table> | | | | | | | N162SL | SERIAL #: 1130 | AC TSN: 291.5 | WO # 1474 | | | | DATE: 8/28/07 | Pratt & Whitney- PT6A-66 | AC CSN: 231 | | | | | | SERIAL #: RK0208 | ENG TSN: 291.5 TSO: | | | | | | POSITION: #1 | ENG CSN: 231 CSO: | | | | |
| N162SL | SERIAL #: 1130 | AC TSN: 291.5 | WO # 1474 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DATE: 8/28/07 | Pratt & Whitney- PT6A-66 | AC CSN: 231 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | SERIAL #: RK0208 | ENG TSN: 291.5 TSO: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | POSITION: #1 | ENG CSN: 231 CSO: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>Performed 150 HOUR INSPECTION in accordance with Pratt & Whitney PT6A-66 M/M 3036122. Complied with the following Scheduled Inspection items:</p> <ul style="list-style-type: none"> • 150 hr/1 Year Engine Mounts and Vibration Isolators Inspection • 150 hr Applicable Portions P&W Periodic Inspection Guide • 100 hr P3 Air Filter Inspection • 150 hr/1 Year Engine Controls Inspection • 100 hr Engine Oil Filter Inspection • 100 hr Engine Magnetic Chip Detector Inspection • 300 hr Fuel Nozzle Leak and Functional Test <p>Complied with the following AD's and SB's:</p> <ul style="list-style-type: none"> • None complied with at this time. <p>Performed the following Maintenance:</p> <ul style="list-style-type: none"> • Installed A PT6 O-Ring kit. • Serviced Engine with BP 2380 Turbine oil. • Security leak and functional checks performed with no faults found. • R/R Oil Filter Element P/N 3034292WFC <p>The above maintenance was performed in accordance with Piaggio, Pratt & Whitney, and Hartzell maintenance and component manuals. The Aircraft, Airframe, Engines, Propellers, or Appliances stated above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved to return to service. Pertinent details are on file with Avantair, Inc.'s Quality Assurance Department.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>Authorized Signature  Certificate Number 9254687</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Section 1: Record of engine maintenance and elementary work

| Date --/--/-- | Time since new | Time since overhaul | Total cycles | Details of task | Signature | AME ACA/AMO SCA/AMO |
|--|-------------------|------------------------|--------------|-----------------|-----------|---------------------------|
| <p>TETERBORO R.A.M.S. LLC 333 INDUSTRIAL AVE. TETERBORO, NJ 07608 201 288-1818</p> <p>DATE: 10/04/07 REG: N162SL A/C TYPE: AVANTIP-180 II A/C S/N: 1130 A/C TOTAL TIME: 435.4 A/C TOTAL CYCLES: 338</p> <p>#1 ENGINE TOTAL TIME: 435.4 #1 ENGINE TOTAL CYCLES: 338</p> <p>THE FOLLOWING WORK HAS BEEN COMPLIED WITH: 1. 150 HR INSP PER P&W PT6A-66 MANUAL 2. PER JSSI COVERED ENG., REPLACE #1 ENG OIL FILTER DESCRIPTION: FILTER, OIL P/N: 5034292WFC S/N: NSN</p> <p>THE FOLLOWING WORK HAS BEEN PERFORMED USING THE MANUFACTURERS MAINTENANCE MANUAL THIS AIRFRAME AND/OR ENGINE(S) IS APPROVED FOR RETURN TO SERVICE.</p> <p>NAME: J. ESPALLAT CERTIFICATE: A&P 3028781 DATE: 10/04/07 SIGNATURE: <i>J. Espallat</i></p> | | | | | | |
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Section 1: Record of engine maintenance and elementary work

| Date --/--/-- | Time since new | Time since overhaul | Total cycles | Details of task | Signature | AME ACA/AMO SCA/AMO |
|------------------|-------------------|------------------------|--------------|-----------------|-----------|---------------------------|
|------------------|-------------------|------------------------|--------------|-----------------|-----------|---------------------------|



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|-----------------|--------------------------|----------------|-----------|
| N162SL | SERIAL #: 1130 | AC TSN: 588.5 | WO # 1949 |
| DATE 11/28/2007 | Pratt & Whitney- PT6A-66 | AC CSN: 459 | |
| | SERIAL #: RK0208 | ENG TSN: 588.5 | TSO: |
| | POSITION: #1 | ENG CSN: 459 | CSO: |

Performed **600 HOUR INSPECTION** in accordance with Pratt & Whitney PT6A-66 M/M 3036122.

Complied with the following Scheduled Inspection items:

- 150 hr/1 Year Engine Mounts and Vibration Isolators Inspection
- 150 hr Applicable Portions P&W Periodic Inspection Guide
- 100 hr P3 Air Filter Inspection
- 150 hr/1 Year Engine Controls Inspection
- 100 hr Engine Oil Filter Inspection
- 100 hr Engine Magnetic Chip Detector Inspection
- Fuel Nozzle Leak and Functional Test
- Fuel Pump Inlet Screen Inspection
- Sundstrand Fuel Pump In-Situ Inspection
- Engine Magnetic Chip Detector Inspection
- Engine Magnetic Chip Detector Bridge Inspection
- Borescope Inspection

Complied with the following AD's and SB's:

- None complied with at this time.

Performed the following Maintenance:



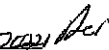
- Installed A PT6 O-Ring kit.
- Serviced Engine with BP 2380 Turbine oil.
- Security leak and functional checks performed with no faults found.
- R/R Fuel Nozzles P/N 3119855-01
- R&R Engine Oil Filter P/N 3034292WFC

The above maintenance was performed in accordance with Piaggio, Pratt & Whitney, and Hartzell maintenance and component manuals. The Aircraft, Airframe, Engines, Propellers, or Appliances stated above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved to return to service. Pertinent details are on file with Avantair, Inc.'s Quality Assurance Department.

Authorized Signature:

Certificate Number *2184992*

Section 1: Record of engine maintenance and elementary work

| Date --/--/-- | Time since new | Time since overhaul | Total cycles | Details of task | Signature | AME ACA/AMO SCA/AMO | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--------------------------|------------------------|--------------|-----------------|-----------|---------------------------|--------|----------------|---------------|-----------|--|--|--|----------------|--------------------------|-------------|--|--|--|--|--|------------------|---------------------|--|--|--|--|--|--------------|-------------------|--|--|--|--|
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| Camarillo-Avantair CMA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">N162SL</td> <td style="width: 20%;">SERIAL #: 1130</td> <td style="width: 20%;">AC TSN: 740.7</td> <td style="width: 15%;">WO # 2295</td> <td colspan="3"></td> </tr> <tr> <td>DATE: 01/07/08</td> <td>Pratt & Whitney- PT6A-66</td> <td>AC CSN: 563</td> <td></td> <td colspan="3"></td> </tr> <tr> <td></td> <td>SERIAL #: RK0208</td> <td>ENG TSN: 740.7 TSO:</td> <td></td> <td colspan="3"></td> </tr> <tr> <td></td> <td>POSITION: #1</td> <td>ENG CSN: 563 CSO:</td> <td></td> <td colspan="3"></td> </tr> </table> | | | | | | | N162SL | SERIAL #: 1130 | AC TSN: 740.7 | WO # 2295 | | | | DATE: 01/07/08 | Pratt & Whitney- PT6A-66 | AC CSN: 563 | | | | | | SERIAL #: RK0208 | ENG TSN: 740.7 TSO: | | | | | | POSITION: #1 | ENG CSN: 563 CSO: | | | | |
| N162SL | SERIAL #: 1130 | AC TSN: 740.7 | WO # 2295 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DATE: 01/07/08 | Pratt & Whitney- PT6A-66 | AC CSN: 563 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | SERIAL #: RK0208 | ENG TSN: 740.7 TSO: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | POSITION: #1 | ENG CSN: 563 CSO: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>Performed 150 HOUR INSPECTION in accordance with Pratt & Whitney PT6A-66 M/M 3036122.</p> <p>Complied with the following Scheduled Inspection items:</p> <ul style="list-style-type: none"> • 150 hr/1 Year Engine Mounts and Vibration Isolators Inspection • 150 hr Applicable Portions P&W Periodic Inspection Guide • 100 hr P3 Air Filter Inspection • 150 hr/1 Year Engine Controls Inspection • 100 hr Engine Oil Filter Inspection • 100 hr Engine Magnetic Chip Detector Inspection • 300 hr Fuel Nozzle Leak and Functional Test <p>Complied with the following AD's and SB's:</p> <ul style="list-style-type: none"> • None complied with at this time. <p>Performed the following Maintenance:</p> <ul style="list-style-type: none"> • Installed A PT6 O-Ring kit. • Serviced Engine with BP 2380 Turbine oil. • Security leak and functional checks performed with no faults found. • R/R Oil Filter Element P/N 3034292WFC <p>The above maintenance was performed in accordance with Piaggio, Pratt & Whitney, and Hartzell maintenance and component manuals. The Airframe, Airframe, Engines, Propellers, or Appliances stated above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved to return to service. Pertinent details are on file with Avantair, Inc.'s Quality Assurance Department.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Authorized Signature:  Certificate Number: <u>20157001</u>  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Empty grid area for additional entries | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Section 1: Record of engine maintenance and elementary work

| Date --/--/-- | Time since new | Time since overhaul | Total cycles | Details of task | Signature | AME ACA/AMO SCA/AMO | | | |
|--|-------------------|------------------------|--------------|-----------------|-----------|---------------------------|--|--|--|
| <p>TETERBORO RAMS, LLC 333 INDUSTRIAL AVE TETERBORO, NJ 07608 201 288-1818</p> | | | | | | | | | |
| <p>DATE: 02/21/08 REG: N162SL A/C TYPE: AVANTI P-180 II A/C S/N: 1130 A/C TOTAL TIME: 888.7 A/C TOTAL CYCLES: 670</p> | | | | | | | | | |
| <p>#1 ENGINE TOTAL TIME: 888.7 #1 ENGINE TOTAL CYCLES: 670</p> | | | | | | | | | |
| <p>THE FOLLOWING WORK HAS BEEN COMPLIED WITH:</p> | | | | | | | | | |
| <p>1. 150 HR INSP PER P&W PT6A-66 MANUAL</p> | | | | | | | | | |
| <p>2. PER JSSI COVERED ENG., REPLACE #1 ENG OIL FILTER DESCRIPTION: FILTER, OIL P/N: 3034292WFC S/N: NSN</p> | | | | | | | | | |
| <p>3. REPLACE P3 AIR FILTER (1000HR). P/N: P-1018 S/N: NSN</p> | | | | | | | | | |
| <p>THE FOLLOWING WORK HAS BEEN PERFORMED USING THE MANUFACTURERS MAINTENANCE MANUAL THIS AIRFRAME AND/OR ENGINE(S) IS APPROVED FOR RETURN TO SERVICE.</p> | | | | | | | | | |
| <p>NAME: J ESPAILLAT CERTIFICATE: A&P 3028781 DATE: 02/21/08</p> | | | | | | | | | |
| <p>SIGNATURE: <i>J. Espillat</i></p> | | | | | | | | | |
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Section 1: Record of engine maintenance and elementary work

| Date --/--/-- | Time since new | Time since overhaul | Total cycles | Details of task | Signature | AME ACA/AMO SCA/AMO |
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| N162SL | SERIAL #: 1130 | AC TSN: 1031.5 | WO # 3051 |
| DATE: 4/3/2008 | Pratt & Whitney- PT6A-66 | AC CSN: 768 | |
| | SERIAL #: RK0208 | ENG TSN: 1031.5 TSO: | |
| | POSITION: #1 | ENG CSN: 768 CSO: | |

Performed 150 HOUR INSPECTION in accordance with Pratt & Whitney PT6A-66 M/M 3036122.

Complied with the following Scheduled Inspection items:

- 150 hr/1 Year Engine Mounts and Vibration Isolators Inspection
- 150 hr Applicable Portions P&W Periodic Inspection Guide
- 100 hr P3 Air Filter Inspection
- 150 hr/1 Year Engine Controls Inspection
- 100 hr Engine Oil Filter Inspection
- 100 hr Engine Magnetic Chip Detector Inspection
- 300 hr Fuel Nozzle Leak and Functional Test

Complied with the following AD's and SB's:

- None complied with at this time.

Performed the following Maintenance:

- Installed A PT6 O-Ring kit.
- Serviced Engine with BP 2380 Turbine oil.
- Security leak and functional checks performed with no faults found.
- R/R Oil Filter Element P/N 3034292WFC

The above maintenance was performed in accordance with Piaggio, Pratt & Whitney, and Hartzell maintenance and component manuals. The Aircraft, Airframe, Engines, Propellers, or Appliances stated above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved to return to service. Pertinent details are on file with Avantair, Inc.'s Quality Assurance Department.

Authorized Signature [Signature] Certificate Number AAA 3184442

Section 1: Record of engine maintenance and elementary work

| Date --/--/-- | Time since new | Time since overhaul | Total cycles | Details of task | Signature | AME ACA/AMO SCA/AMO |
|--|--------------------------|------------------------|--------------|-----------------|-----------|---------------------------|
| | | | | | | |
| Avantair Camarillo CMA | | | | | | |
| NI62SL | SERIAL #: 1130 | AC TSN: 1194.2 | WO # 3327 | | | |
| DATE: 5/15/08 | Pratt & Whitney- PT6A-66 | AC CSN: 890 | | | | |
| | SERIAL #: RK0208 | ENG TSN: 1194.2 TSO: | | | | |
| | POSITION: #1 | ENG CSN: 890 CSO: | | | | |
| <p>Performed Extended 600 HOUR INSPECTION in accordance with Pratt & Whitney PT6A-66 M/M 3036122.</p> <p><u>Complied with the following Scheduled Inspection items:</u></p> <ul style="list-style-type: none"> • 150 hr/1 Year Engine Mounts and Vibration Isolators Inspection • 150 hr Applicable Portions P&W Periodic Inspection Guide • 100 hr P3 Air Filter Inspection • 150 hr/1 Year Engine Controls Inspection • 100 hr Engine Oil Filter Inspection • 100 hr Engine Magnetic Chip Detector Inspection • Fuel Nozzle Leak and Functional Test • Fuel Pump Inlet Screen Inspection • Engine Magnetic Chip Detector Inspection • Engine Magnetic Chip Detector Bridge Inspection • Borescope Inspection <p><u>Complied with the following AD's and SB's:</u></p> <ul style="list-style-type: none"> • None complied with at this time. <p><u>Performed the following Maintenance:</u></p> <ul style="list-style-type: none"> • Installed A PT6 O-Ring kit. • Serviced Engine with BP 2380 Turbine oil. • Security leak and functional checks performed with no faults found. • R/R Fuel Nozzles P/N 3119855-01 • R/R Oil Filter Element P/N 3034292WFC <p>The above maintenance was performed in accordance with Piaggio, Pratt & Whitney, and Hartzell maintenance and component manuals. The Aircraft, Airframe, Engines, Propellers, or Appliances stated above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved to return to service. Pertinent details are on file with Avantair, Inc.'s Quality Assurance Department.</p> <p>Authorized Signature: <u>[Signature]</u> Certificate Number: <u>2718V444</u></p> | | | | | | |
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Section 1: Record of engine maintenance and elementary work

| Date --/--/-- | Time since new | Time since overhaul | Total cycles | Details of task | Signature | AME ACA/AMO SCA/AMO |
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| N162SL | SERIAL #: 1130 | AC TSN: 1329.7 | WO # 3660 |
| DATE: 7/1/2008 | Pratt & Whitney- PT6A-66 | AC CSN: 1018 | |
| | SERIAL #: RK0208 | ENG TSN: 1329.7 TSO: | |
| | POSITION: #1 | ENG CSN: 1022 CSO: | |

Performed 150 HOUR INSPECTION in accordance with Pratt & Whitney PT6A-66 M/M 3036122.

Complied with the following Scheduled Inspection items:

- 150 hr/1 Year Engine Mounts and Vibration Isolators Inspection
- 150 hr Applicable Portions P&W Periodic Inspection Guide
- 100 hr P3 Air Filter Inspection
- 150 hr/1 Year Engine Controls Inspection
- 100 hr Engine Oil Filter Inspection
- 100 hr Engine Magnetic Chip Detector Inspection
- 300 hr Fuel Nozzle Leak and Functional Test

Complied with the following AD's and SB's:

- None complied with at this time.


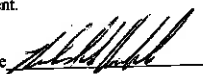
Performed the following Maintenance:

- Installed A PT6 O-Ring kit.
- Serviced Engine with BP 2380 Turbine oil.
- Security leak and functional checks performed with no faults found.
- R/R Oil Filter Element P/N 3059258-01



The above maintenance was performed in accordance with Piaggio, Pratt & Whitney, and Hartzell maintenance and component manuals. The Aircraft, Airframe, Engines, Propellers, or Appliances stated above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved to return to service. Pertinent details are on file with Avantair, Inc.'s Quality Assurance Department.

Authorized Signature Certificate Number 442184442

Section 1: Record of engine maintenance and elementary work

| Date --/--/-- | Time since new | Time since overhaul | Total cycles | Details of task | Signature | AME ACA/AMO SCA/AMO | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--------------------------|------------------------|--------------|-----------------|-----------|---------------------------|--------|----------------|----------------|-----------|--|--|--|-----------------|--------------------------|--------------|--|--|--|--|--|------------------|-----------------|------|--|--|--|--|--------------|---------------|------|--|--|--|
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Avantair Camarillo CMA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">N162SL</td> <td style="width: 20%;">SERIAL #: 1130</td> <td style="width: 20%;">AC TSN: 1486.7</td> <td style="width: 15%;">WO # 4051</td> <td colspan="3"></td> </tr> <tr> <td>DATE: 8/12/2008</td> <td>Pratt & Whitney- PT6A-66</td> <td>AC CSN: 1139</td> <td></td> <td colspan="3"></td> </tr> <tr> <td></td> <td>SERIAL #: RK0208</td> <td>ENG TSN: 1486.7</td> <td>TSO:</td> <td colspan="3"></td> </tr> <tr> <td></td> <td>POSITION: #1</td> <td>ENG CSN: 1143</td> <td>CSO:</td> <td colspan="3"></td> </tr> </table> | | | | | | | N162SL | SERIAL #: 1130 | AC TSN: 1486.7 | WO # 4051 | | | | DATE: 8/12/2008 | Pratt & Whitney- PT6A-66 | AC CSN: 1139 | | | | | | SERIAL #: RK0208 | ENG TSN: 1486.7 | TSO: | | | | | POSITION: #1 | ENG CSN: 1143 | CSO: | | | |
| N162SL | SERIAL #: 1130 | AC TSN: 1486.7 | WO # 4051 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DATE: 8/12/2008 | Pratt & Whitney- PT6A-66 | AC CSN: 1139 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | SERIAL #: RK0208 | ENG TSN: 1486.7 | TSO: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | POSITION: #1 | ENG CSN: 1143 | CSO: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>Performed EXTENDED 150 HOUR INSPECTION in accordance with Pratt & Whitney PT6A-66 M/M 3036122. Complied with the following Scheduled Inspection items:</p> <ul style="list-style-type: none"> • 150 hr/1 Year Engine Mounts and Vibration Isolators Inspection • 150 hr Applicable Portions P&W Periodic Inspection Guide • 100 hr P3 Air Filter Inspection • 150 hr/1 Year Engine Controls Inspection • 100 hr Engine Oil Filter Inspection • 100 hr Engine Magnetic Chip Detector Inspection • 300 hr Fuel Nozzle Leak and Functional Test <p>Complied with the following AD's and SR's:</p> <ul style="list-style-type: none"> • None complied with at this time. <p>Performed the following Maintenance:</p> <ul style="list-style-type: none"> • Installed A PT6 O-Ring kit. • Serviced Engine with BP 2380 Turbine oil. • Security leak and functional checks performed with no faults found. <p>The above maintenance was performed in accordance with Piaggio, Pratt & Whitney, and Hartzell maintenance and component manuals. The Aircraft, Airframe, Engines, Propellers, or Appliances stated above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved to return to service. Pertinent details are on file with Avantair, Inc.'s Quality Assurance Department.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>Authorized Signature:  Certificate Number: <u>1802184442</u></p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <div style="position: relative; width: 100%; height: 100%;"> <div style="position: absolute; top: 50%; left: 50%; transform: translate(-50%, -50%); font-size: 4em; opacity: 0.2;">/</div> </div> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |


Section 1: Record of engine maintenance and elementary work

| Date --/--/-- | Time since new | Time since overhaul | Total cycles | Details of task | Signature | AME ACA/AMO SCA/AMO | | | | | | | | | | | | | | | | |
|--|--------------------------|------------------------|--------------|-----------------|-----------|---------------------------|--------|----------------|----------------|-----------|---------------|--------------------------|--------------|--|--|------------------|-----------------|------|--|--------------|---------------|------|
|  | | | | / | | | | | | | | | | | | | | | | | | |
| <table border="1"><tr><td data-bbox="397 380 580 402">N162SL</td><td data-bbox="580 380 862 402">SERIAL #: 1130</td><td data-bbox="862 380 1147 402">AC TSN: 1621.8</td><td data-bbox="1147 380 1354 402">WO # 4267</td></tr><tr><td data-bbox="397 402 580 425">DATE: 9/21/08</td><td data-bbox="580 402 862 425">Pratt & Whitney- PT6A-66</td><td data-bbox="862 402 1147 425">AC CSN: 1253</td><td data-bbox="1147 402 1354 425"></td></tr><tr><td data-bbox="397 425 580 448"></td><td data-bbox="580 425 862 448">SERIAL #: RK0208</td><td data-bbox="862 425 1147 448">ENG TSN: 1621.8</td><td data-bbox="1147 425 1354 448">TSO:</td></tr><tr><td data-bbox="397 448 580 470"></td><td data-bbox="580 448 862 470">POSITION: #1</td><td data-bbox="862 448 1147 470">ENG CSN: 1260</td><td data-bbox="1147 448 1354 470">CSO:</td></tr></table> | | | | | | | N162SL | SERIAL #: 1130 | AC TSN: 1621.8 | WO # 4267 | DATE: 9/21/08 | Pratt & Whitney- PT6A-66 | AC CSN: 1253 | | | SERIAL #: RK0208 | ENG TSN: 1621.8 | TSO: | | POSITION: #1 | ENG CSN: 1260 | CSO: |
| N162SL | SERIAL #: 1130 | AC TSN: 1621.8 | WO # 4267 | | | | | | | | | | | | | | | | | | | |
| DATE: 9/21/08 | Pratt & Whitney- PT6A-66 | AC CSN: 1253 | | | | | | | | | | | | | | | | | | | | |
| | SERIAL #: RK0208 | ENG TSN: 1621.8 | TSO: | | | | | | | | | | | | | | | | | | | |
| | POSITION: #1 | ENG CSN: 1260 | CSO: | | | | | | | | | | | | | | | | | | | |
| <p>Performed 150 HOUR INSPECTION in accordance with Pratt & Whitney PT6A-66 M/M 3036122.</p> | | | | | | | | | | | | | | | | | | | | | | |
| <p><u>Complied with the following Scheduled Inspection items:</u></p> | | | | | | | | | | | | | | | | | | | | | | |
| <ul style="list-style-type: none">• 150 hr/1 Year Engine Mounts and Vibration Isolators Inspection• 150 hr Applicable Portions P&W Periodic Inspection Guide• 100 hr P3 Air Filter Inspection• 150 hr/1 Year Engine Controls Inspection• 100 hr Engine Oil Filter Inspection• 100 hr Engine Magnetic Chip Detector Inspection | | | | | | | | | | | | | | | | | | | | | | |
| <p><u>Complied with the following AD's and SB's:</u></p> | | | | | | | | | | | | | | | | | | | | | | |
| <ul style="list-style-type: none">• None complied with at this time. | | | | | | | | | | | | | | | | | | | | | | |
| <p><u>Performed the following Maintenance:</u></p> | | | | | | | | | | | | | | | | | | | | | | |
| <ul style="list-style-type: none">• Installed PT6 O-Ring kit.• Serviced Engine with BP 2380 Turbine oil.• Security leak and functional checks performed with no faults found.• R/R Engine OTBD igniter Plug, P/N Off CH34055, S/N Off NSN, P/N On 10-390667-1, S/N On NNA06308921• R/R Engine INBD igniter Plug, P/N Off CH34055, S/N Off NSN, P/N On 10-390667-1, S/N On NNA06485760. | | | | | | | | | | | | | | | | | | | | | | |
| <p>The above maintenance was performed in accordance with Piaggio, Pratt & Whitney, and Hartzell maintenance and component manuals. The Aircraft, Airframe, Engines, Propellers, or Appliances stated above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved to return to service. Pertinent details are on file with Avantair, Inc.'s Quality Assurance Department.</p> | | | | | | | | | | | | | | | | | | | | | | |
| <p>Authorized Signature  CRS # V2JR078L</p> | | | | | | | | | | | | | | | | | | | | | | |
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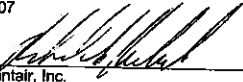
Section 1: Record of engine maintenance and elementary work

| Date --/--/-- | Time since new | Time since overhaul | Total cycles | Details of task | Signature | AME ACA/AMO SCA/AMO |
|--|-------------------|------------------------|--------------|-----------------|-----------|---------------------------|
| <div style="display: flex; justify-content: space-between;"> # 1 Engine Logbook WO: 58-N162SL 02/10/2009 </div> <p>N162SL - Piaggio P-180, S/N 1130</p> <p>Airframe Hours: 2034.7 Airframe Landings: 1551</p> <p># 1 Engine Hours: 2034.7</p> <p># 1 Engine Cyc/Lndgs: 1561</p> <p>Pratt & Whitney PT6A-66 S/N PCERK-0208</p> <p>Complied with the Following Items:</p> <p>8.000 720005 Comply with Applicable Portions P&W Periodic Inspect Guide (Engine 1) WO Item #8.000 COMPLIED WITH APPL.PORCTIONS OF P&W PERIODIC INSPECTION GUIDE (150HR) ON ENG#1 IAW P&W MM CH.72-00-00 AND 73-10-00.</p> <p>10.000 720007 P3 Air Filter Inspection (Engine 1) WO Item #10.000 REF.TO A CHECK PAPERWORK</p> <p>12.000 720011 Power Turbine Blade Inspection (Engine 1) WO Item #12.000 REF.TO A CHECK PAPERWORK</p> <p>14.000 790005 Engine Oil Filter Inspection (Engine 1) WO Item #14.000 REF.TO A CHECK PAPERWORK</p> <p>16.000 790009 Engine Magnetic Chip Detector Inspection (Engine 1) WO Item #16.000 REF.TO A CHECK PAPERWORK</p> <p>The above maintenance was performed in accordance with Piaggio, Pratt & Whitney, and Hartzell maintenance and component manuals. The Aircraft, Airframe, Engines, Propellers or Appliances stated above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved to return to service. Pertinent details are on file with Avantair, Inc.'s Quality Assurance Department.</p> <p>Certificate Number <u>26735408 ROP</u></p> <p>Signed: <i>James [Signature]</i> For Avantair, Inc., VZJB078L, Clearwater, FL 33762, 727-539-0071</p> | | | | | | |
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Section 1: Record of engine maintenance and elementary work

| Date --/--/-- | Time since new | Time since overhaul | Total cycles | Details of task | | Signature | AME ACA/AMO SCA/AMO |
|---|-------------------|------------------------|--------------|---|--|-----------|---------------------------|
|  | | | | # 1 Engine Logbook WO: 379-N162SL 03/22/2009 N162SL - Piaggio P-180, S/N 1130 Airframe Hours: 2179.7 Airframe Landings: 1655 # 1 Engine Hours: 2179.7 # 1 Engine Cyc/Lndgs: 1665 Pratt & Whitney PT6A-66 S/N PCERK-0208 | | | |
| Complied with the Following Items: | | | | | | | |
| 44.000 Complied with 720005 Comply with Applicable Portions P&W Periodic Inspect Guide (Engine 1) | | | | | | | |
| 46.000 Removed, inspected and reinstalled #1 engine P3 Air Filter IAW P-180 II MM 73-10-00 | | | | | | | |
| 48.000 Complied with 720011 Power Turbine Blade Inspection (Engine 1) | | | | | | | |
| 50.000 Removed, inspected and reinstalled #1 engine main oil filter element IAW P-180 II MM 79-20-02. | | | | | | | |
| 52.000 Complied with 790009 Engine Magnetic Chip Detector Inspection (Engine 1) | | | | | | | |
| 54.000 Removed and replaced #1 engine main oil filter element IAW P-180 II MM 79-20-02 PN:3059258-01 SN:NSN | | | | | | | |
| <p>The above maintenance was performed in accordance with Piaggio, Pratt & Whitney, and Hartzell maintenance and component manuals. The Aircraft, Airframe, Engines, Propellers or Appliances stated above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved to return to service. Pertinent details are on file with Avantair, Inc.'s Quality Assurance Department.</p> | | | | | | | |
| Certificate Number: V2JR078L 4311 General Howard Drive Clearwater, FL 33762 Phone: 727-539-0071 Fax: 272-539-7007 | | | | | | | |
| Signed: <u> James M. McCreary </u> For Avantair, Inc. | | | | | | | |
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Section 1: Record of engine maintenance and elementary work

| Date --/--/--- | Time since new | Time since overhaul | Total cycles | Details of task | | Signature | AME ACA/AMO SCA/AMO |
|-------------------|-------------------|------------------------|--------------|---|--|-----------|---------------------------|
| | | | |  <p> # 1 Engine Logbook WO: 770-N162SL 4/29/2009 N162SL - Piaggio P-180, S/N 1130 Airframe Hours: 2316.8 Airframe Landings: 1737 # 1 Engine Hours: 2316.8 # 1 Engine Cyl/Lndgs: 1747 Pratt & Whitney PT6A-66 S/N PCERK-0208 </p> <p> Complied with the Following Items: 12.000 Complied with 720005 Comply with Applicable Portions P&W Periodic Inspect Guide (Engine 1) 14.000 Complied with 720007 P3 Air Filter Inspection (Engine 1) 16.000 Complied with 720011 Power Turbine Blade Inspection (Engine 1) 18.000 C/W Borescope Inspection #1 ENG. IN REF. TO MM 73-10-00. No defects noted at this time. 20.000 R&R L/H Fuel Nozzles IAW P&W 73-10-00. PN:3119855-01 SN:NSN 22.000 Complied with 731001 Fuel Pump Inlet Screen Inspection (Engine 1) 24.000 Complied with 790005 Engine Oil Filter Inspection (Engine 1) 28.000 Complied with 790011 Engine Magnetic Chip Detector Bridge Inspection (Engine 1) </p> <p> The above maintenance was performed in accordance with Piaggio, Pratt & Whitney, and Hartzell maintenance and component manuals. The Aircraft, Airframe, Engines, Propellers or Appliances stated above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved to return to service. Pertinent details are on file with Avantair, Inc.'s Quality Assurance Department. </p> <p> Certificate Number: V2JR078L 4311 General Howard Drive Clearwater, FL 33762 Phone: 727-539-0071 Fax: 272-539-7007 </p> <p> Signed:  For Avantair, Inc. </p> | | | |
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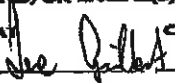
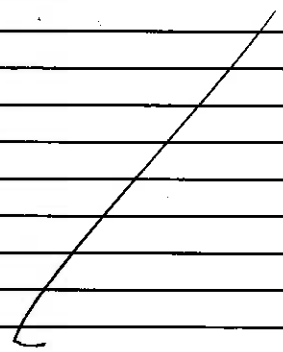
Section 1: Record of engine maintenance and elementary work

| Date --/--/-- | Time since new | Time since overhaul | Total cycles | Details of task | Signature | AME ACA/AMO SCA/AMO |
|------------------|-------------------|------------------------|--------------|---|-----------|---------------------------|
| | | | | | | |
| | | | | # 1 Engine Logbook WO: 1265-N162SL 06/24/2009 N162SL - Piaggio P-180, S/N 1130 Airframe Hours: 2456.9 Airframe Landings: 1856 # 1 Engine Hours: 2456.9 # 1 Engine Cyc/Lndgs: 1866 Pratt & Whitney PT6A-66 S/N PCERK-0208 | | |
| | | | | Complied with the Following Items: 8.000 #1 engine, complied with applicable portions of P&W periodic inspection guide (150HR). 8.001 Complied with 720007 P3 Air Filter Inspection (Engine 1) 8.002 Complied with 720011 Power Turbine Blade Inspection (Engine 1) 8.003 Complied with 790005 Engine Oil Filter Inspection (Engine 1) 8.004 Complied with 790009 Engine Magnetic Chip Detector Inspection (Engine 1) | | |
| | | | | The above maintenance was performed in accordance with Piaggio, Pratt & Whitney, and Hartzell maintenance and component manuals. The Aircraft, Airframe, Engines, Propellers or Appliances stated above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved to return to service. Pertinent details are on file with Avantair, Inc.'s Quality Assurance Department. | | |
| | | | | 575 Aviation Dr. Camarillo, CA 93010 Phone: 805-383-1100 Fax: 805-383-2037 | | |
| | | | | Signed: <i>Joseph A. Crandall</i> For Avantair, Inc. ATP 194585349 | | |
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Section 1: Record of engine maintenance and elementary work

| Date --/--/-- | Time since new | Time since overhaul | Total cycles | Details of task | Signature | AME ACA/AMO SCA/AMO |
|---|-------------------|------------------------|--------------|-----------------|-----------|---------------------------|
| <p style="text-align: right;">101224</p> <p># 1 Engine Logbook WO: 1671-N162SL 08/07/2009 N162SL - Piaggio P-180 (Avanti II), S/N 1130 Airframe Hours: 2603.5 Airframe Landings: 1955 # 1 Engine Hours: 2603.5 # 1 Engine Cyc/Lndgs: 1965 Pratt & Whitney PT6A-66 S/N PCERK-0208</p> | | | | | | |
| <p>Complied with the Following Items:</p> | | | | | | |
| <p>8.000 Complied with 720005 Comply with Applicable Portions P&W Periodic Inspect Guide (Engine 1)</p> | | | | | | |
| <p>10.000 Complied with 720007 P3 Air Filter Inspection (Engine 1)</p> | | | | | | |
| <p>12.000 Removed and Replaced P3 Air Filter (Engine 1) PN:P-1018 SN:NSN</p> | | | | | | |
| <p>14.000 Complied with 720011 Power Turbine Blade Inspection (Engine 1)</p> | | | | | | |
| <p>16.000 Complied with 790005 Engine Oil Filter inspection (Engine 1)</p> | | | | | | |
| <p>18.000 Complied with 790009 Engine Magnetic Chip Detector Inspection (Engine 1)</p> | | | | | | |
| <p>26.001 Removed and Replaced Engine Heater-Oil to Fuel IAW P&W MM 73-10-01 PN OFF:3057249-01 SN OFF:WA28693 --- PN ON:3057249-01 SN ON:WA21893</p> | | | | | | |
| <p>31.001 Removed and Replaced Oil Filter Element PN ON: 3059258-01 SN:NSN</p> | | | | | | |
| <p>The above maintenance was performed in accordance with Piaggio, Pratt & Whitney, and Hartzell maintenance and component manuals. The Aircraft, Airframe, Engines, Propellers or Appliances stated above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved to return to service. Pertinent details are on file with Avantair, Inc.'s Quality Assurance Department.</p> | | | | | | |
| <p>Certificate Number: V2JR078L 4311 General Howard Drive Clearwater, FL 33762 Phone: 727-539-0071 Fax: 272-539-7007</p> | | | | | | |
| <p>Signed:  For Avantair, Inc.</p> | | | | | | |
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Section 1: Record of engine maintenance and elementary work

| Date --/--/-- | Time since new | Time since overhaul | Total cycles | Details of task | Signature | AME ACA/AMO SCA/AMO | | | | | | | |
|---|-------------------|------------------------|--------------|---|-----------|---------------------------|--|--|--|--|--|--|--|
| <p style="text-align: center;">TETERBORD R.A.M.S. LLC 333 INDUSTRIAL AVE TETERBORD, NJ 07608 201 288-1818</p> <p>DATE: 09/14/09 REG: N162SL A/C TYPE: AVANTI P-180 II A/C S/N: 1130 A/C TOTAL TIME: 2756.7 A/C TOTAL CYCLES: 2057</p> <p>#1 ENGINE TOTAL TIME: 2756.7 #1 ENGINE TOTAL CYCLES: 2078</p> <p>THE FOLLOWING WORK HAS BEEN COMPLETED WITH: 1. 150 HR INSP PER P&W PT6A-66 MANUAL</p> <p>THIS WORK HAS BEEN COMPLETED WITH USING THE MANUFACTURERS MAINTENANCE MANUAL THIS AIRFRAME AND/OR ENGINE(S) IS APPROVED FOR RETURN TO SERVICE.</p> <p>NAME: J. ESPALLA CERTIFICATE: A&P 3028781 DATE: 09/14/09 SIGNATURE: </p> | | | |  | | | | | | | | | |
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Section 1: Record of engine maintenance and elementary work

| Date --/--/-- | Time since new | Time since overhaul | Total cycles | Details of task | Signature | AME ACA/AMO SCA/AMO |
|------------------|-------------------|------------------------|--------------|---|-----------|---------------------------|
| | | | |  <div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="font-size: small;"> <p>#1 Engine Logbook N162SL - Piaggio P-180 (Avant II), S/N 1130 Airframe Hours: 3180.7 # 1 Engine Hours: 3180.7 # 1 Engine Cycles/Landings: 2414</p> </div> <div style="font-size: small;"> <p>WO: 4074-N162SL Airframe Landings: 2396 TSO: 3180.7 CSO: 2414</p> </div> <div style="text-align: right;"> <p>26 MAR 2010</p> </div> </div> <p>Complied with the Following Items: Pratt & Whitney PT6A-66 S/N PCERK-0208</p> <p>8.000 *C/W APPLICABLE PORTIONS OF P&W PERIODIC INSPECTION GUIDE ON #1 ENGINE (AW MM CHP P&W 72-00-00. PN:AL-PT6-100-66</p> <p>8.001 Complied with 720011 Power Turbine Blade Inspection (Engine 1)</p> <p>8.002 Complied with 790005 Engine Oil Filter Inspection (Engine 1)</p> <p>8.003 Complied with 790009 Engine Magnetic Chip Detector Inspection (Engine 1)</p> <p>8.004 Complied with 790011 Engine Magnetic Chip Detector Bridge Inspection (Engine 1)</p> <p>8.005 Complied with 720007 P3 Air Filter Inspection (Engine 1)</p> <p>35.000 INSTALLED OVERHAULED LH FUEL CONTROL UNIT AND OPS CHECK NORMAL (AW MM 71-00-00... PN OFF:3120832-04 SN OFF:14965285 --- PN ON:3120832-04 SN ON:15236566</p> <p>The above maintenance was performed in accordance with Piaggio, Pratt & Whitney, and Hartzell maintenance and component manuals. The Aircraft, Airframes, Engines, Propellers or Appliances stated above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved to return to service. Pertinent details are on file with Avantair, Inc.'s Quality Assurance Department.</p> <p>575 Aviation Dr. Camarillo, CA 93010 Phone: 805-383-1100 Fax: 805-383-2037</p> <p>Signed:  AEP 3369795 For Avantair, Inc.</p> | | |

Section 1: Record of engine maintenance and elementary work

| Date --/--/-- | Time since new | Time since overhaul | Total cycles | Details of task | Signature | AME ACA/AMO SCA/AMO |
|------------------|-------------------|------------------------|--------------|--|---|---------------------------|
| | | | | <div data-bbox="1720 365 1854 414" style="float: left; margin-right: 10px;">  </div> <div data-bbox="1868 365 2486 495"> <p># 1 Engine Logbook WO: 5107-N1628L 25 Jun 2010 N1628L - Piaggio P-180 (Avant) II, S/N 1130 Airframe Hours: 3449.5 Airframe Landings: 2608 # 1 Engine Hours: 3449.5 # 1 Engine Cyc/Lndgs: 2628 Pratt & Whitney PT6A-66 S/N PCERK-0208</p> </div> | | |
| | | | | <p>Complied with the Following Items: Pratt & Whitney PT6A-66 S/N PCERK-0208</p> <p>12.000 C/W Applicable Portions P&W Periodic Inspect Guide for (Engine 1)-IAW P&W MM 72-00-00. AML# 093162-7 12.001 Complied with P3 Air Filter Inspection (Engine 1) 12.002 Complied with Power Turbine Blade Inspection (Engine 1) 12.003 Complied with Fuel Pump Inlet Screen Inspection (Engine 1) 12.004 Complied with Engine Oil Filter Inspection (Engine 1) 12.005 Complied with Engine Magnetic Chip Detector Inspection (Engine 1) 12.006 Complied with Engine Magnetic Chip Detector Bridge Inspection (Engine 1) 18.000 Complied with periodic borescope inspection (Eng. #1) IAW P&W MM Ch. 72-00-00. No defects at this time. (AML #093163-11) 40.000 Replaced and Installed #1 engine fuel nozzles with newly inspected fuel nozzles IAW P&W 73-10-04. Ops and leak check normal. See AML# 093162-9. PN:3119855-01 SN:PIE4 42.000 R+R #1 engine oil filter w/ new filter IAW mm 79-20-00. AML# 093164-13 PN OFF:3059258-01 SN OFF: NSN— PN ON:3059258-01 SN ON: NSN 44.000 C/W #1 Engine Oil Filter Patch Test as required. AML# 093164-15</p> <p>The above maintenance was performed in accordance with Piaggio, Pratt & Whitney, and Hartzell maintenance and component manuals. The Aircraft, Airframe, Engines, Propellers or Appliances stated above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved to return to service. Pertinent details are on file with Avantair, Inc.'s Quality Assurance Department.</p> <p>575 Aviation Dr. Camarillo, CA 93010 Phone: 805-383-1100 Fax: 805-383-2037</p> | | |
| | | | | |  3276862 | |

Section 1: Record of engine maintenance and elementary work

| Date --/--/-- | Time since new | Time since overhaul | Total cycles | Details of task | Signature | AME ACA/AMO SCA/AMO |
|--|----------------------------------|------------------------------------|-----------------------------------|--|-----------|---------------------------|
| N162SL Aircraft TT 3579.0 | Model PT6A-66B S/N PCE-RK0208 | Engine TT 3579.0 Engine TC 2715 | July 30, 2010 WO# S15-10-00392 | <p>Left engine</p> <p>Performed "A" inspection in accordance with Avanti II mm 5-20-00 Performed 150 hour minor & routine inspection items per PT6A-66B mm 72-00-00 Installed new oil filter p/n 3059258-01 per mm 79-20-02 Installed new P3 air filter p/n WF334552 per mm 73-10-07 Installed new carbon blocks p/n CA3044 in LH and RH propeller reversing linkage per mm 76-10-00 Complied with oil filter patch test p/n GA-MF and JSSI oil sample I certify that this ENGINE has been inspected in accordance with an "A" inspection per section 2 page 2 of the Approved Aircraft Inspection Program for Avantair Inc. and has been determined to be in airworthy condition. The above maintenance was performed in accordance with Piaggio, Pratt&Whitney Canada, and Hartzell maintenance and component manuals. Performed ground run up and satisfactory leak and operational checks. The Aircraft, Airframe, Aircraft Engine, Propeller, or Appliance identified above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved for return to service. Pertinent details are on file at this Repair Station.</p> | | |
| <p>APPROVED BY: <u>Thomas Hall</u> INSPECTOR FOR</p> <p> LANDMARK AVIATION FAA Repair Station PAI5208A Greensboro, NC</p> | | | | <p>05 Oct 2010</p> <p># 1 Engine Logbook WO: 6491-N162SL N162SL - Piaggio P-180 (Avanti II), S/N 1130 Airframe Hours: 3823.9 Airframe Landings: 2894 # 1 Engine Hours: 3823.9 # 1 Engine Cyc/Lndgs: 2914 Pratt & Whitney PT6A-66 S/N PCERK-0208</p> <p>Complied with the Following Items:</p> <p>#1 engine magnetic chip detector circuitry inspection. AFL# 105808-3</p> <p>The above maintenance was performed in accordance with Piaggio, Pratt & Whitney, and Hartzell maintenance and component manuals. The Aircraft, Airframe, Engines, Propellers or Appliances stated above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved to return to service. Pertinent details are on file with Avantair, Inc.'s Quality Assurance Department.</p> <p>575 Aviation Dr. Camarillo, CA 93010 Phone: 805-383-1100 Fax: 805-383-2037</p> <p>Signed: <u>[Signature]</u> 2708427 For Avantair, Inc.</p> | | |
| <p> ACCESS AVIATION MAINTENANCE SERVICES</p> <p>N162SL/1130 TSN: 3726.3 CSN: 2814 DATE: 9/5/10</p> <p>#1 ENGINE PCE-RK-0208 TSN: 3726.3 CSN: 2834</p> <p>THE FOLLOWING WORK HAS BEEN COMPLIED WITH:</p> <ol style="list-style-type: none"> 150 HOUR INSP PER P&W PT62-66 MANUAL Complied with P&W PERIODIC INSP IAW PT6A-66 MANUAL Complied with oil filter replacement P/N On/Off 3059258-01 Complied with oil filter patch test P/N GA-MF <p>THE FOLLOWING WORK HAS BEEN PERFORMED USING THE MANUFACTURERS MAINTENANCE MANUAL THIS AIRFRAME AND/OR ENGINE(S) IS APPROVED FOR RETURN TO SERVICE</p> <p>NAME: <u>Joseph A. Enderle</u> CERTIFICATE: A & P <u>39409494</u></p> <p>SIGNATURE: <u>Joseph A. Enderle</u></p> | | | | | | |



1 Engine Logbook WO: 6582-N162SL 21 Oct 2010
 N162SL - Piaggio P-180 (Avanti II), S/N 1130
 Airframe Hours: 3874.1 Airframe Landings: 2939
 # 1 Engine Hours: 3874.1
 # 1 Engine Cyc/Lndgs: 2959
 Pratt & Whitney PT6A-66 S/N PCERK-0208

Compiled with the Following Items:

- Applicable Portions P&W Periodic Inspect Guide.
- P3 Air Filter Inspection.
- Power Turbine Blade Inspection.
- Engine Oil Filter Inspection.
- Engine Magnetic Chip Detector Inspection.
- Engine Magnetic Chip Detector Bridge Inspection.
- Oil Scavenge Pump Inlet Screen Inspection (Low Humidity). AML#109762
- Engine Oil Filter Patch Test. AML#109760
- Removed and Replaced Oil Filter Element. AML#109761
- PN OFF:3059258-01 SN OFF:N/A -- PN ON:3059258-01 SN ON:N/A

The above maintenance was performed in accordance with Piaggio, Pratt & Whitney, and Hartzell maintenance and component manuals. The Aircraft, Airframe, Engines, Propellers or Appliances stated above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved to return to service. Pertinent details are on file with Avantair, Inc.'s Quality Assurance Department.

Certificate Number: V2JR078L
 4311 General Howard Drive
 Clearwater, FL 33762
 Phone: 727-539-0071
 Fax: 272-539-7007

Signed:

For Avantair, Inc



Removed

| | | | |
|----------------|------------------|-----------------|------------------|
| N162SL | SERIAL #: 1130 | AC TSN: 3958.4 | WO # 6883-N162SL |
| DATE: 11/11/10 | Pratt & Whitney | AC CSN: 3002 | |
| PT6A-66 | SERIAL #: RK0208 | ENG TSN: 3958.4 | TSO: |
| | POSITION: #1 | ENG CSN: 3022 | CSO: |

Due Overhaul

Authorized Signature


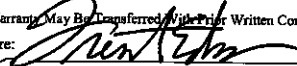

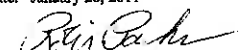
CRS# V2JR078L

of task





Signature

AME
ACA/AMO
SCA/AMO

Section 1: Record of engine maintenance and elementary work

| Date --/--/-- | Time since new | Time since overhaul | Total cycles | Details of task | Signature | AME ACA/AMO SCA/AMO |
|--|-----------------------|---|---------------------------------|-----------------|-----------|---------------------------|
|  DallasAirmotive 6114 Forest Park Rd Dallas, TX 75235-6498 BBA Aviation Certificate No.: YRRR4911 | | | | | | |
| Gas Generator Certificate of Work Accomplished | | | | | | |
| PT6A-66 | Engine S/N: PCERK0208 | TSN: 3958.4 | TSO: 00.0 | CSN: 3022 | CSO: Zero | |
| Overhauled, Tested and Preserved with reference to Pratt & Whitney overhaul Manual 3036123 Revision 28 Dated May 28, 2010 and other data and methods acceptable to the administrator. | | | | | | |
| Turbine Vane Ring Area: CT: 7.19 | | | | | | |
| Airworthiness Directive Status: | | | | | | |
| Not Applicable: AD 97-04-12 Amendment 39-9936 Dated March 14, 1997 to installed serial number | | | | | | |
| Pratt & Whitney Service Bulletins Accomplished: | | | | | | |
| Gas Generator: 14156. | | | | | | |
| Accessory Gearbox: 1:374. | | | | | | |
| General: 14001, 14002, 14004, 14104, 14125, 14164, 14167, 14168, 14169, 14405, 14603. | | | | | | |
| Manufacturer Service Bulletins Accomplished: Argo-Tech: 73-2. | | | | | | |
| CORRECTED ENGINE PERFORMANCE | | | | | | |
| S.H.P. | Ng% | T ₃ °F | T ₃ °C | SFC | Ng Speed | T ₃ Trimmer |
| 850 | 93.2 | 1215 | 657.0 | 0.669 | 34944 | P/N: 3053995 Class 20 |
| T ₃ Pull Down Required | | | Compressor Turbine Trim Weights | | | |
| 0 °C | | Adjusted @ ∞ Ω | | A32N | A32N | N/R N/R |
| Life Limited Components Installation Record (Reference to S/B 14002, Latest Revision) | | | | | | |
| Name | Part Number | Serial Number | Total Hours | Total Cycles | Remarks | |
| Impeller | 3036898 | EAAA000C164 | 3958.4 | 3022 | | |
| Rotor - Stg 4 Comp. | 3040944 | EAAA000A415 | 3958.4 | 3022 | | |
| Rotor - Stg 3 Comp. | 3040933 | TXA1B0891 | 3958.4 | 3022 | | |
| Rotor - Stg 2 Comp. | 3040942 | EAAA000A356 | 3958.4 | 3022 | | |
| Rotor - Stg 1 Comp. | 3037001 | EAAA000A098 | 3958.4 | 3022 | | |
| Rotor - Shaft Comp. | 3043063 | PKAAA064041 | 3958.4 | 3022 | | |
| C.T. Disk | 3053740-01 | A00246AN | 3958.4 | 3022 | | |
| C.T. Blades | 3118591-01 | NSN | New | N/A | | |
| #1 Mainline Bearing | 3113589-01 | FAA0637956 | 3958.4 | N/A | | |
| Accessory Installation | | | | | | |
| Name | Part Number | Serial Number | T.S.O. | Remarks | | |
| Fuel Control | 8063-016A | 14947244 | 00.0 | Ex - PCERK0203 | | |
| Divider Control | 3038472 | 9959524192 | 00.0 | | | |
| Fuel Heater | 10585K | WA21893 | 00.0 | | | |
| Fuel Pump | 825601-5 | 5685 | 00.0 | | | |
| P ₃ Air Filter | 3029267 | NSN | 00.0 | | | |
| Exciter | 10-381550-4 | NNA06527349 | 00.0 | | | |
| Ignition Cables | 3119836-01 | NSN | New | | | |
| Bleed Valve | 3059835-01 | AHX007370 | 00.0 | | | |
| T5 Trimmer | 3053995 Class 20 | NR00559 | 00.0 | | | |
| By-Pass Valve | 3024996 | 6167 | 00.0 | | | |
| Main Oil Filter | 3059258-01 | NSN | New | | | |
| Fuel Nozzles | Various | Various | 00.0 | | | |
| This Engine Has Been Repaired And Inspected In Accordance With Current Regulations Of The Federal Aviation Administration, Title 14, Code Of Federal Regulations, Part 43 And In Respect To That Work, This Engine Is Approved For Return To Service. Pertinent Details Of This Repair Are On File At This Repair Station Under Sales Order OH52723. | | | | | | |
| Warranty May Be Transferred With Prior Written Consent. Please Call 1.800.527.5003. | | | | | | |
| Authorized Signature:  | | | Date: January 26, 2011 | | | |
| Prepared By:  | | Reviewed By:  | | | | |

Section 1: Record of engine maintenance and elementary work


| Date | Time since | Time since | Total cycles | Details of task | Signature | AME ACA/AMO SCA/AMO | | | | | | | | | | | | | | | | | | | | |
|--|-------------------|-----------------|------------------|--|-----------|---------------------------|-----------|--|----------------|------------------|--------|----------------|--------------|--|----------------|-----------------|-----------------|----------|---------|-------------------|---------------|--------|--|--------------|--|--|
|  | | | | <table border="1"> <tr> <td colspan="2">Installed</td> <td>AC TSN: 3970.5</td> <td>WO # 7824-N163SL</td> </tr> <tr> <td>N163SL</td> <td>SERIAL #: 1131</td> <td>AC CSN: 2931</td> <td></td> </tr> <tr> <td>DATE: 02/12/11</td> <td>Pratt & Whitney</td> <td>ENG TSN: 3958.4</td> <td>TSO: 0.0</td> </tr> <tr> <td>PT6A-66</td> <td>SERIAL #: RK-0208</td> <td>ENG CSN: 3022</td> <td>CSO: 0</td> </tr> <tr> <td></td> <td>POSITION: #1</td> <td></td> <td></td> </tr> </table> | | | Installed | | AC TSN: 3970.5 | WO # 7824-N163SL | N163SL | SERIAL #: 1131 | AC CSN: 2931 | | DATE: 02/12/11 | Pratt & Whitney | ENG TSN: 3958.4 | TSO: 0.0 | PT6A-66 | SERIAL #: RK-0208 | ENG CSN: 3022 | CSO: 0 | | POSITION: #1 | | |
| Installed | | AC TSN: 3970.5 | WO # 7824-N163SL | | | | | | | | | | | | | | | | | | | | | | | |
| N163SL | SERIAL #: 1131 | AC CSN: 2931 | | | | | | | | | | | | | | | | | | | | | | | | |
| DATE: 02/12/11 | Pratt & Whitney | ENG TSN: 3958.4 | TSO: 0.0 | | | | | | | | | | | | | | | | | | | | | | | |
| PT6A-66 | SERIAL #: RK-0208 | ENG CSN: 3022 | CSO: 0 | | | | | | | | | | | | | | | | | | | | | | | |
| | POSITION: #1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Authorized Signature:  CRS# V2JR078L | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | 23 Feb 2011 # 1 Engine Logbook WO: 8373-N163SL N163SL - Piaggio P-180 (Avanti II), S/N 1131 Airframe Landings: 2963 Airframe Hours: 4012.4 TSO: 41.9 # 1 Engine Hours: 4000.3 CSO: 32 # 1 Engine Cyc/Lndgs: 3054 Pratt & Whitney PT6A-66 S/N PCERK-0208 | | | | | | | | | | | | | | | | | | | | | | |
| Complied with the Following Items: | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Applicable Portions P&W Periodic Inspect Guide AML #120714-12 P3 Air Filter Inspection Power Turbine Blade Inspection Engine Oil Filter Inspection Engine Magnetic Chip Detector Inspection Engine Magnetic Chip Detector Bridge Inspection Fuel Pump Inlet Screen Inspection AML #120715-13 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| The above maintenance was performed in accordance with Piaggio, Pratt & Whitney, and Hartzell maintenance and component manuals. The Aircraft, Airframe, Engines, Propellers or Appliances stated above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved to return to service. Pertinent details are on file with Avantair, Inc.'s Quality Assurance Department. | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 575 Aviation Dr. Camarillo, CA 93010 Phone: 805-383-1100 Fax: 805-383-2037 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Signed:  AHP3044639 For Avantair, Inc. | | | | | | | | | | | | | | | | | | | | | | | | | | |

Complied with the Following Items:

- Comply with Applicable Portions P&W Periodic Inspect Guide
- P3 Air Filter Inspection
- Power Turbine Blade Inspection
- Engine Oil Filter Inspection
- Engine Magnetic Chip Detector Inspection
- Engine Magnetic Chip Detector Bridge Inspection

The above maintenance was performed in accordance with Piaggio, Pratt & Whitney, and Hartzell maintenance and component manuals. The Aircraft, Airframe, Engines, Propellers or Appliances stated above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved to return to service. Pertinent details are on file with Avantair, Inc.'s Quality Assurance Department.

Certificate Number: V2JR078L
 4311 General Howard Drive
 Clearwater, FL 33762
 Phone: 727-539-0071
 Fax: 272-539-7007

Signed: 
 For Avantair, Inc.

WO: 9009-N163SL
 # 1 Engine Logbook N163SL - Piaggio P-180 (Avanti II), S/N 1131
 Airframe Hours: 4160.3 Airframe Landings: 3084
 # 1 Engine Hours: 4148.2 TSO: 189.8
 # 1 Engine Cyc/Lndgs: 3175 CSO: 153
 Pratt & Whitney PT6A-66 S/N PCERK-0208

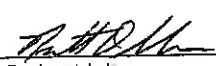
task

Complied with the Following Items.

- Applicable Portions P&W Periodic Inspect Guide (AML #125956-8)
- Power Turbine Blade Inspection
- Engine Magnetic Chip Detector Inspection
- P3 Air Filter Inspection
- Engine Magnetic Chip Detector Bridge Inspection
- Engine Oil Filter Inspection

The above maintenance was performed in accordance with Piaggio, Pratt & Whitney, and Hartzell maintenance and component manuals. The Aircraft, Airframe, Engines, Propellers or Appliances stated above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved to return to service. Pertinent details are on file with Avantair, Inc.'s Quality Assurance Department.

575 Aviation Dr.
 Camarillo, CA 93010
 Phone: 805-383-1100
 Fax: 805-383-2037

Signed:  ^{AMP} 552833176

WO: 9712-N163SL
 # 1 Engine Logbook N163SL - Piaggio P-180 (Avanti II), S/N 1131
 Airframe Hours: 4305.2 Airframe Landings: 3199
 # 1 Engine Hours: 4293.1 TSO: 334.7
 # 1 Engine Cyc/Lndgs: 3290 CSO: 288
 Pratt & Whitney PT6A-66 S/N PCERK-0208

14 May 2011

Complied with the Following Items:

- Engine Magnetic Chip Detector Inspection LP #117001

The above maintenance was performed in accordance with Piaggio, Pratt & Whitney, and Hartzell maintenance and component manuals. The Aircraft, Airframe, Engines, Propellers or Appliances stated above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved to return to service. Pertinent details are on file with Avantair, Inc.'s Quality Assurance Department.

Certificate Number: V2JR078L
 4311 General Howard Drive
 Clearwater, FL 33762
 Phone: 727-539-0071
 Fax: 272-539-7007

Signed: 
 For Avantair, Inc.

WO: 10084-N163SL
 # 1 Engine Logbook N163SL - Piaggio P-180 (Avanti II), S/N 1131
 Airframe Hours: 4368.9 Airframe Landings: 3254
 # 1 Engine Hours: 4356.8 TSO: 398.4
 # 1 Engine Cyc/Lndgs: 3345 CSO: 323
 Pratt & Whitney PT6A-66 S/N PCERK-0208

29 May 2011

Signature

AME
 ACA/AMO
 SCA/AMO

AVANTAIR

1 Engine Logbook WO: 11408-N163SL 28 Aug 2011
 N163SL - Piaggio P-180 (Avanti II), S/N 1131
 Airframe Hours: 4716.8 Airframe Landings: 3534
 # 1 Engine Hours: 4704.7 TSO: 746.3
 # 1 Engine Cyc/Lndgs: 3625 CSO: 603
 Pratt & Whitney PT6A-66 S/N PCERK-0208

Complied with the Following Items:

- P&W Periodic Inspection
- P3 Air Filter Inspection
- Engine Oil Filter Inspection
- Engine Magnetic Chip Detector Inspection
- Power Turbine Blade Inspection
- Engine Magnetic Chip Detector Bridge Inspection

The above maintenance was performed in accordance with Piaggio, Pratt & Whitney, and Hartzell maintenance and component manuals. The Aircraft, Airframe, Engines, Propellers or Appliances stated above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved to return to service. Pertinent details are on file with Avantair, Inc.'s Quality Assurance Department.

4311 General Howard Drive
 Clearwater, FL 33762
 Phone: 727-539-0071
 Fax: 272-539-7007

Signed: [Signature] AWP 3232874
 For Avantair, Inc.

AVANTAIR

1 Engine Logbook WO: 11987-N163SL 21 Sep 2011
 N163SL - Piaggio P-180 (Avanti II), S/N 1131
 Airframe Hours: 4789.1 Airframe Landings: 3600
 # 1 Engine Hours: 4777.0 TSO: 818.6
 # 1 Engine Cyc/Lndgs: 3691 CSO: 669
 Pratt & Whitney PT6A-66 S/N PCERK-0208

Complied with the Following Items:

- Engine Magnetic Chip Detector Inspection LP#136344

The above maintenance was performed in accordance with Piaggio, Pratt & Whitney, and Hartzell maintenance and component manuals. The Aircraft, Airframe, Engines, Propellers or Appliances stated above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved to return to service. Pertinent details are on file with Avantair, Inc.'s Quality Assurance Department.

4311 General Howard Drive
 Clearwater, FL 33762
 Phone: 727-539-0071
 Fax: 272-539-7007

Signed: [Signature] 977 AWP 3232874
 For Avantair, Inc.

task

AVANTAIR

1 Engine Logbook WO: 12187-N163SL 4 Oct 2011
 N163SL - Piaggio P-180 (Avanti II), S/N 1131
 Airframe Hours: 4856.1 Airframe Landings: 3043
 # 1 Engine Hours: 4844.0 TSO: 805.0
 # 1 Engine Cyc/Lndgs: 3734 CSO: 712
 Pratt & Whitney PT6A-66 S/N PCERK-0208

Complied with the Following Items:

- P&W Periodic Inspect Guide. AML# 132317
- P3 Air Filter Inspection
- Engine Oil Filter Inspection
- Engine Magnetic Chip Detector Inspection
- Power Turbine Blade Inspection
- Oil Scavenging Pump Inlet Screen Insp

Removed and replaced parts list:

Oil Filter Element. AML# 132318
 PN OFF:3059258-01 SN OFF:NSN — PN ON:3059258-01 SN ON:NSN

The above maintenance was performed in accordance with Piaggio, Pratt & Whitney, and Hartzell maintenance and component manuals. The Aircraft, Airframe, Engines, Propellers or Appliances stated above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved to return to service. Pertinent details are on file with Avantair, Inc.'s Quality Assurance Department.

575 Aviation Dr.
 Camarillo, CA 93010
 Phone: 805-383-1100
 Fax: 805-383-2037

Signed: [Signature] AWP 2700427
 For Avantair, Inc.

AVANTAIR

1 Engine Logbook WO: 12798-N163SL 12 Nov 2011
 N163SL - Piaggio P-180 (Avanti II), S/N 1131
 Airframe Hours: 4992.6 Airframe Landings: 3753
 # 1 Engine Hours: 4980.5 TSO: 1022.1
 # 1 Engine Cyc/Lndgs: 3845 CSO: 823
 Pratt & Whitney PT6A-66 S/N PCERK-0208

Complied with the Following Items:

- Applicable Periodic P&W Periodic Inspect Guide AML #138384-8
- P3 Air Filter Inspection LP #122162-1
- Engine Oil Filter Inspection LP #122162-1
- Engine Magnetic Chip Detector Inspection LP #122162-1
- Power Turbine Blade Inspection AML #139392-10
- Propeller Balance Inspection AML #139392-12
- P3 Air Filter Replacement AML #139394-18
- PN OFF: 3029257 SN OFF: NA — PN ON: WF334552 SN ON: NA
- Engine Fuel Nozzle Leak & Functional Test AML #39394-18
- RPT Fuel Bleed
- PN OFF: 3029257 SN OFF: NA

The above maintenance was performed in accordance with Piaggio, Pratt & Whitney, and Hartzell maintenance and component manuals. The Aircraft, Airframe, Engines, Propellers or Appliances stated above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved to return to service. Pertinent details are on file with Avantair, Inc.'s Quality Assurance Department.

7513 Leramon Ave.
 Dallas, TX 75209
 Phone: 214-358-6080

Signed: [Signature] 125 3085383411
 For Avantair, Inc.

AME
CA/AMO
CA/AMO

Section 1: Record of engine maintenance and elementary work

| Date | Time since | Time since | Total cycles | Details of task | Signature | AME ACA/AMO SCA/AMO |
|------|------------|------------|--------------|---|-----------|---------------------------|
| | | | | # 1 Engine Logbook WO: 13636-N163SL N163SL - Piaggio P-180 (Avanti II), S/N 1131 Airframe Hours: 5140.3 Airframe Landings: 3870 # 1 Engine Hours: 5128.2 TSO: 1169.8 # 1 Engine Cyc/Lndgs: 3962 CSO: 940 Complied with the Following Items: Pratt & Whitney PT6A-66 S/N PCERK-0208 150Hr P&W Periodic Inspections Items per Ch 72-00-00 Table 601 P3 Air Filter Inspection Engine Oil Filter Inspection Engine Magnetic Chip Detector Inspection Power Turbine Blade Inspection Fuel Pump Inlet Screen Inspection The above maintenance was performed in accordance with Piaggio, Pratt & Whitney, and Hartzell maintenance and component manuals. The Aircraft, Airframe, Engines, Propellers or Appliances stated above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved to return to service. Pertinent details are on file with Avantair, Inc.'s Quality Assurance Department. 4311 General Howard Drive Clearwater, FL 33762 Phone: 727-539-0071 Fax: 272-539-7007 Signed: <i>[Signature]</i> 0659740 For Avantair, Inc. | | |

| | | | | | | |
|--|--|--|--|---|--|--|
| | | | | # 1 Engine Logbook WO: 14075-N163SL N163SL - Piaggio P-180 (Avanti II), S/N 1131 Airframe Hours: 5279.6 Airframe Landings: 3981 # 1 Engine TSN: 5267.5 TSO: 1309.1 # 1 Engine CSN: 4073 CSO: 1081 Complied with the Following Items: Pratt & Whitney PT6A-66 S/N PCERK-0208 Applicable Portions P&W Periodic Inspect Guide (AML #150856-15) P3 Air Filter Inspection Engine Oil Filter Inspection Engine Magnetic Chip Detector Inspection Power Turbine Blade Inspection Engine Magnetic Chip Detector Bridge Inspection The above maintenance was performed in accordance with Piaggio, Pratt & Whitney, and Hartzell maintenance and component manuals. The Aircraft, Airframe, Engines, Propellers or Appliances stated above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved to return to service. Pertinent details are on file with Avantair, Inc.'s Quality Assurance Department. 575 Aviation Dr. Camarillo, CA 93010 Phone: 805-383-1100 Fax: 805-383-2037 Signed: <i>[Signature]</i> 552833176 For Avantair, Inc. | | |
|--|--|--|--|---|--|--|

AIR JET EXPRESS AVIATION.
 7835 S. PEORIA ST. ENGLEWOOD, CO. 80112

WO# 14752
 AIRCRAFT TYPE: PIAGGIO P-180 II Avanti
 Pratt & Whitney PT6A-66 S/N PCE RK-0208
 Engine No.1: TSN: 5415.3, CSN: 4174,
 TSO: 1456.9, CSO: 1152

Registration: N163SL Serial #: 1131 Airframe Hours: 5427.4 Date: MAR 13TH 2012
 Cycles: 4082

Accomplished the following:

- ◆ 25962-11 COMPLIED WITH 72-00-00 - NO.1 ENGINE PERIODIC INSPECTION; REFER TO PRATT & WHINEY PT6A-66 MAINTENANCE MANUAL CH. 72-00-00, AND TR72-12 FOR WORK PERFORMED.
- ◆ 25962-19 OIL FILTER ELEMENT LEFT HAND ENGINE. DISCREPANCY: DURING COMPLIANCE OF P&W PERIODIC INSPECTION IT WAS NOTED THAT THE LEFT HAND ENGINE OIL FILTER WAS DAMAGED, HAD A HOLE INSIDE INNER FILTER SCREEN. MODEL: P&W PT66A-66 PART#: 30592858-01 SERIAL#: NSN ACTION: REMOVED DAMAGED OIL FILTER P/N 3059258-01, S/N NSN. INSTALLED NEWLE MANUFACTURED OIL FILTER ELEMENT P/N 3059258-01, S/N NSN. REFER TO PRATT & WHITNEY CANADA TCCA 24-0078 DATED JULY/08/2008. PERFORMED ENGINE GROUND RUNS, LEAK CHECKS WITH NO DEFECTS NOTED. REFER TO PIAGGIO P-180 II MAINTENANCE MANUAL CH. 79-20-00, AND P&W MAINTENANCE MANUAL CH 79-20-02 FOR WORK PERFORMED.
- ◆ All work accomplished with reference from Pratt & Whitney, Piaggio Aircraft Maintenance Manuals, Airworthiness Directives, Service Bulletins, and/or Component Manuals.

AJEA-Work Order # 25962

THE AIRCRAFT IDENTIFIED ABOVE WAS REPAIRED AND/OR INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS, AIRCRAFT MANUFACTURES MAINTENANCE MANUALS, AND/OR COMPONENT MANUFACTURES MAINTENANCE MANUALS AND WAS FOUND TO BE IN AN AIRWORTHY CONDITION AND IS APPROVED FOR RETURN TO SERVICE, FOR THE WORK PERFORMED ABOVE.

Jacob Martinez *[Signature]* A & P # 3128132
 William Highfill *[Signature]* A & P # 3503293

| | | | | |
|--|---|-------------|--|-------------|
| # 1 Engine Logbook N163SL - Piaggio P-180 (Avanti II), S/N 1131 | WO: 15374-N163SL 5565.7 Airframe Landings: 4193 5563.6 TSO: 1595.2 4285 CSO: 1263 | 25 Apr 2012 | # 1 Engine Logbook N163SL - Piaggio P-180 (Avanti II), S/N 1131 Airframe Hours: 5700.2 Airframe Landings: 4300 # 1 Engine Hours: 5888.1 TSO: 1729.7 # 1 Engine Cyc/Lndgs: 4392 CSO: 1370 Pratt & Whitney PT6A-66 S/N PCERK-0208 | 05 Jun 2012 |
|--|---|-------------|--|-------------|

Complied with the Following Items: Pratt & Whitney PT6A-66 S/N PCERK-0208

P&W Periodic Inspection Items per Ch 72-00-00 Table 601, all minor & routine items in the P&W MM P/N3036122 R39
AML#146703-17
P3 Air Filter Inspection
Engine Oil Filter Inspection
Engine Magnetic Chip Detector Inspection
Power Turbine Blade Inspection AML#146701-19
Periodic Borescope Inspection AML#146704-21
Engine Fuel Nozzle Leak & Functional Test AML#146705-23
PN:3119855-01

The above maintenance was performed in accordance with Piaggio, Pratt & Whitney, and Hartzell maintenance and component manuals. The Aircraft, Airframe, Engines, Propellers or Appliances stated above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved to return to service. Pertinent details are on file with Avantair, Inc.'s Quality Assurance Department.

7515 Lemmon Ave.
Dallas, TX 75209
Phone: 214-358-6090
Signed: Matt Stewart 225 3585383 ASIP
For Avantair, Inc.

AVANTAIR

Complied with the Following Items:
P&W Periodic Inspection Items per CH 72-00-00 Table 601 TR 72-13, all minor and routine items AML # 146836-23
P3 Air Filter Inspection
Engine Oil Filter Inspection
Engine Magnetic Chip Detector Inspection
Power Turbine Blade Inspection AML # 146837-26
Fuel Pump Inlet Screen Inspection AML # 146837-27

The above maintenance was performed in accordance with Piaggio, Pratt & Whitney, and Hartzell maintenance and component manuals. The Aircraft, Airframe, Engines, Propellers or Appliances stated above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved to return to service. Pertinent details are on file with Avantair, Inc.'s Quality Assurance Department.

7515 Lemmon Ave.
Dallas, TX 75209
Phone: 214-358-6090
Signed: [Signature] 308209 ASIP
For Avantair, Inc.

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| # 1 Engine Logbook N163SL - Piaggio P-180 (Avanti II), S/N 1131 | WO: 16815-N163SL 5848.4 Airframe Landings: 4406 5836.3 TSO: 1877.9 4498 CSO: 1476 | 10 Jul 2012 |
|--|---|-------------|

Complied with the Following Items:
Pratt & Whitney PT6A-66 S/N PCERK-0208
P&W Periodic Inspection Items Per Ch 72-00-00 Table 601, All Minor And Routine Items. AML #162079-4
Oil Scavenge Pump Inlet Screen Inspections (Low Humidity) AML #162096-6
Engine Magnetic Chip Detector Inspection AML #162097-11
Engine Magnetic Chip Detector Bridge Inspection AML #162100-19
Power Turbine Blade Inspection AML #162107-21

The above maintenance was performed in accordance with Piaggio, Pratt & Whitney, and Hartzell maintenance and component manuals. The Aircraft, Airframe, Engines, Propellers or Appliances stated above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved to return to service. Pertinent details are on file with Avantair, Inc.'s Quality Assurance Department.

7515 Lemmon Ave.
Dallas, TX 75209
Phone: 214-358-6090
Signed: [Signature] 1279 AdP 964918707
For Avantair, Inc.

See



1 Engine Logbook WO: 17127-N163SL 2 Aug 2012
 N163SL - Piaggio P-180 (Avanti II), S/N 1131
 Airframe Hours: 5929.7 Airframe Landings: 4468
 # 1 Engine Hours: 5917.6 TSO: 1959.2
 # 1 Engine Cyc/Lndgs: 4580 CSO: 1538
 Pratt & Whitney PT6A-66 S/N PCERK-0208

Complied with the Following Items:

Engine Minor Inspection IAW P&W MM 72-00-00 Periodic Inspection TR-72-13 Table 601 (AML #162372-3)
 P3 Air Filter Inspection
 Engine Oil Filter Inspection

The above maintenance was performed in accordance with Piaggio, Pratt & Whitney, and Hartzell maintenance and component manuals. The Aircraft, Airframe, Engines, Propellers or Appliances stated above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved to return to service. Pertinent details are on file with Avantair, Inc.'s Quality Assurance Department.

575 Aviation Dr.
 Camarillo, CA 93010
 Phone: 805-383-1100
 Fax: 805-383-2037

Signed: [Signature] ^{A&P} 552833176
 For Avantair, Inc.



| | | | |
|------------------------|-----------------|-------------|-------------------|
| N163SL | Piaggio P-180II | ATT: 5960.3 | WO # 17304-N163SL |
| DATE: 8/15/2012 | Serial #: 1131 | LDGS: 4492 | |
| Engine S/N: PCE-RK0208 | TTSN: 5948.2 | TCSN: 4584 | |
| Model: PT6A-66 | TSO: 1989.8 | CSO: 1562 | |

Hot Section due at TTSN: 5948.2

Removed and installed reworked Hot Section components. Removed and installed serviceable fuel nozzles. All work performed in accordance with section 72-50-01, 72-50-02, 72-40-00 and 73-11-05 in the Pratt & Whitney Canada Maintenance Manual P/N 3036122 Rev. 39.

Next Hot Section due at TTSN: 7948.2

The above maintenance was performed in accordance with Piaggio, Pratt & Whitney, and Hartzell maintenance and component manuals. The Aircraft, Airframe, Engines, Propellers, or Appliances stated above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved to return to service. Pertinent details are on file with Avantair, Inc.'s Quality Assurance Department.

Authorized Signature [Signature] 955 A&P# 3447739



1 Engine Logbook WO: 17304-N163SL 9 Aug 2012
 N163SL - Piaggio P-180 (Avanti II), S/N 1131
 Airframe Hours: 5960.3 Airframe Landings: 4492
 # 1 Engine Hours: 5948.2 TSO: 1989.8
 # 1 Engine Cyc/Lndgs: 4584 CSO: 1562
 Pratt & Whitney PT6A-66 S/N PCERK-0208

Complied with the Following Items:

SB 72-14452 Rev 1 Replacement of Electrical Oil Level Filler Cap and Indicator. This Action Complies with AMOC for AD 2010-21-08 Terminating the Repetitive Inspection Requirements of AD 2010-21-08. LP# 165640

The above maintenance was performed in accordance with Piaggio, Pratt & Whitney, and Hartzell maintenance and component manuals. The Aircraft, Airframe, Engines, Propellers or Appliances stated above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved to return to service. Pertinent details are on file with Avantair, Inc.'s Quality Assurance Department.

4311 General Howard Drive
 Clearwater, FL 33762
 Phone: 727-539-0071
 Fax: 272-539-7007

Signed: [Signature] AP 3436696
 For Avantair, Inc.

Section 1: Record of engine maintenance and elementary work

| Date --/--/-- | Time since new | Time since overhaul | Total cycles | Details of task |
|------------------|-------------------|------------------------|--------------|-----------------|
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ENGINE MODEL (#1): PT6A-66
 ENGINE S/N (#1): PCE-RK0208
 REG. NO: N183SL
 WORK ORDER: 13-1120

Access Aviation Maintenance Services
 3028 Peacekeeper Way
 McClellan, CA 95652
 Phone: 916-333-5984

DATE: 1/18/2013
 Airframe TT: 8162.6
 ENG TT (#1): 8150.5
 ENG TC (#1): 4715
 ENG TSO (#1): 2192.1
 ENG TCSO (#1): 1683

19792

Engine #1 Entries
 20 Accomplished #1 Engine applicable portions of P&W Periodic Inspection Guide IAW P&W MM 72-00-00 TR72-14 Table 601, all minor & routine items. No defects noted.
 22 Accomplished #1 Engine magnetic chip detector inspection IAW P180 Avanti II MM 79-30-00. No defects noted.
 24 Accomplished #1 Engine power turbine blade inspection (Post P&W SB14172) IAW P&W MM 72-00-00. No defects noted.
 28 Removed & replaced #1 engine oil filter element with new element IAW P180 Avanti II MM 79-20-00. Ops & Leak check good. P/N Off/On: 3059258-01
 29 Accomplished 150 hour #1 Engine inspection IAW P&W MM 72-00-00.

THE AIRCRAFT AND/OR COMPONENT(S) IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED USING THE MANUFACTURER'S MAINTENANCE MANUAL AND IN ACCORDANCE WITH CURRENT RULES OF THE FEDERAL AVIATION REGULATIONS. THIS AIRFRAME AND/OR ENGINE(S) AND/OR PROPELLER(S) HAS BEEN FOUND AIRWORTHY FOR RETURN TO SERVICE.

DATE: 1/18/2013 SIGNED: *[Signature]*
 CRS#7XAR138C

Work Order: 13-1120
 Printed by EBIS 3 (datcomedia.com)

ENGINE MODEL (#1): PT6A-66
 ENGINE S/N (#1): PCE-RK0208
 REG. NO: N183SL
 WORK ORDER: 13-1120

Access Aviation Maintenance Services
 3028 Peacekeeper Way
 McClellan, CA 95652
 Phone: 916-333-5984

DATE: 1/18/2013
 Airframe TT: 8162.6
 ENG TT (#1): 8150.5
 ENG TC (#1): 4715
 ENG TSO (#1): 2192.1
 ENG TCSO (#1): 1683

19792

Engine #1 Entries
 20 Accomplished #1 Engine applicable portions of P&W Periodic Inspection Guide IAW P&W MM 72-00-00 TR72-14 Table 601, all minor & routine items. No defects noted.
 22 Accomplished #1 Engine magnetic chip detector inspection IAW P180 Avanti II MM 79-30-00. No defects noted.
 24 Accomplished #1 Engine power turbine blade inspection (Post P&W SB14172) IAW P&W MM 72-00-00. No defects noted.
 28 Removed & replaced #1 engine oil filter element with new element IAW P180 Avanti II MM 79-20-00. Ops & Leak check good. P/N Off/On: 3059258-01
 29 Accomplished 150 hour #1 Engine inspection IAW P&W MM 72-00-00.

THE AIRCRAFT AND/OR COMPONENT(S) IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED USING THE MANUFACTURER'S MAINTENANCE MANUAL AND IN ACCORDANCE WITH CURRENT RULES OF THE FEDERAL AVIATION REGULATIONS. THIS AIRFRAME AND/OR ENGINE(S) AND/OR PROPELLER(S) HAS BEEN FOUND AIRWORTHY FOR RETURN TO SERVICE.

DATE: 1/18/2013 SIGNED: *[Signature]*
 CRS#7XAR138C

Work Order: 13-1120
 Printed by EBIS 3 (datcomedia.com)

ENGINE MODEL (#1): PT6A-66
 ENGINE S/N (#1): PCE-RK0208
 REG. NO: N183SL
 WORK ORDER: 13-1120

Access Aviation Maintenance Services
 3028 Peacekeeper Way
 McClellan, CA 95652
 Phone: 916-333-5984

DATE: 1/18/2013
 Airframe TT: 8162.6
 ENG TT (#1): 8150.5
 ENG TC (#1): 4715
 ENG TSO (#1): 2192.1
 ENG TCSO (#1): 1683

19792

Engine #1 Entries
 20 Accomplished #1 Engine applicable portions of P&W Periodic Inspection Guide IAW P&W MM 72-00-00 TR72-14 Table 601, all minor & routine items. No defects noted.
 22 Accomplished #1 Engine magnetic chip detector inspection IAW P180 Avanti II MM 79-30-00. No defects noted.
 24 Accomplished #1 Engine power turbine blade inspection (Post P&W SB14172) IAW P&W MM 72-00-00. No defects noted.
 28 Removed & replaced #1 engine oil filter element with new element IAW P180 Avanti II MM 79-20-00. Ops & Leak check good. P/N Off/On: 3059258-01
 29 Accomplished 150 hour #1 Engine inspection IAW P&W MM 72-00-00.

THE AIRCRAFT AND/OR COMPONENT(S) IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED USING THE MANUFACTURER'S MAINTENANCE MANUAL AND IN ACCORDANCE WITH CURRENT RULES OF THE FEDERAL AVIATION REGULATIONS. THIS AIRFRAME AND/OR ENGINE(S) AND/OR PROPELLER(S) HAS BEEN FOUND AIRWORTHY FOR RETURN TO SERVICE.

DATE: 1/18/2013 SIGNED: *[Signature]*
 CRS#7XAR138C

Work Order: 13-1120
 Printed by EBIS 3 (datcomedia.com)

Sectio

| Engine Model | PT6A-66 | Serial N° | PCERK-0208 | Pos. |
|----------------|-----------|-----------|------------|----------|
| TSN | CSN | TSO | CSC | LEFT |
| 6,434.3 | 4,909 | 2,475.9 | 1,887 | |
| Aircraft Model | Serial No | Reg. No | A/C Time | A/C Land |
| P180 AVANTI II | 1131 | N163SL | 8,446.4 | 4,817 |

C/W "200 hr" Inspection and Engine Minor Inspection IAW P180 AVANTI II M/M Report N° 180-MAN-0200-01105 Revision "B3" dated 21 September 2012 and Pratt & Whitney Manual 3036122 (Table 801 inspections) Rev. 40 dated 07 Dec. 2012 means all applicable minor inspections were complied with, including the following:
 (200hr) Turbine Power Blade Inspection, (800hr) Fuel Inlet Screen Inspection;
 (600hr) Fuel Manifold P/N 3119856-01 & (13) Fuel Nozzles P/N 3119855-01, (600 hr) Periodic boroscope inspection, (600 hr/12 mths) Engine magnetic chip detector bridge inspection, and (200 hr) Engine magnetic chip detector inspection
 C/W SOAP and sent for analysis. Performed Engine Run IAW Piaggio M/M 71-00-00.

MAINTENANCE RELEASE

4-Apr-2013 I certify that this ENGINE was Inspected IAW P180 AVANTI II & PRATT & WHITNEY inspection programs approved under FAR 91.409 (f) (3) and is approved for return to service, only with reference to work performed.
 Details of repairs are on file with this Repair Station under W/O #107
 Signed *[Signature]* for INTERCONTINENTAL JET SERVICE CORP
 FAA Repair Station # I22R016K Hangar 27 Tulsa, OK.

of task

Signature

AME
ACA/AMO
SCA/AMO

1 of 1

PRATT & WHITNEY CANADA

ENGINE BUILD RECORD STATUS

THE FOLLOWING SERVICE BULLETINS ARE BASIC TO :

ENGINE SERIAL NO. PCE-RK0208

ENGINE MODEL PT6A-66

BUILD SPEC 677

SERVICE BULLETINS

| | | | | | | | | |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 14005 | 14013 | 14014 | 14017 | 14019 | 14021 | 14022 | 14025 | 14026 |
| 14027 | 14032 | 14034 | 14036 | 14037 | 14038 | 14039 | 14042 | 14043 |
| 14047 | 14048 | 14051 | 14052 | 14055 | 14061 | 14067 | 14071 | 14072 |
| 14075 | 14077 | 14078 | 14080 | 14085 | 14086 | 14087 | 14089 | 14092 |
| 14093 | 14094 | 14097 | 14098 | 14100 | 14101 | 14103 | 14104 | 14105 |
| 14106 | 14107 | 14108 | 14110 | 14111 | 14112 | 14115 | 14117 | 14119 |
| 14122 | 14124 | 14125 | 14127 | 14129 | 14139 | 14143 | 14144 | 14145 |
| 14147 | 14156 | 14159 | 14160 | 14163 | 14164 | 14165 | 14167 | 14168 |
| 14169 | 14174 | 14175 | 14182 | 14189 | 14198 | 14202 | 14207 | 14213 |
| 14214 | 14215 | 14216 | 14218 | 14219 | 14222 | 14223 | 14225 | 14233 |
| 14239 | 14244 | 14252 | 14253 | 14258 | 14259 | 14260 | 14266 | 14269 |
| 14272 | 14273 | 14275 | 14277 | 14280 | 14283 | 14289 | 14294 | 14295 |
| 14297 | 14299 | 14308 | 14314 | 14317 | 14329 | 14332 | 14333 | 14337 |
| 14342 | 14344 | 14346 | 14353 | 14361 | 14362 | 14364 | 14367 | 14368 |
| 14369 | 14374 | 14377 | 14381 | 14386 | 14390 | 14392 | 14393 | |

APPROVED BY : *N. JOTH* ^(S) T.C. 458
N. JOTH NO. 028

DATE : 2007.02.02

Volume #: 1

Opened on: 24 JAN 2007

ENGINE DETAILS

1. Manufacturer Pratt & Whitney Canada Corp.
2. Type/Model/Series PT6A-66 B/S: 677
3. Serial Number PCE-RK0208

Other related Transport Canada Publications

TP 14059B
IP 14058E/F

Previous Edition

TP 3910E, 2nd Edition (Jan 1987)
TP 14182E (Dec 2003)

Printed in Canada

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Civil Aviation Communications Centre (AARC)
Place de Ville,
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E-mail services@tc.gc.ca

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TP 14182E
(05/2005)
TC-1001185
Catalogue No. T52-4/2-2003E

Section 1: Record of engine maintenance and elementary work

| Date --/--/-- | Time since new | Time since overhaul | Total cycles | Details of task | | Signature | AME ACA/AMO SCA/AMO |
|------------------|-------------------|------------------------|--------------|--|---|--|------------------------------------|
| 24 JAN 2007 | 00 | 0.0 | 0 | New engine final acceptance test and inhibiting run completed satisfactorily and is in condition for safe operation. | <p>This Gas Generator module is combined with Power Section. S/N: PS- RK0208 NG/0 35000 RPM, at 850 SHP 18V0 ITT Trim: 4.9 ° T5 Trim resistance: 223.0 Ohms</p> | | |
| / | / | / | / | | | B. HORVATH <i>[Signature]</i> L. DAMONIS | T.O. 4-88 NO. 022 (RP) 32 |
| | | | | | | | |
| | | | | | | | |
| 07 MAR. 2007 | 00 | -- | 0 | THIS ENGINE HAS BEEN FILLED WITH OIL MOBIL 157 II MIL-PRF 23699. | | | |
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Section 1: Record of engine maintenance and elementary work

| Date --/--/-- | Time since new | Time since overhaul | Total cycles | Details of task | Signature | AME ACA/AMO SCA/AMO |
|------------------|-------------------|------------------------|--------------|-----------------|-----------|---------------------------|
|------------------|-------------------|------------------------|--------------|-----------------|-----------|---------------------------|



| | | | |
|----------------------|-------------------------------------|----------------------------|------------------|
| N162SL | SERIAL # 1130 | AC TSN: 145.5 | WO # 1198 |
| DATE: 7/23/07 | Pratt & Whitney- PT6A-66 | AC CSN: 113 | |
| | SERIAL # RK0208 | ENG TSN: 145.5 TSO: | |
| | POSITION: #1 | ENG CSN: 113 CSO: | |

Performed 150 HOUR INSPECTION in accordance with Pratt & Whitney PT6A-66 M/M 3036122.

Complied with the following Scheduled Inspection items:

- 150 hr/1 Year Engine Mounts and Vibration Isolators Inspection
- 150 hr Applicable Portions P&W Periodic Inspection Guide
- 100 hr P3 Air Filter Inspection
- 150 hr/1 Year Engine Controls Inspection
- 100 hr Engine Oil Filter Inspection
- 100 hr Engine Magnetic Chip Detector Inspection
- 300 hr Fuel Nozzle Leak and Functional Test

Complied with the following AD's and SB's:

- None complied with at this time.

Performed the following Maintenance:

- Installed A PT6 O-Ring kit.
- Serviced Engine with BP 2380 Turbine oil.
- Security leak and functional checks performed with no faults found.
- R/R Oil Filter Element P/N 3034292

The above maintenance was performed in accordance with Piaggio, Pratt & Whitney, and Hartzell maintenance and component manuals. The Aircraft, Airframe, Engines, Propellers, or Appliances stated above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved to return to service. Pertinent details are on file with Avantair, Inc.'s Quality Assurance Department.

Authorized Signature: 

Certificate Number 26157021

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Section 1: Record of engine maintenance and elementary work

| Date --/--/-- | Time since new | Time since overhaul | Total cycles | Details of task | Signature | AME ACA/AMO SCA/AMO |
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| N162SL | SERIAL # 1130 | AC TSN 291.5 | WO # 1474 |
| DATE 8/28/07 | Pratt & Whitney - PT6A-66 | AC CSN: 231 | |
| | SERIAL # PK0208 | ENG TSN: 291.5 TSO: | |
| | POSITION #1 | ENG CSN: 231 CSO: | |

Performed 150 HOUR INSPECTION in accordance with Pratt & Whitney PT6A-66 M/M 3036122.

Complied with the following Scheduled Inspection items:

- 150 hr/1 Year Engine Mounts and Vibration Isolators Inspection
- 150 hr Applicable Portions P&W Periodic Inspection Guide
- 100 hr P3 Air Filter Inspection
- 150 hr/1 Year Engine Control Inspection
- 100 hr Engine Oil Filter Inspection
- 100 hr Engine Magneto Chip Detector Inspection
- 300 hr Fuel Nozzle Leak and Functional Test


Complied with the following AD's and SB's:

- None complied with at this time

Performed the following Maintenance:

- Installed A P/T O-Ring Kit
- Serviced Engine with BP 2380 Turbine oil.
- Security leak and functional checks performed with no faults found.
- R/R Oil Filter Element P/N 3034292WFC

The above maintenance was performed in accordance with Paggio, Pratt & Whitney, and Harzell maintenance and component manuals. The Aircraft, Airframe, Engines, Propellers, or Appliances stated above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved to return to service. Pertinent details are on file with Avantair, Inc.'s Quality Assurance Department.

Authorized Signature  Certificate Number 93576167

Section 1: Record of engine maintenance and elementary work

| Date --/--/-- | Time since new | Time since overhaul | Total cycles | Details of task | Signature | AME ACA/AMO SCA/AMO |
|------------------|-------------------|------------------------|--------------|-----------------|-----------|---------------------------|
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|-----------------|--------------------------|---------------------|-----------|
| N162SL | SERIAL # 1130 | AC TSN: 588.5 | WO # 1949 |
| DATE 11/28/2007 | Pratt & Whitney- PT6A-66 | AC CSN: 459 | |
| | SERIAL # RK0208 | ENG TSN: 588.5 TSO: | |
| | POSITION #1 | ENG CSN: 459 CSO: | |

Performed 600 HOUR INSPECTION in accordance with Pratt & Whitney PT6A-66 M/M 3036122.

Complied with the following Scheduled Inspection items:

- 150 hr/1 Year Engine Mounts and Vibration Isolators Inspection
- 150 hr Applicable Portions P&W Periodic Inspection Guide
- 100 hr P3 Air Filter Inspection
- 150 hr/1 Year Engine Controls Inspection
- 100 hr Engine Oil Filter Inspection
- 100 hr Engine Magnetic Chip Detector Inspection
- Fuel Nozzle Leak and Functional Test
- Fuel Pump Inlet Screen Inspection
- Sundstrand Fuel Pump In-Situ Inspection
- Engine Magnetic Chip Detector Inspection
- Engine Magnetic Chip Detector Bridge Inspection
- Borescope Inspection

Complied with the following AD's and SB's:

- None complied with at this time.

Performed the following Maintenance:

- Installed A PT6 O-Ring kit.
- Serviced Engine with BP 2380 Turbine oil.
- Security leak and functional checks performed with no faults found.
- R/R Fuel Nozzles P/N 3119855-01
- R&R Engine Oil Filter P/N 3034292WFC

The above maintenance was performed in accordance with Piaggio, Pratt & Whitney, and Hartzell maintenance and component manuals. The Aircraft, Airframe, Engines, Propellers, or Appliances stated above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved to return to service. Pertinent details are on file with Avantair, Inc.'s Quality Assurance Department.

Authorized Signature *[Signature]* Certificate Number *AIP 3064442*

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Section 1: Record of engine maintenance and elementary work

| Date --/~/-- | Time since new | Time since overhaul | Total cycles | Details of task | Signature | AME ACA/AMO SCA/AMO |
|-----------------|-------------------|------------------------|--------------|-----------------|-----------|---------------------------|
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|------------------|-------------------------|---------------------|-----------|
| Camacho-Aviation | | CMA | |
| N162SL | SERIAL # 1130 | AC TSN: 740.7 | WO # 2295 |
| DATE 01/07/08 | Pratt & Whitney P10A-36 | AC CSN: 563 | |
| | SERIAL # R0020E | ENG TSN: 740.7 TSO: | |
| | POSITION # | ENG CSN: 563 CSO: | |

Performed 150 HOUR INSPECTION in accordance with Pratt & Whitney PT6A-66 M/M 3036122.

- Completed with the following Scheduled Inspection items:
- 50 hour Year Engine Mounts and Vibration Isolators Inspection
 - 50 hr. Applicable Particulates P&W Periodic Inspection Guide
 - 100 hr P1 Air Filter Inspection
 - 50 hr 1 Year Engine Controls Inspection
 - 100 hr Engine Oil Filter Inspection
 - 100 hr Engine Magnetic Chip Detector Inspection
 - 300 hr Fuel Nozzle Leak and Functional Test

Complies with the following AD's and SB's:

- None complied with at this time.
- Performed the following Maintenance:
- Installed APTC O-Ring kit
 - Serviced engine with BP 2380 Turbine oil.
 - Security leak and functional checks performed with no faults found.
 - R/F Oil Filter Element P/N 3034292WPC

The above maintenance was performed in accordance with Piaggio, Pratt & Whitney, and Hartzell maintenance and component manuals. The Aircraft, Airframe, Engines, Propellers, or Appliance stated above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved to return to service. Pertinent details are on file with Avantair, Inc.'s Quality Assurance Department.


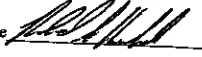
Authorized Signature Certificate Number 24157021

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Section 1: Record of engine maintenance and elementary work

| Date --/--/-- | Time since new | Time since overhaul | Total cycles | Details of task | Signature | AME ACA/AMO SCA/AMO |
|--|-------------------|------------------------|--------------|-----------------|-----------|---------------------------|
| TETERBORO R.A.M.S. LLC 333 INDUSTRIAL AVE TETERBORO, NJ 07608 201 288-1818 | | | | | | |
| DATE: 02/21/08 REG: N1625L A/C TYPE: AVANTI P-180 II A/C S/N: 1130 A/C TOTAL TIME: 888.7 A/C TOTAL CYCLES: 670 | | | | | | |
| #1 ENGINE TOTAL TIME: 888.7 #1 ENGINE TOTAL CYCLES: 670 | | | | | | |
| THE FOLLOWING WORK HAS BEEN COMPLIED WITH: | | | | | | |
| 1. 150 HR INSP PER P&W PT6A-66 MANUAL 2. PER JSSI COVERED ENG., REPLACE #1 ENG OIL FILTER DESCRIPTION: FILTER, OIL P/N: 3034292WFC S/N: NSN 3. REPLACE P3 AIR FILTER (1000HR), P/N: P-1018 S/N: NSN | | | | | | |
| THE FOLLOWING WORK HAS BEEN PERFORMED USING THE MANUFACTURERS MAINTENANCE MANUAL THIS AIRFRAME AND/OR ENGINE(S) IS APPROVED FOR RETURN TO SERVICE | | | | | | |
| NAME: J. ESPALLAT CERTIFICATE: A&P 3028781 DATE: 02/21/08 | | | | | | |
| SIGNATURE: <i>Joe Gallat</i> | | | | | | |
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Section 1: Record of engine maintenance and elementary work

| Date --/--/-- | Time since new | Time since overhaul | Total cycles | Details of task | Signature | AME ACA/AMO SCA/AMO | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--------------------------|------------------------|--------------|-----------------|-----------|---------------------------|--------|---------------|----------------|-----------|--|--|--|----------------|--------------------------|-------------|--|--|--|--|--|-----------------|----------------------|--|--|--|--|--|-------------|-------------------|--|--|--|--|
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">N162SL</td> <td style="text-align: center;">SERIAL # 1130</td> <td style="text-align: center;">AC TSN: 1031.5</td> <td style="text-align: center;">WO # 3051</td> <td colspan="3"></td> </tr> <tr> <td style="text-align: center;">DATE: 4/3/2008</td> <td style="text-align: center;">Pratt & Whitney- PT6A-66</td> <td style="text-align: center;">AC CSN: 768</td> <td colspan="4"></td> </tr> <tr> <td></td> <td style="text-align: center;">SERIAL # PK0208</td> <td style="text-align: center;">ENG TSN: 1031.5 TSO:</td> <td colspan="4"></td> </tr> <tr> <td></td> <td style="text-align: center;">POSITION #1</td> <td style="text-align: center;">ENG CSN: 768 CSO:</td> <td colspan="4"></td> </tr> </table> | | | | | | | N162SL | SERIAL # 1130 | AC TSN: 1031.5 | WO # 3051 | | | | DATE: 4/3/2008 | Pratt & Whitney- PT6A-66 | AC CSN: 768 | | | | | | SERIAL # PK0208 | ENG TSN: 1031.5 TSO: | | | | | | POSITION #1 | ENG CSN: 768 CSO: | | | | |
| N162SL | SERIAL # 1130 | AC TSN: 1031.5 | WO # 3051 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DATE: 4/3/2008 | Pratt & Whitney- PT6A-66 | AC CSN: 768 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | SERIAL # PK0208 | ENG TSN: 1031.5 TSO: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | POSITION #1 | ENG CSN: 768 CSO: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>Performed 150 HOUR INSPECTION in accordance with Pratt & Whitney PT6A-66 M/M 3036122. Completed with the following Scheduled Inspection items:</p> <ul style="list-style-type: none"> • 150 hr/1 Year Engine Mounts and vibration Isolators Inspection • 150 hr Applicable Portions P&W Periodic Inspection Guide • 100 hr P3 Air Filter Inspection • 150 hr/1 Year Engine Controls Inspection • 100 hr Engine Oil Filter Inspection • 100 hr Engine Magnetic Chip Detector Inspection • 300 hr Fuel Nozzle Leak and Functional Test <p>Complied with the following AD's and SB's:</p> <ul style="list-style-type: none"> • None complied with at this time. <p>Performed the following Maintenance:</p> <ul style="list-style-type: none"> • Installed A PT6 O-Ring kit. • Serviced Engine with BP 2380 Turbine oil. • Security leak and functional checks performed with no faults found. • R/R Oil Filter Element P/N 3034292WFC <p>The above maintenance was performed in accordance with Piaggio, Pratt & Whitney, and Hartzell maintenance and component manuals. The Aircraft, Airframe, Engines, Propellers, or Appliances stated above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved to return to service. Pertinent details are on file with Avantair, Inc.'s Quality Assurance Department.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>Authorized Signature  Certificate Number <u>AA 3184442</u></p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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Section 1: Record of engine maintenance and elementary work

| Date | Time since | Time since | Total cycles | Signature | AME ACA/AMO SCA/AMO |
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Avantair Camarillo

CMA

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| N162SL | SERIAL #: 1130 | AC TSN: 1194.2 | WO # 3327 |
| DATE: 5/15/08 | Pratt & Whitney- PT6A-66 | AC CSN: 890 | |
| | SERIAL # RK0208 | ENG TSN: 1194.2 TSO: | |
| | POSITION: #1 | ENG CSN: 890 CSO: | |

Performed Extended 600 HOUR INSPECTION in accordance with Pratt & Whitney PT6A-66 M/M 3036122.

Complied with the following Scheduled Inspection items:

- 150 hr/1 Year Engine Mounts and Vibration Isolators Inspection
- 150 hr Applicable Portions P&W Periodic Inspection Guide
- 100 hr P3 Air Filter Inspection
- 150 hr/1 Year Engine Controls Inspection
- 100 hr Engine Oil Filter Inspection
- 100 hr Engine Magnetic Chip Detector Inspection
- Fuel Nozzle Leak and Functional Test
- Fuel Pump Inlet Screen Inspection
- Engine Magnetic Chip Detector Inspection
- Engine Magnetic Chip Detector Bridge Inspection
- Borescope Inspection

Complied with the following AD's and SB's:

- None complied with at this time.

Performed the following Maintenance:

- Installed A PT6 O-Ring kit.
- Serviced Engine with BP 2380 Turbine oil.
- Security leak and functional checks performed with no faults found.
- R/R Fuel Nozzles P/N 3119855-01
- R/R Oil Filter Element P/N 3034292WFC


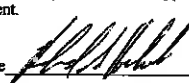
The above maintenance was performed in accordance with Piaggio, Pratt & Whitney, and Hartzell maintenance and component manuals. The Aircraft, Airframe, Engines, Propellers, or Appliances stated above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved to return to service. Pertinent details are on file with Avantair, Inc.'s Quality Assurance Department.

Authorized Signature: 



Certificate Number: 147376447

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Section 1: Record of engine maintenance and elementary work

| Date --/--/-- | Time since new | Time since overhaul | Total cycles | Details of task | Signature | AME ACA/AMO SCA/AMO |
|--|------------------------|-------------------------------------|-----------------------|------------------------|-------------|---------------------------|
|  | | | | | | |
| N162SL | | | | | | |
| DATE: 7/1/2008 | SERIAL #: 1130 | Pratt & Whitney- PT6A-66 | AC TSN: 1329.7 | WO # 3660 | | |
| | SERIAL # RK0208 | | AC CSN: 1018 | ENG TSN: 1329.7 | TSO: | |
| | POSITION: #1 | | ENG CSN: 1022 | CSO: | | |
| Performed 150 HOUR INSPECTION in accordance with Pratt & Whitney PT6A-66 M/M 3036122. | | | | | | |
| <u>Complied with the following Scheduled Inspection items:</u> | | | | | | |
| <ul style="list-style-type: none"> • 150 hr/1 Year Engine Mounts and Vibration Isolators Inspection • 150 hr Applicable Portions P&W Periodic Inspection Guide • 100 hr P3 Air Filter Inspection • 150 hr/1 Year Engine Controls Inspection • 100 hr Engine Oil Filter Inspection • 100 hr Engine Magnetic Chip Detector Inspection • 300 hr Fuel Nozzle Leak and Functional Test | | | | | | |
| <u>Complied with the following AD's and SR's:</u> | | | | | | |
| • None complied with at this time. | | | | | | |
| <u>Performed the following Maintenance:</u> | | | | | | |
| <ul style="list-style-type: none"> • Installed A PT6 O-Ring kit. • Serviced Engine with BP 2380 Turbine oil. • Security, leak and functional checks performed with no faults found. • R/R Oil Filter Element P/N 3059258-01 | | | | | | |
| The above maintenance was performed in accordance with Piaggio, Pratt & Whitney, and Hartzell maintenance and component manuals. The Aircraft, Airframe, Engines, Propellers, or Appliances stated above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved to return to service. Pertinent details are on file with Avantair, Inc.'s Quality Assurance Department. | | | | | | |
| Authorized Signature  | | Certificate Number <u>3189441</u> | | | | |
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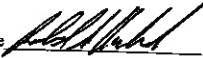
Section 1: Record of engine maintenance and elementary work

| Date | Time since | Time since | | | Signature | AME ACA/AMO SCA/AMO |
|---|---|------------------------|------------------|--------------------|----------------|---------------------------|
|  Avantair Camarillo CMA | | | | | | |
| N162SL | SERIAL #: 1130 | ACTSN: 1486.7 | WG # 4051 | | | |
| DATE: 8/12/2008 | Pratt & Whitney- PT6A-66 | AC CSN: 1139 | | | | |
| | SERIAL #: RK0208 | ENG TSN: 1486.7 | TSO: | | | |
| | POSITION: #1 | ENG CSN: 1143 | CSO: | | | |
| <p>Performed EXTENDED 150 HOUR INSPECTION in accordance with Pratt & Whitney PT6A-66 M/M 3036122.</p> <p>Complied with the following Scheduled Inspection items:</p> <ul style="list-style-type: none"> • 150 hr/1 Year Engine Mounts and Vibration Isolators Inspection • 150 hr Applicable Portions P&W Periodic Inspection Guide • 100 hr P3 Air Filter Inspection • 150 hr/1 Year Engine Controls Inspection • 100 hr Engine Oil Filter Inspection • 100 hr Engine Magnetic Chip Detector Inspection • 300 hr Fuel Nozzle Leak and Functional Test <p>Complied with the following AD's and SB's:</p> <ul style="list-style-type: none"> • None complied with at this time. <p>Performed the following Maintenance:</p> <ul style="list-style-type: none"> • Installed A PT6 O-Ring kit. • Serviced Engine with BP 2380 Turbine oil. • Security leak and functional checks performed with no faults found. <p>The above maintenance was performed in accordance with Piaggio, Pratt & Whitney, and Hartzell maintenance and component manuals. The Aircraft, Airframe, Engines, Propellers, or Appliances stated above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved to return to service. Pertinent details are on file with Avantair, Inc.'s Quality Assurance Department.</p> | | | | | | |
| Authorized Signature |  | | | Certificate Number | <u>1189444</u> | |

Section 1: Record of engine maintenance and elementary work


| Date --/--/-- | Time since new | Time since overhaul | Total cycles | Details of task | Signature | AME ACA/AMO SCA/AMO | | | | | | | | | | | | | | | | |
|---|--------------------------|------------------------|--------------|-----------------|-----------|---------------------------|---------------|----------------|----------------|-----------|---------------|--------------------------|--------------|--|--|------------------|----------------------|--|--|--------------|--------------------|--|
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| <table border="1" data-bbox="416 357 1370 479"> <tr> <td>NI62SL</td> <td>SERIAL #: 1130</td> <td>AC TSN: 1764.3</td> <td>WO # 4642</td> </tr> <tr> <td>DATE: 11/9/08</td> <td>Pratt & Whitney- PT6A-66</td> <td>AC CSN: 1356</td> <td></td> </tr> <tr> <td></td> <td>SERIAL #: RK0208</td> <td>ENG TSN: 1764.3 TSO:</td> <td></td> </tr> <tr> <td></td> <td>POSITION: #1</td> <td>ENG CSN: 1364 CSO:</td> <td></td> </tr> </table> | | | | | | | NI62SL | SERIAL #: 1130 | AC TSN: 1764.3 | WO # 4642 | DATE: 11/9/08 | Pratt & Whitney- PT6A-66 | AC CSN: 1356 | | | SERIAL #: RK0208 | ENG TSN: 1764.3 TSO: | | | POSITION: #1 | ENG CSN: 1364 CSO: | |
| NI62SL | SERIAL #: 1130 | AC TSN: 1764.3 | WO # 4642 | | | | | | | | | | | | | | | | | | | |
| DATE: 11/9/08 | Pratt & Whitney- PT6A-66 | AC CSN: 1356 | | | | | | | | | | | | | | | | | | | | |
| | SERIAL #: RK0208 | ENG TSN: 1764.3 TSO: | | | | | | | | | | | | | | | | | | | | |
| | POSITION: #1 | ENG CSN: 1364 CSO: | | | | | | | | | | | | | | | | | | | | |
| <p>Performed 600 HOUR INSPECTION in accordance with Pratt & Whitney PT6A-66 M/M 3036122.</p> <p>Complied with the following Scheduled Inspection items:</p> <ul style="list-style-type: none"> • 150 hr/1 Year Engine Mounts and Vibration Isolators Inspection • 150 hr Applicable Portions P&W Periodic Inspection Guide • 100 hr P3 Air Filter Inspection • 150 hr/1 Year Engine Controls Inspection • 100 hr Engine Oil Filter Inspection • 100 hr Engine Magnetic Chip Detector Inspection • Fuel Nozzle Leak and Functional Test • Fuel Pump Inlet Screen Inspection • Engine Magnetic Chip Detector Inspection • Engine Magnetic Chip Detector Bridge Inspection • Borecope Inspection <p>Complied with the following AD's and SB's:</p> <ul style="list-style-type: none"> • None complied with at this time. <p>Performed the following Maintenance:</p> <ul style="list-style-type: none"> • Installed PT6 O-Ring kit. • Serviced Engine with BP 2380 Turbine oil. • Security leak and functional checks performed with no faults found. • R/R Fuel Nozzles, P/N Off/On 3119855-01. • R/R P3 Filter, P/N Off/On P-1018. <p>The above maintenance was performed in accordance with Piaggio, Pratt & Whitney, and Hartzell maintenance and component manuals. The Aircraft, Airframe, Engines, Propellers, or Appliances stated above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved to return to service. Pertinent details are on file with Avantair, Inc.'s Quality Assurance Department.</p> <p>Authorized Signature: CRS Number V2JR078L</p> | | | | | | | | | | | | | | | | | | | | | | |
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Section 1: Record of engine maintenance and elementary work

| Date --/--/-- | Time since new | Time since overhaul | Total cycles | Details of task | Signature | AME ACA/AMO SCA/AMO | | | | | | | | | | | | | | | | |
|---|--------------------------|------------------------|--------------|-----------------|-----------|---------------------------|----------------|-----------|----------------|--------------------------|--------------|--|--|------------------|-----------------|------|--|--------------|---------------|------|--|--|
|  <p>Avantair</p> | | | | | | | | | | | | | | | | | | | | | | |
| <div style="display: flex; justify-content: space-between;"> Avantair Camarillo CMA </div> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>N162SL</td> <td>SERIAL #: 1130</td> <td>AC TSN: 1905.2</td> <td>WO # 4990</td> </tr> <tr> <td>DATE: 12/22/08</td> <td>Pratt & Whitney- PT6A-66</td> <td>AC CSN: 1464</td> <td></td> </tr> <tr> <td></td> <td>SERIAL #: RK0208</td> <td>ENG TSN: 1905.2</td> <td>TSO:</td> </tr> <tr> <td></td> <td>POSITION: #1</td> <td>ENG CSN: 1474</td> <td>CSO:</td> </tr> </table> | | | | | N162SL | SERIAL #: 1130 | AC TSN: 1905.2 | WO # 4990 | DATE: 12/22/08 | Pratt & Whitney- PT6A-66 | AC CSN: 1464 | | | SERIAL #: RK0208 | ENG TSN: 1905.2 | TSO: | | POSITION: #1 | ENG CSN: 1474 | CSO: | | |
| N162SL | SERIAL #: 1130 | AC TSN: 1905.2 | WO # 4990 | | | | | | | | | | | | | | | | | | | |
| DATE: 12/22/08 | Pratt & Whitney- PT6A-66 | AC CSN: 1464 | | | | | | | | | | | | | | | | | | | | |
| | SERIAL #: RK0208 | ENG TSN: 1905.2 | TSO: | | | | | | | | | | | | | | | | | | | |
| | POSITION: #1 | ENG CSN: 1474 | CSO: | | | | | | | | | | | | | | | | | | | |
| <p>Performed 150 HOUR INSPECTION IAW Pratt & Whitney PT6A-66 M/M 3036122. Complied with the following Scheduled Inspection items:</p> <ul style="list-style-type: none"> • 150 hr/1 Year Engine Mounts and Vibration Isolators Inspection • 150 hr Applicable Portions P&W Periodic Inspection Guide • 150 hr P3 Air Filter Inspection • 150 hr/1 Year Engine Controls Inspection • 150 hr Engine Oil Filter Inspection • 150 hr Engine Magnetic Chip Detector Inspection • 300 hr Fuel Nozzle Leak and Functional Test • 1000 hr Engine Oil Scavenge Pump Inlet Screen Inspection <p>Complied with the following AD's and SB's:</p> <ul style="list-style-type: none"> • None complied with at this time. <p>Performed the following Maintenance:</p> <ul style="list-style-type: none"> • Installed PT6 O-Ring kit. • Serviced Engine with BP 2380 Turbine oil. • Security leak and functional checks performed with no faults found. <p>The above maintenance was performed in accordance with Piaggio, Pratt & Whitney, and Hartzell maintenance and component manuals. The Aircraft, Airframe, Engines, Propellers, or Appliances stated above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved to return to service. Pertinent details are on file with Avantair, Inc.'s Quality Assurance Department.</p> | | | | | | | | | | | | | | | | | | | | | | |
| <p>Authorized Signature  Certificate Number <u>M/P 3184442</u></p> | | | | | | | | | | | | | | | | | | | | | | |
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Section 1: Record of engine maintenance and elementary work

| Date --/--/-- | Time since new | Time since overhaul | Total cycles | Details of task | Signature | AME ACA/AMO SCA/AMO |
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Pratt & Whitney

A United Technologies Company

MCO/QA-002a
Pratt & Whitney Engine Services, Inc.
 8440 Tradeport Drive, Suite 105
 Orlando, FL 32827
 FAA CRS # HN4D238M


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|----------------|------------------------|--------------------------|------------------------|
| ACFT. TYPE: | ACFT. S/N: 1130 | ACFT. TTSN: N/A | HOUR METER: |
| Piaggio | N#: N162SL | ACFT. TCSN: N/A | N/A |
| ENG. MODEL: | ENG. SN# | ENG. TTSN: 1960.6 | ENG. TCSN: 1514 |
| PT6A-66 | PCE-RK0208 | ENG. TSO: N/A | ENG. CSO N/A |


Page: 1 of 1
 Complied with Hot Section Inspection in accordance with Section 72-00-00, table 605. Complied with Hot Section Inspection. All work performed in accordance with PT6A-66 Maintenance Manual, part number 3036122 , Revision # 34 (Dated Nov. 7, 2008). This Engine is approved for return to service following a documented satisfactory ground run and leak check.

 Complied with Service Bulletin 14399 R2.

This engine/aircraft has been inspected/repaired/modified in accordance with current regulations of the Federal Aviation Administration and is approved for return to service, with regards to work performed above. Pertinent details of the work performed are on file at this agency under work order Pertinent details of the work performed are on file at this agency under Sales Order: 156852

DATE: **1/16/2009**


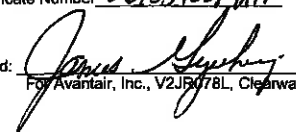
Approved Inspector: 




Joe Cusimano

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Section 1: Record of engine maintenance and elementary work

| Date --/--/-- | Time since new | Time since overhaul | Total cycles | Details of task | Signature | AME ACA/AMO SCA/AMO |
|---|-------------------|------------------------|--------------|-----------------|-----------|---------------------------|
|  | | | | | | |
| <p># 1 Engine Logbook WO: 58-N162SL 02/10/2009 N162SL - Piaggio P-180, S/N 1130 Airframe Hours: 2034.7 Airframe Landings: 1551 # 1 Engine Hours: 2034.7 # 1 Engine Cyc/Lndgs: 1551</p> | | | | | | |
| <p>Completed with the Following Items: Pratt & Whitney PT6A-66 S/N PCERK-0208</p> | | | | | | |
| <p>8.000 720005 Comply with Applicable Portions P&W Periodic Inspect Guide (Engine 1) WO Item #8.000 COMPLIED WITH APPL.PORCTIONS OF P&W PERIODIC INSPECTION GUIDE (150HR) ON ENG#1 IAW P&W MM CH.72-00-00 AND 73-10-00.</p> | | | | | | |
| <p>10.000 720007 P3 Air Filter Inspection (Engine 1) WO Item #10.000 REF.TO A CHECK PAPERWORK</p> | | | | | | |
| <p>12.000 720011 Power Turbine Blade Inspection (Engine 1) WO Item #12.000 REF.TO A CHECK PAPERWORK</p> | | | | | | |
| <p>14.000 790005 Engine Oil Filter Inspection (Engine 1) WO Item #14.000 REF.TO A CHECK PAPERWORK</p> | | | | | | |
| <p>16.000 790009 Engine Magnetic Chip Detector Inspection (Engine 1) WO Item #16.000 REF.TO A CHECK PAPERWORK</p> | | | | | | |
| <p>The above maintenance was performed in accordance with Piaggio, Pratt & Whitney, and Hartzell maintenance and component manuals. The Aircraft, Airframe, Engines, Propellers or Appliances stated above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved to return to service. Pertinent details are on file with Avantair, Inc.'s Quality Assurance Department.</p> | | | | | | |
| <p>Certificate Number <u>267354008 H&P</u></p> | | | | | | |
| <p>Signed:  _____ For Avantair, Inc., V2JW78L, Clearwater, FL 33762, 727-539-0071</p> | | | | | | |
| Empty rows for additional maintenance records | | | | | | |


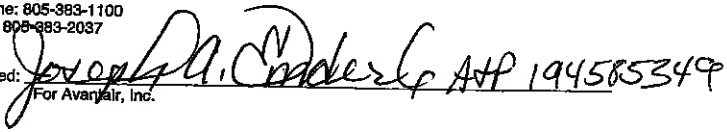
Section 1: Record of engine maintenance and elementary work

| Date --/--/-- | Time since new | Time since overhaul | Total cycles | Details of task | Signature | AME ACA/AMO SCA/AMO |
|------------------|-------------------|------------------------|--------------|--|-----------|---------------------------|
| | | | | <p>  # 1 Engine Logbook WO: 379-N162SL 03/22/2009 N162SL - Piaggio P-180, S/N 1130 Airframe Hours: 2179.7 Airframe Landings: 1655 # 1 Engine Hours: 2179.7 # 1 Engine Cyc/Lrdgs: 1665 Complied with the Following Items: Pratt & Whitney PT6A-66 S/N PCERK-0208 44.000 Complied with 720005 Comply with Applicable Portions P&W Periodic Inspect Guide (Engine 1) 46.000 Removed, inspected and reinstalled #1 engine P3 Air Filter IAW P-180 II MM 73-10-00 48.000 Complied with 720011 Power Turbine Blade Inspection (Engine 1) 50.000 Removed, inspected and reinstalled #1 engine main oil filter element IAW P-180 II MM 79-20-02. 52.000 Complied with 790009 Engine Magnetic Chip Detector Inspection (Engine 1) 54.000 Removed and replaced #1 engine main oil filter element IAW P-180 II MM 79-20-02 PN:3059258-01 SN:NSN </p> <p>The above maintenance was performed in accordance with Piaggio, Pratt & Whitney, and Hartzell maintenance and component manuals. The Aircraft, Airframe, Engines, Propellers or Appliances stated above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved to return to service. Pertinent details are on file with Avantair, Inc.'s Quality Assurance Department.</p> <p>Certificate Number: V2JR078L 4311 General Howard Drive Clearwater, FL 33762 Phone: 727-539-0071 Fax: 272-539-7007</p> <p>Signed: <i>James Seymour</i> For Avantair, Inc.</p> | | |
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Section 1: Record of engine maintenance and elementary work

| Date --/--/-- | Time since new | Time since overhaul | Total cycles | Details of task | Signature | AME ACA/AMO SCA/AMO |
|---|-------------------|------------------------|--------------|-----------------|-----------|---------------------------|
|  | | | | | | |
| <p> # 1 Engine Logbook WO: 770-N162SL 4/29/2009 N162SL - Piaggio P-180, S/N 1130 Airframe Hours: 2316.8 Airframe Landings: 1737 # 1 Engine Hours: 2316.8 # 1 Engine Cyc/Lndgs: 1747 Pratt & Whitney PT6A-66 S/N PCERK-0208 </p> | | | | | | |
| <p> Complied with the Following Items: 12.000 Complied with 720005 Comply with Applicable Portions P&W Periodic Inspect Guide (Engine 1) 14.000 Complied with 720007 P3 Air Filter Inspection (Engine 1) 16.000 Complied with 720011 Power Turbine Blade Inspection (Engine 1) 18.000 C/W Borescope Inspection #1 ENG. IN REF. TO MM 73-10-00. No defects noted at this time. 20.000 R&R L/H Fuel Nozzles IAW P&W 73-10-00. PN:3119655-01 SN:NSN 22.000 Complied with 731001 Fuel Pump Inlet Screen Inspection (Engine 1) 24.000 Complied with 790005 Engine Oil Filter Inspection (Engine 1) 28.000 Complied with 790011 Engine Magnetic Chip Detector Bridge Inspection (Engine 1) </p> | | | | | | |
| <p> The above maintenance was performed in accordance with Piaggio, Pratt & Whitney, and Hartzell maintenance and component manuals. The Aircraft, Airframe, Engines, Propellers or Appliances stated above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved to return to service. Pertinent details are on file with Avantair, Inc.'s Quality Assurance Department. </p> | | | | | | |
| <p> Certificate Number: V2JR078L 4311 General Howard Drive Clearwater, FL 33762 Phone: 727-539-0071 Fax: 272-539-7007 </p> | | | | | | |
| <p> Signed:  _____ For Avantair, Inc. </p> | | | | | | |
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Section 1: Record of engine maintenance and elementary work

| Date --/--/-- | Time since new | Time since overhaul | Total cycles | Details of task | Signature | AME ACA/AMO SCA/AMO |
|------------------|----------------|---------------------|--------------|--|-----------|---------------------------|
| | | | | <p>  # 1 Engine Logbook WO: 1265-N182SL 06/24/2009 N182SL - Piaggio P-180, S/N 1130 Airframe Hours: 2456.9 Airframe Landings: 1856 # 1 Engine Hours: 2456.9 # 1 Engine Cycles/Lndgs: 1866 Pratt & Whitney PT6A-66 S/N PCERK-0208 </p> <p>Complied with the Following Items:</p> <p>8.000 #1 engine, complied with applicable portions of P&W periodic inspection guide (150HR). 8.001 Complied with 720007 P3 Air Filter Inspection (Engine 1) 8.002 Complied with 720011 Power Turbine Blade Inspection (Engine 1) 8.003 Complied with 790005 Engine Oil Filter Inspection (Engine 1) 8.004 Complied with 790009 Engine Magnetic Chip Detector Inspection (Engine 1)</p> <p>The above maintenance was performed in accordance with Piaggio, Pratt & Whitney, and Hartzell maintenance and component manuals. The Aircraft, Airframe, Engines, Propellers or Appliances stated above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved to return to service. Pertinent details are on file with Avantair, Inc.'s Quality Assurance Department.</p> <p>575 Aviation Dr. Camarillo, CA 93010 Phone: 805-383-1100 Fax: 805-383-2037</p> <p>Signed:  ATP 194585349 For Avantair, Inc.</p> | | |
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Section 1: Record of engine maintenance and elementary work

| Date --/--/-- | Time since new | Time since overhaul | Total cycles | Details of task | Signature | AME ACA/AMO SCA/AMO |
|---|-------------------|------------------------|--------------|--|-----------|---------------------------|
| <div style="display: flex; justify-content: space-between;"> <div style="text-align: center;">  </div> <div style="text-align: center;"> <p># 1 Engine Logbook</p> <p>N162SL - Piaggio P-180 (Avanti II), S/N 1130</p> </div> <div style="text-align: center;"> <p>WO: 1671-N162SL</p> <p>08/07/2009</p> </div> </div> | | | | | | |
| | | | | Airframe Hours: 2603.5 Airframe Landings: 1955 # 1 Engine Hours: 2603.5 # 1 Engine Cycles/Landings: 1965 Pratt & Whitney PT6A-66 S/N PCERK-0208 | | |
| <p>Complied with the Following Items:</p> <p>8.000 Complied with 720005 Comply with Applicable Portions P&W Periodic Inspect Guide (Engine 1)</p> <p>10.000 Complied with 720007 P3 Air Filter Inspection (Engine 1)</p> <p>12.000 Removed and Replaced P3 Air Filter (Engine 1) PN:P-1018 SN:NSN</p> <p>14.000 Complied with 720011 Power Turbine Blade Inspection (Engine 1)</p> <p>16.000 Complied with 790005 Engine Oil Filter Inspection (Engine 1)</p> <p>18.000 Complied with 790009 Engine Magnetic Chip Detector Inspection (Engine 1)</p> <p>26.001 Removed and Replaced Engine Heater-Oil to Fuel IAW P&W MM 73-10-01 PN OFF:3057249-01 SN OFF:WA28693 — PN ON:3057249-01 SN ON:WA21893</p> <p>31.001 Removed and Replaced Oil Filter Element PN ON: 3059258-01 SN:NSN</p> | | | | | | |
| <p>The above maintenance was performed in accordance with Piaggio, Pratt & Whitney, and Hartzell maintenance and component manuals. The Aircraft, Airframe, Engines, Propellers or Appliances stated above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved to return to service. Pertinent details are on file with Avantair, Inc.'s Quality Assurance Department.</p> | | | | | | |
| <p>Certificate Number: V2JR078L 4311 General Howard Drive Clearwater, FL 33762 Phone: 727-539-0071 Fax: 272-539-7007</p> | | | | | | |
| Signed: <u></u> | | | | For Avantair, Inc. | | |
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