

WORK ORDER FORM 100



PENN YAN AERO

2499 Bath Road
Penn Yan, New York 14527

315/536-2333

Customer TOW01 / TOWER AVIATION INC.

Cust RO#

Work Req CUSTOM

P/N TSIO-520-R / ENGINE

Step ADJUSTED PRICE. AWAIT

S/N 269562-R

FAA ID NO. Y2GR396Y

WORK ORDER #22682-07

Dept #ENG Page NO. 1

Location ENG

Warranty Code 00 / 0

Goodthru AD# 07-08

Mfg TEX01

Reason/Rm MOHC

Manual#

Rev. / /

Rev#

ATA NO.:

Date Reqr'd 04/05/2007

Date Estmtd / /

PRELIMINARY INSPECTION:

DATE: 03/01/2007

INSPECTOR: T.HANSEN

No shipping damage.

PRE TEST (Yes/No) N

DATE: / /

INSPECTOR:

Not required.

HIDDEN DAMAGE:

No hidden damage.

TEARDOWN FINDINGS:

Normal runout engine core. No abnormal wear or damage noted.

TECHNICIAN: J.HINES

DATE: 03/08/2007

INSPECTOR: T.HANSEN

FINAL INSPECTION BEFORE ASSEMBLY:

DATE: 03/21/2007

INSPECTOR: T.HANSEN

CORRECTIVE ACTION:

This engine has been overhauled to manufacturer's new part limits and tolerances where applicable. It has been disassembled, cleaned, inspected, repaired, and reassembled in accordance with data approved by or acceptable to the FAA. This engine has been dynamic balanced in accordance with FAA Approved Process Specification AMP-4302. Test cell run was satisfactory for return to service.

TECHNICIAN: R.HAMM

DATE: 04/30/2007

INSPECTOR: T.HANSEN

MODIFICATION/SERVICE BULLETINES:

Applicable AD's have been complied with. See separate AD sheet supplied.

Test Data Used: Data approved or acceptable to the FAA.

Test Technician: C.HUNT

DATE: 05/07/2007

Inspector: T.HANSEN

DATE: 05/07/2007

Final Inspection: T.HANSEN

DATE: 05/07/2007

Technician:

DATE: / /

Inspector:

DATE: / /



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315/536-2333

FAA ID NO. Y2GR396Y

WORK ORDER #22682-07

Dept #ENG Page NO. 2

Customer TOW01 / TOWER AVIATION INC.

Location ENG

Cust RO#

Step ADJUSTED PRICE. AWAIT

Warranty Code 00 / 0

Work Req CUSTOM

Goodthru AD# 07-08

P/N TSIO-520-R / ENGINE

S/N 269562-R

Mfg TEX01

ADDITIONAL COMMENTS:

(1)

(2)

PARTS DETAIL:

Line#	PART NUMBER	DESCRIPTION	CD	Qty	Serial Number
=====	=====	=====	==	=====	=====
1	1250816-2	GASKET	NE	1.00	
2	1250818-200	SUPPORT	NE	1.00	
3	1250818-201	SUPPORT	NE	1.00	
4	1250824-1	BOLT	NE	1.00	
5	406610-9005	TURBOCHARGER	OH	1.00	LKR0184
6	470688-9007	CONTROLLER, DIFF PRESS	OH	1.00	FGO182
7	470908-9011	WASTEGATE	OH	1.00	YJO28326
8	470944-9012	OVERBOOST VALVE	OH	1.00	HCO162
9	535661R-O	CAM, 6 CYL (OUTRIGHT)	OH	1.00	
10	535668	(25) SCREW	NE	11.00	
11	537296	HOUSING PUSH ROD	NE	3.00	
12	628555-25	HOSE	NE	1.00	
13	628555-27	HOSE	NE	1.00	
14	628555-28	HOSE	NS	2.00	
15	629263	GEAR	NE	1.00	
16	629354	SLEEVE	NE	1.00	
17	629703-11R	CONTROL ASSY	OH	1.00	K029310AR
18	630943-10.50	BOLT	NE	4.00	
19	631275-2	BRACKET	NE	1.00	
20	6320	MAGNETO	NE	1.00	07021261
21	6320	MAGNETO	NE	1.00	07021260
22	633129	BRACKET	NE	1.00	
23	633189	PLUG	NE	1.00	
24	639193	BUSHING *	NE	8.00	
25	639195	COUNTERWEIGHT	NE	2.00	
26	641931-9.81	BOLT	NE	1.00	
27	643259A18R	STARTER ADPTR *1050 CORE	OH	1.00	2781
28	646140-2	STUD	NE	6.00	
29	646173	TUBE	NE	1.00	
30	646258	TEE	NE	1.00	
31	646548A1	GASKET SET *	NE	1.00	
32	646778R	TCM CONN RODS WITH CAPS	OH	6.00	
33	649054A16R	FUEL INJ ASM	NE	1.00	10016183



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Step ADJUSTED PRICE. AWAIT

FAA ID NO. Y2GR396Y

WORK ORDER #22682-07

Dept #ENG Page NO. 3

Location ENG

Warranty Code 00 / 0

Goodthru AD# 07-08

P/N TSIO-520-R / ENGINE

S/N 269562-R

Mfg TEX01

34	652618A1	KIT	NE	1.00	
35	652661NM	OIL COOLER NU-MATRIX	OH	1.00	DRK108875
36	652887-8.88	BOLT	NE	2.00	
37	653386	FILTER	NE	1.00	
38	653877	HYD LIFTER	NE	6.00	
39	653888	LIFTER	NE	6.00	
40	654490	NUT	NE	12.00	
41	655961	BOLTCONN.ROD *	NE	12.00	
42	656818	CAM GEAR	NE	1.00	
43	9910306-1	GASKET	NE	2.00	
44	AEC350998	BUSHING	NE	8.00	
45	AEC630693-10.44	THRU BOLT	NE	1.00	
46	AN3-4A	BOLT	NE	28.00	
47	AN4-11A	BOLT	NE	8.00	
48	AN960C416L	FLAT WASHER	NE	8.00	
49	C/S 520	CRANKSHAFT	OH	1.00	B012M1
50	C24ST3	LT. WT. STARTER SKYTEC 24	NE	1.00	4C3-120703
51	CCT520TSIO-ECI	CRANKCASE ECI	OH	1.00	871726S
52	ES48108	OIL FILTER	NE	1.00	
53	LOG-PYAS	PYAS YELLOW LOG	NE	1.00	
54	M2779	HARNESS (COMPLETE) *	NE	1.00	
55	MS20036-5	BOLT	NE	3.00	
56	MS20074-06-07	BOLT	NE	2.00	
57	MS20500-428	NUT	NE	24.00	
58	MS21042L6	NUT	NE	6.00	
59	MS21043-6	NUT	NE	1.00	
60	MS21045L3	NUT	NE	28.00	
61	MS29512-04	O-RING	NE	2.00	
62	MS29512-06	O RING (10)	NE	4.00	
63	MS29512-08	O RING (10)	NE	1.00	
64	MS35756-6	KEY	NE	1.00	
65	MS35756-8	WOODRUFF KEY	NE	1.00	
66	NAS6206-6	BOLT	NE	6.00	
67	S1604-4	NUT	NE	8.00	
68	S1604-6	NUT	NE	4.00	
69	S1921-1	TURBO CLAMP	NE	1.00	
70	SA531001	NUT	NE	48.00	
71	SA535666	SCREW *	NE	4.00	
72	SA535823	GASKET	NE	1.00	



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FAA ID NO. Y2GR396Y

WORK ORDER #22682-07

Dept #ENG Page NO. 4

Location ENG

Customer TOW01 / TOWER AVIATION INC.

Cust RO#

Step ADJUSTED PRICE. AWAIT

Warranty Code 00 / 0

Work Req CUSTOM

Goodthru AD# 07-08

P/N TSIO-520-R / ENGINE

S/N 269562-R

Mfg TEX01

73	SA536379	BOLT	NE	6.00	
74	SA537721	BEARING	NE	1.00	
75	SA539058	WASHER *	NE	16.00	
76	SA629104	LOCK RING	NE	16.00	
77	SA629163-5	CLAMP ASSY	NE	2.00	
78	SA630826 M10	BEARING *	NE	12.00	
79	SA630979-9	O-RING	NE	4.00	
80	SA631928	HOSE	NE	1.00	
81	SA633958-3	SEAL	NE	6.00	
82	SA633958-5	SEAL	NE	2.00	
83	SA638172	BUSHING	NE	4.00	
84	SA639629	BUSHING *	NE	24.00	
85	SA641250	SEAL ASSY	NE	1.00	
86	SA641931-10.75	THRU BOLT, REV.A	NE	7.00	
87	SA642917-1	HOSE	NE	10.00	
88	SA643626-101	PIN *	NE	4.00	
89	SA643626-103	PIN *	NE	2.00	
90	SA643626-104	PIN *	NE	2.00	
91	SA643629	PLATE, CRANKSHAFT DAMPNER	NE	16.00	
92	SA646591-A1 M10	BEARING SET *	NE	1.00	
93	SA652541	NUT	NE	12.00	
94	URHB32E	UNISON SPARK PLUG	NE	8.00	
95	SA52006-A22P	CYL ASSY 520 STD CAST	NE	1.00	526B074495
96	SA52006-A22P	CYL ASSY 520 STD CAST	NE	1.00	526B074496
97	SA52006-A22P	CYL ASSY 520 STD CAST	NE	1.00	526B074501
98	SA52006-A22P	CYL ASSY 520 STD CAST	NE	1.00	526B074506
99	SA52006-A22P	CYL ASSY 520 STD CAST	NE	1.00	526B074507
100	SA52006-A22P	CYL ASSY 520 STD CAST	NE	1.00	526B074508
101	SA630046	PISTON PIN *	NE	6.00	

MAINTENANCE RELEASE RECORD

THE COMPONENT IDENTIFIED ABOVE WAS OVERHAULED AND INSPECTED IN ACCORDANCE WITH THE CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION, AND IS APPROVED FOR RETURN TO SERVICE. OTHER PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION.



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Cust RO#

Work Req **CUSTOM**

P/N **TSIO-520-R / ENGINE**

Step **ADJUSTED PRICE. AWAIT**

S/N **269562-R**

FAA ID NO. **Y2GR396Y**

WORK ORDER #**22682-07**

Dept #ENG Page NO. **5**

Location **ENG**

Warranty Code **00 / 0**

Goodthru AD# **07-08**

Mfg **TEX01**

Approved return to Service By **TIMOTHY HANSEN** [Redacted Signature] Date **May 08, 2007**

WOPSTM



PENN YAN AERO

CONTINENTAL ENGINE SHIPPING LIST - CUSTOM MAJOR OVERHAUL

W/O # 22682-07
TOWER AVIATION

MODEL # TSIO-520-R
DATE 5/8/2007

S/N 269562-R
CHECK OUT BY MIKE SMITH

	Y	N	NOTES
BAFFLES VENTRAL		X	
BAFFLES FRONT		X	
BAFFLES REAR		X	
BAFFLES SIDE		X	
BREATHING FITTING	X		INTEGRAL
CARBURETOR		X	
THROTTLE BODY	X		1-ST, 1-90, 1-45
THROTTLE ARM	X		
MIXTURE ARM	X		
FUEL PUMP	X		4-90, 3-45, 2-ST
FUEL INLET FITTING	X		AS NOTED ABOVE
CHT FITTING		X	
CHT TYPE & LOCATION		X	
DIPSTICK	X		
DIPSTICK TUBE	X		
EXHAUST STACKS	X		COMPLETE
FILTER CONDENSERS		X	
FLOW DIVIDER	X		2-90, 1-45
FUEL INJ. NOZZLES & LINES	X		6-NOZZLES, 6-LINES
ALTERNATOR		X	
ALTERNATOR BRACKET		X	
ALTERNATOR CONTROL ARM		X	
HARNESS	X		2-NEW SLICK
INTER CYL. BAFFLES	X		4
LIFTING EYES	X		1
MAGNETOS	X		2-SLICK
LOG BOOKS	X		PENN YAN YELLOW
MANIFOLD PRESSURE FITTINGS	X		2-90, 1-ST
MOUNT LEGS	X		4
NOSE SEAL RETAINING KIT	X		W/ HARDWARE
OIL COOLER	X		DRAKE AIR
OIL COOLER FITTINGS		X	
OIL FILTER	X		ES48108
OIL FILTER ADAPTER	X		
OIL SUMP	X		
OIL TEMP FITTING	X		IN BOX
OIL PRESSURE FITTING	X		45 ADAPTER TO TEE
PRIMER JETS & LINES		X	
PROP GOV PAD STUD LENGTH	X		4 @ 1 3/8"
QUICK DRAIN		X	
SPARK PLUGS	X		12 URHB32E
STARTER	X		SKY-TEC
STARTER DRIVE ADAPTER	X		
SUMP PLUG	X		
TACH DRIVE	X		
VACUUM PUMP DRIVE	X		
INTAKE PIPES	X		+ BALANCE TUBE
HEAT SHIELD		X	
FILL TUBE & CAP	X		

ACCESSORIES

LEFT MAGNETO	P/N	6320
	S/N	07021260
RIGHT MAGNETO	P/N	6320
	S/N	07021261
STARTER	P/N	C24ST3
	S/N	4C3-120703
ALTERNATOR	P/N	NOT SUPPLIED
	S/N	NOT SUPPLIED
FUEL SYSTEM	P/N	COVERED
	S/N	COVERED
FUEL PUMP	P/N	COVERED
	S/N	COVERED
PROP GOV.	P/N	NOT SUPPLIED
	S/N	NOT SUPPLIED

NOTES

CRANKSHAFT - B012, 144995, WITH OIL
TRANSFER PLUG
CASE - MATCH # 871726 S
OIL COOLER - DRAKE AIR, 652661, DRK108875
TURBO - 406610-9005, LKR0184
WASTEGATE - 470908-9011, YJ028326
CONTROLLER - 470688-7, FG0182
VALVE - 470944-12, HC0162
BOXED - THROTTLE BODY W/ FLEX LINES, 2-INTAKE PIPES, INTAKE HOSES, TURBO, TAIL PIPE, CONTROLLER, OVERBOOST VALVE, INNER COOLER, MISC. GASKETS SEALS FLEX LINES O RINGS FITTINGS HOSES & CLAMPS, HEAT PAD W/ LEADS,
PLEASE NOTE PICTURES

PYA FORM # PY-106 11/1/2005

THIS ENGINE WAS ASSEMBLED AS INDICATED. ORIGINAL CHECK IN ON FILE AT PENN YAN AERO

The accessories listed are either new or were overhauled (as indicated) and supplied with this engine:

TSIO-520-R

Engine Model

269562-R

22682-07

5/8/2007

Serial Number

Work Order Number

Date

Repair Station Y2GR396Y Authorized Signature



Penn Yan Aero

2499 Bath Road, Penn Yan, New York 14527

Telephone: 1-315-536-2333

www.pennyanero.com

FAA Approved Repair Station: Y2GR396Y

6320 (New)

07021261

Right Magneto - Part Number

Serial Number

6320 (New)

07021260

Left Magneto - Part Number

Serial Number

629703-11

K029310AR

Injector/Carburetor - Part Number

Serial Number

646768-3A1

B07BA044R

Fuel Pump - Part Number

Serial Number

C24ST3 (New)

4C3-120703

Starter - Part Number

Serial Number

406610-9005

LKR0184

Turbocharger - Part Number

Serial Number

470688-9007

FGO182

Controller - Part Number

Serial Number

470944-9012

HCO162

Controller - Part Number

Serial Number

470908-9011

YJO28326

Waste Gate - Part Number

Serial Number

This is to certify that the engine described hereafter has been overhauled to manufacturer's new parts tolerances and limits where applicable by Penn Yan Aero. Engine disassembled, cleaned, inspected, repaired, reassembled, and tested in accordance with data approved by and or acceptable to the FAA. All applicable Airworthiness Directives are in compliance. See A.D. list supplied.



Penn Yan Aero

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Telephone: 1-315-536-2333

www.pennyanero.com

FAA Approved Repair Station: Y2GR396Y

22682-07

5/8/2007

Work Order Number

Dated

TSIO-520-R

Engine Model

269562-R

Serial Number

Dynamic balanced engine per FAA Approved Process Spec. AMP-4302. Installed new Superior Airparts SA52006-A22P cylinder kits.

This engine has been remanufactured to Zero Time Tolerances by Penn Yan Aero.

4655.2

Previous Time in Service

Repair Station Y2GR396Y Authorized Signature

Airworthiness Directive Compliance Record

AIRCRAFT RECORDS - DO NOT DESTROY

engine

Company Tower Aviation WO# 22682-07 / Penn Yan Aero WO# 21733-06
Manufacturer TELEDYNE CONTINENTAL MOTORS
Model TSIO-520 SERIES
Location TSIO-520-R
Serial # 269562-R
TSMOH 0.0
Total Time 4655.2

79-05-09 03/12/79 OIL PRESSURE RELIEF VALVE PLUNGER AND SCREW/

Method of Compliance Not applicable by engine serial number.

SB #

Date 5/3/07

Next Due N/A

Signature

Cert. # Y2GR396Y

80-01-04 01/25/80 CYLINDER HOLDDOWN FLANGES/

Method of Compliance No affected cylinders are installed on this engine. New Superior cylinders are installed.

SB #

Date 5/3/07

Next Due N/A

Signature

Cert. # Y2GR396Y

82-09-01 07/08/82 FUEL PRESSURE REGULATOR INLET AND OUTLET/

Method of Compliance Not applicable by engine model number.

SB #

Date 5/3/07

Next Due N/A

Signature

Cert. # Y2GR396Y

84-19-04 09/19/84 FUEL PUMP DRIVE MECHANISM/

Method of Compliance Not applicable by engine model number.

SB #

Date 5/3/07

Next Due N/A

Signature

Cert. # Y2GR396Y

***84-25-05 03/04/85 TURBOCHARGER OIL SCAVENGE RESERVOIR/**

Method of Compliance Not applicable by engine model number.

SB #

Date 5/3/07

Next Due N/A

Signature

Cert. # Y2GR396Y

86-08-07 04/21/86 FUEL PUMP REPLACEMENT/

Method of Compliance Not applicable by engine model number.

SB #

Date 5/3/07

Next Due N/A

Signature

Cert. # Y2GR396Y

***86-13-04 R3 02/24/88 CYLINDER BARREL CRACKING/**

Method of Compliance No affected cylinders are installed on this engine. New Superior cylinders are installed.

SB #

Date 5/3/07

Next Due N/A

Signature

Cert. # Y2GR396Y

87-26-08 04/29/88 CRANKCASE, CRANKSHAFT AND PISTON PINS/

Method of Compliance Not applicable by engine model number.

SB #

Date 5/3/07

Next Due N/A

Signature

Cert. # Y2GR396Y

Prepared by

Date

5/3/07

Airworthiness Directive Compliance Record

88-03-06	04/15/88	TCM PRO-TECH OIL FILTER/
Method of Compliance	No affected oil filter is installed on this engine. Oil filter P/N: ES48108.	
SB #	Date 5/3/07	Next Due Next filter change
Signature [redacted]		Cert. # Y2GR396Y
88-17-03	08/10/88	STARTER ADAPTER DRIVE SHAFT/
Method of Compliance	Not applicable by engine model number.	
SB #	Date 5/3/07	Next Due N/A
Signature [redacted]		Cert. # Y2GR396Y
*89-14-01	09/22/89	CRANKSHAFT END PLAY AND NUMBER TWO CRANKCASE MAIN BEARING/
Method of Compliance	Not applicable by engine model number.	
SB #	Date 5/3/07	Next Due N/A
Signature [redacted]		Cert. # Y2GR396Y
89-24-01 R1	08/10/90	SCAVENGE OIL PUMP GEARS/
Method of Compliance	Not applicable by engine model number.	
SB #	Date 5/3/07	Next Due N/A
Signature [redacted]		Cert. # Y2GR396Y
*89-24-03	06/18/90	TURBOCHARGER INLET ASSEMBLY/
Method of Compliance	Not applicable by engine model number.	
SB #	Date 5/3/07	Next Due N/A
Signature [redacted]		Cert. # Y2GR396Y
91-19-03	09/29/91	CHAMPION ENGINE OIL FILTER/
Method of Compliance	No affected oil filter is installed on this engine. P/N: ES48108 filter installed.	
SB #	Date 5/3/07	Next Due N/A
Signature [redacted]		Cert. # Y2GR396Y
93-08-17	08/23/93	OIL PICK-UP TUBE INSPECTION/
Method of Compliance	No affected oil pickup tube is installed in this engine.	
SB #	Date 5/3/07	Next Due N/A
Signature [redacted]		Cert. # Y2GR396Y
93-10-02	08/12/93	CYLINDER VALVE RETAINER KEY/
Method of Compliance	No ECI cylinders are installed on this engine. New Superior cylinders are installed.	
SB #	Date 5/3/07	Next Due N/A
Signature [redacted]		Cert. # Y2GR396Y
93-16-15	12/14/93	FUEL PUMP DRIVE SHAFT COUPLING/
Method of Compliance	Not applicable by engine model number.	
SB #	Date 5/3/07	Next Due N/A
Signature [redacted]		Cert. # Y2GR396Y
95-21-15	11/28/95	ENGINE TEARDOWN AND INSPECTION/
Method of Compliance	This engine has not been installed in any affected aircraft.	
SB #	Date 5/3/07	Next Due N/A
Signature [redacted]		Cert. # Y2GR396Y

Prepared by [redacted]

Date 5/3/07

Airworthiness Directive Compliance Record

*96-12-22	07/31/96	OIL FILTER ADAPTER ASSEMBLY NUT/
Method of Compliance	No Cessna oil filter adapter is installed on this engine. Oil filter is integral with the oil pump.	
SB #	Date 5/3/07	Next Due N/A
Signature [redacted]		Cert. # Y2GR396Y
*97-26-17	01/23/98	AIRMELT CRANKSHAFT/
Method of Compliance	VAR Crankshaft previously installed. Ultrasonic inspected satisfactory.	
SB #	Date 5/3/07	Next Due Next crankshaft removal
Signature [redacted]		Cert. # Y2GR396Y
98-01-08	12/23/97	EXHAUST ROLLER BEARING ROCKER ARMS/
Method of Compliance	No roller rocker arms were installed in this engine.	
SB #	Date 5/3/07	Next Due N/A
Signature [redacted]		Cert. # Y2GR396Y
98-17-11	10/19/98	CRANKSHAFT CRACKS/
Method of Compliance	No affected crankshaft is installed in this engine. Crankshaft S/N: B012M1.	
SB #	Date 5/3/07	Next Due N/A
Signature [redacted]		Cert. # Y2GR396Y
99-19-01	09/30/99	CRANKSHAFT CHEEK CRACKS/
Method of Compliance	No affected crankshaft is installed in this engine. Crankshaft S/N: B012M1.	
SB #	Date 5/3/07	Next Due N/A
Signature [redacted]		Cert. # Y2GR396Y
00-23-21	12/12/00	CRANKSHAFT CONNECTING ROD JOURNAL/
Method of Compliance	No affected crankshaft is installed in this engine. Crankshaft S/N: B012M1.	
SB #	Date 5/3/07	Next Due N/A
Signature [redacted]		Cert. # Y2GR396Y
04-08-10	05/05/04	ENGINE COMPONENTS, INC. STC'D CYLINDERS/
Method of Compliance	No ECI cylinders are installed on this engine. New Superior cylinders are installed.	
SB #	Date 5/3/07	Next Due N/A
Signature [redacted]		Cert. # Y2GR396Y
07-04-19 R1	05/07/07	SUPERIOR AIR PARTS, INC. CAST CYLINDER ASSEMBLIES/
Method of Compliance	No affected Superior cylinders are installed on this engine. Cylinder P/N: SA52006-A22P installed.	
SB #	Date 5/3/07	Next Due N/A
Signature [redacted]		Cert. # Y2GR396Y

Prepared by [redacted]

Date 5/3/07

Airworthiness Directive Compliance Record

AIRCRAFT RECORDS - DO NOT DESTROY

appliances

Company Tower Aviation WO# 22682-07 / Penn Yan Aero WO# 21733-06
Tail # Magneto M/N: 6300, P/N: 6320 (New), S/N: 07021260

*74-18-05 08/28/74 SLICK ELECTRO, INC.
MAGNETOS

MAGNETO IMPULSE COUPLING/

Method of Compliance Not applicable by magneto model number.

SB #

Date 5/3/07

Next Due N/A

Signature [REDACTED]

Cert. # Y2GR396Y

80-06-05 03/28/80 SLICK ELECTRO, INC.
MAGNETOS

MAGNETOS/

Method of Compliance Not applicable by magneto part number.

SB #

Date 5/3/07

Next Due N/A

Signature [REDACTED]

Cert. # Y2GR396Y

81-16-05 08/06/81 SLICK ELECTRO, INC.
MAGNETOS

MAGNETO COIL/

Method of Compliance Not applicable by magneto part number.

SB #

Date 5/3/07

Next Due N/A

Signature [REDACTED]

Cert. # Y2GR396Y

*99-04-04 02/25/99 SLICK ELECTRO, INC.
MAGNETOS

MAGNETO IMPULSE COUPLING/

Method of Compliance Not applicable by magneto part number.

SB #

Date 5/3/07

Next Due N/A

Signature [REDACTED]

Cert. # Y2GR396Y

02-13-04 07/12/02 SLICK ELECTRO, INC.
MAGNETOS

MAGNETO IMPULSE COUPLING STOP PIN/

Method of Compliance Not applicable by magneto part number.

SB #

Date 5/3/07

Next Due N/A

Signature [REDACTED]

Cert. # Y2GR396Y

Prepared by [REDACTED]

Date

5/3/07

* Indicates possible recurring inspections
(New), S/N: 07021260 Page 1 of 1

Tdata, Inc (Tdata.com)

Magneto M/N: 6300, P/N: 6320

Airworthiness Directive Compliance Record

AIRCRAFT RECORDS - DO NOT DESTROY

appliances

Company Tower Aviation WO# 22682-07 / Penn Yan Aero WO# 21733-06
Tail # Magneto M/N: 6300, P/N: 6320 (New), S/N: 07021261

*74-18-05 08/28/74 SLICK ELECTRO, INC.
MAGNETOS

MAGNETO IMPULSE COUPLING/

Method of Compliance Not applicable by magneto model number.

SB #

Date 5/3/07

Next Due N/A

Signature [REDACTED]

Cert. # Y2GR396Y

80-06-05 03/28/80 SLICK ELECTRO, INC.
MAGNETOS

MAGNETOS/

Method of Compliance Not applicable by magneto part number.

SB #

Date 5/3/07

Next Due N/A

Signature [REDACTED]

Cert. # Y2GR396Y

81-16-05 08/06/81 SLICK ELECTRO, INC.
MAGNETOS

MAGNETO COIL/

Method of Compliance Not applicable by magneto part number.

SB #

Date 5/3/07

Next Due N/A

Signature [REDACTED]

Cert. # Y2GR396Y

*99-04-04 02/25/99 SLICK ELECTRO, INC.
MAGNETOS

MAGNETO IMPULSE COUPLING/

Method of Compliance Not applicable by magneto part number.

SB #

Date 5/3/07

Next Due N/A

Signature [REDACTED]

Cert. # Y2GR396Y

02-13-04 07/12/02 SLICK ELECTRO, INC.
MAGNETOS

MAGNETO IMPULSE COUPLING STOP PIN/

Method of Compliance Not applicable by magneto part number.

SB #

Date 5/3/07

Next Due N/A

Signature [REDACTED]

Cert. # Y2GR396Y

Prepared by [REDACTED]

Date

5/3/07

* Indicates possible recurring inspections
(New), S/N: 07021261

Tdata, Inc (Tdata.com)

Magneto M/N: 6300, P/N: 6320

Page 1 of 1

PUBLICATION SHEET
Penn Yan Aero Service
2499 Bath Road, Penn Yan, NY 14527

TSIO-520 - R (9)
WO# 22682-07
S/N 269562-R

1

Customer Tower Aviation

Pub#	General Description	Inspect	Repair	Reassy	Access	Parts	Compliance	Signature
M67-5	Lagging Breather Line						N.A.	
M67-12	Overboost - Engine						N.A.	
M70-7	Oil Feed Holes					CAP Port	RE N.A.	
M70-11	Slick Bulletin No. 1-70						N.A.	
M70-17	Fuel Pump Gasket (FAA AD 71-9-3)						N.A.	
M71-14	Slick Bulletin No. 1-71 (FAA AD 71-9-3)						N.A.	
M71-21	Turbocharger Shaft Inspection						N.A.	
M72-8	Scavenge Pump						N.A.	
M72-17 Rev. 1	Connecting Rod Weights						C.W.	
M73-6 Rev. 1	Prestolite Alternator No. ASM-8 (FAA AD 72-15-2)						N.A.	
M74-18	Slick Bulletin 1-74 (FAA AD 74--08-5)						N.A.	
M75-6 Rev. 1	Conversions						N.A.	
M75-30	Prestolite Bearing Insp. No. ASM-10 (FAA AD 76-02-07)						N.A.	
M76-4	Crankcase Oil Seal Installation						C.W.	
M76-5 Rev. 1	Remote Mounted Oil Coolers						N.A.	
M76-7	P/N 634021 Alternator Face Gear Lockplates						N.A.	
M76-20	Oil Filters (FAA AD 72-24-03)						N.A.	
M77-9	Thru Bolt Change						C.W.	
M78-3	Oil Transfer Collar						Pic Collar	
M78-5 Rev. 3	Flexible Elbow (FAA AD 78-06-01)						N.A.	
M78-9	Crankshaft, Crankcase & Bearings						C.W.	
M78-16	Intake Tube						N.A.	
M79-12	Starter Adapter Sheave						N.A.	
M80-10	Flex Elbow Replacement						N.A.	
M80-14	Freon Compressor Bracket						N.A.	
M80-25	Air Conditioning Kits						N.A.	

PUBLICATION SHEET
Penn Yan Aero Service
2499 Bath Road, Penn Yan, NY 14527

TSIO-520 _____
WO# _____
S/N _____

2

Pub#	General Description	Inspect	Repair	Reassy	Access	Parts	Compliance	Signature
M81-4 Rev. 1	AiResearch Bulletin TP60-0120						N.A.	
M81-6 Rev. 2	Fuel Hoses						N.A.	
M81-9	Nose Seal Retainer Plates (FAA AD 80-22-05)						P.C.W.	
M81-12	Alternator Bracket						P.C.W.	
M81-13 Rev. 1	Slick Bulletin No. 1-81 (FAA AD 81-16-05)						N.A.	
M81-15 Rev. 1	Prestolite Alternator Exchange						N.A.	
M81-16	AiResearch Service Letter TP61-0043-2						N.A.	
M81-17	AiResearch Service Letter TP61-0039						N.A.	
M81-18	Air Reference Hoses						N.A.	
M81-19	Flexible Elbows						N.A.	
M81-25	Exhaust Flange to Cylinder Inst.						C.W.	
M81-28 Rev. 1	Oil Filters						N.A.	
M82-5	Fuel Pressure Regulator (FAA AD 82-09-01)						N.A.	
M82-13	Fuel Inlet Fitting						N.A.	
M83-5	Slick Service Bulletin 3-82						N.A.	
M83-6	Slick Service Bulletin 2-82						N.A.	
M83-8 Rev. 1	Fuel Pump Replacement						N.A.	
M84-3	Induction Manifold Hose Inspection						N.A.	
M84-5	Alternator Inspection Gear Driven						N.A.	
M84-7	Turbo Inlet Check Valve 643797						N.A.	
M84-8	Magneto Timing Indicator Plate						C.W.	
M84-13	Slick Service Bulletin 1-84						N.A.	
M84-15	Cylinder Compression Leakage Check						C.W.	
M85-6	Garret Service Letter TP61-0001, Rev. E						N.A.	
M85-9 Rev. 1	Piston to Cylinder Dome Clearance					New Miller cyl	N.A.	
M85-10	Cylinder Hold Down Nuts						C.W.	
M85-14	Magneto Pressurization Filter							
M86-4	Fuel Pumps						N.A.	
M86-5	Manifold Pressure Line Adapter						N.A.	
M86-13 Rev. 1	Camshaft Plug Inspection						N.A.	

PUBLICATION SHEET
Penn Yan Aero Service
2499 Bath Road, Penn Yan, NY 14527

TSIO-520 _____

WO# _____

S/N _____

3

Pub#	General Description	Inspect	Repair	Reassy	Access	Parts	Compliance	Signature
M86-14	Camshaft P/N 629726 Rework						N.A.	
M86-20	Air/Oil Separator Drain Modification						N.A.	
M87-7	Oil Filter Adapter Inspection							
M87-15	Alternator Ground Strap						N.A.	
M87-16	Slick Service Bulletin SB1-86A						N.A.	
M87-17	Improved Oil Pump Suction Tube Assy.						N.A.	
M87-18	Aircraft Engine Nameplates						N.A.	
Rev. 1							N.A.	
M87-21	Operation and Service						N.A.	
M87-23	Crankshaft Counterweight I.D.at Overhaul						C.W.	
M87-24	Broken Starter Adapter Shafts						N.A.	
M87-25	Piston Pin Replacement & Thru Bolt Torque Check						N.A.	
M87-26	Piston Pin Replacement & Thru Bolt Torque Check						N.A.	
M88-4	TCM Pro-Tech Oil Filter (FAA AD 88-03-06)						N.A.	
M88-5	Starter Adapter Shafts (FAA AD 88-17-03)						N.A.	
M88-9	Lightning Strikes						N.A.	
M88-10	Contaminated Fuels						N.A.	
M88-12	Piper Aircraft Mandatory Service Bulletin						N.A.	
M88-14	Slick Service Bulletin SB1-88						N.A.	
M89-5	Alternator and Drive Coupling Installation						N.A.	
M89-6	Compressor Belt Sheave Alignment & Belt Tensioning						N.A.	
M89-7	Engine Operation After Cylinder Replacement and/or Major Overhaul						C.W.	
Rev. 1							N.A.	
M89-9	Excessive Crankcase Pressures						N.A.	
M89-14	Thru Bolt Torque Check & Visual Inspection #2 Main Bearings (FAA AD 89-14-01)						N.A.	
M89-15	Overspeed Limitations							
M89-18	EGT Recommendations						C.W.	
M89-23	Lower Throttle Body Support Bracket & Linkage						N.A.	
M90-6	Inspection & Replacement of Scavenge Pump Gears P/N 635334 & 639388 (FAA AD 89-24-01R1)						N.A.	
M90-8	Exhaust System Inspection						N.A.	
M90-9	New TCM Magneto & Harness						N.A.	

PUBLICATION SHEET
Penn Yan Aero Service
2499 Bath Road, Penn Yan, NY 14527

TSIO-520 _____
WO# _____
S/N _____

4

Pub#	General Description	Inspect	Repair	Reassy	Access	Parts	Compliance	Signature
	Applications							
M90-10	Standby Vacuum Pump Oil Leak Check/Inspection						N.A.	
M90-13	Exhaust Valve Stem Corrosion/Erosion						N.A.	
M90-14	Champion Aviation Action Alert 90-1 (FAA AD 91-19-03)						N.A.	
M90-15	Rocker Arm and Push Rod Inspection						N.A.	
M90-16	7th Stud Improvement on TCM Crankcases						C.W.	
M90-17	Crankcase Inspection Criteria						P.C.W.	
M90-19	Fuel Inlet Tee						N.A.	
M91-4	Piston to Ring Application						N.A.	
M91-6	Cylinder Barrel Inspection						N.A.	
M91-7	Cylinder Barrel Ultrasonic Inspection						N.A.	
M91-8	TBO						N.A.	
M91-9	Cam & Lifter Lubrication During Engine Build						C.W.	
M91-10	Inspection for Correct Oil Pick-Up Tube Installation (FAA AD 93-08-17)						N.A.	
M91-12	New Oil Pump Gauge Rod Housing						N.A.	
M92-6	Rockershaft Retention Improvement for Inclined Valve Cylinder						N.A.	
M92-7	Deck Studs						N.A.	
M92-9	Flanged .500 Thru Bolt Nut, P/N 652541						C.W.	
M92-10	Starter Adapter						N.A.	
M92-12	New and Rebuilt Alternator Thru-Bolt Torque Inspection, P/N 649304, 649305, 649304R and 649305R (with drive coupling)						N.A.	
M92-14	New Modine Oil Coolers, P/N 635996, 646685, 649479 and 652759						N.A.	
M93-4	Crankshaft Counterweights						C.W.	
M93-5	Chamfer of Crankcase Main Bearing Oil Feed Holes						N.A.	
M93-8	Rocker Arm to Rotocoil Clearance						N.A.	
M93-10	TCM Ignition Systems Service Bulletin No. 639						N.A.	
SIL93-11A	New Service Document Format						N.A.	
MSB93-12	Valve Retainer Key Installation Inspection (FAA AD 93-10-02)						N.A.	
SIL93-14	CFC Warning Statement						N.A.	
SIL93-15	General Practices for Use of Lock Wire,						C.W.	

PUBLICATION SHEET
Penn Yan Aero Service
2499 Bath Road, Penn Yan, NY 14527

TSIO-520 _____
WO# _____
S/N _____

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Pub#	General Description	Inspect	Repair	Reassy	Access	Parts	Compliance	Signature
	Tab Washers & Cotter Pins							
CSB94-1	Teledyne Continental Motors Ignition Systems Service Bulletin No. 641						N.A.	
SB94-2	Oil Filter Adapter Mounting Stud						P.C.W.	
SB94-3	Induction System Hose and Clamp Replacement						N.A.	
SIL94-5	Mobil AV1 Oil						N.A.	
SIL 94-6	Oil Dipstick to Engine Applications Chart							
SIL94-7	Crankshaft Flange Timing Marks						N.A.	
SB94-8	Magneto to Engine Timing						C.W.	
SIL94-10	Replacement of Intake Valve Rotocoils						N.A.	
SB94-11	Oil Pump Gasket P/N 643749						N.A.	
CSB94-15	Crankcase Stud Inspection						N.A.	
SB95-2	Inspection and Maintenance of Engine Control Cables and Linkage						C.W.	
SIL95-5	Hose and Tubing Installation						C.W.	
MSB95-6	Fuel Pump Drive Coupling (FAA AD 93-15-16)						N.A.	
SB95-7	Manifold Valve Cover Inspection						N.A.	
SB96-3B	Crankshaft Gear Bolt Inspection						N.A.	
SID96-6	TCM Ignition Systems Service Bulletin No. 653						C.W.	
SB96-7	Torque Limits						C.W.	
CSB96-8	Replacement of Airmelt (NON-VAR) Crankshafts						P.C.W.	
SIL96-9	Oil Pressure Relief Valve Spring						C.W.	
MSB96-10	Crankshaft Ultrasonic Inspection						N.A.	
SB96-11	Propeller Strikes and Hydraulic Locks						N.A.	
SB96-12	Continued Airworthiness Instructions for TCM Cylinders						N.A.	
SIL97-1	Airworthiness Limitations						N.A.	
SID97-2	Operation, Maintenance & Warranty for TCM Cylinders						N.A.	
SID97-3	TCM Continuous Flow Fuel Injection System Set-Up and Adjustment						C.W.	
SID97-4A	Cylinder Bore and Piston Fit Specifications						N.A.	
SB97-6	Mandatory Replacement Parts						C.W.	
SID97-8	Interference of TCM 24 Volt 60 Amp. Gear Driven Alternator and Crankcase Thru Bolt						N.A.	

PUBLICATION SHEET
Penn Yan Aero Service
2499 Bath Road, Penn Yan, NY 14527

TSIO-520 _____

WO# _____

S/N _____

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Pub#	General Description	Inspect	Repair	Reassy	Access	Parts	Compliance	Signature
CSB97-10A	Piston Pin Plug Wear (FAA AD 97-21-02)						N.A	
SB97-11	New Rocker Assemblies, P/N 652130 & 652131, Which Utilize P/N 652129 Single Piece Bushing						P. N. C.W.	
SIL97-12	Starter Adapter Shaft Seal Installation						N.A	
SB97-13	New Engine Driven Fuel Pump TSIO-520-BE						N.A	
CSB98-1	Valve Inspection						N.A	
SB98-2	Value Guide Dimensions						N.A	
SIL98-3 A	Value Springs						N.A	
SIL98-5	Cam Assembly						N.C.W.	
SIL98-6	Fuel Injection System Application Guide						C.W.	
SIL99-1	Engine Preservation for Active and Stored Aircraft						C.W.	
SIL99-2	Current Listing of Sealants, Lubricants, and Adhesives						C.W	
MSB99-3C	Crankshaft Inspection						N.A	
SB99-8	Engine Fuel Injection System Preservation						C.W	
SB00-3A	Crankshaft Counterweight and Connecting Rod Repair						C.W.	
MSB00-5D	Crankshaft Material Inspection						N.A	
SIL00-7A	Oil Gauge Rod Application						N.A	
SIL00-9 A	Engine Data Plates						N.A	
SB00-10	Fuel Pump Seal P/N 649198						N.A	
CSB01-1	Fuel Pump Inspection and Seal Test						N.A	
SB01-3	TCM P/N 649304A1 & 649305A1 Gear Driven Alt.						N.A	
CSB02-2A	Starter Adapter Shaft Seal Inspection						N.A	
SIL02-4	Production Release of New Light Weight Starter Motors						N.A	
SIL02-6A	Production Release of (optional) Intake and Exhaust Valves						N.A	
CSB-02-8	TCM Ignition CSB 664						N.A	
SIL 03-1	Cold Weather Operation-Engine Preheating						N.A	
SIL 03-2B	Currently Active Approved Spark Plug Application						C.W	
SB 03-3	Differential Pressure Test & Bore scope Inspection Procedures for Cylinders						N.A	
SIL 04-2	Cylinder Barrel Ultrasonic Inspection						N.A	

PUBLICATION SHEET
Penn Yan Aero Service
2499 Bath Road, Penn Yan, NY 14527

TSIO-520 _____
WO# _____
S/N _____

7

Pub#	General Description	Inspect	Repair	Reassy	Access	Parts	Compliance	Signature
CSB 04-5	TCM Ignition CSB 665						N/A	
SB 04-10	Piston Position Marking						N/A	
SB 04-11	Valve Guide Application, Installation & Reaming Procedures						N/A	
SIL 04-12	TCM Authorized Engine Adj, Component Replacement, and repositioning of fitting Orientation						N/A	
SID 05-1	This Service Information Directive (SID) Summarizes info. Pertinent to design, operation, maintenance, and warranty for TCM Camshafts & Hydraulic Lifters						N/A	
SB 05-2	Overspeed Limitations						N/A	
SIL 05-3	Engine Specification Numbers						N/A	
SIL00-7A	Oil Gauge Rod Application						N/A	
SIL00-9	Engine Data Plates							
SB00-10	Fuel Pump Seal P/N 649198						N/A	
CSB01-1	Fuel Pump Inspection & Seal Test						N/A	
SB01-3	TCM P/N 649304A1 & 649305A1 Gear Driven Alt.						N/A	
CSB02-2A	Starter Adapter Shaft Seal Inspection						N/A	
SIL02-4	Production Release of New Light Weight Starter Motors						N/A	

Serial No. _____

Signature	License Number

ta Must Bear the Endorsement of a
Mechanic, and his Rating and
umber MUST be Shown.

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
02.26.07			REMOVED ENGINE TS10-520-R9		
	4655.2		S/N 269562-R FROM AIRCRAFT		
			N761Y2, T210M S/N 21062637		
			FOR OVERHAUL. LAST O/H WAS		
			10.5.94 TACH 2923.1. CURRENT		
			TACHOMETER READING IS 4655.2.		
			THIS TACHOMETER HAS NOT BEEN		
			REPLACED SINCE. TIME BETWEEN		
			OVERHAUL'S IS 1732.1		
			Page Total		
			Brought Forward		
			Total to Date		

All Repair Data Must Bear the Endorsement of a
Certificated Mechanic, and his Rating and
Certificate Number MUST be Shown.

WORK ORDER FORM 100

22843

PENN YAN AERO

2499 Bath Road

Penn Yan, New York 14527

FAA ID NO. Y2GR396Y

WORK ORDER #22843-07

Dept #71

Page NO. 1

31-36-2333

Customer TOW01 / TOWER AVIATION INC.

Cust RO#

Step FINISHED CYLINDER

Location CYL

Warranty Code 00 / 0

Work Req BENCH CHECK

Goodthru AD# 07-06

P/N TSIO-520-R-CYL / TSIO-520-R-CYL

S/N 526-B07-4506

Mfg SUP01

Reason/Rm

Manual#

Rev. / /

Rev#

ATA NO.:

Date Reqrd / /

Date Estmtd / /

PRELIMINARY INSPECTION:

DATE: 03/23/2007

INSPECTOR: HAROLD C.

Labor 1.00 hr

New cylinder kit SA52006-A22P

Wo#22682-07

PRE TEST (Yes/No) N

DATE: / /

INSPECTOR:

Not required

HIDDEN DAMAGE:

1 damage

TEARDOWN FINDINGS:

TECHNICIAN:

DATE: / /

INSPECTOR:

FINAL INSPECTION BEFORE ASSEMBLY:

DATE: / /

INSPECTOR:

CORRECTIVE ACTION:

New superior cylinder kit SA52006-A22P, gapped rings and installed on piston. All work was done in accordance with data approved by or acceptable to the faa.

TECHNICIAN: MIKE W.

DATE: 03/23/2007

INSPECTOR: HAROLD C.

MODIFICATION/SERVICE BULLETINES:

Test Data Used:

Test Technician:

DATE: / /

Inspector:

DATE: / /

PENN YAN AERO
2499 Bath Road
Penn Yan, New York 14527

WORK ORDER FORM 100

22843

FAA ID NO. Y2GR396Y

WORK ORDER #22843-07

315-36-2333

Dept #71

Page NO. 2

Customer TOW01 / TOWER AVIATION INC.

Cust RO#

Step FINISHED CYLINDER

Location CYL

Work Req BENCH CHECK

Warranty Code 00 / 0

Goodthru AD# 07-06

P/N TSIO-520-R-CYL / TSIO-520-R-CYL

S/N 526-B07-4506

Mfg SUP01

Final Inspection: HAROLD C.

DATE: 03/23/2007

Technician: MIKE W.

DATE: 03/23/2007

Inspector:

DATE: / /

ADDITIONAL COMMENTS:

(1)

(2)

MAINTENANCE RELEASE RECORD

THE COMPONENT IDENTIFIED ABOVE WAS AND INSPECTED IN ACCORDANCE WITH THE CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION, AND IS APPROVED FOR RETURN TO SERVICE. OTHER PERTINENT DETAILS THE REPAIR ARE ON FILE AT THIS REPAIR STATION.

Approved return to Service By HAROLD COURTNEY  Date Mar 26, 2007

WOPSTM

WORK ORDER FORM 100

22844

PENN YAN AERO

2499 Bath Road

Penn Yan, New York 14527

FAA ID NO. Y2GR396Y

WORK ORDER #22844-07

Dept #71

Page NO. 1

Customer TOW01 / TOWER AVIATION INC.

Cust RO#

Step FINISHED CYLINDER

Location CYL

Warranty Code 00 / 0

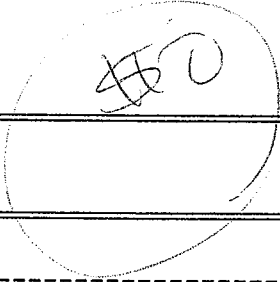
Work Req BENCH CHECK

Goodthru AD# 07-06

P/N TSIO-520-R-CYL / TSIO-520-R-CYL

S/N 526-B07-4508

Mfg SUP01

Reason/Rm	Manual#	Rev. / /	Rev#
ATA NO.:			
Date Reqr'd / /			
Date Estmtd / /			
PRELIMINARY INSPECTION: Labor 1.00 hr New cylinder kit SA52006-A22P Wo#22682-07			
PRE TEST (Yes/No) N Not required		DATE: / / INSPECTOR:	
			
HIDDEN DAMAGE: 1 damage			
TEARDOWN FINDINGS: ----- ----- ----- ----- ----- ----- -----			
TECHNICIAN:		DATE: / / INSPECTOR:	
FINAL INSPECTION BEFORE ASSEMBLY:		DATE: / / INSPECTOR:	
CORRECTIVE ACTION: New superior cylinder kit SA52006-A22P, gapped rings and installed on piston. All work was done in accordance with data approved by or acceptable to the faa. TECHNICIAN: MIKE W. DATE: 03/23/2007 INSPECTOR: HAROLD C.			
MODIFICATION/SERVICE BULLETINES: ----- -----			
Test Data Used: Test Technician: DATE: / / Inspector: DATE: / /			

PENN YAN AERO
2499 Bath Road
Penn Yan, New York 14527

WORK ORDER FORM 100

22844

FAA ID NO. Y2GR396Y

WORK ORDER #22844-07

317-36-2333

Dept #71

Page NO. 2

Customer TOW01 / TOWER AVIATION INC.

Cust RO#

Step FINISHED CYLINDER

Location CYL

Warranty Code 00 / 0

Work Req BENCH CHECK

Goodthru AD# 07-06

P/N TSIO-520-R-CYL / TSIO-520-R-CYL

S/N 526-B07-4508

Mfg SUP01

Final Inspection: HAROLD C.

DATE: 03/23/2007

Technician: MIKE W.

DATE: 03/23/2007

Inspector:

DATE: / /

ADDITIONAL COMMENTS:

(1)

(2)

MAINTENANCE RELEASE RECORD

THE COMPONENT IDENTIFIED ABOVE WAS AND INSPECTED IN ACCORDANCE WITH THE CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION, AND IS APPROVED FOR RETURN TO SERVICE. OTHER PERTINENT DETAILS THE REPAIR ARE ON FILE AT THIS REPAIR STATION.

Approved return to Service By HAROLD COURTNEY  Date Mar 26, 2007

WOPSTM

WORK ORDER FORM 100

22845

PENN YAN AERO

2499 Bath Road

Penn Yan, New York 14527

FAA ID NO. Y2GR396Y

WORK ORDER #22845-07

315536-2333

Dept #71

Page NO. 1

Customer TOW01 / TOWER AVIATION INC.

Location CYL

Cust RO#

Step FINISHED CYLINDER

Warranty Code 00 / 0

Work Req BENCH CHECK

Goodthru AD# 07-06

P/N TSIO-520-R-CYL / TSIO-520-R-CYL

S/N 526-B07-4495

Mfg SUP01

Reason/Rm	Manual#	Rev. / /	Rev#
ATA NO.:			
Date Reqr'd / /			
Date Estmtd / /			
PRELIMINARY INSPECTION:			
Labor 1.00 hr		DATE: 03/23/2007	
New cylinder kit SA52006-A22P		INSPECTOR: HAROLD C.	
Wo#22682-07			
PRE TEST (Yes/No) N			
Not required		DATE: / /	
		INSPECTOR:	
HIDDEN DAMAGE:			
damage			
TEARDOWN FINDINGS:			

TECHNICIAN:			
DATE: / /		INSPECTOR:	
FINAL INSPECTION BEFORE ASSEMBLY:			
DATE: / /		INSPECTOR:	
CORRECTIVE ACTION:			
New superior cylinder kit SA52006-A22P, gapped rings and installed on piston. All work was done in accordance with data approved by or acceptable to the faa.			
TECHNICIAN: MIKE W.		DATE: 03/23/2007	
		INSPECTOR: HAROLD C.	
MODIFICATION/SERVICE BULLETINES:			

Test Data Used:			
Test Technician:		DATE: / /	
Inspector:		DATE: / /	

PENN YAN AERO
2499 Bath Road
Penn Yan, New York 14527

WORK ORDER FORM 100

22845

FAA ID NO. Y2GR396Y

WORK ORDER #22845-07

Dept #71

Page NO. 2

Location CYL

Warranty Code 00 / 0

Goodthru AD# 07-06

315/536-2333

Customer TOW01 / TOWER AVIATION INC.

Cust RO#

Step FINISHED CYLINDER

Work Req BENCH CHECK

P/N TSIO-520-R-CYL / TSIO-520-R-CYL

S/N 526-B07-4495

Mfg SUP01

Final Inspection: HAROLD C.

DATE: 03/23/2007

Technician: MIKE W.

DATE: 03/23/2007

Inspector:

DATE: / /

ADDITIONAL COMMENTS:

(1)

(2)

MAINTENANCE RELEASE RECORD

THE COMPONENT IDENTIFIED ABOVE WAS AND INSPECTED IN ACCORDANCE WITH THE CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION, AND IS APPROVED FOR RETURN TO SERVICE. OTHER PERTINENT DETAILS THE REPAIR ARE ON FILE AT THIS REPAIR STATION.

Approved return to Service By HAROLD COURTNEY

Date Mar 26, 2007

WOPSTM

WORK ORDER FORM 100

22846

PENN YAN AERO

2499 Bath Road

Penn Yan, New York 14527

FAA ID NO. Y2GR396Y

WORK ORDER #22846-07

317-36-2333

Dept #71

Page NO.

1

Customer TOW01 / TOWER AVIATION INC.

Location CYL

Cust RO#

Step FINISHED CYLINDER

Warranty Code 00 / 0

Work Req BENCH CHECK

Goodthru AD# 07-06

P/N TSIO-520-R-CYL / TSIO-520-R-CYL

S/N 526-B07-4507

Mfg SUP01

Reason/Rm	Manual#	Rev. / /	Rev#
ATA NO.:			
Date Reqrd / /			
Date Estmtd / /			
PRELIMINARY INSPECTION:			
Labor 1.00 hr		DATE: 03/23/2007	
New cylinder kit SA52006-A22P		INSPECTOR: HAROLD C.	
Wo#22682-07			
PRE TEST (Yes/No) N			
Not required		DATE: / /	
		INSPECTOR:	
HIDDEN DAMAGE:			
1 damage			
TEARDOWN FINDINGS:			

TECHNICIAN:			
DATE: / /		INSPECTOR:	
FINAL INSPECTION BEFORE ASSEMBLY:			
DATE: / /		INSPECTOR:	
CORRECTIVE ACTION:			
New superior cylinder kit SA52006-A22P, gapped rings and installed on piston. All work was done in accordance with data approved by or acceptable to the faa.			
TECHNICIAN: MIKE W.		DATE: 03/23/2007	
		INSPECTOR: HAROLD C.	
MODIFICATION/SERVICE BULLETINES:			

Test Data Used:			
Test Technician:		DATE: / /	
Inspector:		DATE: / /	

PENN YAN AERO
2499 Bath Road
Penn Yan, New York 14527

WORK ORDER FORM 100

22846

FAA ID NO. Y2GR396Y

WORK ORDER #22846-07

317-36-2333

Dept #71

Page NO. 2

Customer TOW01 / TOWER AVIATION INC.

Cust RO#

Step FINISHED CYLINDER

Location CYL

Work Req BENCH CHECK

Warranty Code 00 / 0

Goodthru AD# 07-06

P/N TSIO-520-R-CYL / TSIO-520-R-CYL

S/N 526-B07-4507

Mfg SUP01

Final Inspection: HAROLD C.

DATE: 03/23/2007

Technician: MIKE W.

DATE: 03/23/2007

Inspector:

DATE: / /

ADDITIONAL COMMENTS:

(1)

(2)

MAINTENANCE RELEASE RECORD

THE COMPONENT IDENTIFIED ABOVE WAS AND INSPECTED IN ACCORDANCE WITH THE CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION, AND IS APPROVED FOR RETURN TO SERVICE. OTHER PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION.

Approved return to Service By HAROLD COURTNEY

Date Mar 26, 2007

WOPSTM

PENN YAN AERO
2499 Bath Road
Penn Yan, New York 14527

WORK ORDER FORM 100

22847

FAA ID NO. Y2GR396Y

WORK ORDER #22847-07

31536-2333

Dept #71

Page NO. 1

Customer TOW01 / TOWER AVIATION INC.

Location CYL

Cust RO#

Step FINISHED CYLINDER

Warranty Code 00 / 0

Work Req BENCH CHECK

Goodthru AD# 07-06

P/N TSIO-520-R-CYL / TSIO-520-R-CYL

S/N 526-B07-4496

Mfg SUP01

Reason/Rm	Manual#	Rev. / /	Rev#
Date Reqrd / /	ATA NO.:		
Date Estmtd / /			

PRELIMINARY INSPECTION:

DATE: 03/23/2007

INSPECTOR: HAROLD C.

Labor 1.00 hr

New cylinder kit SA52006-A22P

Wo#22682-07

PRE TEST (Yes/No) N

DATE: / /

INSPECTOR:

Not required

HIDDEN DAMAGE:

1 damage

TEARDOWN FINDINGS:

TECHNICIAN:

DATE: / /

INSPECTOR:

FINAL INSPECTION BEFORE ASSEMBLY:

DATE: / /

INSPECTOR:

CORRECTIVE ACTION:

New superior cylinder kit SA52006-A22P, gapped rings and installed on piston. All work was done in accordance with data approved by or acceptable to the faa.

TECHNICIAN: MIKE W.

DATE: 03/23/2007

INSPECTOR: HAROLD C.

MODIFICATION/SERVICE BULLETINES:

Test Data Used:

Test Technician:

DATE: / /

Inspector:

DATE: / /

PENN YAN AERO
2499 Bath Road
Penn Yan, New York 14527

WORK ORDER FORM 100

22847

FAA ID NO. Y2GR396Y

WORK ORDER #22847-07

Dept #71

Page NO. 2

Location CYL

Warranty Code 00 / 0

Goodthru AD# 07-06

31-536-2333

Customer TOW01 / TOWER AVIATION INC.

Cust RO#

Step FINISHED CYLINDER

Work Req BENCH CHECK

P/N TSIO-520-R-CYL / TSIO-520-R-CYL

S/N 526-B07-4496

Mfg SUP01

Final Inspection: HAROLD C.

DATE: 03/23/2007

Technician: MIKE W.

DATE: 03/23/2007

Inspector:

DATE: / /

ADDITIONAL COMMENTS:

(1)

(2)

MAINTENANCE RELEASE RECORD

THE COMPONENT IDENTIFIED ABOVE WAS AND INSPECTED IN ACCORDANCE WITH THE CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION, AND IS APPROVED FOR RETURN TO SERVICE. OTHER PERTINENT DETAILS THE REPAIR ARE ON FILE AT THIS REPAIR STATION.

Approved return to Service By HAROLD COURTNEY, [Signature] Date Mar 26, 2007

WOPSTM

PENN YAN AERO
2499 Bath Road
Penn Yan, New York 14527

WORK ORDER FORM 100

22848

FAA ID NO. Y2GR396Y

WORK ORDER #22848-07

315-536-2333

Dept #71

Page NO. 1

Customer TOW01 / TOWER AVIATION INC.

Location CYL

Cust RO#

Step FINISHED CYLINDER

Warranty Code 00 / 0

Work Req BENCH CHECK

Goodthru AD# 07-06

P/N TSIO-520-R-CYL / TSIO-520-R-CYL

S/N 526-B07-4501

Mfg SUP01

Reason/Rm	Manual#	Rev. / /	Rev#
ATA NO.:			
Date Reqrd / /			
Date Estmtd / /			
PRELIMINARY INSPECTION:			
Labor 1.00 hr		DATE: 03/23/2007	
New cylinder kit SA52006-A22P		INSPECTOR: HAROLD C.	
Wo#22682-07			
PRE TEST (Yes/No) N			
Not required		DATE: / /	
		INSPECTOR:	
HIDDEN DAMAGE:			
: lamage			
TEARDOWN FINDINGS:			

TECHNICIAN:			
DATE: / /		INSPECTOR:	
FINAL INSPECTION BEFORE ASSEMBLY:			
DATE: / /		INSPECTOR:	
CORRECTIVE ACTION:			
New superior cylinder kit SA52006-A22P, gapped rings and installed on piston. All work was done in accordance with data approved by or acceptable to the faa.			
TECHNICIAN: MIKE W.		DATE: 03/23/2007	
		INSPECTOR: HAROLD C.	
MODIFICATION/SERVICE BULLETINES:			

Test Data Used:			
Test Technician:		DATE: / /	
Inspector:		DATE: / /	

PENN YAN AERO
2499 Bath Road
Penn Yan, New York 14527

315/536-2333

Customer TOW01 / TOWER AVIATION INC.

Cust RO#

Step FINISHED CYLINDER

Work Req BENCH CHECK

P/N TSIO-520-R-CYL / TSIO-520-R-CYL

S/N 526-B07-4501

Mfg SUP01

WORK ORDER FORM 100

22848

FAA ID NO. Y2GR396Y

WORK ORDER #22848-07

Dept #71

Page NO. 2

Location CYL

Warranty Code 00 / 0

Goodthru AD# 07-06

Final Inspection:HAROLD C.

DATE: 03/23/2007

Technician: MIKE W.

DATE: 03/23/2007

Inspector:

DATE: / /

ADDITIONAL COMMENTS:

(1)

(2)

MAINTENANCE RELEASE RECORD

THE COMPONENT IDENTIFIED ABOVE WAS AND INSPECTED IN ACCORDANCE WITH THE CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION, AND IS APPROVED FOR RETURN TO SERVICE. OTHER PERTINENT DETAILS THE REPAIR ARE ON FILE AT THIS REPAIR STATION.

Approved return to Service By HAROLD COURTNEY  Date Mar 26,2007

WOPSTM

PENN YAN AERO

2499 Bath Road

Penn Yan, New York 14527

315/536-2333

Customer HIC02 / DAVID HICKS

Cust RO#

Work Req IRAN

P/N 643259A8R / ADAPTER

WORK ORDER FORM 100



FAA ID NO. Y2GR396Y

WORK ORDER #22391-07

Dept #ELEC Page NO. 1

Location ELEC

Warranty Code 00 / 0

Goodthru AD# 07-02

Step ADJUSTED PRICE. AWAIT

S/N 2781

Mfg PEN02

Reason/Rm	Manual#	Rev. / /	Rev#
Date Reqr'd / /	ATA NO.:		
Date Estmtd / /			
PRELIMINARY INSPECTION:		DATE: 01/29/2007	INSPECTOR: RHAYES
NO SHIPPING DAMAGE			
ENGINE WO# 22287-07			
PRE TEST (Yes/No) N		DATE: / /	INSPECTOR:
NOT REQUILRED			
HIDDEN DAMAGE:			
NO HIDDEN DAMAGE			
TEARDOWN FINDINGS:			
NORMAL RUNOUT CORE			
TECHNICIAN: RHAYES		DATE: 02/05/2007	INSPECTOR: THANSEN
FINAL INSPECTION BEFORE ASSEMBLY:		DATE: 02/05/2007	INSPECTOR: THANSEN
CORRECTIVE ACTION:			
This starter adapter has been overhauled to manufacturer's new part limits and tolerances where applicable. It has been disassembled, cleaned, inspected, repaired, reassembled, and tested in accordance with data approved by or acceptable to the FAA.			
*Work performed in block 12 was done in			
*accordance with data approved by or			
*acceptable to the FAA. Details on file			
*under WO# in block 5.			
TECHNICIAN: RHAYES		DATE: 02/05/2007	INSPECTOR: THANSEN
MODIFICATION/SERVICE BULLETINES:			
NO AD'S APPLICABLE AT THIS TIME.			
Test Data Used:			
Test Technician: RHAYES		DATE: 02/05/2007	
Inspector: THANSEN		DATE: 02/05/2007	
Final Inspection: THANSEN		DATE: 02/05/2007	
Technician:		DATE: / /	



PENN YAN AERO

2499 Bath Road

Penn Yan, New York 14527

315/536-2333

Customer HIC02 / DAVID HICKS

Cust RO#

Work Req IRAN

P/N 643259A8R / ADAPTER

WORK ORDER FORM 100



FAA ID NO. Y2GR396Y

WORK ORDER #22391-07

Dept #ELEC Page NO. 2

Location ELEC

Warranty Code 00 / 0

Goodthru AD# 07-02

Step ADJUSTED PRICE. AWAIT

S/N 2781

Mfg PEN02

Inspector:

DATE: / /

ADDITIONAL COMMENTS:

(1)

(2)

PARTS DETAIL:

Line#	PART NUMBER	DESCRIPTION	CD	Qty	Serial Number
1	534685	BEARING	NE	1.00	
2	534938	OIL SEAL (5)	NE	1.00	
3	534980	SLEEVE	NE	1.00	
4	537750	SCREW	NE	2.00	
5	643109	SPRING	NE	1.00	
6	653750	GASKET *	NE	1.00	
7	MS29561-012	O RING/AKA AN123862	NE	1.00	
8	MS35756-8	WOODRUFF KEY (12)	NE	1.00	
9	SA501867	LOCKPLATE	NE	1.00	
10	SA502287	RING	NE	1.00	
11	SA534715	RING	NE	1.00	
12	SA641368	BUSHING	NE	1.00	
13	X13041	BEARING	NE	1.00	


MAINTENANCE RELEASE RECORD

THE COMPONENT IDENTIFIED ABOVE WAS OVERHAULED AND INSPECTED IN ACCORDANCE WITH THE CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION, AND IS APPROVED FOR RETURN TO SERVICE. OTHER PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION.

Approved return to Service By TIMOTHY HANSEN [REDACTED] Date Feb 05, 2007

WOPSTM




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: 8708	
4. Organization Name and Address: PENN YAN AERO 2499 Bath Road, Penn Yan, New York 14527, 315/536-2333					5. Work Order/Contract/Invoice Number: 22391 /		
6. Item:	7. Description:	8. Part Number:	9. Eligibility:*	10. Quantity	11. Serial/Batch No.	12. Status/Work:	
1	ADAPTER	643259A8R	TBV by Installer	1	2781	Overhauled	
13. Remarks: *Work performed in block 12 was done in *accordance with data approved by or *acceptable to the FAA. Details on file *under WO# in block 5.							
14. Certifies the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 13.			19. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> 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.				
15. Authorized Signature:		16. Approval/Authorization No.:		20. Authorized Signature: 		21. Approval/Certificate No.: Y2GR396Y	
17. Name (Typed or Printed)		18. Date (m/d/y):		22. Name: (Typed or Printed) TIMOTHY HANSEN		23. Date (m/d/y): Feb 05, 2007	

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 block 14 and 19 do not constitute installation certification. In all cases aircraft maintenance records must contain an installation certification issued in accordance with national regulations by the user/installer before the aircraft may be flown.


1. Approving National Aviation Authority/Country: FAA/United States		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG				3. Form Tracking Number: 10118-91517	
4. Organization Name and Address: Aircraft Engine & Accessory Co., Inc., 2275 Crown Road, Dallas, TX 75229 (UI1R533K)						5. Work Order/Contract/Invoice Number: 144995	
6. Item:	7. Description:	8. Part Number:	9. Eligibility: *	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:	
each	crankshaft	631716	TSIO-520	1	B012M1	overhauled	
13. Remarks When required, compliance to ADs and/or service bulletins will be indicated on attached work order(s)							
14. Certifies that the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non approved design data specified in Block 13.				19. 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. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation as specified in Block 13.			
15. Authorized Signature		16. Approval/Authorization No.		20. Authorized Signature		21. Certificate Number:	
						UI1R533K	
17. Name (Typed or Printed):		18. Date (m/d/y):		22. Name (Typed or Printed):		23. Date (m/d/y):	
				Paul E. Skelton, Sr.		4/2/07	

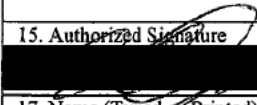

User/Installer Responsibilities

It is important to understand 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 block 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.

1. Approving National Aviation Authority/Country: FAA/United States		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG				3. Form Tracking Number: 10118-91399	
4. Organization Name and Address: Aircraft Engine & Accessory Co., Inc., 2275 Crown Road, Dallas, TX 75229 (UI1R533K)						5. Work Order/Contract/Invoice Number: 136767	
6. Item:	7. Description:	8. Part Number:	9. Eligibility:	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:	
each	camshaft	535661	520	1	136767	overhauled	
13. Remarks Compliance or Non Compliance to Ads and/or service bulletins will be indicated on attached work order(s) Certifies that the work specified in Blocks 12 and 13 was carried out in accordance with EASA Part 145 Approval Number EASA.145.5697.							
14. Certifies that the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 13				19. 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. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation as specified in Block 13.			
15. Authorized Signature:		16. Approval/Authorization No.:		20. Authorized Signature 		21. Certificate Number: UI1R533K	
17. Name (Typed or Printed):		18. Date (m/d/y):		22. Name (Typed or Printed): Paul E. Skelton		23. 2/11/07	
<h3 style="text-align: center;">User/Installer Responsibilities</h3> <p>It is important to understand the existence of this document alone does not automatically constitute authority to install the part/component/assembly.</p> <p>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.</p> <p>Statements in block 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.</p>							

1. Approving Nation Aviation Authority/Country FAA/United States		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3 AIRWORTHINESS APPROVAL TAG				3. Form Tracking Number 4C3-120703
4. Organization Name and Address <div style="text-align: center;"> Sky-Tec Inc. 350 Howard clemmons Rd. Granbury, Texas 76048 (PQ0852SW) </div>					5. Work Order/Contract/ Invoice Number 4C3-120703	
6. Item	7. Description	8. Part Number	9. Eligibility*	10. Quantity	11. Serial/Batch Number	12. Status/Work
1	STARTER	C24ST3	N/A	1	4C3-120703	NEW
13. Remarks AIR WORTHYNESS APPROVAL. DIRECT SHIP AUTHORIZATION						
14. Certifies the items above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in a condition for safe operation <input type="checkbox"/> Non-approved design and specified in Block 13.						
15. Authorized Signature 		16. Approval/Authorization No. 				
17. Name (Typed or Printed) Eugene Chiappe		18. Date (m/d/y) March 30, 2007				
User/Installer Responsibilities						
It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/assembly. Where the user/installer 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 part/components/assemblies from the Airworthiness authority of the country specified in Block 1. Statements in Block 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the nation regulations by th the user/installer before the aircraft may be flown.						

FAA Form 8130-3 (6-01) Computer Generated

* Installer must cross check eligibility with applicable technical data


MSN: 0952-00-012-9005

-----CUT HERE-----

WEIGHT AND BALANCE/EQUIPMENT LIST REVISION					
NAME: AIRCRAFT MAKE/TYPE: REGISTRATION #:			DATE: MODEL #: SERIAL #:		
PREVIOUS DATE:		WEIGHT:		ARM:	
MOMENT:					
EQUIPMENT LIST		IN	OUT	WEIGHT	MOMENT
1	(P/N) (S/N) (Desc.) SKY-TEC STARTER	X			
2					
3					
4					
<div style="display: flex; justify-content: space-between;"> <div> AIRCRAFT EMPTY WEIGHT: _____ ARM: _____ MOMENT: _____ GROSS WEIGHT: _____ USEFUL LOAD: _____ </div> <div> SIGNATURE _____ AUTHORIZATION _____ </div> </div>					
NOTE: Weight and balance must be completed and attached to pilot's operating handbook.					

Sky-Tec Serial #'s
Beginning w/**Lycoming**
 FN = 9.4 lbs.
 FNR = 9.4 lbs.
 CN = 9.4 lbs.
 F(x)L = 7.8 lbs.
 C(x)L = 7.8 lbs.
 F(x)P = 7.8 lbs.
 C(x)P = 7.8 lbs.
 F(x)M = 8.4 lbs.
 C(x)M = 8.4 lbs.
 F(x)H = 10.2 lbs.
 C(x)H = 10.2 lbs.
CONTINENTAL
 2C = 9.2 lbs.
 (x)C3 = 6.5 lbs.
FRANKLIN

F(x)ST1 = 8.1 lbs.

1. Approving National Aviation Authority/Country FAA / United States		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3 AIRWORTHINESS APPROVAL TAG		3. Form Tracking Number: AS-148302	
4. Organization AIRCRAFT SPECIALTIES SERVICES, INC. 2860 NORTH SHERIDAN ROAD TULSA, OK 74115 FAA REPAIR STATION NO. DD2R764K				5. Work Order/Contract/Invoice Number: 148302	
6. Item:	7. Description:	8. Part Number:	9. Eligibility:	10. Quantity:	11. Serial/Batch No.
1.	CONT. CONNECTING RODS	I0520 RODS	N/A	6	S148302-1
12. Status/Work Overhauled					
13. Remarks RODS- MAGNAFLUXED, REBUSHED AND INSP. IN ACC. W/O/H MANUAL &/OR A.S.S. APPVL					
14. Certifies the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 13.			19. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> 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.		
15. Authorized Signature		16. Approval/Authorization No.:		20. Authorized Signature: 	
17. Name (Typed or Printed)		18. Date (m/d/y):		21. Approval/Certificate No. DD2R764K	
17. Name (Typed or Printed)		18. Date (m/d/y):		22. Name (Typed or Printed): Harold Lehman	
17. Name (Typed or Printed)		18. Date (m/d/y):		23. Date (m/d/y): 08/19/2005	
User/Installer Responsibilities					
<p>It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly.</p> <p>Where the user/installer 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.</p> <p>Statements in Block 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.</p>					

1. Approving National Aviation Authority/Country FAA/United States		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG				3. Form Tracking Number: Invoice# 29440	
4. Organization Name and Address: Main Turbo Systems, Inc. 234 Cotta Court Visalia, Ca. 93292 U.S.A.				FAA Approved Repair Station No. MAMR190K (800-847-8815) (559-635-3322)		5. Work Order/Contract/Invoice Number: W/O# 35751	
6. Item:	7. Description:	8. Part Number:	9. Eligibility: *	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:	
1	AIRESEARCH TURBOCHARGER	406610-9005	Various	1	LKR0184	Overhauled	
13. Remarks: 1. This unit overhauled in accordance with latest manufacturers manual. 2. All service bulletins and A.D. notes complied with. 3. No other.							
14. Certifies the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 13.				19. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> 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.			
15. Authorized Signature:		16. Approval/Authorization No.:		20. Auth:		21. Approval/Certificate No.: MAMR190K	
17. Name (typed or Printed):		18. Date (m/d/y):		22. Name (Typed or Printed): GARY MAIN		23. Date (m/d/y): 1/5/2007	
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 block 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.							

1. Approving National Aviation Authority/Country FAA/United States		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG				3. Form Tracking Number: Invoice#29686	
4. Organization Name and Address: Main Turbo Systems, Inc. 234 Cotta Court Visalia, Ca. 93292 U.S.A.				FAA Approved Repair Station No. MAMR190K (800-847-8815) (559-635-3322)		5. Work Order/Contract/Invoice Number: W/O#36137	

6. Item:	7. Description:	8. Part Number:	9. Eligibility: *	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:
1	AIRESEARCH CONTROLLER	470688-7	Various	1	FGO182	Overhauled

13. Remarks:
 1. This unit overhauled in accordance with latest manufactures manual.
 2. All service bulletins and A.D. notes complied with.
 3. no other.

14. Certifies the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 13.	19. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> 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.
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15. Authorized Signature: 	16. Approval/Authorization No.: 	20. Authorized Signature: 	21. Approval/Certificate No.: MAMR190K
17. Name (typed or Printed): 	18. Date (m/d/y): 	22. Name (Typed or Printed): Gary Main	23. Date (m/d/y): Mar/27/2007

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 block 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.

1. Approving National Aviation Authority/Country FAA/United States		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG				3. Form Tracking Number: Invoice#29686	
4. Organization Name and Address: Main Turbo Systems, Inc. 234 Cotta Court Visalia, Ca. 93292 U.S.A.				FAA Approved Repair Station No. MAMR190K (800-847-8815) (559-635-3322)		5. Work Order/Contract/Invoice Number: W/O#36138	

6. Item:	7. Description:	8. Part Number:	9. Eligibility:	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:
1	AIRESEARCH PRESSURE RELIEF VALVE	470944-12	Various	1	HCO162	Overhauled

13. Remarks:
1. This unit overhauled in accordance with latest manufactures manual.
2. All service bulletins and A.D. notes complied with.
3. no other.

14. Certifies the Items Identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 13.		19. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> 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.	
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15. Authorized Signature: 	16. Approval/Authorization No.: 	20. Authorized Signature: 	21. Approval/Certificate No.: MAMR190K
17. Name (typed or Printed): 	18. Date (m/d/y): 	22. Name (Typed or Printed): Gary Main	23. Date (m/d/y): Mar/27/2007

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 block 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.

1. Approving National Aviation Authority/Country FAA/United States		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG				3. Form Tracking Number: Invoice#29686			
4. Organization Name and Address: Main Turbo Systems, Inc. 234 Cotta Court Visalia, Ca. 93292 U.S.A.					FAA Approved Repair Station No. MAMR190K (800-847-8815) (559-635-3322)			5. Work Order/Contract/Invoice Number: W/O#36136	

6. Item:	7. Description:	8. Part Number:	9. Eligibility: *	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:
1	GARRETT WASTEGATE	470908-9011	Various	1	YJO28326	Overhauled

13. Remarks:
 1. This unit overhauled in accordance with latest manufactures manual.
 2. All service bulletins and A.D. notes complied with.
 3. no other.

14. Certifies the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 13.	19. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> 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.
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15. Authorized Signature:	16. Approval/Authorization No.:	20. Authorized Signature: 	21. Approval/Certificate No.: MAMR190K
17. Name (typed or Printed):	18. Date (m/d/y):	22. Name (Typed or Printed): Gary Main	23. Date (m/d/y): Mar/27/2007

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 block 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.