PENN YAN AERO

2499 Bath Road Penn Yan, New York 14527

Work Req CUSTOM

FAA ID NO. Y2GR396Y WORK ORDER #22682-07

Customer TOW01 / TOWER AVIATION INC.

Dept #ENG Page NO.

315/536-2333

Location ENG

Cust RO#

Step ADJUSTED PRICE. AWAIT

Warranty Code 00 / 0

Goodthru AD# 07-08

TSIO-520-R / ENGINE

S/N 269562-R

Mfg TEX01

/ / Reason/Rm MOHC Manual# ATA NO.: Date Regrd 04/05/2007 Date Estmtd / / INSPECTOR: T.HANSEN PRELIMINARY INSPECTION: DATE: 03/01/2007 No shipping damage. INSPECTOR: PRE TEST (Yes/No) N DATE: / / Not required. HIDDEN DAMAGE: No hidden damage. TEARDOWN FINDINGS: Normal runout engine core. No abnormal wear or damage noted. DATE: 03/08/2007 INSPECTOR: T.HANSEN TECHNICIAN: J.HINES INSPECTOR: T.HANSEN DATE: 03/21/2007 FINAL INSPECTION BEFORE ASSEMBLY:

#### CORRECTIVE ACTION:

This engine has been overhauled to manufacturer's new part limits and tolerances where app licable. It has been disassembled, cleaned, inspected, repaired, and reassembled in accor dance with data approved by or acceptable to the FAA. This engine has been dynamic balance ed in accordance with FAA Approved Process Specification AMP-4302. Test cell run was sati sfactory 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 seperate 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:

Labor Task Control#

PENN YAN AERO

2499 Bath Road

Penn Yan, New York 14527

FAA ID NO. **Y2GR396Y** 

WORK ORDER #22682-07

Dept #ENG

Page NO.

Location ENG

Warranty Code 00 / 0

Goodthru AD# 07-08

Customer TOW01 / TOWER AVIATION INC.

Cust RO#

P/N

315/536-2333

Step ADJUSTED PRICE. AWAIT

Mfg TEX01 S/N 269562-R

ADDITIONAL COMMENTS:

TSIO-520-R / ENGINE

Work Req CUSTOM

(1)					
(2)					
DADTE	DETAIL:				
	PART NUMBER	DESCRIPTION	CD	Qty	Serial Number
	=======================================		==	~-,	===========
	1250816-2	GASKET	NE	1.00	
	1250818-200	SUPPORT	NE	1.00	·
	1250818-201	SUPPORT	NE	1.00	
4	1250824-1	BOLT	NE	1.00	
5	406610-9005	TURBOCHARGER	ОН	1.00	LKR0184
6	470688-9007	CONTROLLER, DIFF PRESS	ОН	1.00	FG0182
7	470908-9011	WASTEGATE	ОН	1.00	YJ028326
8	470944-9012	OVERBOOST VALVE	ОН	1.00	HC0162
9	535661R-O	CAM, 6 CYL(OUTRIGHT)	ОН	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	ОН	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	ОН	6.00	
33	649054A16R	FUEL INJ ASM	NE	1.00	10016183
Printed	May 13:35:54 PY	AS00601	Lab	on Toals (	'ontrol#

Labor Task Control#

PENN YAN AERO 2499 Bath Road

**Work Req CUSTOM** 

Penn Yan, New York 14527

FAA ID NO. Y2GR396Y

WORK ORDER #22682-07

315/536-2333

Dept #ENG

3

Customer TOW01 / TOWER AVIATION INC.

Step ADJUSTED PRICE. AWAIT

Warranty Code 00 / 0

Goodthru AD# 07-08

Location ENG

Page NO.

TSIO-520-R / ENGINE D/N

S/N 269562-R

Mfg TEX01

P/N	1	TSIO-520-R / ENGINE	S/I	N 269562-1	Κ	Mfg IEXUI	
	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		ĺ
	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 SKYTE	C 24 NE	1.00	4C3-120703	
	51	CCT520TSIO-ECI	CRANKCASE ECI	OH	1.00	871726S	
	52	ES48108	OIL FILTER	NE	1.00		
1	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		ĺ
	60	MS21045L3	NUT	NE	28.00		
	61	MS29512-04	O-RING	NE	2.00		
	62	MS29512-06	O RING (10)	NE	4.00		
		MS29512-08	O RING (10)	NE	1.00		
		MS35756-6	KEY	NE	1.00		
		MS35756-8	WOODRUFF KEY	NE	1.00		
	66	NAS6206-6	BOLT	NE	6.00		
		S1604-4	NUT	NE	8.00		
		3 S1604-6	NUT	NE	4.00		
		S1921-1	TURBO CLAMP	NE	1.00		
		SA531001	NUT	NE	48.00		
		L SA535666	SCREW *	NE	4.00		
1	72	2 SA535823	GASKET	NE	1.00		1



PENN YAN AERO 2499 Bath Road

Penn Yan, New York 14527

FAA ID NO. **Y2GR396Y** 

WORK ORDER #22682-07

Dept #ENG

Page NO.

Location ENG

Customer TOW01 / TOWER AVIATION INC.

Cust RO#

315/536-2333

Step ADJUSTED PRICE. AWAIT

Warranty Code 00 / 0

Goodthru AD# 07-08

TOTO 520 D / ENCINE

Work Req CUSTOM

C/NI 260562 D

Mfg TEX01

P/N	T	SIO-520-R / ENGINE		S/N 26	9562-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 I	DAMPNE	R 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 CA	AST	NE	1.00	526B074495	
	96	SA52006-A22P	CYL ASSY 520 STD CA	AST	NE	1.00	526B074496	
	97	SA52006-A22P	CYL ASSY 520 STD C	AST	NE	1.00	526B074501	
	98	SA52006-A22P	CYL ASSY 520 STD CA	AST	NE	1.00	526B074506	
	99	SA52006-A22P	CYL ASSY 520 STD CA	AST	NE	1.00	526B074507	
	100	SA52006-A22P	CYL ASSY 520 STD CA	AST	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.



PENN YAN AERO

2499 Bath Road

315/536-2333

Cust RO#

Penn Yan, New York 14527

FAA ID NO. **Y2GR396Y** 

WORK ORDER #22682-07

Dept #ENG

Page NO.

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Location ENG

Warranty Code 00 / 0

Goodthru AD# 07-08

Step ADJUSTED PRICE. AWAIT

Work Req CUSTOM TSIO-520-R / ENGINE P/N

Customer TOW01 / TOWER AVIATION INC.

S/N 269562-R

Mfg TEX01

Date May 08,2007 Approved return to Service By TIMOTHY HANSE WOPSTM

<u>PENN YAN AERO</u>
CONTINENTAL ENGINE SHIPPING LIST - CUSTOM MAJOR OVERHAUL W/O # 22682-07 MODEL # TSIO-520-R S/N 269562-R

TOWER AVIATION		× 200	5/8/2007	CHECK OUT BY	MIKE SMITH
	<u> </u>	<del></del> -	<u> DOECO</u>		
	Υ	N	NOTES	ACC	CESSORIES
BAFFLES VENTRAL		X		LEFT MAGNETO	P/N 6320
BAFFLES FRONT		Х			S/N 07021260
BAFFLES REAR		Х		RIGHT MAGNETO	P/N 6320
BAFFLES SIDE		X			S/N 07021261
BREATHER FITTING	Х		INTEGRAL	<u>STARTER</u>	P/N C24ST3
CARBURETOR		Х			S/N 4C3-120703
THROTTLE BODY	Х		1-ST, 1-90, 1-45	ALTERNATOR	P/N NOT SUPPLIED
THROTTLE ARM	Х				S/N NOT SUPPLIED
MIXTURE ARM	Х			FUEL SYSTEM	P/N COVERED
FUEL PUMP	Х		4-90, 3-45, 2-ST	,	S/N COVERED
FUEL INLET FITTING	X		AS NOTED ABOVE	FUEL PUMP	P/N COVERED
CHT FITTING		Х			S/N COVERED
CHT TYPE & LOCATION		X		PROP GOV.	P/N NOT SUPPLIED
DIPSTICK	Х	<del>- ^`</del> -	,		S/N NOT SUPPLIED
DIPSTICK TUBE	X				
EXHAUST STACKS	X		COMPLETE	1	NOTES
FILTER CONDENSERS		Х			)12, 144995, WITH OIL
FLOW DIVIDER	X	<del>  ^</del>	2-90, 1-45	TRANSFER PLUG	12, 11, 1000, 11111
FUEL INJ. NOZZLES & LINES	X		6-NOZZLES, 6-LINES	11.0.1.01.21.1.200	
ALTERNATOR		Х	0-11022EEG, 0-EINEG	CASE - MATCH # 8	71726 S
ALTERNATOR BRACKET		X		0,102 111,11011 11 0	
ALTERNATOR CONTROL ARM		X		OIL COOLER - DRA	AKE AIR 652661
HARNESS	X		2-NEW SLICK	DRK108875	
INTER CYL. BAFFLES	X		4	Brariogra	
LIFTING EYES	$\frac{\hat{x}}{x}$		1	TURBO - 406610-9	005 LKR0184
MAGNETOS	$\frac{\lambda}{X}$	<b></b>	2-SLICK	101180 400010 0	OOO, LICICO TO-1
LOG BOOKS	X		PENN YAN YELLOW	WASTEGATE - 470	908-9011, YJ028326
MANIFOLD PRESSURE FITTINGS	X		2-90, 1-ST	VVAOILOATE - 470	3900-9011, 13020320
MOUNT LEGS	X		2-90, 1-31	CONTROLLER - 47	70688-7 FG0182
NOSE SEAL RETAINING KIT	$\frac{x}{x}$		W/ HARDWARE	CONTROLLER - 47	0000-7, 1 00 102
	_ <u>^</u> _			VALVE - 470944-12	HC0162
OIL COOLER		- <del></del>	DRAKE AIR	VALVE - 470944-12	2, 1100 102
OIL COOLER FITTINGS	~	X	FC40400		
OIL FILTER	X		ES48108	<b>                                     </b>	
OIL FILTER ADAPTER	X	ļ	1	BOYED TUBOTT	LE BODY W/ FLEX LINES,
OIL SUMP	X	-	INIDOV	2-INTAKE PIPES, I	
OIL TEMP FITTING	X	<u> </u>	IN BOX	TURBO, TAIL PIPE	
OIL PRESSURE FITTING	Х	-	45 ADAPTER TO TEE		VE, INNER COOLER,
PRIMER JETS & LINES		X	4 0 4 0/01	d 1————————————————————————————————————	SEALS FLEX LINES
PROP GOV PAD STUD LENGTH	Х	<del> </del>	4 @ 1 3/8"		S HOSES & CLAMPS.
QUICK DRAIN	1	X	40 1101 1000		
SPARK PLUGS	X	<del> </del>	12 URHB32E	HEAT PAD W/ LEA	ND3,
STARTER	X	₩	SKY-TEC		
STARTER DRIVE ADAPTER	X	-		<del>                                     </del>	
SUMP PLUG	X	<del> </del>		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	
TACH DRIVE	X			-	
VACUUM PUMP DRIVE	X				NOTE BIOTUSES*
INTAKE PIPES	X	1	+ BALANCE TUBE		NOTE PICTURES*
HEAT SHIELD		<u> </u>			
FILL TUBE & CAP	X	<u></u>	<u> </u>	J	

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

Left Mag

629703-11

Injector/C

Serial Number Work Order Number Date

PENN YAN AERO

Penn Yan Aero

2499 Bath Road, Penn Yan, New York 14527

6320 (New)	0702126
Right Magneto - Part Number	Serial Numbe
6320 (New)	0702126
Left Magneto - Part Number	Serial Numbe
629703-11	K029310AF
Injector/Carburetor - Part Number	Serial Numbe
646768-3A1	B07BA044F
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.

Telephone: 1-315-536-2333 www.pennyanaero.com FAA Approved Repair Station: Y2GR396Y



Penn Yan Aero

2499 Bath Road, Penn Yan, New York 14527

Telephone: 1-315-536-2333 www.pennyanaero.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 remainfactured to Zero Thise Tolorances by Ponn Yan Aoro.

4655.2

Previous Time in Service

Repair Station Y2GR396Y Authorized Signature

### AIRCRAFT RECORDS - DO NOT DESTROY

engine

Company

Tower Aviation WO# 22682-07 / Penn Yan Aero WO# 21733-06

Manufacturer

TELEDYNE CONTINENTAL MOTORS

Model Location TSIO-520 SERIES

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<sup>-</sup>

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#

Next Due N/A

Signature "

Date 5/3/07

Cert. # Y2GR396Y

82-09-01

07/08/82

FUEL PRESSURE REGULATOR INLET AND OUTLET/

SB#

Method of Compliance Not applicable by engine model number.

Next Due N/A

Signature

Date 5/3/07

Cert.# Y2GR396Y

09/19/84

FUEL PUMP DRIVE MECHANISM/

Method of Compliance Not applicable by engine model number.

Date 5/3/07

Next Due N/A

SB# 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# Signature 7 Date 5/3/07

Next Due N/A 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#

Signature i

Date 5/3/07

Next Due N/A Cert.# Y2GR396Y

87-26-08

04/29/88

CRANKCASE, CRANKSHAFT AND PISTON PINS/

Method of Compliance Not applicable by engine model number.

Next Due N/A

SB# Signature

Date 5/3/07

Cert. # Y2GR396Y

Prepared by

<sup>\*</sup> Indicates possible recurring inspections Tdata, Inc TSIO-520 SERIES TSIO-520-R Page 1 of 3

88-03-06 Method of Compliance SB # Signature		RO-TECH OIL FILTER/ installed on this engine. Oil fil 5/3/07	ter P/N: ES48108.  Next Due Next filter change  Cert. # Y2GR396Y
88-17-03 Method of Compliance SB # Signature	THE RESIDENCE OF THE PARTY OF T		Next Due N/A Cert. # Y2GR396Y
*89-14-01 BEARING/ Method of Compliance SB # Signature		ine model number.	MEER TWO CRANKCASE MAIN  Next Due N/A  Cert. # Y2GR396Y
89-24-01 R1 Method of Compliance SB # Signature			Next Due N/A Cert. # Y2GR396Y
*89-24-03 Method of Compliance SB # Signature	Not applicable by engi Date 5	5/3/07	Y) Next Due N/A Cert. # Y2GR396Y
91-19-03 Method of Compliance SB # Signature			ES48108 filter installed. Next Due N/A Cert. # Y2GR396Y
93-08-17 Method of Compliance SB # Signature		CK-UP TUBE INSPECTION/ tube is installed in this engine. 5/3/07	Next Due N/A Cert. # Y2GR396Y
93-10-02 Method of Compliance SB # Signature			Superior cylinders are installed.  Next Due N/A  Cert. # Y2GR396Y
93-16-15 Method of Compliance SB # Signature			NG/ Next Due N/A Cert. # Y2GR396Y
95-21-15 Method of Compliance SB # Signature	11/28/95 ENGINI This engine has not be Date 5	E TEARDOWN AND INSPECT een installed in any affected ai 5/3/07	rcraft. Next Due N/A Cert. # Y2GR396Y
Prepared by			67

\*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#

Signature

Date 5/3/07

Next Due N/A Cert. # Y2GR396Y

\*97-26-17 AIRMELT CRANKSHAFT/ 01/23/98

Method of Compliance VAR Crankshaft previously installed. Ultrasonic inspected satisfactory.

SB#

Signature

Date 5/3/07

Next Due Next crankshaft removal

Cert.# Y2GR396Y

EXHAUST ROLLER BEARING ROCKER ARMS/ 98-01-08 12/23/97

Method of Compliance No roller rocker arms were installed in this engine.

SB# Signature Date 5/3/07

Next Due N/A Cert.# Y2GR396Y

98-17-11 CRANKSHAFT CRACKS/ 10/19/98

Method of Compliance No affected crankshaft is installed in this engine. Crankshaft S/N: B012M1.

SB# Signature Date 5/3/07

Next Due N/A 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# Signature

Signature

Signature

Date 5/3/07

Next Due N/A Cert. # Y2GR396Y

00-23-21 CRANKSHAFT CONNECTING ROD JOURNAL! 12/12/00

Method of Compliance No affected crankshaft is installed in this engine. Crankshaft S/N: B012M1.

Date 5/3/07

Next Due N/A Cert. # Y2GR396Y

ENGINE COMPONENTS, INC. STC'D CYLINDERS/ 04-08-10 05/05/04

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

SB#

Next Due N/A Date 5/3/07 Cert.# Y2GR396Y

07-04-19 R1 SUPERIOR AIR PARTS, INC. CAST CYLINDER ASSEMBLIES/ 05/07/07

Method of Compliance No affected Superior cylinders are installed on this engine. Cylinder P/N: SA52006-A22P installed.

SB# Signature

Date 5/3/07

Next Due N/A Cert.# Y2GR396Y

Prepared by

\* Indicates possible recurring inspections Tdata, Inc TSIO-520 SERIES TSIO-520-R Page 3 of 3

## AIRCRAFT RECORDS - DO NOT DESTROY

appliances

Company Tail#

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

\*74-18-05

08/28/74

SLICK ELECTRO, INC.

MAGNETOS

MAGNETO IMPULSE COUPLING/

Method of Compliance Not applicable by magneto model number.

Signature

Date 5/3/07

Next Due N/A

Cert. # Y2GR396Y

80-06-05

03/28/80

SLICK ELECTRO, INC.

MAGNETOS

MAGNETOS/

Method of Compliance Not applicable by magneto part number.

Date 5/3/07

Signature<sup>1</sup>

SB#

Next Due N/A Cert. # Y2GR396Y

81-16-05

08/06/81

SLICK ELECTRO, INC.

MAGNETOS

MAGNETO COIL/

Method of Compliance Not applicable by magneto part number.

SB#

Signature

Date 5/3/07

Next Due N/A

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#

Signature

Date 5/3/07

Next Due N/A

Cert. # Y2GR396Y

02-13-04

07/12/02

SLICK ELECTRO, INC.

MAGNETOS

MAGNETO IMPULSE COUPLING STOP PIN/

Method of Compliance Not applicble by magneto part number.

SB#

Signature

Date 5/3/07

Next Due N/A

Cert. # Y2GR396Y

Prepared by

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

Tdata, Inc (Tdata.com)

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

## AIRCRAFT RECORDS - DO NOT DESTROY

appliances

Company Tail #

Tower Aviation WO# 22682-07 / Penn Yan Aero WO# 21733-06 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#

Signature<sup>-</sup>

Date 5/3/07

Next Due N/A Cert. # Y2GR396Y

80-06-05

03/28/80

SLICK ELECTRO, INC.

MAGNETOS

MAGNETOS/

Method of Compliance Not applicable by magneto part number.

Date 5/3/07

Next Due N/A Cert. # Y2GR396Y

Signature :

81-16-05

SB#

08/06/81 SLICK ELECTRO, INC.

MAGNETOS

MAGNETO COIL/

Method of Compliance Not applicable by magneto part number.

SB#

Signature

Date 5/3/07

Next Due N/A 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#

Signature'

Date 5/3/07

Next Due N/A Cert. # Y2GR396Y

02-13-04

07/12/02

SLICK ELECTRO, INC.

MAGNETOS

MAGNETO IMPULSE COUPLING STOP PIN/

Method of Compliance Not applicble by magneto part number.

SB#

Signature

Date 5/3/07

Next Due N/A Cert. # Y2GR396Y

Prepared by

Magneto M/N: 6300.

P/N: 6320

S/N: 07021261 (New),

Page 1 of 1

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

TSIO-520 - R	(9)	
WO# 22682-	07	
S/N 26 9563	2-R	

1

Customer Tower Aviation

Pub#	General Description	Inspect	Repair	Reassy	Access	Parts	Compliance	Signature
M67-5	Lagging Breather Line						NA	
M67-12	Overboost - Engine						NA	
M70-7	Oil Feed Holes				C.	ort	NP N. A	
M70-11	Slick Bulletin No. 1-70						N.A	
M70-17	Fuel Pump Gasket							
	(FAA AD 71-9-3)						NA	
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	Connecting Rod Weights							
Rev. 1							C.W.	
M73-6	Prestolite Alternator No. ASM-8							
Rev. 1	(FAA AD 72-15-2)						N.A.	
M74-18	Slick Bulletin 1-74							
	(FAA AD 7408-5)						N.A.	ļ
M75-6	Conversions						414	
Rev. 1							N/A	ļ
M75-30	Prestolite Bearing Insp. No. ASM-10	-					م بر ا	[ .
100	(FAA AD 76-02-07)						N.A	
M76-4	Crankcase Oil Seal Installation						C.W.	
M76-5	Remote Mounted Oil Coolers							
Rev. 1 M76-7	PAT (24021 A1)						N.A.	<u> </u>
M1/0-/	P/N 634021 Alternator Face Gear						N.A	
M76-20	Lockplates Oil Filters (FAA AD 72-24-03)						N.A.	
M77-9	Thru Bolt Change							
M78-3	Oil Transfer Collar						C.W.	4
M78-5	Flexible Elbow (FAA AD 78-06-01)						PiCall.	
Rev. 3	Fiexible Elbow (FAA AD 76-00-01)						N.A.	
M78-9	Crankshaft, Crankcase & Bearings							
							CW	
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		<u> </u>				N.A	+

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

TSIO-5	520	
WO#		
S/N		

Pub#	General Description	Inspect	Repair	Reassy	Access	Parts	Compliance	Signature
							;	
M81-4	AiResearch Bulletin TP60-0120	T	l	T		1	4	
Rev. 1			ļ				N.A.	
M81-6	Fuel Hoses	ļ					-10	
Rev. 2		·			ļ	ļ	NA.	
M81-9	Nose Seal Retainer Plates (FAA AD 80-22-							
	05)					ļ	P.C.W.	
M81-12	Alternator Bracket				ļ		P.CW.	_
M81-13	Slick Bulletin No. 1-81 (FAA AD 81-16-							
Rev. 1	05)					ļ	N.A.	
M81-15	Prestolite Alternator Exchange		1					1
Rev. 1							N.A.	
M81-16	AiResearch Service Letter TP61-0043-2				<u> </u>		N.A	
M81-17	AiResearch Service Letter TP61-0039				ļ		WA	
M81-18	Air Reference Hoses						N-A	
M81-19	Flexible Elbows		<u> </u>				N.A	
M81-25	Exhaust Flange to Cylinder Inst.						C.W.	
M81-28	Oil Filters							
Rev. 1			<u> </u>				N.A.	
M82-5	Fuel Pressure Regulator (FAA AD 82-09-01)						NA,	
M82-13	Fuel Inlet Fitting						NA.	
M83-5	Slick Service Bulletin 3-82						N.A	
M83-6	Slick Service Bulletin 2-82						N.A.	
M83-8	Fuel Pump Replacement							
Rev. 1							N.A.	
M84-3	Induction Manifold Hose Inspection						NA	
M84-5	Alternator Inspection Gear Driven						WIA	
M84-7	Turbo Inlet Check Valve 643797						NIA	
M84-8	Magneto Timing Indicator Plate						Cul	eat.
M84-13	Slick Service Bulletin 1-84				T			1
							N.A.	
M84-15	Cylinder Compression Leakage Check						Ciwi	
M85-6	Garret Service Letter TP61-0001, Rev. E					<u> </u>	N.A.	
M85-9	Piston to Cylinder Dome Clearance				المه لو	AIDY CAI	מע	
Rev. 1	Colinder Hold Dave Note	-	-	<del> </del>	Princ	641	CW	
M85-10	Cylinder Hold Down Nuts	-	+		+	<del>                                     </del>	- CW	4
M85-14	Magneto Pressurization Filter		+	+	+	<del> </del>	111	+
M86-4	Fuel Pumps	+	<del> </del>	+		+	N,A V.A	+
M86-5	Manifold Pressure Line Adapter	<del> </del>	+		<del> </del>	+	N.F.	
M86-13	Camshaft Plug Inspection	1	1	1	1	1	N.A.	1 1

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

TSIO-520	
WO#	
S/N	

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	1					<u> </u>	
M87-15	Alternator Ground Strap						NA	
M87-16	Slick Service Bulletin SB1-86A						NIA	
M87-17	Improved Oil Pump Suction Tube Assy.						NA	
M87-18	Aircraft Engine Nameplates				1			
Rev. 1						ļ	N.A.	
M87-21	Operation and Service					<u> </u>	NA	
M87-23	Crankshaft Counterweight I.D.at						/	
	Overhaul						CINI	
M87-24	Broken Starter Adapter Shafts						N,A	1
M87-25	Piston Pin Replacement & Thru Bolt							
	Torque Check						N.A.	
M87-26	Piston Pin Replacement & Thru Bolt	1	l					
	Torque Check						N.A.	
M88-4	TCM Pro-Tech Oil Filter							
	(FAA AD 88-03-06)	ļ				ļ	N.A	<u> </u>
M88-5	Starter Adapter Shafts						مام	
	(FAA AD 88-17-03)		<u> </u>				N.A.	
M88-9	Lightning Strikes	∔	ļ	<del> </del>	<u> </u>		N.A	<u> </u>
M88-10	Contaminated Fuels			<del> </del>		<del>                                     </del>	N.A	
M88-12	Piper Aircraft Mandatory Service Bulletin	<u> </u>	ļ		ļ		MA	
M88-14	Slick Service Bulletin SB1-88	ļ		ļ	ļ		W,A	
M89-5	Alternator and Drive Coupling Installation	ļ	<u> </u>	<u> </u>		-	N.A	
M89-6	Compressor Belt Sheave Alignment & Belt				1		ه در	
	Tensioning	<del></del>	<del> </del>	-		<del> </del>	N.A.	
M89-7	Engine Operation After Cylinder					1		. 1
Rev. 1	Replacement and/or Major Overhaul		ļ				NA NA	
M89-9	Excessive Crankcase Pressures	<del> </del>				<del> </del>	NAT	
M89-14	Thru Bolt Torque Check & Visual							
	Inspection #2 Main Bearings	1					N.A	٠.
1 (00 4-5	(FAA AD 89-14-01)		<del> </del>			-	N.11	
<del>M89-15</del>	Overspeed Limitations-	<del> </del>		<del> </del>		<del> </del>		
M89-18	EGT Recommendations	<del></del>	<del> </del>	<del> </del>		1-	C.W	_
M89-23	Lower Throttle Body Support Bracket &					1	1.1.A	
1.600.6	Linkage		-		-	<del> </del>	NA	+
M90-6	Inspection & Replacement of Scavenge							
	Pump Gears P/N 635334						N.A.	
M00 9	& 639388 (FAA AD 89-24-01R1)	1		+	<del> </del>	<del>                                     </del>	N.A.	<del> </del>
M90-8	Exhaust System Inspection		<del> </del>	<del> </del>	<del> </del>	<del> </del>		
M90-9	New TCM Magneto & Harness				<u> </u>		N.A.	

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

TSIO-520			
WO#			
S/N			

Pub#	General Description	Inspect	Repair	Reassy	Access	Parts	Compliance	Signature
		<b>,</b>				,	·	<b>-</b>
	Applications							
M90-10	Standby Vacuum Pump Oil Leak							
	Check/Inspection		<u> </u>	ļ	ļ	<u> </u>	N.A.	ļ
M90-13	Exhaust Valve Stem Corrosion/Erosion			ļ			N.A	
M90-14	Champion Aviation Action		İ	-				1
	Alert 90-1 (FAA AD 91-19-03)				ļ	<del> </del>	N.A	
M90-15	Rocker Arm and Push Rod Inspection	<u> </u>		ļ			NA	
M90-16	7th Stud Improvement on TCM Crankcases	<u> </u>			ļ	-	C.W.	4
M90-17	Crankcase Inspection Criteria	<u> </u>		ļ			PICH	·
M90-19	Fuel Inlet Tee	<u> </u>	ļ	ļ			N.A.	<del></del>
M91-4	Piston to Ring Application			<del> </del>	ļ	<u> </u>	N.A.	-
M91-6	Cylinder Barrel Inspection	<u> </u>			<u> </u>	ļ	N.A	
M91-7	Cylinder Barrel Ultrasonic Inspection	<u> </u>	ļ	ļ	·		N,19	
M91-8	TBO	ļ					N,1	
M91-9	Cam & Lifter Lubrication During Engine		1			1		
	Build		ļ		ļ <u> </u>	<del> </del>	cw.	/
M91-10	Inspection for Correct Oil Pick-Up Tube						110	
Rev. 1	Installation (FAA AD 93-08-17)	<del> </del>	-	<del> </del>	ļ		NA.	
M91-12	New Oil Pump Gauge Rod Housing	<u> </u>	ļ	-	<del> </del>	<u> </u>	N.A	
M92-6	Rockershaft Retention Improvement for					1	N.A.	
1.600.5	Inclined Valve Cylinder	ļ				+	NA	+
M92-7	Deck Studs		<del>                                     </del>	<del> </del>		<del> </del>	N/IT	
M92-9	Flanged .500 Thru Bolt Nut,						cw	
1500 10	P/N 652541	<del> </del>		<del> </del>	<del> </del>		M'14	
M92-10	Starter Adapter	<del> </del>	<del> </del>	<del> </del>		<del> </del>	N/M	
M92-12	New and Rebuilt Alternator Thru-Bolt					İ		
	Torque Inspection, P/N 649304, 649305, 649304R and 649305R (with drive							·
	coupling)		1		i		NA	
M92-14	New Modine Oil Coolers, P/N 635996,	<b></b>			+	<del> </del>	1 - 10 - 17	
N192-14	646685,649479 and 652759	1			1		NA	
M93-4	Crankshaft Counterweights	<del>                                     </del>	1				cw.	
M93-5	Chamfer of Crankcase Main Bearing Oil	<del> </del>	1		T	1		1
14173-3	Feed Holes						W.A	
M93-8	Rocker Arm to Rotocoil Clearance	1			1		N.A.	
M93-10	TCM Ignition Systems Service Bulletin No.	<del>                                     </del>	<b>†</b>		1	1		
1-1/3-10	639	1				1	V.A	
SIL93-11A	New Service Document Format				1	1	N.A.	
MSB93-12	Valve Retainer Key Installation Inspection	1				1		
1-101075-12	(FAA AD 93-10-02)						W.A	
SIL93-14	CFC Warning Statement			1		1	NA	2
SIL93-14	General Practices for Use of Lock Wire,	1	1	1			CWI	

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

TSIO-5	520	
WO#_		
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Pub#	General Description	Inspect	Repair	Reassy	Access	Parts	Compliance	Signature
						·	,	
	Tab Washers & Cotter Pins	T						
CSB94-1	Teledyne Continental Motors Ignition	-		-	<u> </u>	-		-
C3B94-1	Systems Service Bulletin No. 641						N.A	
SB94-2	Oil Filter Adapter Mounting Stud						P.CW.	
SB94-3	Induction System Hose and Clamp							1
	Replacement						NA.	
SIL94-5	Mobil AV1 Oil						WA	
SIL 94-6	Oil Dipstick to Engine Applications Chart						,	
SIL94-7	Crankshaft Flange Timing Marks						NA	
SB94-8	Magneto to Engine Timing			<u> </u>	<u> </u>		CW.	<i>/</i>
SIL94-10	Replacement of Intake Valve Rotocoils					,	N.A	
SB94-11	Oil Pump Gasket P/N 643749						NA	
CSB94-15	Crankcase Stud Inspection						NA.	
SB95-2	Inspection and Maintenance of Engine							
	Control Cables and Linkage			1			C-W.	
SIL95-5	Hose and Tubing Installation						Cw.	
MSB95-6	Fuel Pump Drive Coupling							1
	(FAA AD 93-15-16)						N.A	
SB95-7	Manifold Valve Cover Inspection						N.A.	
SB96-3B	Crankshaft Gear Bolt Inspection					<u></u>	N.A	
SID96-6	TCM Ignition Systems Service Bulletin No.							
	653		<u> </u>				C.W.	
SB96-7	Torque Limits						رسارع	_/
CSB96-8	Replacement of Airmelt (NON-VAR)							
	Crankshafts						P.C.W	
SIL96-9	Oil Pressure Relief Valve Spring		<u> </u>					_
MSB96-10	Crankshaft Ultrasonic Inspection	·		<u> </u>			CW	
SB96-11	Propeller Strikes and Hydraulic Locks	1				<u> </u>	N.A.	
SB96-12	Continued Airworthiness Instructions for		1					
	TCM Cylinders						N-A	
SIL97-1	Airworthiness Limitations		<u> </u>				NA	
SID97-2	Operation, Maintenance & Warranty for		1	1				
	TCM Cylinders		1					
			<u> </u>	1	ļ	ļ	NA	
SID97-3	TCM Continuous Flow Fuel Injection		i					
	System Set-Up and Adjustment					1	Care	
SID97-4A	Cylinder Bore and Piston Fit							
	Specifications						NA	
SB97-6	Mandatory Replacement Parts				<u> </u>	<u> </u>	CW.	
SID97-8	Interference of TCM 24 Volt 60 Amp. Gear						8.11	1.
	Driven Alternator and Crankcase Thru Bolt		L		l		NA.	<u> </u>

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

TSIO-520	
WO#	
S/N	

Pub#	General Description	Inspect	Repair	Reassy	Access	Parts	Compliance	Signature
				-				-
		T					1	
CSB97-	Piston Pin Plug Wear (FAA AD 97-21-02)							
10A							مید ا	
GD 05 11	11: DOI ((2)100 A	ļ	ļ	ļ			N.A	
SB97-11	New Rocker Assemblies, P/N 652130 &	}					-	1
	652131, Which Utilize P/N 652129 Single	1						
SIL97-12	Piece Bushing Starter Adapter Shaft Seal Installation					<u> </u>	J. N. O.W.	ļ
SB97-12	New Engine Driven Fuel Pump TSIO-520-	ļ		<del> </del>			V.A	
SB9/-13	BE			İ				
CSB98-1		<del> </del>	<del> </del>				N.A	<del>                                     </del>
	Value Guide Dimensions	<del></del>	<del> </del>	<del> </del>	<del> </del>		NA	
SB98-2		<del> </del>	<u> </u>		ļ		NA	
SIL98-3 A SIL98-5	Value Springs	-		<del> </del>	-		\$J19	-
	Cam Assembly		<u> </u>				N.C.W.	
SIL98-6	Fuel Injection System Application Guide	ļ					cw.	d and a
SIL99-1	Engine Preservation for Active and Stored		ĺ					
CII OO 2	Aircraft	<del> </del>	<del> </del>				e c.wi	A
SIL99-2	Current Listing of Sealants, Lubricants, and						c.w	
MSB99-3C	Adhesives			<del> </del>			N.A	4
	Crankshaft Inspection Engine Fuel Injection System Preservation	<del> </del>	ļ					-
SB99-8		<u> </u>	<del> </del>	ļ			C.W	,
SB00-3 <b>A</b>	Crankshaft Counterweight and Connecting						C.W.	
MSB00-5D	Rod Repair	<del> </del>					0.001	-
MSB00-3D	Crankshaft Material Inspection							
SIL00-7A	Oil Gauge Rod Application						N/A N/A	-
SIL00-7A	Engine Data Plates		-	<del> </del>			k/-A	+
SB00-10	Fuel Pump Seal P/N 649198	-						<u> </u>
CSB01-1	Fuel Pump Inspection and Seal Test			<del> </del>			N.A	<del> </del>
SB01-3	TCM P/N 649304A1 & 649305A1	<del> </del>	-	<del>                                     </del>			NA	<u> </u>
SB01-3	Gear Driven Alt.	1					NA	1
CSB02-2A	Starter Adapter Shaft Seal Inspection			<del> </del>			NA	<del>+</del>
SIL02-4	Production Release of New Light Weight	<del> </del>		<del> </del>	<u> </u>		10,7	
SILU2-4	Starter Motors						NA	
SIL02-6A	Production Release of (optional) Intake and	<del>                                     </del>	<u> </u>	<del> </del>	<b></b>			-
SILV2-UA	Exhaust Valves						NA	
CSB-02-8	TCM Ignition CSB 664	<del>                                     </del>	<del> </del>	<del>                                     </del>	<del> </del>		NA	<del> </del>
SIL 03-1	Cold Weather Operation-Engine Preheating	+	<del> </del>				N.A	
SIL 03-1 SIL 03-2B	Currently Active Approved Spark Plug	<del>                                     </del>					N/4	
31L U3-2D	Application							
SB 03-3	Differential Pressure Test & Bore scope	<b> </b>					cm,	
30 03~3	Inspection Procedures for Cylinders	1			1		Na	
SIL 04-2	Cylinder Barrel Ultrasonic Inspection	<del> </del>		<del></del>	-	-	NA	<del></del>

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

TSIO-52	)			
WO#				
S/N				

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

Pub#	CIP ::	I Incia i	I B	T =	T:	T	T-2	
Fub#	General Description	Inspect	Repair	Reassy	Access	Parts	Compliance	Signature
510 05-7	TCM Position Tuned Fuel Inj nozzles Improved Com chaft year Shick Service Bulletin SBI-88 B TCM Fael Injection Nozzle Inspection 1 F Cranhshaft Genz Retaining Come Sca						N.A	
SB 05-8	Improved Com shaft year							
5805-9	Stick Service Bulletin 581-88 B						N.A	
SB 06-1A	Tem Fuel Injection Nozzle Inspection 1	op hees	ent				MA	19
51L 06-3	Cranhishaft Gene Retaining & Scor Sco	ev					C.M.	
SB 06-5	Cranbohaft oil Transfer Take Inspection	and Ru	hument				pen	j
		'						
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	Signature	License Number
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Maria Danier	ne Endorsement of a	L

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Serial No.

Date	Ti Hrs	me Min	REPAIRS - ADJUSTMENTS - SERVICE -	REMARKS	Signature	License Numbe
2,260	2		REMOVED ENGINE	TS10-520-R9		
	165	2	5/N 269562-R FR	OM AIRCRAPT		
			N76142, TZIOM S/	21062637		
			FOR OVERHAUL, LA			
			10.5.94 TACH 2923.1	· CURRENT		
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			Total to Date	Certificate Number MUST b		

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

FAA ID NO.

WORK ORDER #22843-07

Dept #71

Page NO.

Location CYL

Customer TOW01 / TOWER AVIATION INC.

Cust RO#

31 ~ 36-2333

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 Mfg SUP01 S/N 526-B07-4506 Reason/Rm Manual# Rev# ATA NO.: Date Regrd 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) DATE: INSPECTOR: Not required 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.

Test Data Used:

MODIFICATION/SERVICE BULLETINES:

Test Technician:

DATE:

Inspector:

DATE:

PENN YAN AERO 2499 Bath Road

Penn Yan, New York 14527

FAA ID NO.

WORK ORDER #22843-07

Dept #71

Page NO.

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

Final Inspection: HAROLD C.

MIKE W.

DATE: 03/23/2007 DATE: 03/23/2007

Technician:

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

Mar 26,2007

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#

31~~36-2333

Step FINISHED CYLINDER

Location CYL

Warranty Code 00 / 0

Goodthru AD# 07-06

Work Req BENCH CHECK

TSIO-520-R-CYL / TSIO-520-R-CYL

S/N 526-B07-4508

Mfg SUP01

Date Reqrd // Date Estmtd //  PRELIMINARY INSPECTION: DATE: 03/23/2007 INSPECTOR: HAROLD C.  Labor 1.00 hr New cylinder kit SA52006-A22P Wcd22682-07  PRE TEST (Yes/No) N	Reason/Rm	- 5/1 <b>\ 520-D</b> 0/	
Date Regrd // 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 Not required  HIDDEN DAMAGE: 1 Jamage  TEARDOWN FINDINGS:  TECHNICIAN: DATE: // INSPECTOR:  FINAL INSPECTION EEFORE ASSEMBLY: DATE: // INSPECTOR:  CORRECTIVE ACTION: New superior cylinder kit SA52006-A22P, gapped rings and installed on piston. Al 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: //	Reason/Rm	Manual#	Rev. / / Rev#
Date Estmid / /  PRELIMINARY INSPECTION: DATE: 03/23/2007 INSPECTOR: HAROLD C.  Labor 1.00 hr New cylinder kit SA52006-A22F Wo\$22682-07  PRE TEST (Yes/No) N Not required  HIDDEN DAMAGE:  lamage  TEARDOWN FINDINGS:  TECHNICIAN: DATE: / / INSPECTOR:  CORRECTIVE ACTION: New superior cylinder kit SA52006-A22P, gapped rings and installed on piston. Al work was done in accordance with data approved by or acceptable to the faa. TECHNICIAN: DATE: 03/23/2007 INSPECTOR: HAROLD C.  MODIFICATION/SERVICE BULLETINES:  Test Data Used: Test Technician: DATE: / /		AT	A NO.:
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CORRECTIVE ACTION:  New superior cylinder kit SA52006-A22P, gapped rings and installed on piston. Al 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: / /	FINAL INSPECTION BEFORE ASSEMBLY:	DATE: / /	INSPECTOR:
New superior cylinder kit SA52006-A22P, gapped rings and installed on piston. Al 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: / /		,	21.02.2010.
New superior cylinder kit SA52006-A22P, gapped rings and installed on piston. Al 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: / /	CODDECTIVE ACTION		
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TECHNICIAN: MIKE W. DATE: 03/23/2007 INSPECTOR: HAROLD C.  MODIFICATION/SERVICE BULLETINES:  Test Data Used: Test Technician:  DATE: / /			
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Test Data Used: Test Technician: DATE: / /	TECHNICIAN: MIKE W.	DATE: 03/23/2007	INSPECTOR: HAROLD C.
Test Technician: DATE: / /	MODIFICATION/SERVICE BULLETINES:		
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	Test Data Used:		
Inspector:	Test Technician:	DATE:	: //
DAIL. / /	Inspector:	DATE:	: //

PENN YAN AERO

31" "36-2333

2499 Bath Road Penn Yan, New York 14527 FAA ID NO. Y2GR396Y

WORK ORDER #22844-07

Dept #71 Page NO.

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

MIKE W.

S/N 526-B07-4508

Mfg SUP01

Final Inspection: HAROLD C.

DATE: 03/23/2007 DATE: 03/23/2007

Technician: 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

FAA ID NO. Y2GR396Y

WORK ORDER #22845-07

**Dept** #71

Page NO.

Customer TOW01 / TOWER AVIATION INC.

Cust RO#

31" "36-2333

Step FINISHED CYLINDER

Warranty Code 00 / 0

Location CYL

Goodthru AD# 07-06

Work Req BENCH CHECK

TSIO-520-P-CVI / TSIO-520-P-CVI

MC. CTIDA1

1/N 1510-520-K-C1L / 1510-520-K-C1L	3/	N 520-BU/-449	S Mig SUFU	I
Reason/Rm	Mar	nual#	Rev_//	Rev#
Date Reqrd / /		ATA NO	.: )	
Date Estmtd / /		Y		
PRELIMINARY INSPECTION:	DATE: 03/2	23/2007	INSPECTOR:	HAROLD C.
Labor 1.00 hr				
New cylinder kit SA52006-A22P		•		
Wo#22682-07				
PRE TEST (Yes/No) N	DATE: X	/	INSPECTOR:	
Not required	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	<u> </u>		
	XD ()			
		)		
HIDDEN DAMAGE:				
: Jamage				
TEARDOWN FINDINGS:				
TECHNICIAN:	DATE: /	/	INSPECTOR:	
FINAL INSPECTION BEFORE ASSEMBLY:	DATE: /	/		
TIME INSTRUCTION DEFORE ADDEMBLY:	DATE: /	′	INSPECTOR:	
CORRECTIVE ACTION:	000		6.11	
New superior cylinder kit SA52006-A done in accordance with data appro-				n. All work was
TECHNICIAN: MIKE W.	DATE: 03/2		ne raa. INSPECTOR:	HAROLD C
	2.1.2. 03/2		INDEECTOR:	THEOLD C.
MODIFICATION/SERVICE BULLETINES:				
Test Data Used:				
Test Technician:		DATE:		
Inspector:		DATE:	, , , ,	

PENN YAN AERO

2499 Bath Road Penn Yan, New York 14527

Work Req BENCH CHECK

FAA ID NO.

WORK ORDER #22845-07

Dept #71

Page NO.

315/536-2333

Customer TOW01 / TOWER AVIATION INC.

Cust RO#

Step FINISHED CYLINDER

Location CYL

Warranty Code 00 / 0

Goodthru AD# 07-06

TSIO-520-R-CYL / TSIO-520-R-CYL

S/N 526-B07-4495

Mfg SUP01

Final Inspection: HAROLD C.

Technician:

MIKE W.

DATE: 03/23/2007

DATE: 03/23/2007 DATE:

/ /

Inspector:

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

FAA ID NO. Y2GR396Y

WORK ORDER #22846-07

**Dept** #71

Page NO.

Customer TOW01 / TOWER AVIATION INC.

31~~36-2333

Cust RO#

Step FINISHED CYLINDER

Location CYL Warranty Code 00 / 0

Work Reg BENCH CHECK

Goodthru AD# 07-06

Work Red DEMCH CHECK				Goodinia AD# 07-00
P/N TSIO-520-R-CYL / TSIO-520-R-CYL	S/N 52	6-B07-4507	Mfg\SUP0	1
Reason/Rm	Manual #	Rev.	711	Rev#
		ATA NO.:	/	
<i>/</i>				
Date Regrd / /	$\wedge$	$\mathbb{N}$		
Date Estmtd / /			•	
Date Bounca / /				
PRELIMINARY INSPECTION: D	ATE: 03/23/20	007	INSPECTOR:	HAROLD C.
Labor 1.00 hr		*		
New cylinder kit SA52006-A22P	/			
Wo#22682-07				
	ATE: \chi /		INSPECTOR:	
Not required				
	$\bigcap_{i \in I} \bigcap_{j \in I} \bigcap_{i \in I} \bigcap_{i \in I} \bigcap_{j \in I} \bigcap_{i \in I} \bigcap_{j \in I} \bigcap_{i \in I} \bigcap_{j \in I} \bigcap_{i \in I} \bigcap_{j \in I} \bigcap_{i \in I} \bigcap_{j \in I} \bigcap_{i \in I} \bigcap_{j \in I} \bigcap_{i \in I} \bigcap_{j \in I} \bigcap_{i \in I} \bigcap_{j \in I} \bigcap_{i \in I} \bigcap_{j \in I} \bigcap_{i \in I} \bigcap_{j \in I} \bigcap_{j \in I} \bigcap_{j \in I} \bigcap_{i \in I} \bigcap_{j$			
	$\mathcal{Y}U$			
HIDDEN DAMAGE:	<del>`/</del>			
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1 Jamage				
TEARDOWN FINDINGS:				
				*
TECHNICIAN: D.	ATE: / /		INSPECTOR:	
FINAL INSPECTION BEFORE ASSEMBLY: D.	ATE: / /		INSPECTOR:	
	, ,		11101201011.	
CORRECTIVE ACTION:				
New superior cylinder kit SA52006-A22P,	gapped rings	and installe	d on piston	. All work was
done in accordance with data approved	by or accepta	ble to the fa	a.	
TECHNICIAN: MIKE W. D.	ATE: 03/23/20	07	INSPECTOR:	HAROLD C.
MODIFICATION/SERVICE BULLETINES:				
	~~~~~~~~~~			
Test Data Used:				
Test Technician:		DATE: / /		
Ingrester		DAME: / /		

PENN YAN AERO

2499 Bath Road Penn Yan, New York 14527

FAA ID NO.

WORK ORDER #22846-07

Dept #71

Page NO.

31/~~36-2333

Customer TOW01 / TOWER AVIATION INC.

Cust RO#

Step FINISHED CYLINDER

Location CYL Warranty Code 00 / 0

Goodthru AD# 07-06

Work Req BENCH CHECK

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 THE REPAIR ARE ON FILE AT THIS REPAIR STATION.

Approved return to Service By HAROLD COURTNEY

Date Mar 26,2007

WOPSTM

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

FAA ID NO.

WORK ORDER #22847-07

Customer TOW01 / TOWER AVIATION INC.

**Dept #71** 

Page NO.

315'536-2333

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-C	CYL S/N 526-B07-44	Mfg SUP01
Reason/Rm  Date Reqrd / / Date Estmtd / /	Manual# ATA No	Rev. // Rev#
PRELIMINARY INSPECTION: Labor 1.00 hr New cylinder kit SA52006-A22P Wo#22682-07	DATE:/03/23/2007	INSPECTOR: HAROLD C.
PRE TEST (Yes/No) N Not required	DATE:	INSPECTOR:
HIDDEN DAMAGE: 1 lamage		
TEARDOWN FINDINGS:		
TECHNICIAN:	DATE: / /	INSPECTOR:
FINAL INSPECTION BEFORE ASSEMBLY	: DATE: / /	INSPECTOR:
CORRECTIVE ACTION: New superior cylinder kit SA52006 done in accordance with data apprenticulan: MIKE W.		
MODIFICATION/SERVICE BULLETINES:		

**Printed** Mar 26,2007 16:23:41

Test Data Used: Test Technician:

Inspector:

PYAS01201

**Labor Task Control#** \*11100

DATE:

DATE:

PENN YAN AERO 2499 Bath Road

Penn Yan, New York 14527

FAA ID NO.

WORK ORDER #22847-07

Dept #71

Page NO.

Customer TOW01 / TOWER AVIATION INC.

Cust RO#

31 ~ '536-2333

Step FINISHED CYLINDER

Location CYL Warranty Code 00 / 0

Work Req BENCH CHECK

Goodthru AD# 07-06

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

S/N 526-B07-4496

Mfg SUP01

Final Inspection: HAROLD C.

Technician:

MIKE W.

DATE: 03/23/2007

DATE: 03/23/2007

Inspector:

DATE:

/ /

ADDITIONAL COMMENTS:

(1)

(2)

MAINTENANCE RELEASE RECORD

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Approved return to Service By HAROLD COURTNEY,

Date Mar 26,2007

WOPSTM

PENN YAN AERO

2499 Bath Road Penn Yan, New York 14527 FAA ID NO. **Y2GR396Y** 

**WORK ORDER #22848-07** 

31 = '536-2333

**Dept #71** 

Page NO.

Customer TOW01 / TOWER AVIATION INC.

Cust RO#

Step FINISHED CYLINDER

Location CYL Warranty Code 00 / 0

Work Req BENCH CHECK

Goodthru AD# 07-06

TSIO-520-R-CVL / TSIO-520-R-CVL

C/N 526 DOT 4501

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Date Estmtd / /			
	<del></del>		
PRELIMINARY INSPECTION:	DATE: 03/23/200	7 INS	PECTOR: HAROLD C.
Labor 1.00 hr	Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of th		
New cylinder kit SA52006-A22P			
Wo#22682-07			
PRE TEST (Yes/No) N	DATE: /	TNO	DECTION .
Not required	DATE.	INS	PECTOR:
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	ALV )		
HIDDEN DAMAGE:			
: lamage			,
TEARDOWN FINDINGS:			
TECHNICIAN:	name. / /		
LEGINICIAN.	DATE: / /	INS	PECTOR:
FINAL INSPECTION BEFORE ASSEMBLY:	DATE: / /	INS	PECTOR:
CORRECTIVE ACTION:			
New superior cylinder kit SA52006-A22	D ganned mines	and inchalled	
			n piston. All work was
done in accordance with data approve		_	
TECHNICIAN: MIKE W.	DATE: 03/23/2007	/ INS	PECTOR: HAROLD C.
MODIFICATION/SERVICE BULLETINES:			
R. b Date Ward.			
Test Data Used:			
Test Technician:		ATE: / /	
Inspector:	D.	ATE: / /	

PENN YAN AERO

2499 Bath Road Penn Yan, New York 14527

FAA ID NO.

WORK ORDER #22848-07

Dept #71

Page NO.

Customer TOW01 / TOWER AVIATION INC.

Cust RO#

315/536-2333

Step FINISHED CYLINDER

Location CYL Warranty Code 00 / 0

Work Req BENCH CHECK

Goodthru AD# 07-06

TSIO-520-R-CYL / TSIO-520-R-CYL

S/N 526-B07-4501

Mfg SUP01

Final Inspection: HAROLD C.

Technician:

MIKE W.

DATE: 03/23/2007 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

ate Mar 26,2007

WOPSTM

PENN YAN AERO 2499 Bath Road

Penn Yan, New York 14527

FAA ID NO. Y2GR396Y

WORK OPPED #22201 05

WORK ORDER #22391-07

Dept #ELEC Page NO.

ige NO.

Location ELEC

Warranty Code 00 / 0

Goodthru AD# 07-02

315/536-2333

Customer HIC02 / DAVID HICKS

Cust RO#

Work Req IRAN

P/N 643259A8R / ADAPTER

Step ADJUSTED PRICE. AWAIT

S/N 2781

Mfg PEN02

Reason/Rm Manua/# Rev# ATA NO.: Date Regrd Date Estmtd PRELIMINARY INSPECTION: 01/29/2007 DATE: INSPECTOR: RHAYES NO SHIPPING DAMAGE ENGINE WO# 22287-07 PRE TEST (Yes/No) N 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

Inspector: THANSEN

Final Inspection: THANSEN

Technician:

DATE: 02/05/2007

DATE: 02/05/2007

DATE: 02/05/2007

DATE: / /

2499 Bath Road

PENN YAN AERO

Penn Yan, New York 14527

315/536-2333

FAA ID NO. **Y2GR396Y** WORK ORDER #22391-07

Dept #ELEC

Page NO.

Location ELEC

Warranty Code 00 / 0

Goodthru AD# 07-02

Customer HIC02 / DAVID HICKS

Cust RO#

Work Req IRAN

Step ADJUSTED PRICE. AWAIT

643259A8R / ADAPTER

P/N C	043259A8R / ADAPTER		S/N 2781		Mfg PEN02
Inspe	ctor:		DATE	: / /	,
ADDIT	IONAL 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 HANSE

ate Feb 05,2007

WOPSTM



1	1. Approving National Aviation Authority/Country: FAA/UNITED STATES  2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG  3. Form Tracking Number: 8708												
]	Organization Name and A PENN YAN AERO 1499 Bath Road, Penn Yan	Address: Repair S	Station	¥ Y2GR396Y			5. Work O		ontract/Invoice Number				
6. Ite	m: 7. Description:	8. Part Number:	9. E	ligibility:*	10.Quantity	11. Se	erial/Batch	No.	12. Status/Work:				
1	ADAPTER	643259A8R	ТВ	V by Installer	1		2781		Overhauled				
13. I		data approved by or e FAA. Details on file											
14.	Approved design d	bove were manufactured in conformity to ata and are in condition for safe op gn data specified in Block 13.		12 and describe	nless otherwise ed in Block 13 v ulations, part 43	specific	ed in Block 13 omplished in	3, the wo	rk identified in Block 13 rk identified in Block ace with Title 14, Code the items are approved				
15.	Authorized Signature:	16. Approval/Authorization No	.:	20 Authoriz	ed Signature	,		Approv 2GR396	ral/Certificate No.:				
17.	Name (Typed or Printed)	18. Date (m/d/y):		22. Name: TIMOTHY HA	(Typed or Prin	ted)	ı	Date (m/ b 05,200	• /				
It is in	nportant to understand that the ex	istence of this Document alone does not autor	natically o	esponsibilities	to install the part/	compon	ent/assembly. V	Where the	user/installer performs				
the us	er/installer ensures that his/her A	egulations of an Airworthiness Authority diffe irworthiness Authority accepts parts/compone constitute installation certification. In all cases	nts/assemi	blies from the Airwo	orthiness Authori	ty of the	country specifi	ied in bloc	ck 1.				

FAA Form 8130-3 (6-01)

with national regulations by the user/installer before the aircraft may be flown.

\*Installer must cross-check eligibility with applicable technical data.

NSN: 0052-00-012-9005

Approving National Aviation	2.					Form Tracking Number:			
Authority/Country:									
FAA/United States	10118-91517								
174 Office Clates	RTIFICATE OVAL TAG	10110-31017							
Organization Name and Addr	ress:		777 01111 0100 0,7 111111	5711711112007417110		Work Order/Contract/Invoice Number:			
Aircraft En	naine & Accessoi	ry Co., Inc., 22	75 Crown Road, Dal	las, TX 75229 (UI	1R533K)	144995			
6 Item: 7. Description		Part Number:	9. Eligibility: *	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:			
each çranksh	naft	631716	TSIO-520	overhauled					
13. Remarks When requi	red, complian	ce to ADs a	nd/or service bull	etins will be ind	l licated on attached v	work order(s)			
Certifies that the items identified the items identified the identified the items identified the items identified the items identified the items identified the items identified the items identified the items identified the items identified the items identified the items identified the items identified the items identified the items identified the items identified the items identified the items identified the items identified the items identified the items identified the items identified the items identified the items identified the items identified the items identified the items identified the items identified the items identified the items identified the items identified the items identified the items identified the items identified the items identified the items identified the items identified the items identified the items identified the items identified the items identified the items identified the items identified the items identified the items identified the items identified the items identified the items identified the items identified the items identified the items identified the items identified the items identified the items identified the items identified the items identified the items identified the items identified the items identified the items identified the items identified the items identified the items identified the items identified the items identified the items identified the items identified the items identified the items identified the items identified the items identified the items identified the items identified the items identified the items identified the items identified the items identified the items identified the items identified the items identified the items identified the items identified the items identified the items identified the items identified the items identified the items identified the items identified the items identified the items identified the items identified the items identified the items identified the items identified the items identified the items identified	n data and are in a	a condition for s		and described in E Federal Regulatio for return to servic X 14 CFR 43.9	Block 13 was accomplished in ns, part 43 and in respect to the	k 13, the work identified in Block 12 accordance with Title 14, Code of hat work, the items are approved			
15. Authorized Signature	16.	Approval/Authorizati	on No.:	20. Authorized Signature		21. Certificate Number:			
					1 , , ,	UI1R533K			
17 Name (Typed or Printed):	+ 18	Date (m/d/y)	feet and the second	<ol><li>Name (Typed or Prin</li></ol>	ted):	23. Date (m/d/y):			
	是一个 等于 建套			Paul E. Skelton,	, Sr.	4/2/07			
		Use	er/Installer F	Responsib	ilities				
It is important to understan	d the existence	of this docume	ent alone does not au	tomatically constit	ute authority to install the	e 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.								

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Approving National Aviation	2.				3. Form Tracking Number:				
Authority/Country:									
FAA/United States	10118-91399								
	1011001000								
Organization Name and Address;					Work Order/Contract/Invoice Number:				
Aircraft Engine & Acc		75 Crown Road, Dal	las, TX 75229 (UI1	1R533K)	136767				
6 Item: 7. Description:	8 Part Number:	9. Eligibility: *	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:				
each camshaft	535661	overhauled							
13. Remarks Compliance or Non C	Compliance to Ad	e and/or son/ico h	ullating will be i	ndianted on etterbas	 				
Certifies that the work so	ecified in Blocks 12	and 13 was carried	out in accordance	ndicated on attached	oroval Number EASA.145.5697.				
Solution and allo Work op	comed in blooks 12	and to was camed	out in accordance	WILL ENON FAIL 140 APP	DIOVAI Number EASA, 145,5697.				
14. Certifies that the items identified above we	ere manufactured in co	onformity to:	19. Certifies that unles	s otherwise specified in Block	13, the work identified in Block 12				
					ccordance with Title 14, Code of				
Approved design data and a	re in a condition for sa	ife operation.			it work, the items are approved				
			for return to service						
Non-approved design data s	specified in Block 13.		X 14 CFR 43.9	Return to Service					
			Other regulation	tion as specified in Block 1	3.				
15. Authorized Signature:	16. Approval/Authorizati	on No.:	20. Authorized Signature		21. Certificate Number:				
					UI1R533K				
17. Name (Typed or Printed):	18: Date (m/d/y);		22. Name (Typed or Prin	ited):	23.				
			Paul E. Skelton	Control of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the sta	2/11/07				
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It is important to understand the existe	ence of this docume	nt alone does not au	tomatically constit	cute authority to install th	e 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 certification issued in accordance with	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.								

		2.				1 a n . m . l : - >t . l
1. Approving N Avaition Author FAA/Unite	3. Form Tracking Number 4C3-120703					
4. Ogranizatio	5. Work Order/Contract/ Invoice Number 4C3-120703					
6. Item	7. Description	8. Part Number	9. Eligibility*	10. Quanity	<ol> <li>Serial/Batch</li> <li>Number</li> </ol>	12. Status/Work
1	STARTER	C24ST3	N/A	ī	4C3-120703	NEW
13. Remarks AIR WO	ORTHYNESS AP	PROVAL. DIRECT SHI	P AUTHORIZATION			
X Approve	ed design data and proved design and	re manufactured in confo l are in a condition for sa specified in Block 13.  16. Approval/A	te operation			
Eugene Ch		March 30, 2				
Bugene Ch	марре	ividicii 50, 2	User/Installer R	esponsibilities		_07079.507.6±187822512045586355
Where the user/ Block 1 it is ess specified in Blo Statements in B	finstaller work in actential that the user lock 1.	ecordance with the nationa /installer ensures that his/h	ent alone does not automaticall I regulations of an Airworthine er Airworthiness Authority acc certification. In all cases, aircra	y constitute authority to install the p ss Authority different than the Airw epts part/components/assemblies fr ft maintenance records must contain	vorthiness Authority of rom the Airworthiness	authority of the country
FAA Foi	m 8130-3 (6-01) Co		* installer must o	o:s check eligibility with applicable t	echnical data	NSN: 0052-00-012-9005

WEIGHT AND E	BALANC	E/E	QUIPMENT	LIST REVISIO	ON	Sky-Tec : Beginn
NAME: AIRCRAFT MAKE/TYPE: REGISTRATION#:			DATE: MODEL SERIAI			Lycoi FN
PREVIOUS DATE:	WEI	GHT:	AF	RM: MC	MENT:	FNR
EQUIPMENT LIST	IN	OUT	WEIGHT	ARM	MOMENT	F(x)L G(x)L
1 (P/N) (S/N) (Desc.) SKY-TEC STARTER	х					F(x)P C(x)P
2						F(x)M C(x)M
3					-	F(x)H C(x)H
4						CONTINE
AIRCRAFT EMPTY WEI						2C (x)C3
MOM GROSS WEI	ARM: ENT: GHT:			SIGNATURE		FRANK F(x)ST1
USEFUL L	OAD:			AUTHORIZATION		
NOTE: Weight and balance in	nust be cor	nplete	and attached	to pilot's operating ha	andbook.	

1. A	A	ring National Aviation Authority/Country	1	FAA Fo	ra E	SE CERTIFICATE 3130-3 APPROVAL TAG	3. Form	Tracking Number:	,
4. Or	rgani	TULSA, OK 74	HERIDAN ROAD	VICES, INC.	PHON	WE: (918) 836-687 WX: (918) 836-441	2   5. Work (	Order/Contract/Invoi	ce Number:
6.Ite	em:	7. Description:	8.	Part Number:	9	Eligibility:*	10.Quantity	11.Serial/Batch No.	12.Status/Wor
1		CONT. CONNECTING ROD	S 10520	D RODS		N/A	6	S148302-1	Overhauled
13. R	emar	ks			<u> </u>				I
R	ODS-	MAGNAFLUXED, REBUSHE	D AND INSP. 1	N ACC. W/O/H MANUAL	&/o	R A.S.S. APPVL			
<u> </u> 									
14. Ce	ertif n cor	fies the items identiful formity to:	fied above we	re manufactured	19	14 CFR 43		Other regulation in Block 13	on specified
[		Approved design data for safe operation.	a and are in	a condicion		work identifie accomplished i	d in Block 1 n accordance	rwise specified in E 2 and described in E with Title 14, Code	lock 13 was of Federal
Ĺ	_	Non-approved design	data specifi	ed in Block 13.	     	Regulations, p	art 43 and i or return to	n respect to that wo service.	rk, the items
15. Au	uthor	rized Signature	16. Approva	l/Authorization No.:	20	. Authorized Sig	nature;	Approval/Cert	ificate No.
			<u> </u>					DD2R764K	
17. Na	ame	Typed or Printed)	18. Date (m	/d/y):	  22. 	. Name (Typed or	Printed):	23. Date (m/d/y):	
_	<del></del> -		<u> </u>			Harold Lehman		08/19/2005	
				User/Installer R	espo	onsibilities			
It is	s imp part/	cortant to understand component/assembly.	that the exi	stance of this docum	ent	alone does not	automatically	y constitute authori	ty to install
TITTWO	orthi	user/installer work ness Authority of the ness Authority accept	country spec	cified in Block 1. ii	18	eggential that	the meanling	shallow amount that	
COLLCA	arii a	s in Block 14 and 19 n installation certif may be flown.	do not constication issue	itute installation co ed in accordance with	erti n th	fication. In a	ll cases, ain lations by th	ccraft maintenance r ne user/installer be:	ecords must fore the

1. Approving National Aviation Authority/Country  FAA/United States  2.  AUTHORIZED RI  FAA Form 8130-3, AIF  4. Organization Name and Address:     Main Turbo Systems, Inc.     234 Cotta Court     Visalia, Ca. 93292     U.S.A.			*			3. Form Tracking Number: Invoice# 29440	
			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 Nu	umber: 12. Status/Work:	
13. Remai	AIRESEARCH TURBOCHARGER	406610-9005	Various	1	LKR0184	Overhauled	
14. Certific	1. This unit overhauled in accordance 2. All service bulletins and A.D. notes 3. No other.  es the items identified above were manufactured in cord Approved design data and are in a condi Non-approved design data specified in B	complied with.  formity to:  tion for safe operation.	Certifies that	in Block 13 wa llations, part 43	e specified in Block	Other regulation specified in Block 13 13, the work identified in Block 12 accordance with Title 14, Code of at work, the items are approved for	
17. Name (	(typed or Printed):	18. Date (m/d/y):	22 Name (Sweet or 5	Ordinated by .		MAMR190K	
reaming (	(Aber of Linter):	to. Date (m/d/y):	22. Name (Typed or F	rinted); /		23. Date (m/d/y);	

#### User/Installer Responsibilities

GARY MAIN

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.

23. Date (m/d/y):

1/5/2007

1. Approving Autho	g Na rity/	tio Co	na un	i Av try	/lat	io
		_			• •	

#### **FAA/United States**

# **AUTHORIZED RELEASE CERTIFICATE**

FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

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

3. Form Tracking Number:

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
		·				
3. Remark	ks: 1. This unit overhauled in accordance 2. All service bulletins and A.D. notes 3. no other.		***************************************			
	This unit overhauled in accordance     All service bulletins and A.D. notes     no other.	complied with.	19.			
	<ol> <li>This unit overhauled in accordance</li> <li>All service bulletins and A.D. notes</li> </ol>	formity to: tion for safe operation.	Certifies that	ılations, part 43	Service Other se specified in Block 13, the vas accomplished in accordan and in respect to that work, the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the contr	regulation specified in Block 13 vork identified in Block 12 ce with Title 14, Code of the items are approved for
i. Certifie	This unit overhauled in accordance     All service bulletins and A.D. notes     no other.      the items identified above were manufactured in con-	formity to: tion for safe operation.	Certifies that and describe Federal Reg	unless otherwis d in Block 13 wa plations, part 43 rice.	se specified in Block 13, the vas accomplished in accordan	vork identified in Block 12 ce with Title 14. Code of
i. Certifie	This unit overhauled in accordance     All service bulletins and A.D. notes     no other.      the items identified above were manufactured in con- Approved design data and are in a condit Non-approved design data specified in B.	formity to: tion for safe operation. lock 13.	Certifies that and describe Federal Reg return to ser	unless otherwisd in Block 13 walations, part 43 rice.	se specified in Block 13, the vas accomplished in accordan	vork identified in Block 12 ce with Title 14, Code of the items are approved for

1. Approving National Aviation Authority/Country  FAA/United States  2.		AUTHORIZED	RELEASE C	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 N	umber:	12. Status/Work:
1	AIRESEARCH PRESSURE RELIEF VALVE	470944-12	Various	1	HCO162		Overhauled
13. Rema	1. This unit overhauled in accor 2. All service bulletins and A.D. 3. no other.  Ties the Items Identified above were manufacture Approved design data and are in a Non-approved design data specific	d in conformity to: condition for safe operation.	19.	oed in Block 13 w gulations, part 43	se specified in Bloc	k 13. the wo	egulation specified in Block 13 ork identified in Block 12 e with Title 14, Code of e items are approved for
15. Auth	orized Signature:	16. Approval/Authorization I	No.: 20. Authorized Si	gnature:	•		21. Approval/Certificate No.: MAMR190K
17. Nam	e (typed or Printed):	18. Date (m/d/y):	22. Name (Typed Gary	or Printed): 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. Approvi	ng National Aviation ority/Country  FAA/United States	AUTHORIZED F	RELEASE CE			3. Form Tracking Number:		
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: 1	1. Serial/Batch Nu	ımber:	12. Status/Work:	
1	GARRETT WASTEGATE	470908-9011	Various	1	YJO28326		Overhauled	
					į.			
								-
13. Rema	nks:  1. This unit overhauled in accor 2. All service bulletins and A.D. 3. no other.	dance with latest manufactures manual. notes complied with.		, .	** :			
Approved design data and are in a condition for safe operation.  Non-approved design data specified in Block 13.				43.9 Return to S unless otherwise d in Block 13 was ulations, part 43 a vice.	specified in Block	k 13, the work in	ation specified in Block 13 dentified in Block 12 th Title 14, Code of ms are approved for	
15. Autho	rized Signature:	16. Approval/Authorization No.	: 20. Authorized signa	ature:		21. 4	Approval/Certificate No.: MAMR190K	
17. Name (typed or Printed): 18. Date (m/d/y):		22. Name (Type Lor Gary N			23. [	Date (m/d/y): Mar/27/2007		
<b></b>		Us	er/Installer Responsil	bilities				
It is in Wher instal instal	nportant to understand that the existence of e the user/installer performs work in accord ler ensures that his/her airworthiness autho lation certification. In all cases, aircraft main	this document alone does not automatically cor ance with the national regulations of an Airworth rity accepts parts/components/assemblies from tenance records must contain an installation ce	nstitute authority to install the par niness Authority different than the the airworthiness authority of the rtification issued in accordance v	rt / component / ass e airworthiness auth e country specified i with the national reg	embly. lority of the country n block 1, Statemen ulations by the user	specified in block ts in block 14 and /installer before ti	1, it is essential that the user/ 119 do not constitute ne aircraft may be flown.	