# PLATINUM ENGINE LOG BOOK



## **CONTINENTAL MOTORS**

USE ONLY FUEL CONFORMING TO ASTM D910
USE OF AUTOMOTIVE GAS IS NOT APPROVED.



Teledyne Continental Motors, Inc.

A Teledyne Technologies Company Printed: 08/03/2005

This engine model I0550N27

, Serial No. 917843 was manufactured on 08/03/2005

by Teledyne Continental Motors in accordance with approved design data and the applicable requirements of Part 21 of the Federal Aviation Regulation. The approved design data for this engine incorporates all changes required by applicable Airworthiness Directives and Teledyne Continental Motors Service Bulletins.

TELEDYNE CONTINENTAL MOTORS

A TELEDYNE TECHNOLOGIES COMPANY PRODUCTION CERTIFICATE NO. 508

ENGINE MODEL: 10550127 ENGINE S/N: 917843 REG. NO: N653CD WORK ORDER: 1567-11-2005	Hrs. Min.			ce and Maintenance	
ENGINE MODEL: 10550N27 ENGINE S/N: 917843 REG. NO: N653CD WORK ORDER: 1567-11-2005		Hrs. Min.	Installations, Inspection Modifications and Servi	ns, Airworthiness Directives, Specia ice Bulletins	al Inspectio
_			inc.	DATE: 11/4/2005 A/C TSN: ENG TT: 51.3 HOBBS: 51.3	
Engine Entries Changed oil and filter taken		hecked for metal. None for	und. Serviced with 8 qts AS 15W50.	Engine run and leak check good Oil sample	<del></del>
			in accordance with current regulations ity under the above W.O. number.	of the Federal Aviation Administration and is  Work Order: 1567-11-2005	_
UATE: 111412005	Todd Tonso	A&P.	<del></del>	Printed by EBis 3 (datcomedia.com)	
ENGINE MODEL: 10550N27 ENGINE S/N: 91784 REG. NO: 853CD WORK ORDER: 4693-09-2005	43 CIRRUS	Cirrus Design Repair Station No. YD5 4515 Taylor Circle Duluth, MN 55811 Phone: 218-788-3101	Factory Service Center	DATE: 9/20/2005 A/C TSN: ENG TT: HOBBS: 18.1	: :
Engine Entrie	e oil and fitter p/n 50857 one found. Ran engine	7-001, serviced engine with	n 8 quarts of 20W50 mineral oil. Cut ap d leak checks. Op's and leak checks a	art old filter, insplected old filter and drain plug re satisfactory. All work was accomplished	<del></del>
was repaired/inspec	cted in accordance with on file at this Certified I	current requirements of the Repair Station CBS YD5R8	e Federal Aviation Administration and i	traft engine, propeller, or appliance identified s approved for return to service. Pertinent	
DATE: 9/20/2005	Mitch Knas	W 1 2 V	SY	Work Order: 4693-09-2005 Printed by EBis 3 (datcomedia.com)	
		F			
CHANGED C	OIL AND FILTER. ENGINE WITH 8 (	AL- HANGAR P CONTINENTAL IO. OPENED OLD OIL	SHELL 15W50 AND CHAMPIO	JRPORT	LEN. UN —
		177			
		N653CD, MAKI HM: 107.3	E: CIRRUS, MODEL: SR , ACTT:107.3, WO: 5672	22, S/N: 1595, & 5673.	
WITH HOU	H AEROSHELL R INSPECTIO	E OIL AND OIL F 15W50 OIL.* CO N.* INSTALLE	FILTER, INSPECTED OIL OMPLIED WITH DEMON	FILTER CARTRIDGE, SERVICED STRATOR CARE PPROGRAM 100 TERNATE AIR DOOR HINGE.*	)
KLUULA	CRAFT, AIRFRAME, AIRCE TIONS OF THE FEDERAL . REPAIR ARE OV FILE AT T.	A VIA HON ADMINISTRATION	R APPLIANCE IDENTIFIED ABOVE WAS REP AND WAS FOUND AIRWORTHY AND IS AI	VAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT PPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS	· .
SIGNED	TRI-STATE/AERO, INC.	CRS HTR102C 6101 FLI	GHTLINE DRIVE EVANSVILLE, IN33	DATED: Der 20, 200_	5

Duto	ate Total Time Time Since Last Overhaul Installations, Inspections, Airworthiness Directives, Special		Engine Service and Maintenance Record		
	Hrs.	Min.	Hrs.	Min.	Modifications and Service Bulletins
Brought Forward		<b>→</b>			
-13-06	Holeb	129	1.8hr	5	This Engine Removed From AR N6538D
	7,2,000		,,,,,		God Para Stalka
					MAINTENANCE RELEASE
					The aircraft and or component identified was renaired and inspect
					accordance with current FAIR. S and was found sinearthy for retu
					service. Pertinent details of the repair are an in a under work ord
. <u></u>					No. 5920
					Date 2-13-06 30 / 2 pur john
					F.A.A. APPROVED REPAIR STA UNINO. Q6UR446Y
					Monaco Air pulciff uct
					4535 Airport Approach Road  Deleth, f#N 55311-1555
					Daily his cool
DATE: August 9	2006	NICINIE N	MODEL: I	0_550-N	N27B ENGINE S/N: 917843 ENGING T.T.: 174.8 W/O#: 7506R010
with Teledyne rings, lock tabs, thrust washers,	Continenta lock plate new piston	l Motor s, new c pins an	d, cleaned s Instruction	FAA RE 2039 I d, inspections for g rod bo	THE CONTINENTAL MOTORS  LEPAIR STATION No. TLYR435X  Broad Street – Mobile, AL 36615  Lected IAW TCM SB 96-11A, repaired as required and assembled in accordance for Continued Airworthiness. Engine assembled using new gaskets, seals, "O" olts, connecting rod nuts, new connecting rod bearings, new main bearings and equired. Crankcase overhauled and certified by TCM, see 8130-3. Crankshaft of magnetic particle and ultrasonic inspection methods, no indications noted.
with Teledyne rings, lock tabs, thrust washers, inspected IAW Crankshaft veri and exhaust lif Installed service 629747. Insta AC05DA914, anew piston ring magnetos with 643B. Installed	Continenta, lock plate new piston SB 96-11 fied to be ters P/N 6 eable cranklled service AC05FB02 sets P/N 6 rebuilt TC I new alter	I Motor s, new control prints and I want of the state of	d, cleaned in the second of th	FAA RE 2039 II d, inspections for g rod bo are as rec 10 using led in E drive gec AC05FI ker shaft I BL-500 5A1, 500	Broad Street – Mobile, AL 36615  Broad Street, Al 3
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	Date				Since Overhaul	Engine Service and Maintenance Record		
<u>.</u>		Hrs.	Min.	Hrs.	Min.	Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins		
	Brought Forward		>		-	The difference of the control of the		
				·	:			
		:						
	Et	NGINE MODE NGINE S/N: EG. NO: 2548		RFS)	Reno Fly 485 S. Rock B	ing Service, Inc. DATE:/		
	· W	ORK ORDER 587-07-2007	ti-	•	Reno, Nv 8950 Phone: 775-85	02 ··· TACH:		
	(1 s) oi	stem com	i sn917843 (eng. TT 174.8 smoh), including all Turbo Alley HL00221 and KHL00253. Serviced engine with ASW 100 min. e checks and determined to be satisfactory. is not installed.					
1		ne aircráft a	nd/or comp	onent(s) on 2	54SR was rep	paired and inspected in accordance with current FARs rules of the Federal		
-			ulations and	n 7		eturn to dervice.		
-	<u></u>	ATE/O		SIGN	±D:	Vork Order: 7587-07-2007  Printed by EBis 3 (datcomedia.com)		
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### Reno Flying Service, Inc.

485 S. Rock Blvd Hangar B Reno, Nv 89502

Phone: 775-856-5800 Fax: 775-856-5801

Date: 11/16/2007, 8:56 AM

**CUSTOMER INFORMATION** 

Cirrus Design Inc.

Reg. No. 254SR 2007 Cirrus SR22 Current A/C TT: 49, Tach:

A/C Serial: 22-2537

**Customer Invoice** Work Order: 7587-07-2007

Item: 1 - Airworthy Engine

Hours

Subtotal

Discrepancy

Remove Engine and Install a Cirrus supplied Engine.

Auth# 864822HQ

#### **Corrective Action**

Removed engine sn 689567 and installed sn917843 (eng. TT 174.8 smoh). including all Turbo Alley system componants new turbocharger sn#KHL00221 and KHL00253. Serviced engine with ASW 100 min oil. Time includes swapping of spec 48 componants & turbo alley componants to spec 27. Note supmemental maint. data on web is insufficient to facilitate engine change. Missing infor. found in Turbo Alley stc instuctions.Performed ground run leak ck/performance checks and determined to be satisfactory.Note pre heat pad on oil sump not installed. Cirrus did not have one available.

Note engine pre heat inop as pad on oil pan is not installed.

Note: orrigional intercoolers installed as Units supplied were incorrect type and fit.

Qty Unit	Part Number	Description	Serial Number	Unit Price	Subtotal
8 EA	100 MIN AS	Mineral Oil (P/O: Maint-1953) (Taxed)			
2 EA	32001C	Clamp (P/O: Maint-1710) (Taxed)			
2 EA	32012C	Clamp (P/O: Maint-2953) (Taxed)			
12 EA	630979-9	O Ring (P/O: Maint-2700) (Taxed)			
6 EA	640612	Seal (P/O: Maint-2287) (Taxed)			
1 EA	653981	gasket (Taxed)			
1	654012	gasket (P/O: Maint-2934) (Taxed)			
1	AN4C12A	Bolt (P/O: Maint-2965) (Taxed)			
1 EA	MS35769-11	gasket (P/O: Maint-2411) (Taxed)			
6 EA	X1473	Washer (Taxed)			
Sr.	Parts:	Shipping:	Item Sul	ototal:	22/10/075/2016

Item: 2 - Airworthy Airframe

Discrepancy

Remove L/H Wastegate and Controller and send to Main Turbo for Flush and Test.

Hours Subtotal

**Corrective Action** 

Removed Lh waste gate & turbo controller. Reinstalled after service by Main Turbo.

Outside Repair:

Main Turbo - Invoice #,

Item Subtotal: Parts: Shipping: Labor:

Item: 3 - Airworthy Airframe

Discrepancy

Replace all Oil Lines.

Hours

Subtotal

**Corrective Action** 

Replaced Oil Lines. Includes time to identify by part number and provide to Cirrus as not referanced in suplemental manuals.

Item Subtotal: Labor: Parts: Shipping:

#### Work completed for [254SR] on

	·	254SR	1604 07	
8. Description of Work Acc	complished	Nationality and Re		
N254SR				
16 Oct 2007				
RE STC SE10589SC				
newly installed engine s	sn 917843, in accordar round and flight operati	ats from previously approvence with Turbo Alley Inc. in onal checks and determine	od engine sn 689567 and transf stallation instructions Report No ed to be satisfactory.	ered to o. 22-
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