

Shop Order: 21-3363
 Acct Number: N575BC

Opened: 1/19/2021
 Closed: 5/18/2021

Airport: Myrtle Beach Intl

Sold To: PJS LLC

North Myrtle Beach, SC 29582 United Stat

Aircraft Number:		N575BC		Type: PA-31P		S/N: 31P-7730004	
Total Time:		4,826.6		Hobbs Time: 541.3		Tach Time: LG Cycles:	
Eng#	Type	S/N	Time	Cycles	Prop Type	Prop S/N	Prop Time
1	TIGO-541-E1A	L-429-62	3,683.1		HC-C3YN-2ALUF	DG 15	4,826.6
2	TIGO-541-E1A	L-608-62	3,826.6		HC-C3YM-2ALUF	DG 41	4,826.6

Discrepancy: 1

Problem:

ANNUAL INSPECTION.

Action Taken:

COMPLIED WITH ANNUAL INSPECTION IN ACCORDANCE WITH PIPER MAINTENANCE MANUAL AND ANNUAL/100 HOUR CHECKLIST. REPLACED: HYDRAULIC FILTERS, INSTRUMENT FILTERS, FUEL CAPS SEALS, AND INDUCTION AIR FILTERS.

DERIC INGALLS A&P [REDACTED] IA [REDACTED]

Charges This Item:

34.07 Hours @ 95.00 \$ 3,236.65

Part Number	Description	Credit	Quantity	Units	Unit Price	Extended
751-872	GASKET		1.00	Each	10.400 \$	10.40
751-898	STAT-O-SEAL		2.00	Each	13.715 \$	27.43
757-255	O-RING		2.00	Each	10.556 \$	21.11
AA2J4-6	FILTER INSTRUMENT		2.00	Each	46.670 \$	93.34
	Freight		1.00		14.030 \$	14.03
AN6235-1A	FILTER HYDRAULIC		2.00	Each	9.360 \$	18.72
BA-3305	FILTER AIR		1.00	Each	25.038 \$	25.04
	Freight		1.00		10.000 \$	10.00
BA-3305	FILTER AIR		1.00	Each	25.038 \$	25.04
	Freight		1.00		10.600 \$	10.60
M25988-1-338	O-RING		4.00	Each	7.462 \$	29.85
MS28775-016	O-RING		2.00	Each	1.313 \$	2.63

Parts For This Discrepancy: \$ 288.19

Total For This Discrepancy: \$ 3,524.84

Discrepancy: 2

Problem:

LEFT ENGINE 100 HOUR INSPECTION.

Action Taken:

COMPLIED WITH LEFT ENGINE 100 HOUR INSPECTION. PERFORMED GROUND RUN, DRAINED ENGINE OIL, TOOK OIL SAMPLE. REMOVED OIL FILTER AND INSPECTED. NO METAL FOUND. INSTALLED NEW OIL FILTER PN: AA48103-2 AND ADDED 18 QTS OF AEROSHELL W100 PLUS ENGINE OIL. REMOVED, CLEANED, INSPECTED, GAPPED, ROTATED AND REINSTALLED ALL SPARK PLUGS USING NEW GASKETS. TIMED MAGNETOS TO ENGINE DATA TAG. ENGINE COMPRESSIONS: #1 74/80, #2 74/80, #3 74/80, #4 75/80, #5 70/80, #6 76/80. WASHED AND PERFORMED GROUND, OPS CHECK GOOD. NO LEAKS NOTED.

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Charges This Item:		8.00 Hours @		95.00	\$	760.00
Part Number	Description	Credit	Quantity	Units	Unit Price	Extended
AA48103-2	OIL FILTER		2.00	Each	25.376	\$ 50.75
OIL AEROSHELL W100 PLUS	W100 PLUS		36.00	Quart	8.478	\$ 305.14
U674	SPARK PLUG GASKET		1.00	Each	0.559	\$ 0.56
					Parts For This Discrepancy:	\$ 356.45
					Total For This Discrepancy:	\$ 1,116.45

Discrepancy: 3**Problem:**

RIGHT ENGINE 100 HOUR INSPECTION.

Action Taken:

COMPLIED WITH RIGHT ENGINE 100 HOUR INSPECTION. PERFORMED GROUND RUN, DRAINED ENGINE OIL, TOOK OIL SAMPLE. REMOVED OIL FILTER AND INSPECTED. NO METAL FOUND. INSTALLED NEW OIL FILTER PN: AA48103-2 AND ADDED 18 QTS OF AEROSHELL W100 PLUS ENGINE OIL. REMOVED, CLEANED, INSPECTED, GAPPED, ROTATED AND REINSTALLED ALL SPARK PLUGS USING NEW GASKETS. TIMED MAGNETOS TO ENGINE DATA TAG. ENGINE COMPRESSIONS: #1 70/80, #2 76/80, #3 74/80, #4 76/80, #5 72/80, #6 70/80. WASHED AND PERFORMED GROUND, OPS CHECK GOOD. NO LEAKS NOTED.

LARRY PHILLIPS A&P

Charges This Item:		8.00 Hours @		95.00	\$	760.00
Part Number	Description	Credit	Quantity	Units	Unit Price	Extended
OIL SAMPLE	OIL SAMPLE KIT BLACKSTONE		2.00	Each	36.400	\$ 72.80
U674	SPARK PLUG GASKET		24.00	Each	0.559	\$ 13.42
					Parts For This Discrepancy:	\$ 86.22
					Total For This Discrepancy:	\$ 846.22

Discrepancy: 4**Problem:**

LEFT PROPELLER 100 HOUR INSPECTION.

Action Taken:

COMPLIED WITH LEFT PROPELLER 100 HOUR INSPECTION. NO DEFECTS NOTED.

BRANDON CRISP A&P

Charges This Item:	1.00 Hours @	95.00	\$	95.00
	Total For This Discrepancy:			\$ 95.00

Discrepancy: 5**Problem:**

RIGHT PROPELLER 100 HOUR INSPECTION.

Action Taken:

COMPLIED WITH RIGHT PROPELLER 100 HOUR INSPECTION. NO DEFECTS NOTED.

LARRY PHILLIPS A&P

Charges This Item:	1.00 Hours @	95.00	\$	95.00
	Total For This Discrepancy:		\$	95.00

Discrepancy: 6**Problem:**

ELT ANNUAL INSPECTION.

Action Taken:

COMPLIED WITH ANNUAL ELT INSPECTION IN ACCORDANCE WITH FAR 91.207d. NO DEFECTS NOTED. REPLACED ELT

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BATTERY PN: E-04 . ELT BATTERY EXPIRATION DATE: 4-16-2026

LARRY PHILLIPS A&P [REDACTED]

Charges This Item:

1.00 Hours @ 95.00 \$ 95.00

Part Number	Description	Credit	Quantity	Units	Unit Price	Extended
E-04	ELT BATTERY PACK		1.00	Each	180.700	\$ 180.70
	Freight		1.00		136.150	\$ 136.15
Parts For This Discrepancy:						\$ 316.85
Total For This Discrepancy:						\$ 411.85

Discrepancy: 7**Problem:**

COMPLY WITH AD 2014-23-04 INSPECTION OF EXHAUST SYSTEM.

Action Taken:

COMPLIED WITH AD 2014-23-04 EXHAUST SYSTEM BY INSPECTION OF EXHAUST SYSTEMS. NO DEFECTS NOTED. NEXT DUE HOBBS: 641.3.

DERIC INGALLS A&P [REDACTED]

Charges This Item:

1.00 Hours @ 95.00 \$ 95.00

Total For This Discrepancy: \$ 95.00

Discrepancy: 8**Problem:**

COMPLY WITH AD 2009-13-06 REV.1 DATED NOV. 3 2011 NOSE BAGGAGE DOOR COMPONENT INSPECTION. (INSPECT AND LUBE)

Action Taken:

COMPLIED WITH AD 2009-13-06 REV.1 DATED NOV. 3 2011 NOSE BAGGAGE DOOR BY INSPECTION AND LUBRICATION. NO DEFECTS NOTED. NEXT DUE HOBBS: 641.3.

DAMIAN USRY A&P [REDACTED]

Charges This Item:

1.23 Hours @ 95.00 \$ 116.85

Total For This Discrepancy: \$ 116.85

Discrepancy: 9**Problem:**

COMPLY WITH AD 2003-24-07 RUDDER TUBE CORROSION.

Action Taken:

COMPLIED WITH AD 2003-24-07 RUDDER TUBE BY INSPECTION OF RUDDER TUBE PER PAR 1 AND 2 OF AD. NO DEFECTS NOTED AT THIS TIME. NEXT DUE MAY 2022.

JARED HOOD A&P [REDACTED]

Charges This Item:

1.12 Hours @ 95.00 \$ 106.40

Total For This Discrepancy: \$ 106.40

Discrepancy: 10**Problem:**

COMPLY WITH AD 2000-25-01 INSPECTION OF MLG INBOARD DOOR HINGE ASSEMBLIES.

Action Taken:

COMPLIED WITH AD 2000-25-01 BY INSPECTION OF MLG INBOARD DOOR HINGE ASSEMBLIES. NO DEFECTS NOTED. NEXT DUE HOBBS: 641.3.

DERIC INGALLS A&P [REDACTED]

Charges This Item:

0.68 Hours @ 95.00 \$ 64.60

Total For This Discrepancy: \$ 64.60

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Discrepancy: 11**Problem:**

COMPLY WITH AD 80-18-10 INSPECTION OF FUEL VALVE CONTROL WIRES.

Action Taken:

COMPLIED WITH AD 80-18-10 BY INSPECTION OF FUEL VALVE CONTROL WIRES. NO DEFECTS NOTED. NEXT DUE HOBBS: 641.3.

LARRY PHILLIPS A&P [REDACTED]

Charges This Item:

1.02 Hours @ 95.00 \$ 96.90

Total For This Discrepancy: \$ 96.90

Discrepancy: 12**Problem:**

COMPLY WITH AD 2004-21-05 HEATER INSPECTION.

Action Taken:

COMPLIED WITH AD 2004-21-05 HEATER BY HEATER DECAY TEST. HEATER TESTS WITHIN LIMITS AT THIS TIME. NEXT DUE HEATER HOBBS: 139.6 OR MAY 2023 WHICH EVER COMES FIRST.

BRANDON CRISP A&P [REDACTED]

Charges This Item:

2.88 Hours @ 95.00 \$ 273.60

Total For This Discrepancy: \$ 273.60

Discrepancy: 13**Problem:**

COMPLY WITH AD 82-27-13 REV. 3 AUG 18 1983 FLAP SYSTEM INSPECTION.

Action Taken:

COMPLIED WITH AD 82-27-13 REV. 3 AUG 18 1983 BY INSPECTION OF FLAP SYSTEM IN ACCORDANCE WITH PAR A 3 OF AD. NO DEFECTS NOTED AT THIS TIME. NEXT DUE HOBBS: 641.3.

DAMIAN USRY A&P [REDACTED]

Charges This Item:

1.71 Hours @ 95.00 \$ 162.45

Total For This Discrepancy: \$ 162.45

Discrepancy: 14**Problem:**

COMPLY WITH AD 2004-25-16 REV. 1 DATED JUNE 20 2005 INSPECTION OF FUEL REGULATOR SHUTOFF VALVE FO B-SERIES COMBUSTION HEATER.

Action Taken:

COMPLIED WITH AD 2004-25-16 REV. 1 DATED JUNE 20 2005 BY INSPECTION OF FUEL REGULATOR SHUTOFF VALVE FO B-SERIES COMBUSTION HEATER. NO LEAKS NOTED AT THIS TIME. NEXT DUE HOBBS: 641.3 OR MAY 2022.

BRADON CRISP A&P [REDACTED]

Charges This Item:

0.89 Hours @ 95.00 \$ 84.55

Total For This Discrepancy: \$ 84.55

Discrepancy: 15**Problem:**

ENGINE MONITOR INDICATING RPM 1000 HIGHER THAN ANALOG. ANALOG RPM ACCURATE.

Action Taken:

NO SOLUTION FROM STC HOLDER. NO FURTHER ACTION.

Total For This Discrepancy: \$ N/C

Discrepancy: 16**Problem:**

RIGHT ENGINE TIT ERRATIC.

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Action Taken:

FOUND RH ENGINE TIT PROBE TO BE SEVERELY WORN. REMOVED OLD PROBE AND REPLACED WITH NEW INSIGHT PROBE, PART NUMBER: 2870. OPERATIONAL CHECK GOOD. NO DEFECTS NOTED AT THIS TIME.

DAMIAN USRY A&P [REDACTED]

Charges This Item:

2.55 Hours @ 95.00 \$ 242.25

Part Number	Description	Credit	Quantity	Units	Unit Price	Extended
2870	PROBE EGT INSIGHT		1.00	Each	118.209	\$ 118.21
Parts For This Discrepancy:						\$ 118.21
Total For This Discrepancy:						\$ 360.46

Discrepancy: 17**Problem:**

CHECK PROPELLER HEAT, NO INDICATION ON PROP AMMETER.

Action Taken:

PERFORMED EXTENSIVE TROUBLESHOOTING OF PROP HEAT SYSTEM PER AMM INSTRUCTIONS. DETERMINED PROP HEAT TIMER TO HAVE INTERNAL FAULT. REMOVED TIMER AND REPLACED WITH NEW UNIT, PART NUMBER: 3E1150-10. REPAIRED DAMAGED PLUG ON PROP DE-ICE AMP METER. REPLACED LEFT AND RIGHT PROPELLER DE-ICE BRUSHES. OPERATIONAL CHECK GOOD ON BOTH ENGINES. NO DEFECTS NOTED AT THIS TIME.

DAMIAN USRY A&P 3795061 [REDACTED]

Charges This Item:

5.13 Hours @ 95.00 \$ 487.35

Part Number	Description	Credit	Quantity	Units	Unit Price	Extended
3E1150-10	DEICE TIMER		1.00	Each	1,105.000	\$ 1,105.00
	S/N: G11207					
	Core Charge		1.00	Each	100.000	\$ 100.00
	Freight		1.00		28.990	\$ 28.99
3E1443-1	BRUSH		3.00	Each	0.000	\$ N/C
3E1443-1	BRUSH		6.00	Each	98.280	\$ 589.68
	Freight		1.00		13.880	\$ 13.88
Parts For This Discrepancy:						\$ 1,837.55
Total For This Discrepancy:						\$ 2,324.90

Discrepancy: 18**Problem:**

RIGHT PROPELLER LOW PITCH STOP STRIPPED.

Action Taken:

REPLACED RIGHT PROPELLER PITCH STOP. OPS CHECK GOOD ON GROUND RUN.

LARRY PHILLIPS A&P [REDACTED]

Charges This Item:

0.89 Hours @ 95.00 \$ 84.55

Outside Parts: \$ 163.50

Total For This Discrepancy: \$ 248.05

Discrepancy: 19**Problem:**

PROP SYNC BOX BRACKET BROKEN ON RIGHT ENGINE.

Action Taken:

REPLACED BRACKET P/N 47985-000 FOR PROPELLER SYNC BOX ON RIGHT ENGINE.

LARRY PHILLIPS A&P [REDACTED]

Charges This Item:

1.67 Hours @ 95.00 \$ 158.65

Part Number	Description	Credit	Quantity	Units	Unit Price	Extended
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47985-000	BRACKET		1.00	Each	306.657	\$	306.66
	Freight		1.00		12.420	\$	12.42
Parts For This Discrepancy:							\$ 319.08
Total For This Discrepancy:							\$ 477.73

Discrepancy: 20**Problem:**

OXYGEN BOTTLE DUE HYDROSTATIC TEST, AND OXYGEN LINE AT BOTTLE FOUND TO HAVE A LEAK.

Action Taken:

OXYGEN BOTTLE REMOVED AND SENT OUT FOR HYDROSTATIC TESTING. BOTTLE REINSTALLED IN AIRCRAFT, AND REPLACEMENT OXYGEN LINE PN: 756-343 INSTALLED. SYSTEM SERVICED TO 1800 PSI. NO LEAKS NOTED AT THIS TIME.

JARED HOOD A&P [REDACTED]

Charges This Item:

3.70 Hours @ 95.00 \$ 351.50

Part Number		Description	Credit	Quantity	Units	Unit Price	Extended
48 CU FT		OXYGEN BOTTLE		1.00	Each	585.000	\$ 585.00
		Freight		1.00		15.760	\$ 15.76
756-343		OXYGEN FILLER LINE		1.00	Each	162.500	\$ 162.50
		Freight		1.00		18.420	\$ 18.42
			Parts For This Discrepancy:				\$ 781.68
			Total For This Discrepancy:				\$ 1,133.18

Discrepancy: 21**Problem:**

RH LANDING LIGHT LENS BROKEN AT MOST ATTACHING POINTS.

Action Taken:

REMOVED OLD LANDING LIGHT LENS AND CLEANED AREA OF DEBRIS. NEW LENS PART NUMBER: 66000-8 REQUIRED SIGNIFICANT TRIMMING TO FIT, THEN DRILLING AND COUNTERSINKING ALL HOLES. INSTALLED ON AIRCRAFT WITH NEW SCREWS AND WASHERS. NO DEFECTS NOTED AT THIS TIME.

DAMIAN USRY A&P [REDACTED]

Charges This Item:

1.50 Hours @ 95.00 \$ 142.50

Part Number	Description	Credit	Quantity	Units	Unit Price	Extended
66000-8	LENS, WINGLET, RH		1.00	Each	162.500	\$ 162.50
Parts For This Discrepancy:						\$ 162.50
Total For This Discrepancy:						\$ 305.00

Discrepancy: 22**Problem:**

TURBO TRANSITION EXHAUST PIPE CRACKED.

Action Taken:

REPLACED LEFT ENGINE TURBO TRANSITION PIPE PN: LW-1101. REPLACED GASKETS, V-BAND CLAMPS PN: LW-1209-5. COUPLINGS PN: LW-12093-6, LW12125-3 AND HARDWARE FROM TRANSITION PIPE AND TURBO. NO LEAKS NOTED ON GROUND RUN.

BRANDON CRISP A&P [REDACTED]

Charges This Item:

6.67 Hours @ 95.00 \$ 633.65

Part Number	Description	Credit	Quantity	Units	Unit Price	Extended
75845	GASKET GROOVED CLAMP COUPLING		2.00	Each	38.675	\$ 77.35
78083	GASKET EXHAUST		2.00	Each	77.077	\$ 154.15
AN960C-616	WASHER STAINLESS		8.00	Each	0.091	\$ 0.73
LW-11016	TRANSITION		1.00	Each	2,600.000	\$ 2,600.00
	Freight		1.00		76.000	\$ 76.00
LW-12093-5	LYC COUPLING V-BAND		1.00	Each	422.500	\$ 422.50

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LW-12093-5	LYC COUPLING V-BAND	1.00	Each	422.50	\$	422.50
	Freight	1.00		15.83	\$	15.63
LW12093-6	COUPLING	1.00	Each	370.48	\$	370.49
LW12125-3	COUPLING	1.00	Each	370.48	\$	370.49
	Freight	1.00		27.63	\$	27.63
MS20500-624	NUT LOCK SS	4.00	Each	36.75	\$	147.00
STD1932	BUSHING	2.00	Each	106.60	\$	213.20
	Freight	1.00		36.48	\$	36.48
STD1998	SCREW	4.00	Each	126.10	\$	504.40
	Freight	1.00		14.33	\$	14.33
Parts For This Discrepancy:					\$	5,452.88
Total For This Discrepancy:					\$	6,086.53

Discrepancy: 23**Problem:**

INTERIOR FOLDING TABLES MISSING ONE HINGE.

Action Taken:

FOUND HINGE IN AIRCRAFT, REINSTALLED INTO FOLDING TABLE USING NEW SCREWS. NOTE THAT TWO OTHER HINGES ARE DAMAGED BUT WILL STILL ALLOW TABLE TO FOLD.

DAMIAN USRY A&P [REDACTED]

Charges This Item:

1.03 Hours @ 95.00 \$ 97.85

Total For This Discrepancy: \$ 97.85

Discrepancy: 24**Problem:**

RIGHT ENGINE MOUNT FRAME HAS PAINT MISSING AND RUSTING.

Action Taken:

CLEANED ALL CORROSION AND OIL OFF OF RIGHT ENGINE MOUNT FRAME, PREPPED AND PAINTED IAW AMM.

BENJAMIN MINTZ A&P [REDACTED]

Charges This Item:

4.00 Hours @ 95.00 \$ 380.00

Total For This Discrepancy: \$ 380.00

Discrepancy: 25**Problem:**

LEFT ENGINE MOUNT FRAME HAS PAINT MISSING.

Action Taken:

CLEANED ALL CORROSION AND OIL OFF OF LEFT ENGINE MOUNT FRAME, PREPPED AND PAINTED IAW AMM.

BENJAMIN MINTZ A&P [REDACTED]

Charges This Item:

4.00 Hours @ 95.00 \$ 380.00

Total For This Discrepancy: \$ 380.00

Discrepancy: 26**Problem:**

RIGHT ENGINE HAS SEVERAL ROTTED ADEL CLAMPS.

Action Taken:

REPLACED MULTIPLE ADEL CLAMPS ON RIGHT ENGINE.

LARRY PHILLIPS A&P [REDACTED]

Charges This Item:

1.14 Hours @ 95.00 \$ 108.30

Total For This Discrepancy: \$ 108.30

Discrepancy: 27

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Problem:

RIGHT ENGINE BAFFLING BROKEN ABOVE # 2 CYLINDER..

Action Taken:

REPAIRED RIGHT ENGINE BAFFLING BY #2 CYLINDER.

LARRY PHILLIPS A&P [REDACTED]

Charges This Item:

3.61 Hours @ 95.00 \$ 342.95

Total For This Discrepancy: \$ 342.95

Discrepancy: 28**Problem:**

REAR RH SEAT MISSING CENTER HANDLE TO DISENGAGE SEAT TRACK LOCKS.

Action Taken:

REMOVED BROKEN SEAT HANDLE AND REPLACED WITH NEW HANDLE PN: 45255-000. OPERATIONAL CHECK GOOD, NO DEFECTS NOTED AT THIS TIME.

DAMIAN USRY A&P [REDACTED]

Charges This Item:

1.00 Hours @ 95.00 \$ 95.00

Part Number	Description	Credit	Quantity	Units	Unit Price	Extended
45255-000	SEAT HANDLE		1.00	Each	45.500	\$ 45.50
Parts For This Discrepancy:						\$ 45.50
Total For This Discrepancy:						\$ 140.50

Discrepancy: 29**Problem:**

LH ENGINE BOTH LOWER MOUNT CASTINGS HAVE CHAFE DAMAGE.

Action Taken:

REPLACED LH LOWER MOUNT BRACKET PN: 77663 AND RH LOWER MOUNT BRACKET PN: 77664 ON LEFT ENGINE. INSTALLED NEW PARTS USING NEW HARDWARE AND TORQUED BOLTS IAW AMM.

DAMIAN USRY A&P [REDACTED]

Charges This Item:

4.57 Hours @ 95.00 \$ 434.15

Part Number	Description	Credit	Quantity	Units	Unit Price	Extended
77663	BRACKET		2.00	Each	247.455	\$ 494.91
	Freight		1.00		13.150	\$ 13.15
Parts For This Discrepancy:						\$ 508.06
Total For This Discrepancy:						\$ 942.21

Discrepancy: 30**Problem:**

RH ENGINE BOTH LOWER MOUNT CASTINGS HAVE CHAFE DAMAGE.

Action Taken:

REPLACED LH LOWER MOUNT BRACKET PN: 77663 AND RH LOWER MOUNT BRACKET PN: 77664 ON RIGHT ENGINE. INSTALLED NEW PARTS USING NEW HARDWARE AND TORQUED BOLTS IAW AMM.

DAMIAN USRY A&P [REDACTED]

Charges This Item:

4.89 Hours @ 95.00 \$ 464.55

Part Number	Description	Credit	Quantity	Units	Unit Price	Extended
77664	BRACKET LH ENGINE MOUNT LOWER		1.00	Each	325.000	\$ 325.00
77664	BRACKET LH ENGINE MOUNT LOWER		1.00	Each	325.000	\$ 325.00
	Freight		1.00		26.000	\$ 26.00
Parts For This Discrepancy:						\$ 676.00
Total For This Discrepancy:						\$ 1,140.55

Discrepancy: 31

Problem:

RH WINDSHIELD POSSIBLE DELAMINATION.

Action Taken:

INSPECTED WINDSHIELD IN ACCORDANCE WITH PIPER PA-31P MAINTENANCE MANUAL, DELAMINATION IN NON CRITICAL AREA AND WITHIN LIMITS. NO FURTHER ACTION.

DERIC INGALLS A&P

Charges This Item:

0.25 Hours @ 95.00 \$ 23.75

Total For This Discrepancy: \$ 23.75

Discrepancy: 32

Problem:

LORD MOUNTS ON BOTH ENGINES SAGGING.

Action Taken:

REPLACED ALL LORD SHOCK MOUNTS ON BOTH ENGINES WITH NEW MOUNTS PN: J-9613-29. INSTALLED WITH ALL NEW BOLTS AND LOCK NUTS, TORQUED BOLTS IAW AMM.

DAMIAN USRY A&P

Charges This Item:

2.50 Hours @ 95.00 \$ 237.50

Part Number	Description	Credit	Quantity	Units	Unit Price	Extended
J-9613-29	ENGINE MOUNT LORD		4.00	Each	205.452	\$ 821.81
J-9613-29	ENGINE MOUNT LORD		4.00	Each	205.452	\$ 821.81
Parts For This Discrepancy:						\$ 1,643.62
Total For This Discrepancy:						\$ 1,881.12

Discrepancy: 33

Problem:

LEFT ENGINE LH MAGNETO CASE DAMAGED.

Action Taken:

REMOVED LH MAGNETO FROM LH ENGINE. INSTALLED OVERHAULED MAGNETO PN: 10-349290-2 SN: G04077 WITH NEW CUSHIONS IAW AIRCRAFT MAINTENANCE MANUAL. TIMED MAGNETO TO ENGINE PER AMM. OPERATIONAL CHECK GOOD ON TEST RUN. NO DEFECTS NOTED AT THIS TIME.

DAMIAN USRY A&P

Charges This Item:

1.63 Hours @ 95.00 \$ 154.85

Part Number	Description	Credit	Quantity	Units	Unit Price	Extended
10-349290-2	MAGNETO		1.00	Each	1,040.000	\$ 1,040.00
	S/N: G04077					
	Core Charge		1.00	Each	300.000	\$ 300.00
	Freight		1.00		35.730	\$ 35.73
LW-12136	MAG CUSHION		2.00	Each	62.920	\$ 125.84
Parts For This Discrepancy:						\$ 1,501.57
Total For This Discrepancy:						\$ 1,656.42

Discrepancy: 34

Problem:

LEFT ENGINE INTERCOOLER PIPE HAS A HOLE IN IT AND RUBBER BOOTS TORN.

Action Taken:

REMOVED LEFT ENGINE INTERCOOLER DUCT AND SENT OUT FOR REPAIR. REPAIRED DUCT PN: 89-10005-504R REINSTALLED ON AIRCRAFT WITH NEW RUBBER BOOTS PN: 98-10002-004. OPS CHECK GOOD ON GROUND RUN, NO LEAKS NOTED.

BRANDON CRISP A&P

Charges This Item:		2.55 Hours @		95.00	\$	242.25
Part Number	Description	Credit	Quantity	Units	Unit Price	Extended
89-10005-504R	INDUCTION TUBE ASSY REPAIR		1.00	Each	556.296	\$ 556.30
	Freight		1.00		80.140	\$ 80.14
98-10002-004	DUCT, STR, FLEX 3.0" DIA		2.00	Each	464.100	\$ 928.20
					Parts For This Discrepancy:	\$ 1,564.64
					Total For This Discrepancy:	\$ 1,806.89

Discrepancy: 35

Problem:

ANALOG TACHOMETER GAUGE ERRATIC ON LH ENGINE.

Action Taken:

REMOVED CANNON PLUGS ON TACH GENERATOR AND TACHOMETER, CLEANED ALL CONNECTIONS AND REINSTALLED PLUGS. OPERATIONAL CHECK GOOD ON TEST RUN. NO DEFECTS NOTED AT THIS TIME.

DAMIAN USRY A&P [REDACTED]

Charges This Item:

0.25 Hours @

95.00

\$

23.75

Total For This Discrepancy:

\$

23.75

Discrepancy: 36

Problem:

HYDRAULIC RESERVOIR LEAKING.

Action Taken:

REPLACED HYDRAULIC FLUID RESERVOIR SEAL. NO LEAKS NOTED DURING GEAR RETRACTIONS.

JARED HOOD A&P [REDACTED]

Charges This Item:

2.00 Hours @

95.00

\$

190.00

Part Number	Description	Credit	Quantity	Units	Unit Price	Extended
06E19769-1-50	GASKET		2.00	Each	41.990	\$ 83.98
	Freight		1.00		10.990	\$ 10.99
					Parts For This Discrepancy:	\$ 94.97
					Total For This Discrepancy:	\$ 284.97

Discrepancy: 37

Problem:

NOSE CONE LOCK HANDLE BROKEN.

Action Taken:

REMOVED NOSE CONE BROKEN HANDLE AND INSTALLED NEW HANDLE P/N 48901-002 AND NEW PIN. OPS CHECK GOOD.

LARRY PHILLIPS A&P [REDACTED]

Charges This Item:

2.94 Hours @

95.00

\$

279.30

Part Number	Description	Credit	Quantity	Units	Unit Price	Extended
48901-002	HANDLE		1.00	Each	127.920	\$ 127.92
	Freight		1.00		10.230	\$ 10.23
					Parts For This Discrepancy:	\$ 138.15
					Total For This Discrepancy:	\$ 417.45

Discrepancy: 38

Problem:

PRIMARY AND SECONDARY FLIGHT CONTROLS PAINT MISSING AND CORRODED.

Action Taken:

REMOVED, STRIPPED, TREATED, PREPPED, AND PAINTED PRIMARY AND SECONDARY FLIGHT CONTROLS. INSTALLED FLAPS USING ALL NEW HARDWARE. BALANCED PRIMARY FLIGHT CONTROLS IN ACCORDANCE WITH PIPER

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Myrtle Beach, SC 29577
Phone: (843) 481-4364 Fax: (843) 828-0307

MAINTENANCE MANUAL. INSTALLED PRIMARY FLIGHT CONTROLS USING ALL NEW HARDWARE AND BUSHINGS.
REPLACED ALL STATIC WICKS. OPS CHECK GOOD.

DAMIAN USRY A&P

Charges This Item:

6.00 Hours @ 95.00 \$ 570.00

Paint Labor And Materials: \$ 6,000.00

Part Number	Description	Credit	Quantity	Units	Unit Price	Extended
408-840	WASHER		8.00	Each	1.300	\$ 10.40
408-840	WASHER		7.00	Each	1.300	\$ 9.10
41413-005	BUSHING		12.00	Each	45.617	\$ 547.40
452-334	BEARING		1.00	Each	23.972	\$ 23.97
453-818	BUSHING		2.00	Each	13.949	\$ 27.90
494-281	WASHER		16.00	Each	10.764	\$ 172.22
49999-022	BUSHING		4.00	Each	65.403	\$ 261.61
80122-020	WASHER		2.00	Each	17.160	\$ 34.32
	Freight		1.00		29.220	\$ 29.22
81342-009	WASHER		2.00	Each	1.300	\$ 2.60
86102-104	BUSHING		4.00	Each	30.290	\$ 121.16
86102-105	BUSHING		3.00	Each	29.523	\$ 88.57
	Freight		1.00		6.830	\$ 6.83
86102-105	BUSHING		1.00	Each	29.523	\$ 29.52
86102-106	BUSHING		2.00	Each	33.709	\$ 67.42
86102-106	BUSHING		2.00	Each	33.709	\$ 67.42
SW10-96	STATIC WICK DISCHARGER		1.00	Each	52.052	\$ 52.05
SW10-96	STATIC WICK DISCHARGER		1.00	Each	52.052	\$ 52.05
SW10-96	STATIC WICK DISCHARGER		1.00	Each	52.052	\$ 52.05

Parts For This Discrepancy: \$ 1,655.81

Total For This Discrepancy: \$ 8,225.81

Discrepancy: 39**Problem:**

FUSEALGE HAS MULTIPLE AREAS WITH MISSING PAINT AND CORROSION.

Action Taken:

REMOVED MINOR CORROSION FROM AREAS ON FUSEALGE, TREATED, PRIMED AND PAINTED TO MATCH EXISTING PAINT SCHEME.

MARTIN BOYD A&P

Charges This Item:

Paint Labor And Materials: \$ 2,300.00

Total For This Discrepancy: \$ 2,300.00

Discrepancy: 40**Problem:**

LEFT AND RIGHT WINGS HAVE PAINT MISSING AND MINOR SURFACE CORROSION.

Action Taken:

REMOVED MINOR SURFACE CORROSION FROM LEFT AND RIGHT WINGS. TREATED, PRIMED AND PAINTED BOTH WINGS TO MATCH EXISTING PAINT SCHEME. INSTALLED NEW FUEL PLACARDS.

ANDY McCORMACK

Charges This Item:

Flat-Fee Labor: \$ 3,100.00

Part Number	Description	Credit	Quantity	Units	Unit Price	Extended
AVGAS PLACARD	PLACARD 100/100LL		4.00	Each	7.800	\$ 31.20
	Freight		1.00		13.650	\$ 13.65

Parts For This Discrepancy: \$ 44.85

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Total For This Discrepancy: \$ 3,144.85

Discrepancy: 41

Problem:

LEFT WING TIP LIGHT LENS CRACKED.

Action Taken:

REPLACED LEFT WING TIP LIGHT LENS PN: W-2575-LH.

DAMIAN USRY A&P [REDACTED]

Charges This Item:

2.13 Hours @ 95.00 \$ 202.35

Part Number	Description	Credit	Quantity	Units	Unit Price	Extended
W-2575-LH	WING TIP LENS		1.00	Each	326.690	\$ 326.69
	Freight		1.00		18.340	\$ 18.34
Parts For This Discrepancy:						\$ 345.03
Total For This Discrepancy:						\$ 547.38

Discrepancy: 42

Problem:

TAIL NAV LIGHT INOP.

Action Taken:

REPLACED BULB PN: A50828 FOR TAIL NAV LIGHT. OPS CHECK GOOD.

DAMIAN USRY A&P [REDACTED]

Charges This Item:

0.25 Hours @ 95.00 \$ 23.75

Part Number	Description	Credit	Quantity	Units	Unit Price	Extended
A50828	BULB 28V		1.00	Each	30.875	\$ 30.88
Parts For This Discrepancy:						\$ 30.88
Total For This Discrepancy:						\$ 54.63

Miscellaneous Charges:

Horry County Airport: \$ 1,189.64

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THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER, OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT EXECUTIVE HELIJET, LLC.

ORDER NO. 21-3363 DATE: 5/18/2021
SIGNED: [REDACTED] A&P# [REDACTED] 1A
PRINTED: DEAN SWANSON
PRELIMINARY INSPECTION: [REDACTED]
HIDDEN DAMAGE: nh

Interest of 1.50% Monthly (18.00% Annually) will be added on balances outstanding past 30 days.

An express mechanic's lien is hereby acknowledged on this aircraft to secure the amount of repairs thereto. Executive HeliJet Aviation (EHA) will not be held responsible for loss or damage to the aircraft or articles left in case of fire, theft, or any other cause beyond your control. If it becomes necessary for EHA to employ a collection agency and/or an attorney to collect this account, I agree to pay all court cost plus a reasonable attorney's fee and/or collection agency fee. I agree that should the account not be paid in 30 days; interest will accrue at the annual rate of 18%. I also understand that if I plan to charge the work to be done, Executive HeliJet requires a credit card number on file. If the bill is not paid within 45 days, I authorize Executive HeliJet to charge the card the amount due. Executive HeliJet reserves the right to require secure payment in the form of a certified check, bank wire or cash for any invoice over \$3,000.00. Further, I agree that after the 7th day of project completion and non-payment, I will incur a charge of \$35.00 per day in storage fees.

Executive HeliJet
Myrtle Beach International Airport
3301 Mustang Street
Myrtle Beach, SC 29577



Date: 5/19/2021; Aircraft: N575BC; Type: PA-31P; S/N: 31P-7730004; Hobbs: 541.30; Total Time: 4826.60; Work performed on Engine # 2; Engine 2, Type: TIGO-541-E1A, S/N: L-608-62, Time: 3826.60, SMOH: 1190.20

COMPLIED WITH RIGHT ENGINE 100 HOUR INSPECTION. PERFORMED GROUND RUN, DRAINED ENGINE OIL, TOOK OIL SAMPLE. REMOVED OIL FILTER AND INSPECTED. NO METAL FOUND. INSTALLED NEW OIL FILTER PN: AA48103-2 AND ADDED 18 QTS OF AEROSHELL W100 PLUS ENGINE OIL. REMOVED, CLEANED, INSPECTED, GAPPED, ROTATED AND REINSTALLED ALL SPARK PLUGS USING NEW GASKETS. TIMED MAGNETOS TO ENGINE DATA TAG. ENGINE COMPRESSIONS: #1 70/80, #2 76/80, #3 74/80, #4 76/80, #5 72/80, #6 70/80. COMPLIED WITH AD 2014-23-04 EXHAUST SYSTEM BY INSPECTION OF EXHAUST SYSTEMS. NO DEFECTS NOTED. NEXT DUE HOBBS: 641.3. FOUND RH ENGINE TIT PROBE TO BE SEVERELY WORN. REMOVED OLD PROBE AND REPLACED WITH NEW INSIGHT PROBE, PART NUMBER: 2870. CLEANED ALL CORROSION AND OIL OFF OF RIGHT ENGINE MOUNT FRAME, PREPPED AND PAINTED IAW AMM. REPLACED MULTIPLE ADEL CLAMPS ON RIGHT ENGINE. REPAIRED RIGHT ENGINE BAFFLING BY #2 CYLINDER. REPLACED LH LOWER MOUNT BRACKET PN: 77663 AND RH LOWER MOUNT BRACKET PN: 77664 ON RIGHT ENGINE. INSTALLED NEW PARTS USING NEW HARDWARE AND TORQUED BOLTS IAW AMM. REPLACED ALL LORD SHOCK MOUNTS ON BOTH ENGINES WITH NEW MOUNTS PN: J-0613-29. INSTALLED WITH ALL NEW BOLTS AND LOCK NUTS, TORQUED BOLTS IAW AMM. WASHED AND PERFORMED GROUND, OPS CHECK GOOD. NO LEAKS NOTED.
I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND IS DETERMINED TO BE IN AIRWORTHY CONDITION. AIRCRAFT APPROVED FOR RETURN TO SERVICE.

Signature: [Redacted]
Cert: [Redacted] LA

Executive HeliJet
Myrtle Beach International Airport
3301 Mustang Street
Myrtle Beach, SC 29577



Date: 5/19/2021; Aircraft: N575BC; Type: PA-31P; S/N: 31P-7730004; Hobbs: 541.30; Total Time: 4826.60; Prop 1 Type: HC-C3YN-2ALUF, S/N: DG 15, Time: 4826.60, SMOH: 558.40

I CERTIFY THAT THIS PROPELLER HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND IS DETERMINED TO BE IN AIRWORTHY CONDITION. AIRCRAFT APPROVED FOR RETURN TO SERVICE.

Signature: [Redacted]
Cert: [Redacted] LA

Executive HeliJet
Myrtle Beach International Airport
3301 Mustang Street
Myrtle Beach, SC 29577



Date: 5/19/2021; Aircraft: N575BC; Type: PA-31P; S/N: 31P-7730004; Hobbs: 541.30; Total Time: 4826.60; Prop 2, Type: HC-C3YM-2ALUF, S/N: DG 41, Time: 4826.60, SMOH: 558.40

I CERTIFY THAT THIS PROPELLER HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND IS DETERMINED TO BE IN AIRWORTHY CONDITION. AIRCRAFT APPROVED FOR RETURN TO SERVICE.

Signature: [Redacted]
Cert: [Redacted] LA

Executive Helijet
Myrtle Beach International Airport
3301 Mustang Street
Myrtle Beach, SC 29577



DATE:

Date: 5/19/2021; Aircraft: N575BC; Type: PA-31P; S/N: 31P-7730004; Hobbs: 541.30; Total Time: 4826.60

COMPLIED WITH ANNUAL INSPECTION IN ACCORDANCE WITH PIPER MAINTENANCE MANUAL AND ANNUAL/100 HOUR CHECKLIST. REPLACED: HYDRAULIC FILTERS, INSTRUMENT FILTERS, FUEL CAPS SEALS, AND INDUCTION AIR FILTERS. COMPLIED WITH ANNUAL ELT INSPECTION IN ACCORDANCE WITH FAR 91.207d. NO DEFECTS NOTED. REPLACED ELT BATTERY PN: E-04. ELT BATTERY EXPIRATION DATE: APRIL 2026. COMPLIED WITH AD 2014-23-04 EXHAUST SYSTEM BY INSPECTION OF EXHAUST SYSTEMS. NO DEFECTS NOTED. NEXT DUE HOBBS: 641.3. COMPLIED WITH AD 2009-13-06 REV.1 DATED NOV. 3 2011 NOSE BAGGAGE DOOR BY INSPECTION AND LUBRICATION. NO DEFECTS NOTED. NEXT DUE HOBBS: 641.3. COMPLIED WITH AD 2003-24-07 RUDDER TUBE BY INSPECTION OF RUDDER TUBE PER PAR 1 AND 2 OF AD. NO DEFECTS NOTED AT THIS TIME. NEXT DUE MAY 2022. COMPLIED WITH AD 2000-25-01 BY INSPECTION OF MUG INBOARD DOOR HINGE ASSEMBLIES. NO DEFECTS NOTED. NEXT DUE HOBBS: 641.3. COMPLIED WITH AD 80-18-10 BY INSPECTION OF FUEL VALVE CONTROL WIRES. NO DEFECTS NOTED. NEXT DUE HOBBS: 641.3. COMPLIED WITH AD 2004-21-05 HEATER BY HEATER DECAY TEST. HEATER TESTS WITHIN LIMITS AT THIS TIME. NEXT DUE HEATER HOBBS: 139.6 OR MAY 2023 WHICH EVER COMES FIRST. COMPLIED WITH AD 82-27-13 REV. 3 AUG 18 1983 BY INSPECTION OF FLAP SYSTEM IN ACCORDANCE WITH PAR A 3 OF AD. NO DEFECTS NOTED AT THIS TIME. NEXT DUE HOBBS: 641.3. COMPLIED WITH AD 2004-25-16 REV. 1 DATED JUNE 20 2005 BY INSPECTION OF FUEL REGULATOR SHUTOFF VALVE FO B-SERIES COMBUSTION HEATER. NO LEAKS NOTED AT THIS TIME. NEXT DUE HOBBS: 641.3 OR MAY 2022. FOUND RH ENGINE TIT PROBE TO BE SEVERELY WORN. REMOVED OLD PROBE AND REPLACED WITH NEW INSIGHT PROBE, PART NUMBER: 2870. REMOVED PROPELLER DE-ICE TIMER AND REPLACED WITH NEW UNIT, PART NUMBER: 3E1150-10. REPAIRED DAMAGED PLUG ON PROP DE-ICE AMP METER. REPLACED LEFT AND RIGHT PROPELLER DE-ICE BRUSHES. REPLACED RIGHT PROPELLER PITCH STOP. REPLACED BRACKET P/N 47985-000 FOR PROPELLER SYNC BOX ON RIGHT ENGINE. OXYGEN BOTTLE REMOVED AND SENT OUT FOR HYDROSTATIC TESTING. BOTTLE REINSTALLED IN AIRCRAFT, AND REPLACEMENT OXYGEN LINE PN: 756-343 INSTALLED. SYSTEM SERVICED TO 1800 PSI. NO LEAKS NOTED AT THIS TIME. INSTALLED NEW LANDING LIGHT LENS PART NUMBER: 66000-8 REQUIRED SIGNIFICANT TRIMMING TO FIT, THEN DRILLING AND COUNTERSINKING ALL HOLES. INSTALLED ON AIRCRAFT WITH NEW SCREWS AND WASHERS. REPLACED LEFT ENGINE TURBO TRANSITION PIPE PN: LW-1101. REPLACED GASKETS, V-BAND CLAMPS PN: LW-1209-5, COUPLINGS PN: LW-1209-5, LW12125-3 AND HARDWARE FROM TRANSITION PIPE AND TURBO. NO LEAKS NOTED ON GROUND RUN. FOUND HINGE IN AIRCRAFT, REINSTALLED INTO FOLDING TABLE USING NEW SCREWS. CLEANED ALL CORROSION AND OIL OFF OF THE LEFT AND RIGHT ENGINE MOUNT FRAME, PREPPED AND PAINTED IAW AMM. REPLACED MULTIPLE ADEL CLAMPS ON RIGHT ENGINE. REPAIRED RIGHT ENGINE BAFFLING BY #2 CYLINDER. REMOVED BROKEN SEAT HANDLE AND REPLACED WITH NEW HANDLE PN: 45255-000. REPLACED LH LOWER MOUNT BRACKET PN: 77663 AND RH LOWER MOUNT BRACKET PN: 77664 ON THE LEFT AND RIGHT ENGINE. INSTALLED NEW PARTS USING NEW HARDWARE AND TORQUED BOLTS IAW AMM. INSPECTED WINDSHIELD IN ACCORDANCE WITH PIPER PA-31P MAINTENANCE MANUAL, DELAMINATION IN NON CRITICAL AREA AND WITHIN LIMITS. NO FURTHER ACTION. REPLACED ALL LORD SHOCK MOUNTS ON BOTH ENGINES WITH NEW MOUNTS PN: J-9613-29. INSTALLED WITH ALL NEW BOLTS AND LOCK NUTS, TORQUED BOLTS IAW AMM. INSTALLED OVERHAULED LEFT MAGNETO PN: 10-349290-2 SN: G04077 WITH NEW CUSHIONS ON LEFT ENGINE IAW AIRCRAFT MAINTENANCE MANUAL. TIMED MAGNETO TO ENGINE PER AMM. REMOVED LEFT ENGINE INTERCOOLER DUCT AND SENT OUT FOR REPAIR. REPAIRED DUCT PN: 89-10005-504R REINSTALLED ON AIRCRAFT WITH NEW RUBBER BOOTS PN: 98-10002-004. REMOVED CANNON PLUGS ON TACH GENERATOR AND TACHOMETER. CLEANED ALL CONNECTIONS AND REINSTALLED PLUGS ON LEFT ENGINE. REPLACED HYDRAULIC FLUID RESERVOIR SEALS. NO LEAKS NOTED DURING GEAR RETRACTIONS. REMOVED NOSE CONE BROKEN HANDLE AND INSTALLED NEW HANDLE P/N 48901-002 AND NEW PIN. REMOVED, STRIPPED, TREATED, PREPPED, AND PAINTED PRIMARY AND SECONDARY FLIGHT CONTROLS. INSTALLED FLAPS USING ALL NEW HARDWARE. BALANCED PRIMARY FLIGHT CONTROLS IN ACCORDANCE WITH PIPER MAINTENANCE MANUAL. INSTALLED PRIMARY FLIGHT CONTROLS USING ALL NEW HARDWARE AND BUSHINGS. REPLACED ALL STATIC WICKS. REMOVED MINOR CORROSION FROM AREAS ON FUSELAGE. TREATED, PRIMED AND PAINTED TO MATCH EXISTING PAINT SCHEME. REMOVED MINOR SURFACE CORROSION FROM LEFT AND RIGHT WINGS. TREATED, PRIMED AND PAINTED BOTH WINGS TO MATCH EXISTING PAINT SCHEME. INSTALLED NEW FUEL PLACARDS. REPLACED LEFT WING TIP LIGHT LENS PN: W-2575-LH.

I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND IS DETERMINED TO BE IN AIRWORTHY CONDITION. AIRCRAFT APPROVED FOR RETURN TO SERVICE.

Signature: [Signature]
Cert#: [Signature] IA

Executive Helijet
Myrtle Beach International Airport
3301 Mustang Street
Myrtle Beach, SC 29577



Date: 5/19/2021; Aircraft: N575BC; Type: PA-31P; S/N: 31P-7730004; Hobbs: 541.30; Total Time: 4826.60; Work performed on Engine # 1; Engine 1 Type: TIGO-541-E1A, S/N: L-429-62, Time: 3583.10, SMOH: 840.20

COMPLIED WITH LEFT ENGINE 100 HOUR INSPECTION. PERFORMED GROUND RUN, DRAINED ENGINE OIL, TOOK OIL SAMPLE. REMOVED OIL FILTER AND INSPECTED. NO METAL FOUND. INSTALLED NEW OIL FILTER PN: AA48103-2 AND ADDED 18 QTS OF AEROSHELL W100 PLUS ENGINE OIL. REMOVED, CLEANED, INSPECTED, GAPPED, ROTATED AND REINSTALLED ALL SPARK PLUGS USING NEW GASKETS. TIMED MAGNETOS TO ENGINE DATA TAG. ENGINE COMPRESSIONS: #1 74/80, #2 74/80, #3 74/80, #4 75/80, #5 70/80, #6 75/80. COMPLIED WITH AD 2014-23-04 EXHAUST SYSTEM BY INSPECTION OF EXHAUST SYSTEMS. NO DEFECTS NOTED. NEXT DUE HOBBS: 641.3. REPLACED LEFT ENGINE TURBO TRANSITION PIPE PN: LW-1101. REPLACED GASKETS, V-BAND CLAMPS PN: LW-1209-5, COUPLINGS PN: LW-1209-5, LW12125-3 AND HARDWARE FROM TRANSITION PIPE AND TURBO. CLEANED ALL CORROSION AND OIL OFF OF LEFT ENGINE MOUNT FRAME, PREPPED AND PAINTED IAW AMM. REPLACED LH LOWER MOUNT BRACKET PN: 77663 AND RH LOWER MOUNT BRACKET PN: 77664 ON LEFT ENGINE. INSTALLED NEW PARTS USING NEW HARDWARE AND TORQUED BOLTS IAW AMM. REPLACED ALL LORD SHOCK MOUNTS ON BOTH ENGINES WITH NEW MOUNTS PN: J-9613-29. INSTALLED WITH ALL NEW BOLTS AND LOCK NUTS. TORQUED BOLTS IAW AMM. REMOVED LH MAGNETO FROM LH ENGINE. INSTALLED OVERHAULED MAGNETO PN: 10-349290-2 SN: G04077 WITH NEW CUSHIONS IAW AIRCRAFT MAINTENANCE MANUAL. TIMED MAGNETO TO ENGINE PER AMM. REMOVED LEFT ENGINE INTERCOOLER DUCT AND SENT OUT FOR REPAIR. REPAIRED DUCT PN: 89-10005-504R REINSTALLED ON AIRCRAFT WITH NEW RUBBER BOOTS PN: 98-10002-004. REMOVED CANNON PLUGS ON TACH GENERATOR AND TACHOMETER. CLEANED ALL CONNECTIONS AND REINSTALLED PLUGS ON LEFT ENGINE. WASHED AND PERFORMED GROUND, OPS CHECK GOOD. NO LEAKS NOTED.

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND IS DETERMINED TO BE IN AIRWORTHY CONDITION. AIRCRAFT APPROVED FOR RETURN TO SERVICE.

Signature: [Signature]
Cert#: [Signature] IA

W.O.#

MAKE/MODEL PA-319

NAME _____
W.O.# 21-3363

SER NO. 31P-7730004 N# 1575BC

CUSTOMER
TACH/HOBBS

AIRCRAFT T.T. 4,826.6

ANNUAL DATE 5/19/2001

PRE-INSPECTION

1. Airworthiness Directives
2. Manufacturer's Bulletins
3. Inspection Aids
4. Aircraft Cleaned
5. Aircraft Conforms to Specs
6. Squawks
7. Altimeter/Static Data
8. Documents
 - a. Registration & Airworthiness Certificate
 - b. Radio Station License
 - c. WT & Bal & Equip List
9. Perform 100 Hour Avionics Inspection
10. Electrical Equipment Checked
11. Open Up Aircraft

A. WINGS

1. Spar Attachments.....
2. Strut Attachments.....
3. Skin & Structure.....
4. Pitot Tube & Plumbing.....
5. Stall Warning Security & Operation.....
6. Landing Light Security.....
7. Fuel Vents.....
8. Fuel Caps & Placards.....
9. Drain Tank Sumps.....
10. Check For Fuel Leaks.....
11. Electrical Wiring.....
12. Tips & Nav Lights- Security.....
13. Access Doors and Panels.....
14. Anti-Icer, Alcohol Tank.....
15. Inspect Fuel Quantity Transmitter.....
16. Inspect Auxiliary Fuel Pump and Fuel Lines.....
17. Inspect Fuel Tip Tank.....
18. Inspect Fuel Boost Pump (Aux).....
19. Inspect Main Tank Fuel Transfer Pump.....
20. Ailerons:
 - a. Cables, Pulleys, Turnbuckles Insp & Lub....
 - b. Travel & Operation.....
 - c. Bell cranks & Push rods, Inspected & Lube
 - d. Balance Weights.....
 - e. Hinges & Attachments, Inspected & Lubricated.....
 - f. Skin & Structure.....
 - g. Insp. Aileron, Trim Tab.....
21. Flaps
 - a. Cables, Pulley, Turnbuckles Insp. & Lub.....
 - b. Bell cranks * Push rods.....
 - c. Travel & Operation.....
 - d. Bearings & Tracks, Inspected & Lubricated..
 - e. Skin & Structure.....
 - f. Motor & Drive Lub. If Necessary.....
 - g. Inspect. Flap Limit Switch

B. EMPENAGE

1. Elev. Hinges & Bearings, Inspected & Lubricated.....
2. Elev. Travel & Operation.....
3. Elev. Cables & Bell-Crank Lubricated.....
4. Elev. Skin & Structure.....
5. Rudder Hinges * Bearings, Inspected & Lubricated.....
6. Rudder Travel & Operation.....
7. Rudder cables, Horn & Turnbuckles.....
8. Rudder Skin & Structure.....
9. Trim Hinges & Jacks.....
10. Trim Travel & Operation, Lubricated.....
11. Trim Horn & Push rod.....
12. Trim Cables, Pulleys & Chains.....
13. Trim Tab Skin & Structure.....
14. Stab. Skin & Structure.....
15. Fin. Skin, Structure & Attachments.....
16. Antennas & Wiring.....
17. Beacon Security.....
18. Nav. Light Security.....

C. CABIN

1. Rudder pads, Torque Tubes, Cables & Springs, Lub.....
2. Nose Gear Steering Mechanism Insp. & Lubrication.....
3. Master Cyls. Fluid Level.....
4. Parking Brake.....
5. Main Gear Attachments.....
6. Insp. Landing Gear Box.....
7. Fuel Selector, Plumbing, Placards.....
8. Hydraulic Plumbing.....
9. Control Cables, Pulleys, Turnbuckles.....
 - a. Behind Panel.....
 - b. Under Floor.....
 - c. In Door Post.....
 - d. Above Headliner.....
10. Control Yoke & Wheels, Inspected & Lubricated.....
11. Elevator Push rod & Bell crank Inspected & Lubricated.....
12. Elevator Wiring
 - a. Behind Panel.....
 - b. Under Floor.....
13. Cabin Internal Structure.....
14. Instrument Mounting & Shock mounts.....
15. Instrument Markings.....
16. Instrument Plumbing.....
17. Instrument Filters.....
18. Suction Regulator.....
19. Radio Mount in Panel.....
20. Switches & Circuit Breakers.....
21. Flap Control Mechanism.....
22. Trim Control Mechanism.....
23. Seats & Upholstery, Inspected & Cleaned.....
24. Seat Belts, Condition & Attachments.....
25. Cabin Vents.....
26. Spare Fuses.....
27. Compass Correction Card.....
28. Required Placards.....
29. Sun Visors.....
30. Windows.....
31. Door-seals, Locks, Latches Lubricated.....
32. Inspect Emergency Exit Hatch.....

EXECUTIVE HELICOPTERS 100 HOUR INSPECTION-AIRFRAME

INSPECTION: INITIAL ITEM WHEN INSPECTED & AIRWORTHY OR DISCREPANCY RECORDED

D. FUSELAGE 1. In Tail Assembly..... a. Structure..... b. Control Cables, Pulleys & Turnbuckles Lub..... c. Elect. Wiring & Equip..... d. Radio Equipment & Racks..... e. Antenna Mounts..... f. Emergency Locator Trans..... g. ELT Battery Date <u>2-23-22</u> 2. External a. Skin Condition..... b. Antennas..... c. Static Ports..... d. Beacon Security..... 3. Battery a. Box Security..... b. Box Cleanliness-Drain Open..... c. Water Level..... d. Condition..... e. Cables & Solenoids.....	[REDACTED]	H. RETRACTABLE GEAR 1. Jack Aircraft..... 2. Retraction Test..... 3. Doors..... 4. Position Lights..... 5. Warning Horn..... 6. Locks & Springs/Up Lock Rollers..... 7. Safety Switches..... 8. Actuators & Fluid Lines..... 9. Light Switches..... 10. Emergency extension..... 11. Strut Fluid Level..... 12. Hydraulic Fluid Level & Contamination checked..... 13. Hydraulic Filter Cleaned..... 14. Strut & Saddle Condition..... 15. Reconnect Gear Doors..... 16. Down lock & Up lock Tension.....
4. Fuel System a. Low Point Drains..... b. Gascolator..... E. MAIN LANDING GEAR 1. Tires & Tubes..... 2. Wheels & Axles..... 3. Bearings, Check & Pack..... 4. Brakes, Lining, Disc Cylinder..... 5. Tire Inflation..... 6. Wheel Installed & Safetied..... 7. Gear Legs & Brake Lines..... 8. Brake Fluid Level..... 9. Fairings, Check & Install..... 10. Lubricate Nose & Main Gear.....	L [REDACTED] R [REDACTED]	I. POST INSPECTION 1. Remove all tools..... 2. Close Up Aircraft..... 3. Electrical Units Checked..... 4. Flight Controls Checked..... 5. Radios-Operating..... 6. Fire Extinguisher Charge..... 7. Logs and Inspection Forms Completed.....
F. NOSE SECTION 1. Inspect Radar System & Antenna..... 2. Inspect Heater System..... 3. Inspect Heater Ducting..... 4. Inspect Heater Fuel Filter..... 5. Inspect Heater IRIS Valve..... 6. Heater Hobbs Hours <u>39.6</u> G. NOSE GEAR 1. Fuselage Attachment..... 2. Oil Level Extension..... 3. Shimmy Dampener..... 4. Steering Linkage & Boots..... 5. Torque Links, Check & Lube..... 6. Tire & Tube Condition..... 7. Wheel & Axel..... 8. Bearings-Check & Pack..... 9. Fork & Strut..... 10. Tire Inflation..... 11. Wheel Installed & Safetied..... 12. Fairing..... 13. Gear Doors..... 14. Down & Up lock Tension.....	[REDACTED]	AIRCRAFT READY FOR FLIGHT _____ MECHANIC SIGNATURE _____ INSPECTOR SIGNATURE _____

**EXECUTIVE HELICOPTERS
100 HOUR INSPECTION-ENGINE**

Left

DATE: 5/17/2021

W.O.# 21-3363

TACH HOBBS 541.3 MAKE/MODEL T160-541-E1A ENG. SER. L-429-62 NH 57582

Pick up squawk and discrepancy sheets

Check AD Note and Service Bulletins

FUNCTIONAL REPORT:

	Prelim Run-Up	Finish Run-Up		Prelim Run-Up	Finish Run-Up
1. Cowl Flap Operation	✓	✓	13. Oil Press @ RPM 1700	53	55
2. Oil Pressure Start RPM 1000	94	80	14. Alt Output @ RPM 1700	25.0	28.0
3. Radio Check	✓	✓	15. Fuel Press @ RPM 1700	11	11
4. Instrument Flight	✓	✓	16. Ex. Gas Temp Gage	✓	✓
5. Fuel Quantity Gauges	900d	✓	17. Max Static RPM	2000	2000
6. Cylinder Head Temp	287	330	18. Max Static MAP	46.2	46.2
7. Oil Temp	150	150	19. Throttle Operation	900d	✓
	L	R	20. Cabin Heat & Vents	no heat	
8. Mag. Drop RPM 1700	75	80	21. Brakes-Steering	900d	✓
9. Carb. Heat @ RPM	N/A	N/A	22. Idle RPM	525	525
10. Carb. Air Temp	N/A	N/A	23. Mag. Switch Ground Check.	900d	✓
11. Suction Gage @ RPM 1700	5	5	24. Idle Mixture	104	10
12. Prop Cycle @ RPM 1700	75	75	25. Idle Cut Off	✓	✓

INSPECTION-INITIAL ITEM WHEN COMPLETED AND AIRWORTHY OR DISCREPANCY RECORDED

1. Remove spinner, cowling and air filter	
2. Perform hot compression check	
#1 74 #2 74 #3 74 #4 75 #5 70 #6 76	
3. Inspect engine for oil, exhaust, and fuel leaks	
4. Drain engine oil	
5. Remove and inspect engine oil screens and/or oil filter id applicable	
6. Clean Suction oil strainer at oil change Lycoming engine	
7. Inspect oil temperature sender unit for leaks and security	
8. Inspect oil breather and separator and clean element	
9. Inspect oil lines and fittings for leaks, security chafing, dents and cracks	
10. Inspect oil dipstick for rust, general condition and security	
11. Check oil cooler, lines and fittings for condition, security, chafing and leaks	
12. Inspect crankcase for cracks, leaks and security of seams bolts	
13. Clean, reinstall and safety oil screens, install new filter and safety	
14. Reinstall and safety oil drain plug	
15. Refill with proper type and quantity of oil-record amount used	
16. Inspect Cylinders for cracked or broken fins	
17. Inspect firewall for wrinkles, damage or cracks	
18. remove clean, gap, test spark plugs and rotate (top to bottom left, top to bottom right)	
19. Check Mag timing according to engine specs.	
20. Inspect Mag. Interior points and felt pad for proper lubrication and inspect ignition harness	
21. Reinstall and torque spark plugs, reconnect ignition wires	
22. Check distribution block for cracks, burned areas or corrosion and height of contact springs	
23. Inspect condition of flexible fuel lines	
24. Inspect fuel system for leaks	
25. Drain Carburetor float bowl. Resafety plug	
26. Remove fuel inlet screen from carb. Or injection throttle body, clean, reinstall and safety	
27. Remove gascolator bowl, inspect fuel screen, reinstall and safety, turn on fuel selector	
28. Inspect and service intake filter	

analog RPM 450-500 OFF from G4

analog CHT Jumping 50° below wire

mp 1.5 split @ 1000

L 15.2 R 16.6

GPH split

L 5.2 R 6.4

@ 1000

**EXECUTIVE HELICOPTERS
100 HOUR INSPECTION-ENGINE**

29. Inspect intake air box/or alternate air system	
30. Inspect all aero ducting, blast tubes	
31. Inspect engine baffles for security, position and chaffing	
32. Inspect engine mount for cracks, security, corrosion, and condition of shock mounts	
33. Inspect alternator mounting brushes, belt tension, lead, and rotor shaft bearing for condition	
34. Inspect exhaust system, cracks in tubing, exhaust gaskets for leaks, remove heat muff, inspect and reinstall	
35. Inspect starter brushes, mounting, drive and seals where applicable	
36. Inspect all electrical harness and terminals/shielding for condition, position and security	
37. Inspect vacuum pump mounting, seals lines, regulator and pump drive where applicable	
38. Inspect suction regulator filter for cleanliness	
39. Inspect prop governor for security, condition, and oil leaks	
40. Propeller-tight on shaft—check safeties where used	
41. Prop hub condition, seal, lubrication	
42. Remove nicks from propeller blade leading edges—repaint propeller	
43. Propeller unfeathering accumulator check for leaks, condition and proper charge	
44. Propeller synchronizer—check for condition and security	
45. Inspect de-ice system brushes—check for wear and seating	
46. Check all engine controls for proper travel and ease of movement, lubricate where possible	
47. Inspect cowling, cowl flap and fasteners condition, etc.	
48. Inspect spinner and back plate	
49. Re-install prop spinner	
TURBOCHARGER GROUP	
50. Visually inspect system for oil leaks, exhaust system leaks and general condition	
51. Inspect the compressor wheel for nicks, cracks or broken blades	
52. Inspect for excess bearing drag or wheel rubbing against housing	
53. Inspect turbocharger to tailpipe coupling clamp and bypass coupling clamp for proper sealing and nuts torque, Safety the clamp nuts	
54. Inspect operation of alternate air control	
55. Inspect turbine heat blanket for condition and security	
56. Inspect interconnect linkage between waste gate valve and throttle	
57. Inspect manifold pressure relief valve. Visually check system pressure condition and security	
58. Inspect induction and exhaust components for worn or damaged areas, loose clamps, cracks and leaks, waste gate valve, variable absolute pressure controller and rate controller check for condition and security, visually check spring and linkage.	
59. Wash down engine, firewall, propeller and cowling	
60. Perform finish run up, check for leaks	
61. Re-install cowling	
62. Complete log books and inspection forms	

AIRCRAFT READY FOR FLIGHT _____

MECHANIC SIGNATURE _____

INSPECTOR SIGNATURE _____

Bottom engine mounts need changed.

#3 Exhaust gasket needs changed.

Intake tube @ wastegate exhaust near chafed Threw

#1 pushrod tube cooked on Exhaust side

**EXECUTIVE HELICOPTERS
100 HOUR INSPECTION-ENGINE**

Right

DATE: 5/17/2001

W.O.# 21-3363

TACH — HOBBS 541.3

MAKE/MODEL T160-541-EIA

ENG. SER. L-608-6A

N# 575BC

Pick up squawk and discrepancy sheets

Check AD Note and Service Bulletins

FUNCTIONAL REPORT:

	Prelim Run-Up	Finish Run-Up		Prelim Run-Up	Finish Run-Up
1. Cowl Flap Operation	✓	✓	13. Oil Press @ RPM 1700	72	68
2. Oil Pressure Start RPM 1000	90	85	14. Alt Output @ RPM 1700	28.0	28
3. Radio Check	✓	✓	15. Fuel Press @ RPM 1700	11	11
4. Instrument Flight	✓	✓	16. Ex. Gas Temp Gage	✓	✓
5. Fuel Quantity Gauges	900	✓	17. Max Static RPM	2130	2000
6. Cylinder Head Temp	287	320	18. Max Static MAP	45.3	45
7. Oil Temp	280	150	19. Throttle Operation	900	✓
	L	R	20. Cabin Heat & Vents	No heat	
8. Mag. Drop RPM 1700	80	80	21. Brakes-Steering	900	✓
9. Carb. Heat @ RPM	—	—	22. Idle RPM	Low	under 500
10. Carb. Air Temp	—	—	23. Mag. Switch Ground Check.	900	✓
11. Suction Gage @ RPM 1700	5	5	24. Idle Mixture	10+	under 500
12. Prop Cycle @ RPM 1700	75	75	25. Idle Cut Off	✓	✓

INSPECTION-INITIAL ITEM WHEN COMPLETED AND AIRWORTHY OR DISCREPANCY RECORDED

1. Remove spinner, cowling and air filter	
2. Perform hot compression check	
#1 70/180 #2 76/180 #3 74/180 #4 76/180 #5 72/180 #6 70/180	
3. Inspect engine for oil, exhaust, and fuel leaks	
4. Drain engine oil	
5. Remove and inspect engine oil screens and/or oil filter id applicable	
6. Clean Suction oil strainer at oil change Lycoming engine	
7. Inspect oil temperature sender unit for leaks and security	
8. Inspect oil breather and separator and clean element	
9. Inspect oil lines and fittings for leaks, security chafing, dents and cracks	
10. Inspect oil dipstick for rust, general condition and security	
11. Check oil cooler, lines and fittings for condition, security, chafing and leaks	
12. Inspect crankcase for cracks, leaks and security of seams bolts	
13. Clean, reinstall and safety oil screens, install new filter and safety	
14. Reinstall and safety oil drain plug	
15. Refill with proper type and quantity of oil-record amount used 18 qts Aeroshell 100P	
16. Inspect Cylinders for cracked or broken fins	
17. Inspect firewall for wrinkles, damage or cracks	
18. remove clean, gap, test spark plugs and rotate (top to bottom left, top to bottom right)	
19. Check Mag timing according to engine specs.	
20. Inspect Mag. Interior points and felt pad for proper lubrication and inspect ignition harness	
21. Reinstall and torque spark plugs, reconnect ignition wires	
22. Check distribution block for cracks, burned areas or corrosion and height of contact springs	
23. Inspect condition of flexible fuel lines	
24. Inspect fuel system for leaks	
25. Drain Carburetor float bowl. Resafety plug	
26. Remove fuel inlet screen from carb. Or injection throttle body, clean, reinstall and safety	
27. Remove gascolator bowl, inspect fuel screen, reinstall and safety, turn on fuel selector	
28. Inspect and service intake filter	

analog of map

TIT intermittent

*No Prop heat Amp draw on either side
Prop Gov. Surges*

EXECUTIVE HELICOPTERS
100 HOUR INSPECTION-ENGINE

29. Inspect intake air box/or alternate air system	
30. Inspect all aero ducting, blast tubes	
31. Inspect engine baffles for security, position and chaffing	
32. Inspect engine mount for cracks, security, corrosion, and condition of shock mounts	
33. Inspect alternator mounting brushes, belt tension, lead, and rotor shaft bearing for condition	
34. Inspect exhaust system, cracks in tubing, exhaust gaskets for leaks, remove heat muffs, inspect and reinstall	
35. Inspect starter brushes, mounting, drive and seals where applicable	
36. Inspect all electrical harness and terminals/shielding for condition, position and security	
37. Inspect vacuum pump mounting, seals lines, regulator and pump drive where applicable	
38. Inspect suction regulator filter for cleanliness	
39. Inspect prop governor for security, condition, and oil leaks	
40. Propeller-tight on shaft—check safeties where used	
41. Prop hub condition, seal, lubrication	
42. Remove nicks from propeller blade leading edges—repaint propeller	
43. Propeller unfeathering accumulator check for leaks, condition and proper charge	
44. Propeller synchronizer—check for condition and security	
45. Inspect de-ice system brushes—check for wear and seating	
46. Check all engine controls for proper travel and ease of movement, lubricate where possible	
47. Inspect cowling, cowl flap and fasteners condition, etc.	
48. Inspect spinner and back plate	
49. Re-install prop spinner	
TURBOCHARGER GROUP	
50. Visually inspect system for oil leaks, exhaust system leaks and general condition	
51. Inspect the compressor wheel for nicks, cracks or broken blades	
52. Inspect for excess bearing drag or wheel rubbing against housing	
53. Inspect turbocharger to tailpipe coupling clamp and bypass coupling clamp for proper sealing and nuts torque, Safety the clamp nuts	
54. Inspect operation of alternate air control	
55. Inspect turbine heat blanket for condition and security	
56. Inspect interconnect linkage between waste gate valve and throttle	
57. Inspect manifold pressure relief valve. Visually check system pressure condition and security	
58. Inspect induction and exhaust components for worn or damaged areas, loose clamps, cracks and leaks, waste gate valve, variable absolute pressure controller and rate controller check for condition and security, visually check spring and linkage.	
59. Wash down engine, firewall, propeller and cowling	
60. Perform finish run up, check for leaks	
61. Re-install cowling	
62. Complete log books and inspection forms	

AIRCRAFT READY FOR FLIGHT

MECHANIC SIGNATURE

INSPECTOR SIGNATURE