Aircraft Engine Test Verification

This document verifies that the engine model listed below has satisfactorily completed all testing listed below in accordance with TCM standard engine testing specifications as approved by the FAA.

Engine Model

10550 N42B

Engine Serial Number

689998

Testing Completed

Standard Acceptance Test:

Date of Completion 1/-15-06 Test Operator





Teledyne Continental Motors, Inc.

Form No 98344



Teledyne Continental Motors, Inc. A Teledyne Technologies Company

Engine Component Information Sheet

Printed:

11/16/2006

Serial:

689998

Assembled:

11/14/2006

Spec:

I0550N42B

Shipped:

New/Rebuilt: (NEW)

Packed:

11/16/2006

Customer Name:

CIRRUS DESIGN CORPORATION

Shipping Address:

Component	Serial Number	Component	Serial Number
CAMSHAFT	Z06JA202	OIL COOLER	106-4772-711
CRANKSHAFT	N06HA367	CYLINDER-1	AC05KA211
CRANKCASE	R06HA066	CYLINDER - 2	AC05KA800
CONNROD	AE06IB633	CYLINDER - 3	AC05KA600
CONNROD	AE06IB722	CYLINDER - 4	AC05KA231
CONNROD	AE06IB660	CYLINDER - 5	AC05KA544
CONNROD	AE06IB676	CYLINDER - 6	AC05KA579
CONNROD	AE06IB635	NOZZLE - 1	1234
CONNROD	AE06IB629	NOZZLE - 2	2234
, MAGNETO	D06KA064	NOZZLE - 3	3239
R MAGNETO	D06KA065	NOZZLE - 4	4236
FUEL PUMP	B06JA262	NOZZLE - 5	5236
MANIFOLD VALVE	C06JA205	NOZZLE - 6	6229
ETERING UNIT	A06JA254	PSTN WGT	WM
TARTER	06 247 0024		
ALTERNATOR	006JA147		

Pack Inspection Stamp All of the information provided herein is subject to verification by the user. Teledyne Continental Motors, Inc. makes no representation or warranty concerning the accuracy or completeness of the information and assumes no responsibility with respect thereto.

TCM Eng. odel	10-550N42B
TCM Serial#	689998
Test Document	TH-3215 Rev G
Software Release#	1.98, 05/13/04
Start Time	11/15/06, 09:45:53
Accepted Time	1-1/15/06, 12:01:09
Cell# & Operator	TES: 8, 29274
Sea Level Power	310 HP @ 2700 Prop RPM
Vapor Pressure	0.75 In HG
Temp, Wet Baro	71.26 F, 29.52 In HG

Teledyne Cont ental Motors Aircraft Engine Standard Acceptance Test Log

Test Club#	C5108A
Rard Pitch	20°±.5
Actual Pitch	20°
Mixture Check	Pass
Alternator Check	PASS

Mag Data	Required	Ctual
Eng Speed Both	2100	2112
Eng Speed Right	N/A	2047
Right Mag Drop	150	65
Eng Speed Left	N/A	2037
Left Mag Drop	150	75
Mag Drop Spread	50	10
Fuel Flow (Ref.)	62	68

The state of the s					Note	: Magneto d	Magneto check between Run 2 & 3			
Run Information	Run 1	Run 2	Run 3	Run 4	Run 5	Run 6	Run 7	Run 8		
Time Of Day	09:53:47	09:55:11	09:59:20	10:05:05	10:15:13	10:31:53	10:40:09	11:47:28		
Run Time Rqd (MM:SS)	01:00	01:00	01:00	10:00	10:00	01:00	10:00	05:00		
Run Time	01:38	01:00	01:54	10:00	10:00	01:00	10:00	05:00		
Prop Speed Rad (RPM)	1175-1225	1575-1625	2425-2475	2719-2769	2485-2510	575-625	2479-2504	2477-2502		
Prop Speed	1223	1594	2450	2746	2498	620	2489	2489		
Manifold Press Rqd (inHg)	N/A	N/A	N/A	25.8-28.8	N/A	18.5 MAX	N/A	N/A		
Manifold Press	11.5	13.2	20.9	27.5	23.0	12.5	22.5	22.4		
Turbo Dis Press Rad (InHg)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
Turbo Dis Press	28.9	28.9	28.8	28.8	28.8	28.8	28.8	28.8		
Fuel Flow Rqd (lb/hr)	N/A	N/A	N/A	151.7-161.7	106.5-122.5	N/A	N/A	N/A		
Fuel Flow	21.5	33.6	102.1	154.6	113.8	8.6	110.1	110.4		
Nozzie Press Rad (PSID)	N/A	. N/A	N/A	19.9-20.5	12.4-13.6	N/A	N/A	N/A		
Nozzle Press	4.5	5.0	12.1	20.4	13.3	4.0	12.9	12.9		
Fuel Pump Press Rad (PSIG)	N/A	N/A	N/A	30.0 REF	N/A	8.0-10.0	N/A	N/A		
Fuel Pump Press	14.8	18.3	29.3	30.9	29.2	10.0	28.5	28.8		
Fuel Temp Rqd (°F)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
Fuel Temp	70	71	75	79	83	79	76	73		
Ambient Temp Rad (°F)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
Ambient Temp	70	72	75	77	77	74	73	70		
Eng Inlet Oil Temp Rqd (°F)	90-240	120-240	165-240	180-240	165-240	140-240	165-240	165-240		
Eng Inlet Oil Temp	136	148	167	180	196	172	165	165		
Eng Oil Press Rad (PSIG)	30.0 MIN	30.0 MIN	30.0 MIN	49.6-60.6	30.0 MIN	18.7 MIN	30.0 MIN	30.0 MIN		
Eng Oil Press	48.7	50.9	56.4	54.5	50.7	32.2	57.9	58.0		
Min Cylinder Temp Rad (°F)	150 MIN	175 MIN	250 MIN	250 MIN	250 MIN	N/A	250 MIN	250 MIN		
Max Cylinder Temp Rqd (°F)	460 MAX	460 MAX	460 MAX	460 MAX	460 MAX	460 MAX	460 MAX	460 MAX		
Cylinder 1 Temp	255	266	326	366	376	243	326	335		
Cylinder 2 Temp	246	278	346	388	403	250	338	349		
Cylinder 3 Temp	230	229	290	326	334	230	293	296		
Cylinder 4 Temp	234	262	340	354	372	239	317	324		
Cylinder 5 Temp	200	218	292	340	338	213	296	303		
Cylinder 6 Temp	165	182	250	284	290	179	251	256		
Collar Press Differential Rgd (PSID)	N/A	N/A	N/A	15.6 MAX	N/A	N/A	N/A	N/A		
Collar Press Differential	1.3	1.1	0.8	0.2	0.1	-0.2	0.8	0.9		



N335A
Continental Engine
Model: I.O.-550-N
Engine S/N. 689998
Engine Total Time 1302:5
Engine Time Since Major Overhaul
0:00

Engine Overhauled Sept. 17, 2012 Under W.O. 212172

Done By
Zephyr Aircraft Engines Inc.
CRS # VI4R597M
39320 B Avenue
Zephyrhills, Florida 33542
Phone 813-788-3305
Fax 813-788-4412

ZEPHYR AIRCRAFT ENGINES INC. CERTIFICATE of LIMITED WARRANTY

ZEPHYR AIRCRAFT ENGINES INC. (hereinafter Zephyr) makes the following warranty to it's customer subject to the limitations, conditions and exclusions set forth below.

WARRANTY COVERAGE-For a period of two years, or 500 hours following installation; Zephyr shall repair any aircraft engine which is found to be defective to mutual satisfaction, within said warranty period. After two years of operation, or 500 hours, and prior to manufacturers published TBO the cost of repairs including parts and labor shall be prorated in the following manner. The customer shall pay the net price for parts and labor used in effecting the repair divided by the applicable TBO, then multiplied by the number of hours on the engine which shall be deemed the greater of the actual hours in service of time at 40 hours per calendar month from the date of installation. The repair of any engine under the foregoing warranty shall not extend the period of warranty coverage set forth above.

CONDITIONS and PROCEDURES for OBTAINING WARRANTY WORK-The engine or component thereof may be returned prepaid to Zephyrs' facility at Zephyrhills Florida with details in writing of the defect together with the log substantiation installation dates and time in service. Authorization must be obtained from Zephyr before repairs covered by warranty may be performed outside Zephyrs' shop. In no event shall allowable labor costs exceed local published shops regular rates and Zephyrs' time allowance. The foregoing warranty shall apply only if the engine has been properly installed and maintained in accordance with FAR's and manufacturers recommendations as specified in applicable factory service publications. The performance of said maintenance and inspections must be documented by logbook entries. Zephyr must be given notice within 10 day of discovery.

LIMITATIONS, EXCLUSIONS and DISCLAIMERS-Zephyr shall not assume freight charges, transportation or delivery expenses, installation or removal costs or airframe repairs all of which are excluded under the warranty. Zephyr does not warrant vendor items such as starters, magnetos. alternators, new cylinders, carburetors, fuel injectors, turbo system components, or crankcase and crankshaft repair as obtained from manufacturer or vendor. Zephyr will use it's best efforts to obtain warranty from the vendor of such items and pass all amounts recovered to customer. This warranty shall not apply to any engine which has been subject to misuse, neglect, accident, or operated in any manner which in the judgement of Zephyr has had an adverse affect on the engine or part. In the event of a dispute both parties shall agree to mediation prior to commencement of legal action.

THE FOREGOING WARRANTY IN LIEU OF ALL OTHER WARRANTIES OR REPRESENTATIONS, EXPRESS OR IMPLIED, ARISING BY OPERATION OF LAW OR OTHERWISE, INCLUDING WITHOUT LIMITATION THE WARRANTY OR MERCHANTABILITY OR FITNESS FOR PARTICULAR PURPOSE WHICH WARRANTIES ARE HEREBY EXCLUDED. Zephyrs' liability hereunder shall be limited to the repair of any engine or part found to be defective within the applicable warranty period as set forth above. IN NO WAY SHALL ZEPHYR BE LIABLE FOR CONSEQUENTIAL OR INCIDENTAL DAMAGES OR ECONOMIC LOSS OF ANY NATURE WHETHER ARISING IN CONTRACT OR TORT, INCLUDING STRICT LIABILITY IN TORT OR NEGLIGENCE ON THE PART OF ZEPHYR.

Engine Mod. I.O. - 550-N

Serial number 689998 W.O. # Date Auth. Signature
212172 9/17/2012 Seeme Volled

WO # 212172	CONTINENTAL 10-550-N	ADVANCE	'D AIRCRAF	T SERVICES
THENTHUMBER	DESCRIPTION	OTY	DAIRCIGI	A OZZZ
64990	CRANKSHAFT	A CONTRACTOR OF THE PARTY OF TH	SN-N08GA10	0
IO-550	CRANKCASE REPAIR		BY DIVCO	CN655435
SA646550-A1	GASKET SET	1	BI DIVEO	CITODO IOD
641250	NOSE SEAL	1		
646592A2	MAIN BEARING SET	1		
642398	ROD BEARING	12		
530658	ROD BUSHING	6		
655958	ROD BOSHING			
654490	NUT ROD	12 12		
656990	BOLT CRK END GEAR	6		
654587-,44	BOLTS CAM	4		
649205	BOLTS ALT FACE	4		
641909	LOCK PLATES ALT FACE	•		
NAS1805-4	12 POINT NUTS	2		
641931-10.75	THRU BOLTS	8		
654084-J R	CAMSHAFT REGROUND	1		
SA646277	LIFTERS	6		
SA628488	LIFTERS	6		
X13041	BALL BEARING	1		
641368	NEEDLE BEARING	1		
501867	LOCK TAB	1		
MS35756-8	KEY	1		
630680	BEARING ROLLER	1		
534685	BALL BEARING	1		
521649-3	SNAP RING	1		
642335A1	SCREW KIT & PLUNGER	1		
634150	SPRING O-PRESS	1		
630046	PISTON PINS	6		
656642	ROCKER SHAFT	12		
501868	LOCK TABS	24		
655269	MAG BUSHING	4		
CH48109-1	OIL FILTER	1		
CAM539800M01	5 SPRING STARTER	1		
653470	GASKET STARTER	1		
652963	BUSHING ROCKER ARM			
653353-8A1	THROTTLE BODY O/H	1	S/N A06JA2	
646433-9A4	MANIFOLD VALVE O/H	1	S/N C06JA20	
655921-3A1	FUEL PUMP O/H OIL COOLER O/H	1	S/N B06JA20	
654585 10281A	MAG O/H	1	S/N D11-934	
10-500556-1	MAG O/H MAG O/H	. 1	S/N D06KA0	
10-500556-1	GASKET	1	S/N D06KA0	000
X1473	HOSES INTAKE	6 6		
654439-2	SPARK PLUG	-		
URHB32E	HOSE	12 1		
646644\$4\$7.00		1		
646644S4Y10.62		1		

STAPLES'

646644R4S14.00	HOSE	1
655303	ID TAG TUNED FUEL INJ	6
10-423674-19	IGNITION HARNESS KIT	1
CYLINDER PAR	<u>rs</u>	
636282O/S	GUIDE	6
655166O/S	GUIDE	6
AEC637781	VALVE	6
24802	KEY	24
654441	KEY	12
658842	SPRING	12
646985	SEAL	6
652112	ROTO COIL	6
654716P10	RING SET	6
654587P10	PISTON	6

AD NOTES COMPLIANCE RECORD

Engine - Teledyne Continental - IO-550-N

689998

Engine overhauled by Zephyr Aircraft Engines Inc. under W.O. #212172. Installed [6] O/H P010 cylinder asm. Installed new TCM Crankshaft & Damper Asm. P/N.649900 SN.N08GA109, Crankcase repaired by Divco, Camshaft reground, Fuel system O/H, Magneto's O/H, Oil cooler O/H, New Bendix harness and Tempest spark plugs. No other accessories done nor supplied by this agency at this time.

AD#	Applicable S.B. # & Subject	Date & Hours @ Comp.	Method of Compliance	Une Time	Recurring	Next Comp. @ Hrs/Date	Authorized Signature & Number
88-03-06	Oil filter	09/12/2012 at O/H	Installed new oil filter P/N. CH48109-1	×			James H Earnest J VI4R597M
91-19-03	Champion oil filter	09/12/2012 at O/H	Installed new oil filter P/N. CH48109-1	x			James H. Earnest J VI4R59 M
93-08-17	Incorrect oil pick-up tube	09/12/2012 at O/H	N/A by Model per TCM S.B M91-10 rev.1	x			James H. Earnest Ji VI4R597M
93-10-02	Cylinder valve retainer	09/12/2012 at O/H	Installed [6] O/H P010 cylinder assy. ALL keys in place.	x			James H. Earnest Jr VI4R597M
93-16-15	Fuel pumps	09/12/2012 at O/H	N/A. By engine model & fuel pump P/N.	x			James H. Earnest Jr VI4R597M
PL98-01-08	Exhaust roller rocker arms	09/12/2012 at O/H	N/A - not installed.	x			James H. Earnest Jr VI4R597M
PL99-09-17	Crankshaft failure		Superseded by 99-19-01	x	П		James H. Earnest Jr VI4R597M
99-19-01	Crankshaft failure	09/16/2008 at O/H	Installed New TCM crankshaft & damper assy. P/N.649900 S/N.N08GA109	x	П		James H. Earnest Jr. VI4R597M
PL2000-08-51	Crankshaft connecting rod journal fracture		Superseded by 2000-23-21	x	П		James H. Earnest Jr. VI4R597M
2000-23-21	Fracture of the crankshaft connecting rod journal	09/12/2012 at O/H	N/A. per TCM M.S.B. 00-5C by Date of crankshaft & engine S/N Crankshaft S/N.N08GA109 550	x			James H. Earnest Jr. VI4R59 M
2004-08-10	Prevent loss of engine power	09/12/2012 at O/H	N/A. by cylinder manufacture.	x			James H. Earnest Jr. VI4R597 V I
2009-16-03	To prevent the separation of the cylinder head	09/12/2012 at O/H	N/A. by manufacture of cylinders installed on engine.	x			James H. Earnest Jr VI4R597M
2009-24-52	To address rapid wear on the face of hydraulic lifters		Superseded by:2010-11-04	x	T		James H. Earliest Jr. VI4R597M
2010-11-04	To prevent excessive hydraulic lifter wear		N/A by P/N of lifters. Installed 6 New Superior P/N.SA646277 & 6 P/N.SA628488.	x			James H. Earnest Jr. VI4R597M
2012-03-06	To prevent an in-flight shutdown due to a failed fuel servo diaphragm	09/12/2012 at O/H	NA by type of fuel system.		x	;	James H. Earnest Jr. VI4R597M
2012-10-13	To prevent starter adapter gear shaft failure	09/12/2012 at O/H	NA by P/N. of starter adapter.	x	T	<i>N</i> -	James H. Earnest Jr. //4R597M

Zephyr Aircraft Engines Inc.

ORS #VI4R592M

Approving Nation Authority/C	ional Aviation Country:	AUTHORIZED RELE FAA FORM 8130-3, AIRWOR	JEASE CERTIFICATE SAME AS BLOCK 5 ORTHINESS APPROVAL TAG				
4. Organization Name and A	Address: Teledy 2039 B	yne Continental Moto Broad Street e, Alabama 36601		5. Work Order/Contract/Invoice Number: P73094			
6. Item 1	7. Description CRANKSHA	AFT & DAMPER ASM	8. Fort Number:	9. Eligibility: N/A			
10. Quantity:	11. Serial/Batch Number: NO8GA109		12. Status/Work: NEW				
X Approved d		re manufactured in-conformity to: condition for safe operation. d in Block 13.	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX			
15. Authorized Signature:	L Nuko						
17. Name (Typed or Printe Daniel L	d: L. Nicholas	18. Date (m/d/y): SEP/16/2008	22. Name (Typed or Printed): XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	23. Date (m/d/y): XXX XXXXXXXXX			
		User/Installe	r Responsibilities				
, F	les mort in accordance wi	ore of this document alone does not automatically with the national regulations of an airworthiness at his/her airworthiness authority accepts parts/co	authorize different than the airworthiness auth	parity of the country specified in block 1.			

Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with

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

1. Approv	ving Civil Aviation Authority/Coun	try 2. AUTHOR	IZED RELEAS	E CERTIFIC	CATE 3. F	orm Tracking No.
	Transport Canada		12-098- 7/			
4. Organi		652 Ontario Ltd. Canadian A B Ego Side Road, RR #3, Orill Fax: (705)326-8105 info Transport Canada Approve	ia, Ontario, Can <mark>ada</mark> @canadianaeromanufa	cturing.com	5. \	Nork Order/Contract/Invoice 12-098
6. Item	7. Description	8.	Part No.	9. Qty.	10. Serial/Batch	No. 11. Status/work
1	Starter Clutch Spring	:	CAM539800M15	1	12-098- 21	New
13a. Certif	This TCCA-PDA Part is r		rmity to:	= El cars	71-10 N. Kit177-201	
13a. Certif	ies that the items identified above	were manufactured in confo	rmity to:		alito (vistini nariose)	
Х арр	roved design data and are in cond	lition for safe operation.			- ming	
non	approved design data specified in	n block 12.				Property and Control of the second
13b. Signs	ature (4.5	13c. Approved Organization	Number 110	10002	N. A.	Lin Survival Dog (1974) 11 1 11 11 11 11 11 11 11 11 11 11 11
Jan	· Tosp (NSP)	384-91			William Control	N//X
13d. Nam	e	13e. Date (dd/mmm/yyyy)	ति रेत	HG.		Ex- this edition of says
	Joe Frantz	13/Apr/2012		N N	O.C. E. T. DOM	SIA

Installer Responsibilities

This certificate does not constitute authority to install.

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

1. Approvin Autho	g National Aviation 2 rity/Country:	AUTHORIZ	ED R	ELEASI	E CERT	IFICATE		rm Tracking Number: # 107811
FAA/UI	NITED STATES	FAA Form	n 8130-3, AI	RWORTHINES	APPROVAL TA	G	-	rk Order/Contract/Invoice
4. Organiza	tion Name and Address:						Numb INVO	er: ICE #102444
2806 N. SHI TULSA, OK	ERIDAN RD				10. Quantity:	11. Serial/Batch Nu	mber:	12. Status/Work:
6. Item:	7. Description: CONTINENTAL IO-550 CRANKCASE	8. Part Number: CASTING #655435	9. N/A	Eligibility:*	1 EACH	MATCH #R06HA066		REPAIRED
CRANKCASE DATE COMPL WDC # 10781 CERTIFIES W FOR RELEASI 14. Sertifies t	E REPAIRED PER DIVCO AP LETED: 08/15/2012 1 FORK SPECIFIED IN BLOCK E TO SERVICE UNDER EAS LETT SERVICE UNDER EAS	D BORES TO MANUFACTURER'S LEPROVED PROCESS SPECS 77-00 S 12/13 WAS CARRIED OUT IN ACT OF SA PART 145 APPROVAL NUMBER OF WAR WERE MANUFACTURED OF SAFE OPERATION. IED IN Block 13.	CCORDANCE R EASA 145-52	19. 14 CFI Certifies the and describeral Re	R 43.9 Return to Ser at unless otherwise bed in Block 13 was gulations, part 43 a		lation sp	ecified in Block 13 ntified in Block 12 Fitle 14, Code of
15. Authorized	d Signature:	16. Approval/Author	ization No.:	return to so	ignature:	*	21. A	pproval/Certificate No.:
		1.		yers	Get Mys	5	DB2F	R762K
7. Name (Typ	oed or Printed):	18. Date (m/d/y):		22. Name (Typed	or Printed):		23. Da	ate (m/d/y):
				HÉESCHEL MY	TERS		AUG	15 2012
				ller Responsil				
here the user lock 1, it is ess Block1.	/installer performs work in sential that the user/installe Blocks 14 and 19 do not con	stence of this document alone does n accordance with the national reger ensures that his/her airworthin estitute installation certification. In the store the aircraft may be flown.	gulations of a ess authority	n airworthiness au accepts parts/com	thority different the conents/assemblies	n the airworthiness authorion the airworthiness au	ority of th thority o	f the country specified

NSN: 0052-00-012-9005

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

FAA Form 8130-3 (6-01)

DIVOO CRANKCASE WORK ORDER

WDC NO. 1U7811 DATE RECEIVED 7/36	NAD I	_
VVDC NO.	212.17	2
Carrie	er UPS	
Address 7 (4) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1	N. 1255	<i>43</i> 5
Phone 1815/188-200 Match No. Role		
Case Iviig.		
Customer Orders and Discrepancies	DATE	AECH. I.D.
RECEIVING/REPAIR SEQUENCE		. %
Preliminary Insp. clean and Prep. Includes removal of LYC anchored Thru bolts	1/20	$\Delta \Delta$
2. Record Previous Repair W.O.s	1 10 1	774
3. Record Deck Height LH 560 RH 560	18/	1
4. NDI (HIDDEN DAMAGE) Mark Discontinuities (go to step 8 if weld not required)	1767	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
5 Preheat and Arc Insp. (mim. 400 F)	16	+
Prep. For Welding and weld (Note Weld Areas in description of repair)	lax.	RK
7. Post Heat (4 Hrs. 400 F) Insp. For Crack Indications Visual	8/2	110
8. Relocate Stud/Through Bolt Holes	161	7-1
9. Mach. Cyl. Bore Surface	1471	(J.
10. Misc Deck Work	4 / 1	177
11. Cut Mating Surface	18/7	()/7
12, Rough Machine Bearing Bores (if required)	12/2/	X OI
13. If applicable install LYC anchored thru bolts Assemble/Torque	18/81	150
Description of Repair	1	E
Cut mating surfaces and		
resized bores to factory	ADLE	1201 -
limits. من يوز		
Reject Remarks	GIEL	21/
Maint. Rel./8130-3 Issued by Jkr Schifflygg Date	8-15-1	(n)
	PH	

STAPLES



ZEPHYR AIRCRAFT ENGINES, INC

FAA CERTIFIED REPAIR STATION # VI4R597M

39320 B AVE 813-788-3305

ZEPHYRHILLS, FL 33542 FAX 813-788-4412

W.O.# 212172

DATE: 09/13/2012

ADVANCED AIRCRAFT SERVICES 530 AIRPORT RD LITITZ, PA 17543

DESCRIPTION OF SERVICES:

CONTINENTAL IO-550-N ENGINE SN # 689998 DISASSEMBLED, ALL PARTS CLEANED AND INSPECTED, STEEL PARTS MAGNA FLUXED ENGINE REASSEMBLED MAJOR OVERHAULED TO FACTORY NEW TOLERANCES AND TEST RUN.

MAINTENANCE RELEASE

THIS AIRCRAFT, AIRCRAFT ENGINE (OR APPLIANCE) IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT MAINTENANCE RULES OF THE FEDERAL AVIATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE

PERTINENT DETAILS OF THIS REPAIR ARE ON FILE AT THIS AGENCY UNDER W.O.# 212172

DATE:09/13/2012

W.O.# 212172

FOR ZEPHYR AIRCRAFT ENGINES INC. 39320 B AVE, ZEPHYRHILLS, FL 33542

FAA CERTIFIED REPAIR STATION #VI4R597M

PRICE PER QUOTE **NEW CRANKSHAFT** \$26,900.00 \$7,130.00

SUBTOTAL: LESS DEPOSIT \$34,030.00

SUBTOTAL:

\$0.00 \$34,030.00

SALES TAX: 6%

SALES TAX: 1% DISCRETIONARY TAX ON \$5,000.00

FREIGHT

SHIPPED TO PA 1WAY FRT

\$200.00

TOTAL BALANCE DUE:

\$34,230.00