ENGINE BOOK~3

ENGINE LOGBOOK

ZS-KCY

FOR AIRCRAFT ZS-KCY

N258KC

VOLUME:

CA 21 - 27 E

Cell No. 2-4 LYCOMING (A Textron Company)

Production Automated Engine Test Log
Std Run-in Data Sheet

Form# T-001

Engine # : RL-35067-51E **Model # :** IO-360-A1B6D **Order # :** AR414485 **Preservation :** LPS 486
Operator 1: G GOULA **Accept/Date :** 2-25-10 **Test Mode :** Final **Part 3.2 Test**
Operator 2: **Accept/Date :** **BOM :** RENPL-RT5655 **Sign :**
Fuel Serial # : 700J0407 **Ignition Left :** G10AA113 **Ignition Right :**
Fuel Slave : NO **Ignit_L Slave :** NO **Ignit_R Slave :** NO **SW Rev :** 300-100195 H
Fuel Curve: C-12906-F360 **Float Bowl Connected to Fuel Pump Inlet :** YES **Barometer :** 29.08
Pre-Oil Temp : 166 **Pre-Oil Pres :** 94 **Setting # :** 2524054-11 **Read Time :** 2/25/10 07:56
ETS # : 632 **ETS Rev :** ECO-26873 **Date/Time :** 2/24/10 13:55 **Test Status :** Pass

Comments

Variations

The following minor variations to the applicable engine test specification were observed during this test and determined to be acceptable 'as is'. The acceptance of these variations will not affect air worthiness or performance.

1) .8 DEG LOW OIL TEMP @ FINAL IDLE
2)
3)
4)

Engr [signature] QC [signature] Date 2-25-2010

When / Test	Low Limit	Value	High Limit	Status
2 Runin @ 1500 for 5 min				
Allowable Speed Variation (RPM)	-75	4.3	75	Pass
Cylinder Head Temperature (DegF)		249.6	475	Pass
Inlet Air Temp (DegF)	0	56	110	Pass
5 Runin @ 1800 for 10 min				
Allowable Speed Variation (RPM)	-75	3.9	75	Pass
Cylinder Head Temperature (DegF)		266.3	475	Pass
Inlet Air Temp (DegF)	0	56.3	110	Pass
10 Runin @ 2200 for 10 min				
Allowable Speed Variation (RPM)	-75	1.4	75	Pass
Cylinder Head Temperature (DegF)		298.7	475	Pass
Inlet Air Temp (DegF)	0	55.2	110	Pass
13 MagChk @ 2200 for 1 min				
Magneto Dropoff - Each Mag (RPM)		64.7	150	Pass
Magneto Dropoff - Difference (RPM)		6	35	Pass
Cylinder Head Temperature (DegF)		297.7	475	Pass
Inlet Air Temp (DegF)	0	55.1	110	Pass
19 Idle @ 0 for 4 min				
Idle Speed (RPM)	600	670.5	700	Pass
Cylinder Head Temperature (DegF)		244.8	475	Pass
Oil Pressure @ Idle (PSI)	35	52.7		Pass
Inlet Air Temp (DegF)	0	53.5	110	Pass

Rev. 2-4 **LYCOMING** A Textron Company

Production Automated Engine Test Log
Std Airflow Data Sheet

Form# T-001

Engine # : RL-35067-51E	**Model # :** IO-360-A1B6D	**Order # :** AR414485		
Operator 1: G GDULA	**Accept/Date :** D. Gdula	**Test Mode :** Final		
Operator 2:	**Accept/Date :** 2-25-10	**BOM :** RENPL-RT5655		
Fuel Serial # : 70DJ7405	**Ignition Left :** G10AA113	**Ignition Right :**		
Fuel Slave : NO	**Ignit_L Slave :** NO	**Ignit_R Slave :** NO	**SW Rev :** 300-100195 H	
Fuel Curve: C-12906-F360	**Float Bowl Connected to Fuel Pump Inlet :** YES		**Barometer :** 29.03	
Pre-Oil Temp : 166	**Pre-Oil Pres :** 94	**Setting # :** 2524054-11	**Read Time :** 2/25/10 10:36	
ETS # : 632	**ETS Rev :** ECO-26873	**Date/Time :** 2/25/10 10:04	**Test Status :** Review	

Comments

Variations

The following minor variations to the applicable engine test specification were observed during this test and determined to be acceptable 'as is'. The acceptance of these variations will not affect air worthiness or performance.

1)_____
2)_____
3)_____
4)_____

Engr._____ Q.C._____ Date_____

When / Test	Low Limit	Value	High Limit	Status
22 Airflow @ AF-500 for 4 min				
Fuel Flow Limits (PPH)	45.5	46.62	51.3 @ AF-495	Pass
Fuel Nozzle Limits ("HG)	N/A	3.95	N/A	Pass
Cylinder Head Temperature (DegF)		283.1	475	Pass
Inlet Air Temp (DegF)	0	53.1	110	Pass
24 Airflow @ AF-900 for 4 min				
Fuel Flow Limits (PPH)	77.3	80.99	86.4 @ AF-904	Pass
Fuel Nozzle Limits ("HG)	N/A	10.89	N/A	Pass
Cylinder Head Temperature (DegF)		335.8	475	Pass
Inlet Air Temp (DegF)	0	53.5	110	Pass
26 Airflow @ AF-1000 for 4 min				
Fuel Flow Limits (PPH)	85.7	90.2	94.8 @ AF-998	Pass
Fuel Nozzle Limits ("HG)	12.1	13.4	14.5 @ AF-998	Pass
Cylinder Head Temperature (DegF)		353.8	475	Pass
Inlet Air Temp (DegF)	0	53.9	110	Pass
28 Rated @ Rated for 15 min				
Rated Speed (RPM)	2650	2707.6	2750	Pass
Manifold Pressure @ Rated ("HG)	26.5	27.48	28.5	Pass
Fuel Pressure @ Rated (PSI)	18	21.6	28	Pass
Oil Pressure @ Rated (PSI)	75	82.3	85	Pass
Air Flow Limits (PPH)	1118.6	1157.5		Pass
Cylinder Head Temperature (DegF)		340.7	475	Pass
Oil Gallery Temp @ Rated (DegF)	165	171	215	Pass
Inlet Air Temp (DegF)	0	54	110	Pass
31 Final_Idle @ 0 for 4 min				
Idle Speed (RPM)	600	659.7	700	Pass
Cylinder Head Temperature (DegF)		267.7	475	Pass
Oil Gallery Temp @ Final_Idle (DegF)	140	139.2	215	Review
Oil Pressure @ Idle (PSI)	35	53		Pass
Manifold Pressure @ Final Idle (In Hg)	8	14.2	17	Pass
Inlet Air Temp (DegF)	0	52.6	110	Pass
33 Manual @ N/A for 0 min				
Acceleration Check (sec)	0	5	5	Pass
Idle Cut-off Time (sec)	0	3	5	Pass

Instructions for use of this logbook

1 All entries must be made in accordance with the current Civil Aviation Regulations 1997, as amended

2 All entries must be legible and made in black ink /black ball point pen.

3 No pages may be removed from this logbook.

4 No entries shall be obliterated or erased. An erroneous entry shall be identified as such and signed and dated by the person who corrected the error. The use of correction fluids or any method of obliterating an entry is prohibited.

5 Owners and operators are responsible for:

(a) the safe keeping of this logbook.

(b) keeping the logbook up to date

(c) ensuring that this logbook is made available to persons authorised to examine it and all persons required by the Civil Aviation Regulations 1997, as amended to make the necessary entries after maintenance if and when required to do so.

6 All documents which are intended for retention in the logbook must be glued, to the appropriate page to ensure that the record will be retained for the period as prescribed in the Civil Aviation Regulations 1997, as amended.

7 All current records and information must be transferred from the previous logbook when a new logbook is opened. This information shall be certified as required by the person who transferred the information.

8 This logbook may only be utilised for the engine to which the serial number, make and designation appears.

AIRCRAFT ENGINE LOGBOOK

Make ..... LYCOMING .....

Model ..... IO-360-A1B6D .....

Serial Number ..... RL-35067-51E .....

Total Hours Since New..... 0 ..... Total Cycles Since New ..... —

Total Hours Since Overhaul..... — ..... Total Cycles Since Overhaul ..... —

Date of Manufacture ..... 2010/01/03 .....

Date of Last Overhaul ..... —

Date of Shockload or sudden stoppage applicable to piston or turbo propeller type engines.

— .....

This is engine log book volume .....

I hereby certify that the particulars as stated above are a true reflection of the historical records pertaining to this engine and these records have been pasted in the applicable section of this logbook.

Name ..... P. HANLY ..... Signature .....

AME Number ..... 196 ..... AMO certification stamp ..... Date ..... 13-4-2010 .....

ENGINE HISTORICAL RECORD

The following records are required to be placed on this page when opening a new logbook.

Release documentation from engine manufacturer or

LYCOMING
A Textron Company

652 Oliver Street
Williamsport, PA. 17701 U.S.A.

Form No. 2481 (3/04-LM)

This engine has been rebuilt in accordance with the applicable Lycoming specifications. All applicable Federal Aviation Administration Airworthiness Directives and Lycoming Service Bulletins have been complied with. All parts have been inspected and have been determined airworthy to return to service. All accessories as part of the type certificate are new or newly rebuilt. Refer to enclosed Form ET001 for applicable accessory part numbers and serial numbers.

Engine Model: **IO-360-A1B6D**
Serial #: **RL-35067-51E**
Total Time: **0.0**
Work Order #: **AR414485**
Date Completed: 3-1-10

Authorized Signature
Lou L. Adams

Lycoming Engines
652 Oliver Street
Williamsport, PA. 17701
Production Certificate # 3

SERVICEABLE PART

Manufacturer LYCOMING ENGINES
Part Name AIRCRAFT ENGINE
Model No. IO-360-A1B6D
Serial No. RL - 35067-51E
Remarks

The aircraft engine or accessory identified above was:
Rebuild

and inspected in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service.

Pertinent details of the work performed are on file at Lycoming Engines under order no: AR414485
Date 3-1-10
Signed Lou L Adams

Signature of Authorized Person

FOR: LYCOMING
A Textron Company
652 Oliver Street
Williamsport, PA 17701 USA
Production Certificate #3

Form 302A (3/04-LM)

RECORD OF MAJOR DEFECTS AND DAMAGE SUSTAINED

Date of Incident	Total Engine Time	Total Engine Cycles

Brief description of defect or damage sustained

_____

_____

_____

_____

_____

_____

_____

_____

I hereby certify that the information as recorded above is correct in every respect to the best of my knowledge.

Name ..... Signature .....

AME Number ..... AMO certification stamp ..... Date .....

RECORD OF MAJOR DEFECTS AND DAMAGE SUSTAINED

Date of Incident	Total Engine Time	Total Engine Cycles

Brief description of defect or damage sustained

_____

_____

_____

_____

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_____

_____

I hereby certify that the information as recorded above is correct in every respect to the best of my knowledge.

Name ..... Signature .....

AME Number ..... AMO certification stamp ..... Date .....

Engine Installation Record

Engine installed to aircraft ZS-IKCJ. Position on Aircraft FRONT

Total Engine time 0 Total Engine Cycles –

Total time since overhaul – Total Cycles since Overhaul –

Approval Number of organisation who performed the maintenance .....

Type of maintenance performed ☐ shockload inspection ☐ overhaul ☐ repair ☐ other

I hereby certify that in carrying out the abovementioned installation all applicable conditions and requirements as required by the Civil Aviation Regulations 1997, as amended have been met.

Engine installed by S.A. MOONEY Signature .....

AME Number 196 AMO Stamp AMO 196 S.A. MOONEY Date 13-4-2010

(Note 1. Attach CRMA pertaining to this maintenance to page 8 at the note1 position)

Engine Removal Record

Engine removed from Z..... Total Engine Time .....Total Engine Cycles .....

Reasons for removal .....

.....

.....

Engine removed by ..... Signature .....

AME Number ..... AMO Stamp ..... Date .....

Engine Installation Record

Engine installed to aircraft Z ..... Position on Aircraft .....

Total Engine time ..... Total Engine Cycles .....

Total time since overhaul ..... Total Cycles since Overhaul .....

Type of maintenance performed ☐ shockload inspection ☐ overhaul ☐ repair ☐ other

Approval Number of organisation who performed maintenance .....

I hereby certify that in carrying out the abovementioned installation all applicable conditions and requirements as required by the Civil Aviation Regulations 1997, as amended have been met.

Engine installed by ..... Signature .....

AME Number ..... AMO Stamp ..... Date .....

(Note 2. Attach CRMA pertaining to this maintenance to page 8 at the note 2 position)

Engine Removal Record

Engine removed from Z .....Total Engine Time ..... Total Engine Cycles .....

Reasons for removal .....

.....

.....

Engine removed by ..... Signature .....

AME Number ..... AMO Stamp ..... Date .....

ENGINE COMPONENT RECORD

Note at the time of opening this logbook this must be completed

Component	Serial Number	Total Time	Total cycles	Overhauled by	Release certificate Number

LYCOMING
A Textron Company

652 Oliver Street Williamsport, PA 17701 U.S.A.

RECORD of ACCESSORIES AND MAJOR PARTS SHIPPED with ENGINE

Model No: IO-360-A1B6D Serial No: RL-35067-51E Enpl: RENPL-RT5655

Order No AR414485 TC No: 1E10 Date: 2/26/10

Part Name	Part Number	Manufacturer	Serial	Setting
CARBURETOR				
INJECTOR	73937	PAM	70DJ7405	2524054-11
LT ALTERNATOR RT ALTERNATOR				
MAGNETO LEFT MAGNETO RIGHT MAGNETO DUAL LASER IGN CONT	66E21563	TCM	G10AA113	
STARTER	31B23592	KELLY	FN-480984	
FUEL PUMP	LW-15473	LYC	0210	
IGN HARNESS L IGN HARNESS R LASER IGN HARNESS	67H21450 67H21450	TCM		
SPARK PLUG	1182-F7	Champion		
LT TURBOCHARGER RT TURBOCHARGER				
BYPASS VALVE				
DENSITY CONTR.				
PRESS. CONTR.				
AB PRESS REL.				
#1 INTERCOOLER #2 INTERCOOLER				

CRANKCASE MATCH NO. TPF1114 CRANKSHAFT SERIAL NO. 117091

All accessories listed are 0 (zero) time since New or 0 (zero) time since Overhaul.
All accessories are new unless part number is succeeded by –85 or –70.

Released: Inspector 114 Date: 2/26/2010 C of A Issued Date:

NOTE: Form to be used on all New, Overhauled, Rebuilt Engine Models.

Form ET-001 (REV 03/05)

I hereby certify that the information as recorded above is correct in every respect and reflects the historical record of components fitted to the aircraft and such proof exists.

Name S.A. MOONEY Signature .....

AME Number 196 AMO certification stamp AMO 196 S.A. MOONEY Date 13-4-2010

ENGINE COMPONENT RECORD

LYCOMING
A Textron Company

652 Oliver Street Williamsport, PA 17701 U.S.A.

RECORD of ACCESSORIES AND MAJOR PARTS SHIPPED with ENGINE

Model No: **IO-360-A1B6D** Serial No: **RL-35067-51E** Enpl: **RENPL-RT5655**

Order No **AR414485** TC No: **1E10** Date: **2/26/10**

Part Name	Part Number	Manufacturer	Serial	Setting
CARBURETOR				
INJECTOR	73937	PAM	70DJ7405	2524054-11
LT ALTERNATOR RT ALTERNATOR				
MAGNETO LEFT MAGNETO RIGHT MAGNETO DUAL LASER IGN CONT	66E21563	TCM	G10AA113	
STARTER	31B23592	KELLY	FN-480984	
FUEL PUMP	LW-15473	LYC	0210	
IGN HARNESS L IGN HARNESS R LASER IGN HARNESS	67H21450 67H21450	TCM		
SPARK PLUG	1182-F7	Champion		
LT TURBOCHARGER RT TURBOCHARGER				
BYPASS VALVE				
DENSITY CONTR.				
PRESS. CONTR.				
AB PRESS REL.				
#1 INTERCOOLER #2 INTERCOOLER				

CRANKCASE MATCH NO. **TPF1114** CRANKSHAFT SERIAL NO. **117091**

All accessories listed are 0 (zero) time since New or 0 (zero) time since Overhaul.
All accessories are new unless part number is succeeded by –85 or –70.

Released: Inspector 114 Date: **2/26/2010** C of A Issued Date: _____

NOTE: Form to be used on all New, Overhauled, Rebuilt Engine Models.

Form ET-001 (REV 03/05)

MODIFICATIONS EMBODIED

Description of modification .....

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Modification approval number .....

I hereby certify that in carrying out the modification all applicable conditions as laid down in the Civil Aviation Regulations 1997, as amended have been complied with.

Modification carried out by ..... Signature .....

Date .....

AMO Stamp .....

MODIFICATIONS EMBODIED

Description of modification

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Modification approval number .....

I hereby certify that in carrying out the modification all applicable conditions as laid down in the Civil Aviation Regulations 1997, as amended have been complied with.

Modification carried out by ..... Signature .....

AMO Stamp ..... Date .....

MODIFICATIONS EMBODIED

Description of modification

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.....

.....

Modification approval number .....

I hereby certify that in carrying out the modification all applicable conditions as laid down in the Civil Aviation Regulations 1997, as amended have been complied with.

Modification carried out by ..... Signature .....

AMO Stamp ..... Date .....

CLASS 2 PRODUCT OVERHAUL AND/OR REPLACEMENT RECORD

Component Designation	Serial No	Total Time	Release note No	* Installed By AME/AMO Number	Date of installation
McCAULEY CSU P/N D-20309-20	7741575	432,4	AIRCRAFT POWERPLANT CO CRM 42098	STELLAIR AMO 182	22 MAY 2015
ENGINE FLEXIBLE HOSES	—	0,0	REFER J/C No: 9894	STELLAIR AMO 182	22 MAY 2015
DUAL MAGNETO P/N D4LN-3000	G10AA13	600,8	AES REFER CRS 6643	STELLAIR AMO 182	6 AUG 2018
McCAULEY CSU MODEL C290D3K/T30	(P/N D-20309-20) 7741575	729,8	AEP CRS N°: 7509	STELLAIR AMO 182	21 MAY 2020

* *Note:* A signature in this column will be taken as certification that the maintenance specified has been carried out and all requirements as laid down in the Civil Aviation Regulations ~~1997~~, as amended have been met in every respect.

AIRWORTHINESS DIRECTIVE COMPLIANCE RECORD ONE TIME ACTION

LYCOMING
A Textron Company

652 Oliver Street Williamsport, PA 17701 U.S.A

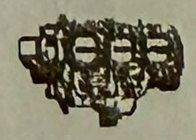
AIRWORTHINESS DIRECTIVE COMPLIANCE LIST

3/1/10

Engine Model No: **IO-360-A1B6D** Engine SN: **RL-35067-51E**

AD NO. / SB	RV	Description / Method of Compliance	Next Due	Once	Rec	Code	Sign
2002-12-07 543	B	OIL FILTER CONVERTER PLATE GASKET REPLACEMENT NEW P/N CONVERTER PLATE INSTALLED	N/A	X		1	3
2004-10-14 475	C	CRANKSHAFT GEAR MODIFICATION AND ASSY PROCEDURES NEW P/N INSTALLED	N/A	X		1	3
2005-19-11 566		Crankshaft replacement Replace Crankshaft	N/A	X		1	3
2006-06-16 566 Sup 1		Replace crankshaft Crankshaft replaced	N/A	X		1	3
2006-20-09 569	A	CRANKSHAFT REPLACEMENT REPLACE CRANKSHAFT	N/A	X		1	3
2008-14-07 342	E	FUEL LINE AND SUPPORT CLAMP INSPECTION & INSTALL NEW LINES INST. WITH NEW CLAMP	100 HOURS		X	1	3
2009-02-03 581		Inspection of Precision Airmotive Hex Plug in regulator cover New improved gasket P/N 2577258 installed	N/A	X		1	3
71-05-02 327	C	INSPECTION OF CENTER MAIN BEARING NEW INSTALLED	N/A	X		1	3
71-11-02 328		REPLACEMENT OF EXH & INT HYD TAPPET PLUNGERS NEW P/N HYD TAPPETS INSTALLED	N/A	X		1	3
73-23-01 367	F	INSP FOR CRACKS IN PISTON PINS INST NEW PARTS	N/A	X		1	3
75-09-15 382		BENDIX FUEL INJ RS-43 INSP OF MOD OF FLOW DIVIDERS NEW P/N GASKET INSTALLED	N/A	X		1	3
78-23-10 428		BENDIX FUEL INJ. BULLETIN RS-42 NEW P/N INSTALLED	N/A	X		1	3
79-04-05 433	A	BENDIX FUEL INJ. BULLETIN RS-57 NEW P/N INSTALLED	N/A	X		1	3
90-04-06 486	R1 A	PROPELLER GOVERNOR LINE SUPPORT NEW LINE W/STEEL CON. NUTS INS	N/A	X		1	3
92-12-05 501	B	LW-14077 PISTON PIN NEW PARTS INSTALLED	N/A	X		1	3
93-14-15 N/A		INST OF PLCKRD DENOTING OPER. NOT TO EXCEED 33.#HG FIELD COMPLIANCE AFTER STC	N/A	X		1	3
95-07-01 N/A		CONNECTING ROD BOLT FAILURE LYCOMING PART INSTALLED	N/A	X		1	3
95-26-02 398		ENGINES OPERATED WITH LOW OCTANE FUEL ENGINE IS NEW OR HAS BEEN REBUILT AT MANUFACTURER	N/A	X		1	3

Codes:
1 AD Applicable to Engine
2 AD Not Applicable to Engine
3 Field Compliance where applicable



ME/AMO Number

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ME/AMO Number

AD No	Date & Hours @ Comp.		Method of Compliance	Signature & AME / AMO No.
AD 75-08-09	22-May-15	4375,4 Hrs	Oil pump - C/W @ Engine O/H on 3 Jan 2010. (Ref SB 385C)	STELLAIR CC AMO 182 INSP NO. 1
AD 93-11-11	22-May-15	4375,4 Hrs	AC, Textron, Rajay fuel pumps found - N/A. (Ref SB 001)	
AD 2006-12-07	22-May-15	4375,4 Hrs	Cylinder assemblies found - N/A Eci not fitted (Ref SB 05-08 R2)	
AD 2012-03-07	22-May-15	4375,4 Hrs	HA-6 carburetor found - N/A by Type. (Ref SB-18 Rev A)	

** Note:* A signature in this column will be taken as certification that the maintenance specified has been carried out and all requirements as laid down in the Civil Aviation Regulations ~~1997~~, as amended have been met in every respect.

A Textron Company

652 Davis Street Williamsport, PA 17701 U.S.A.

3/1/10

Engine Model No: IO-360-A1B6D Engine SN: RL-35067-51E

AD NO / SB	RV	Description / Method of Compliance	Next Due	Once	Rec	Code	Sign
96-09-10 624		REPLACEMENT OF OIL PUMP IMPELLERS STEEL IMPELLERS INSTALLED	N/A	X		1	
96-23-03 626	A	HIGH PRESSURE FUEL PUMP INSTALLED LW-15473 NEWLY MANUFACTURED PUMPS INST	N/A	X		1	
97-15-11 627	C	RECALL OF PISTON PIN P/N LW-14077 NEW CONFIGURATION P/N INST.	N/A	X		1	
98-02-06 530	B	INSPECTION OF CRANKSHAFT ID FOR CORROSION MAG INSP./APPLY URETHABOND 104	N/A	X		1	
2003-14-03 629	B	ROTARY FUEL PUMP TORQUE NEW PUMP WITH "/M" SUFFIX INSTALLED	N/A		X	2	
84-16-05 298	Inactive	AC FUEL PUMP OIL SEAL NEW CONF. FUEL PUMP INSTALLED	N/A	X		2	
66-06-03 302	A	REPLACEMENT OF CONNECTING ROD ASSY NEW ROD CONFIGURATION	N/A	X		2	
66-20-04 307		OIL FILTER ADAPTER GASKET NEW CONF. GASKET INSTALLED	N/A	X		2	
67-22-06 305	4 B	REPLACEMENT OF BENDIX FUEL DIAPHRAGM ASSY NEW OR NEWLY O/H INSTALLED	N/A	X		2	
87-10-06 477	R1 A	INSPECTION AND REWORK OF LW-16790 ROCKER ARM ASSY NEW CONFIGURATION P/N INST.	N/A	X		2	
94-01-03 N/A	R2	DEFECTIVE IGN COILS AND ROTATING MAGNETS NEW CONFIGURATION PART INST.	N/A	X		2	
94-06-09 517		INCOMPLETE INTERNAL GROUNDING ON MAG CAPACITORS NEW CONF. CAPACITORS INSTALLED	N/A	X		2	
98-17-11 N/A		CRANKSHAFT REPAIRED BY NELSON BALANCING SERVICE MAG/PARTICLE INSP OF C/SHAFT	N/A	X		2	

Codes:
1 AD Applicable to Engine
2 AD Not Applicable to Engine
3 Field Compliance where applicable

FORM 8AA/1(REV 11/09)

AD No	Date & Hours @ Comp.		Method of Compliance	Signature & AME / AMO No.
AD 75-08-09	22-May-15	4375,4 Hrs	Oil pump - C/W @ Engine O/H on 3 Jan 2010. (Ref SB 385C)	STELLAIR CC AMO 182 INSP NO. 1
AD 93-11-11	22-May-15	4375,4 Hrs	AC, Textron, Rajay fuel pumps found - N/A. (Ref SB 001)	
AD 2006-12-07	22-May-15	4375,4 Hrs	Cylinder assemblies found - N/A Ecl not fitted. (Ref SB 05-08 R2)	
AD 2012-03-07	22-May-15	4375,4 Hrs	HA-6 carburetor found - N/A by Type. (Ref SB-18 Rev A)	

* *Note:* A signature in this column will be taken as certification that the maintenance specified has been carried out and all requirements as laid down in the Civil Aviation Regulations ~~1997~~, as amended have been met in every respect.

AIRWORTHINESS DIRECTIVE COMPLIANCE RECORD ONE TIME ACTION

AD No	Date	Method of compliance	* Signature	AME/AMO Number
/	13 MAY 2016			STELLAIR CC AMO 182 INSP NO.2
	Total time	NIL THIS TIME		
	479,6 Hrs			
	Date	Method of compliance	* Signature	AME/AMO Number
/	28 JULY 2017			STELLAIR CC AMO 182 INSP NO.2
	Total time	NIL THIS TIME		
	539,4 Hrs			
	Date	Method of compliance	* Signature	AME/AMO Number

AD No	Date & Hours @ Comp.		Method of Compliance	Signature & AME / AMO No.
AD 2017-16-11	29-Aug-18	600,8 Hrs	Engine Connecting Rod Assembly - Found N/A by S/N	STELLAIR CC AMO 182 INSP NO.2

	Total time Hrs			
	Date	Method of compliance	* Signature	AME/AMO Number
/	6 SEPT 2019			STELLAIR CC AMO 182 INSP NO.2
	Total time	NIL THIS TIME		
	653,1 Hrs			
	Date	Method of compliance	* Signature	AME/AMO Number
	Total time			
	Hrs			
	Date	Method of compliance	* Signature	AME/AMO Number
	Total time			
	Hrs			
	Date	Method of compliance	* Signature	AME/AMO Number
	Total time			
	Hrs			
	Date	Method of compliance	* Signature	AME/AMO Number
	Total time			
	Hrs			
	Date	Method of compliance	* Signature	AME/AMO Number
	Total time			
	Hrs			
	Date	Method of compliance	* Signature	AME/AMO Number
	Total time			
	Hrs			
	Date	Method of compliance	* Signature	AME/AMO Number
	Total time			
	Hrs			
	Date	Method of compliance	* Signature	AME/AMO Number
	Total time			
	Hrs			

** Note:* A signature in this column will be taken as certification that the maintenance specified has been carried out and all requirements as laid down in the Civil Aviation Regulations ~~1997~~, as amended have been met in every respect.

REPETITIVE AIRWORTHINESS DIRECTIVE COMPLIANCE RECORD

AD No	Date & Hours @ Comp.		Description	Signature & AME / AMO No.
AD 98-02-08	22-May-15	4375,4 Hrs	Crankshaft inspected iaw SB 505B and found satis.	STELLAIR CC AMO 182 INSP NO. 1
AD 2011-26-04	22-May-15	4375,4 Hrs	Fuel injector lines inspected iaw MSB 342D and found satis.	
AD 2012-03-06	22-May-15	4375,4 Hrs	Fuel servo diaphragm found - N/A by Type. (Ref MSB AFS-SB6 R2)	
AD 2012-19-01	22-May-15	4375,4 Hrs	Crankshaft - N/A by Engine & Crankshaft S/N. (Ref SB 569A)	

AD No	Date & Hours @ Comp.		Description	Signature & AME / AMO No.
AD 98-02-08	13-May-16	479,6 Hrs	Crankshaft corrosion found - N/A Engine fitted with a Variable Prop (Ref SB 505B)	STELLAIR CC AMO 182 INSP NO.2
AD 2011-26-04	13-May-16	479,6 Hrs	Superceded by AD 2015-19-07	
AD 2015-19-07	13-May-16	479,6 Hrs	External Fuel Injector Lines inspected iaw SB 342G and found satis.	

AD No	Date & Hours @ Comp.		Description	Signature & AME / AMO No.
AD 98-02-08	28-Jul-17	539,4 Hrs	Crankshaft corrosion inspected iaw SB 505B and found N/A Engine fitted with a Variable Prop (Ref SB 505B)	STELLAIR CC AMO 182 INSP NO.2
AD 2015-19-07	28-Jul-17	539,4 Hrs	Fuel injector lines inspected iaw MSB 342G and found satis.	

AD No	Date & Hours @ Comp.		Description	Signature & AME / AMO No.
AD 2015-19-07	29-Aug-18	600,8 Hrs	Fuel injector lines inspected iaw MSB 342G and found satis.	STELLAIR CC AMO 182 INSP NO.2

AD No	Date & Hours @ Comp.		Description	Signature & AME / AMO No.
AD 2015-19-07	06-Sep-19	653,1 Hrs	Fuel injector lines inspected iaw MSB 342G and found satis.	STELLAIR CC AMO 182 INSP NO.2

	Date	Method of compliance	* Signature	AME/AMO Number
	Total time Hrs			
	Date	Method of compliance	* Signature	AME/AMO Number
	Total time Hrs			
	Date	Method of compliance	* Signature	AME/AMO Number
	Total time Hrs			
	Date	Method of compliance	* Signature	AME/AMO Number
	Total time Hrs			
	Date	Method of compliance	* Signature	AME/AMO Number
	Total time Hrs			

* *Note:* A signature in this column will be taken as certification that the maintenance specified has been carried out and all requirements as laid down in the Civil Aviation Regulations ~~1997~~, as amended have been met in every respect.

SERVICE BULLETINS/LETTERS/INSTRUCTIONS

SB / SI No	Date & Hours @ Comp.		Description	Signature & AME / AMO No.
SB 385C	22-May-15	4375,4 Hrs	Oil pump - C/W @ Engine O/H on 3 Jan 2010. (Ref AD 75-08-09)	
SB 001	22-May-15	4375,4 Hrs	AC, Textron, Rajay fuel pumps found - N/A. (Ref AD 93-11-11)	
SB 05-08 R2	22-May-15	4375,4 Hrs	Cylinder assemblies found - N/A Eci not fitted. (Ref AD 2006-12-07)	
SB-18 Rev A	22-May-15	4375,4 Hrs	HA-6 carburetor found - N/A by Type. (Ref AD 2012-03-07)	
SB 505B	22-May-15	4375,4 Hrs	Crankshaft inspected and found satis. (Ref AD 98-02-08)	
MSB 342D	22-May-15	4375,4 Hrs	Fuel injector lines inspected and found satis. (Ref AD 2011-26-04)	
MSB AFS-SB6 R2	22-May-15	4375,4 Hrs	Fuel servo diaphragm found - N/A by Type. (Ref AD 2012-03-06)	
SB 569A	22-May-15	4375,4 Hrs	Crankshaft - N/A by Engine & Crankshaft S/N. (Ref AD 2012-19-01)	

STELLAIR CC
AMO 182
INSP NO. 1

SB / SI No	Date & Hours @ Comp.		Description	Signature & AME / AMO No.
SB 505B	13-May-16	479,6 Hrs	Crankshaft corrosion found - N/A Engine fitted with a Variable Prop (Ref AD 98-02-08)	
SB 342F	13-May-16	479,6 Hrs	Superceded by SB 342G	
SB 342G	13-May-16	479,6 Hrs	External Fuel Injector Lines inspected and found satis. (Ref AD 2015-19-07)	
SB 621A	13-May-16	479,6 Hrs	Diaphragm - Type Fuel Pump found - N/A	

STELLAIR CC
AMO 182
INSP NO.2

SB / SI No	Date & Hours @ Comp.		Description	Signature & AME / AMO No.
SB 505B	28-Jul-17	539,4 Hrs	Crankshaft inspected and found N/A Engine fitted with a Variable Prop (Ref AD 98-02-08)	
MSB 342G	28-Jul-17	539,4 Hrs	Fuel injector lines inspected and found satis. (Ref AD 2015-19-07)	

STELLAIR CC
AMO 182
INSP NO.2

SB / SI No	Date & Hours @ Comp.		Description	Signature & AME / AMO No.
MSB 342G	29-Aug-18	600,8 Hrs	Fuel injector lines inspected and found satis. (Ref AD 2015-19-07)	

STELLAIR CC
AMO 182
INSP NO.2

SB / SI No	Date & Hours @ Comp.		Description	Signature & AME / AMO No.
MSB 342G	06-Sep-19	653,1 Hrs	Fuel injector lines inspected and found satis. (Ref AD 2015-19-07)	

STELLAIR CC
AMO 182
INSP NO.2

	Date	Method of compliance	* Signature	AME/AMO Number
	Total time			
	Hrs			
	Date	Method of compliance	* Signature	AME/AMO Number
	Total time			
	Hrs			
	Date	Method of compliance	* Signature	AME/AMO Number
	Total time			
	Hrs			

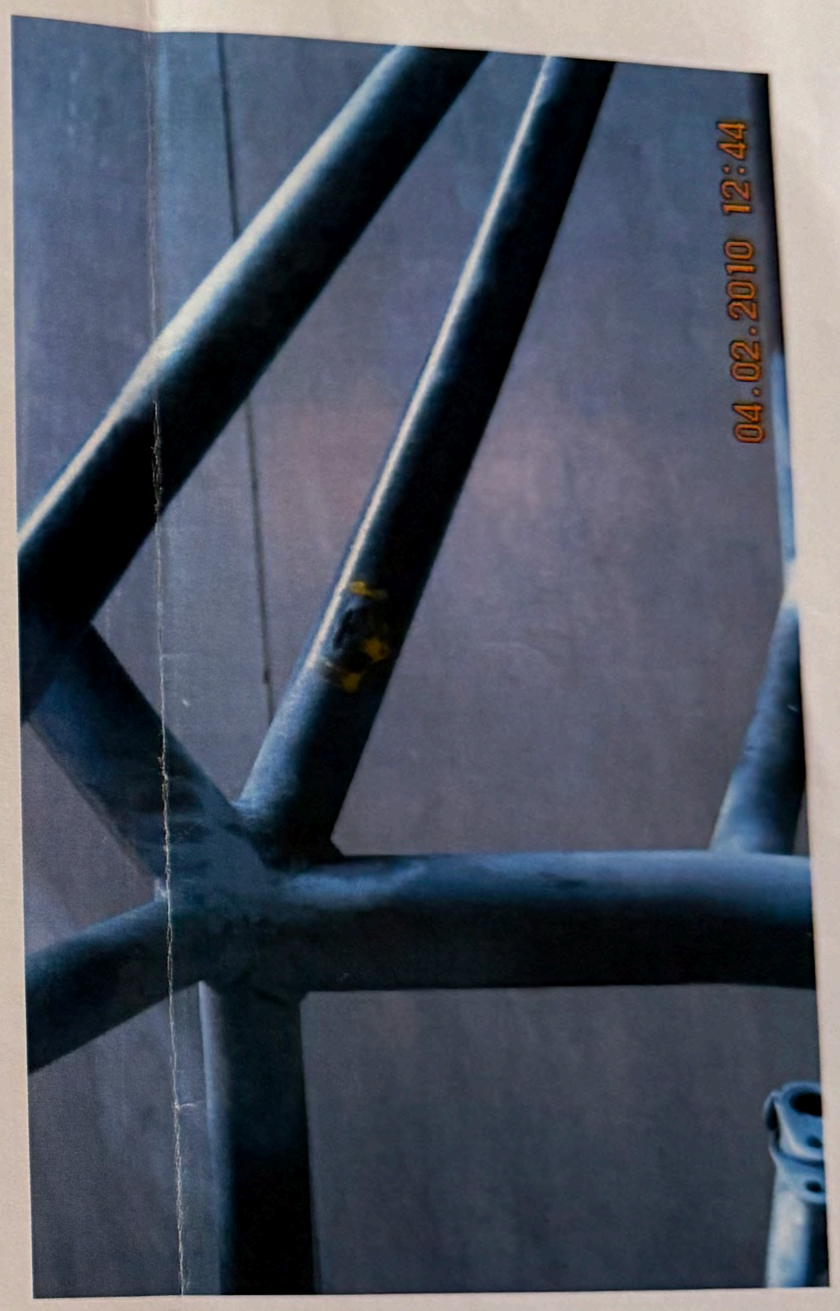
* *Note:* A signature in this column will be taken as certification that the maintenance specified has been carried out and all requirements as laid down in the Civil Aviation Regulations ~~1997~~, as amended have been met in every respect.

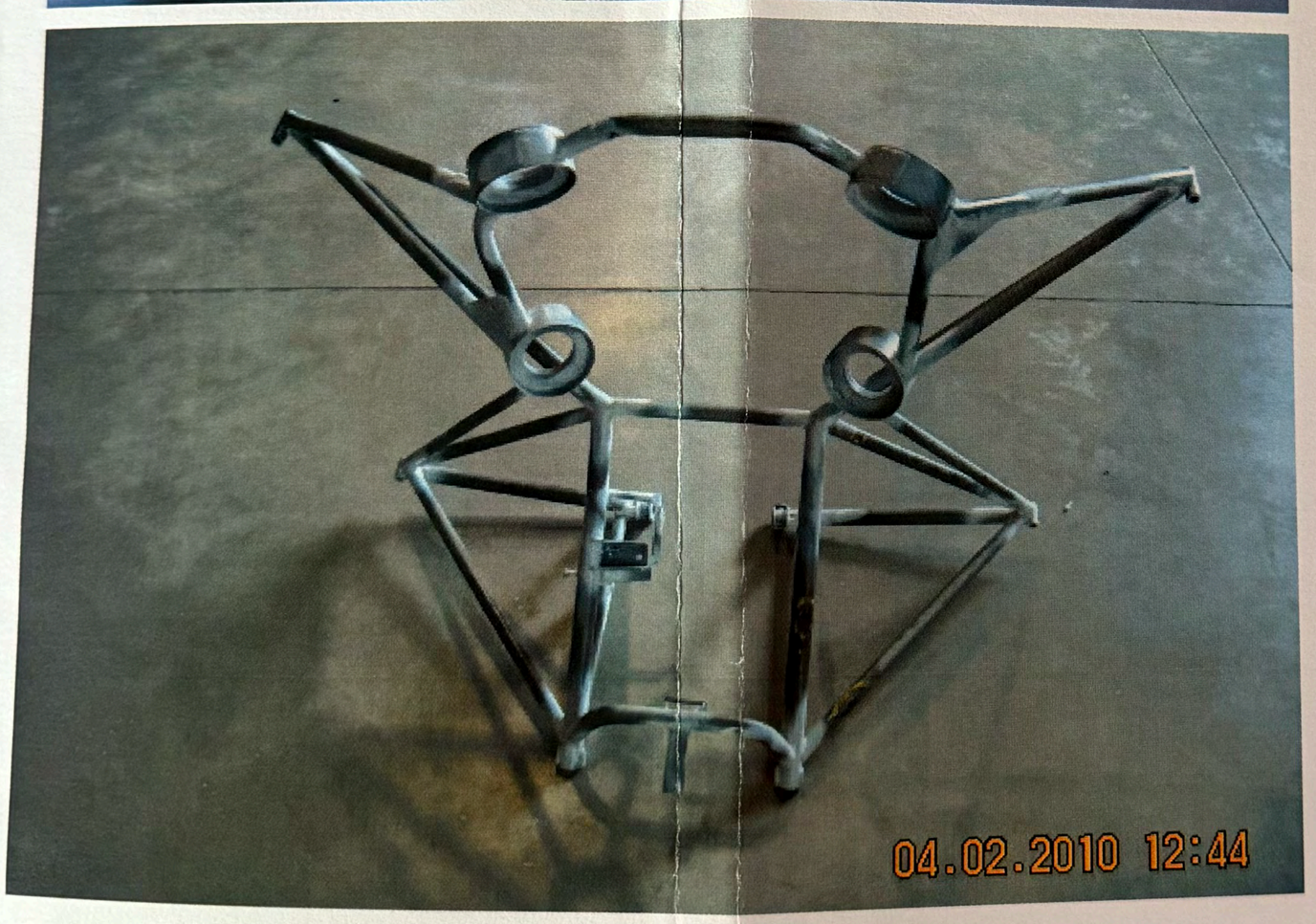
SCHEDULE INSPECTION RECORD

DATE	SCHEDULED INSPECTIONS DONE						
	Engine T/T Hours	Engine TCSN	Engine TSO Hours	Inspection Type	Airframe hours	*Signature	AMO Approval Stamp or AME Licence No
15-9-10	0	-	-	MPI	3943.1		AMO 196 S.A. MOONEY

MAINTENANCE AND DEFECT RECTIFICATION ON ENGINE OR ANY RELEVANT MATTER CONSIDERED NECESSARY TO RECORD OTHER THAN SCHEDULED INSPECTIONS

Description of maintenance performed	* Signature	AMO Approval Stamp or AME Licence No	Date





been complied with

AMO Approval Stamp or AME Licence No

AMO 196 S.A. MOONEY

MAINTENANCE AND DEFECT RECTIFICATION ON ENGINE OR ANY RELEVANT MATTER CONSIDERED NECESSARY TO RECORD OTHER THAN SCHEDULED INSPECTIONS

Description of maintenance performed	* Signature	AMO Approval Stamp or AME Licence No	Date

ZS-KCY

BREYTECH AVIATION	2. CERTIFICATE OF RELEASE TO SERVICE OF AN ARCRAFT PART OR COMPONENT ISSUED BY AN APPROVED AIRCRAFT MAINTENANCE ORGANISATION					3. Certificate Ref. No. 977-CSU-1S
4. Approved organisation Name and address: **Breytech Aviation cc** **Hanger 32, Wonderboom Airport.** **Telephone: +27 12 567 3139** **Facsimile: +27 12 543 1326**						5. Work Order/Registration JC 977/ ZS-KCY
6. Item	7. Description	8. Model No./Part No.	9. Eligibility*	10. Qty	11. Serial/ batch No.	12. Status work
1	**McCauley Governor**	**M/N: C290D3-K/T22 P/N: D-20309-20**	**Lycoming, IO-360-A1B6D SN: L-18341-51A**	**1**	**774157**	**Overhauled**
13. Remarks **This component described above was overhauled in accordance with McCauley Overhaul Manual. The manual revision status: December 2002. Outside contractors used, this component was calibrated And bench tested by AMO12, CRMA No.: 36498, and NDT inspection was done by AMO547, CRMA No.: 2/9/2/10. All details, parts used and bulletins kept on job card file 977.**						
Limited life part will normally be accompanied by maintenance history including life used. COMPONENT TTSOH: 0. ENGINE TTSN:3943,1. ENGINE TTSOH:					20. AFTT:	3943,1
14. ■ CAR 43.03.3 Release to service ☐ CAR 43.03.4 Release to service The organisation, referred to in block 4, hereby certifies that the work specified above, except as otherwise specified in block 13, was carried out in accordance with Part 43 of the SA-CAR and in respect to that work, the part(s) or component(s) is/are considered ready for release to service. (See over)						
15. Authorised Signature ..... 16. Stamp BREYTECH INSP. 1 AMO 914						17. Approval Reference Number **AMO 914**
18. Name **WM Breytenbach**					19. Date (d/m/y) **19/02/2010**	

*Installer must cross check eligibility with applicable technical data

AERO INSPECTIONS cc

ave

been complied with

AERO INSPECTIONS cc

Tel: (012) 567 0046
Fax: (012) 543 0378
Cell: 082 744 8368

Postal address:
434 Ulundi Avenue
Mountain View, 0082

Business address:
Wonderboom Airport
Hangar 17

CK 97/506/9/23
T24

AMO NO. 547
CERTIFICATE RELATING TO MAINTENANCE OF AN AIRCRAFT
REPORT/CERTIFICATE NO: 2/9/2/10

CLIENT: BREYTECH AVIATION
ADDRESS: P.O. BOX 83329
DOORNPOORT
0017

ORDER/INVOICE NO: 225A

DESCRIPTION AND ITEM FOR TEST AND SERVICE REQUIRED AND INDENTIFICATION MARKS: NON-DESTRUCTIVE TESTING CARRIED OUT ON ENGINE MODEL M/N: C290D3-K/T22, CSU P/N D-20309-20, S/N 774157, ALL FERROUS PARTS, BASE FLYWEIGHT, DRIVE GEAR, PILOT VALVE, SHAFT SPEED, LEVER AND SPRING.

WORK DONE: MAGNETIC PARTICLES INSPECTIONS CARRIED OUT.
DOCUMENT REFERENCE: IN ACCORDANCE WITH ASTM STANDARD E1444/01.
TEST METHOD: MAGNETIC PARTICLES INSPECTIONS.

REMARKS: NO CRACK INDICATIONS FOUND. STEEL PARTS WERE DEMAGNITIZED AFTER INSPECTIONS.

I HEREBY CERTIFY THAT THE SCHEDULED INSPECTION/MAINTENANCE RECORDED ABOVE HAS BEEN CARRIED OUT IN ACCORDANCE WITH THE CIVIL AVIATION REGULATIONS, 1997, AS AMENDED, WHICH ARE APPLICABLE HERETO, HAVE BEEN COMPLIED WITH.

MAGNETIC PARTICLES INSPECTIONS:
TEST PERFORMED BY: P.P. NELL

INSPECTED BY: ..... **(SIGNATURE)** **STAMP:**

DATE: *9/2/10*

CLIENT SIGNATURE: .....

Signature | Stamp of AME Licence No | Date

APPENDIX G

Aircraft Powerplant Company (Pty) Ltd.
Reg No: 2001 / 01644 / 07

CERTIFICATE RELATING TO MAINTENANCE OF AN AIRCRAFT.

J/C No: 36498.

This certificate must be affixed in the appropriate logbook.

Aircraft Registration	Engine Make	Engine Model	Engine Serial No:
ZS-KCY	-	-	-
Component	Model	Part No:	Serial No:
McCauley CSU	C290D3-K/T22	D-20309-20	774157

Above CSU bench tested and calibrated iaw Overhaul Manual 780401 dated August 2006 and found satisfactory.

Details of work carried out kept on file 36498.

I HEREBY CERTIFY THAT IN CARRYING OUT THE INSPECTION, ~~OVERHAUL, REPAIR, MODIFICATION, REPLACEMENT~~, ADJUSTMENT SPECIFIED, ALL CONDITIONS DESCRIBED IN THE CIVIL AVIATION REGULATIONS 1997, AS AMENDED WHICH ARE APPLICABLE THERETO HAVE BEEN COMPLIED WITH.

Inspector No. 3
APCO (Pty) Ltd. AMO 12

Date: 16th February 2010 Signed: _____ Approval No: _____

Client: Breytech Aviation.

40

Date	Stamp of AME Licence No	* Signature	Maintenance performed

ONLY

SCHEDULED INSPECTIONS DO...			AMO Approval Stamp or AME Licence No
Inspection Type	Airframe hours	*Signature	
100	39483.1		AMO 196

*Signature only when all maintenance performed

...or

...ween comp...

...with ...

Applicable Civil Aviation Regulations ...

39

Federal Aviation Administration

The United States of America
Department of Transportation
Federal Aviation Administration
Washington D.C.

No. E452701

Export Certificate of Airworthiness

This certifies that the product identified below and particularly described in Specification(s)[1] of the Federal Aviation Administration, Numbered **1E10** has been examined as of the date of this certificate, is considered airworthy in accordance with a comprehensive and detailed airworthiness code of the United States Government, and is in compliance with those special requirements of the importing country filed with the United States Government except as noted below. This certificate in no way attests to compliance with any agreements or contracts between the vendor and purchaser, nor does it constitute authority to operate an aircraft.

Product: **Engine**

Manufacturer: **Lycoming**

Model: **IO-360-A1B6D**

Serial No: **RL-35067-51E**

New: **X** Newly overhauled:

Used aircraft:

Country to which exported: **SOUTH AFRICA**

Exceptions: **Eligible for installation on aircraft manufactured under type certificate 3A17**

Kenneth E Wysocki Sr.

Signature of Authorized Representative

MAR/10/2010

Date

The Cessna Aircraft Company
ODA-100129-CE

District Office or Designee Number

[1] *For complete aircraft, list applicable specification or type certificate data sheet numbers for the aircraft, engine, and propeller. Applicable specifications or type certificate data sheet, if not attached to this export certificate, will have been forwarded to the appropriate governmental office of the importing country.*

FAA Form 8130-4 (07-07) SUPERSEDES PREVIOUS EDITION

HQ-020707.indd

40

Federal Aviation Administration

The United States of America
Department of Transportation
Federal Aviation Administration
Washington D.C.

No. E452701

Export Certificate of Airworthiness

This certifies that the product identified below and particularly described in Specification(s)[1] of the Federal Aviation Administration, Numbered **1E10** has been examined as of the date of this certificate, is considered airworthy in accordance with a comprehensive and detailed airworthiness code of the United States Government, and is in compliance with those special requirements of the importing country filed with the United States Government except as noted below. This certificate in no way attests to compliance with any agreements or contracts between the vendor and purchaser, nor does it constitute authority to operate an aircraft.

Product: **Engine**

Manufacturer: **Lycoming**

Model: **IO-360-A1B6D**

Serial No: **RL-35067-51E**

New: **X** *Newly overhauled:*

Used aircraft:

Country to which exported: **SOUTH AFRICA**

Exceptions: **Eligible for installation on aircraft manufactured under type certificate 3A17**

Kenneth E Wysocki Sr.

Signature of Authorized Representative

MAR/10/2010

Date

The Cessna Aircraft Company
ODA-100129-CE

District Office or Designee Number

[1] *For complete aircraft, list applicable specification or type certificate data sheet numbers for the aircraft, engine, and propeller. Applicable specifications or type certificate data sheet, if not attached to this export certificate, will have been forwarded to the appropriate governmental office of the importing country.*

FAA Form 8130-4 (07-07) SUPERSEDES PREVIOUS EDITION

HQ-020707.indd

SCHEDULE INSPECTION RECORD

SCHEDULED INSPECTIONS DONE

DATE	Engine T/T Hours	Engine TCSN	Engine TSO Hours	Inspection Type	Airframe hours	*Signature	AMO Approval Stamp or AME Licence No
18-8-11	98	—	N/A	MPI	4041	[signature]	STELLAIR CC AMO 182 INSP NO. 1

*Note A signature in this column will be construed to signify that all maintenance specified and all the requirements prescribed in the applicable Civil Aviation Regulations ~~1997~~, as amended have been complied with

MAINTENANCE AND DEFECT RECTIFICATION ON ENGINE OR ANY RELEVANT MATTER CONSIDERED NECESSARY TO RECORD OTHER THAN SCHEDULED INSPECTIONS

Description of maintenance performed	* Signature	AMO Approval Stamp or AME Licence No	Date
CYLINDER DIFF OVER 80 1: 76 2: 76 3: 76 4: 78 5: / 6: /		STELLAIR CC AMO 182 INSP NO. 1	19-8-11

*Note A signature in this column will be construed to signify that all maintenance specified and all the requirements prescribed in the applicable Civil Aviation Regulations ~~1997~~, as amended have been complied with

SCHEDULE INSPECTION RECORD

SCHEDULED INSPECTIONS DONE

DATE	Engine T/T Hours	Engine TCSN	Engine TSO Hours	Inspection Type	Airframe hours	*Signature	AMO Approval Stamp & AME Licence No
13-4-12	198	-	N/A	MPI	414		STELLAIR PTY LTD

*Note A signature in this column will be construed to signify that all maintenance specified and all the requirements prescribed in the applicable ~~Civil Aviation Regulations 1997~~, as amended have been complied with

Civil Aviation Regulations 2011

MAINTENANCE AND DEFECT RECTIFICATION ON ENGINE OR ANY RELEVANT MATTER CONSIDERED NECESSARY TO RECORD OTHER THAN SCHEDULED INSPECTIONS

Description of maintenance performed	* Signature	AMO Approval Stamp or AME Licence No	Date
			13-4-12

CYLINDER DIFF OVER 80					
1	2	3	4	5	6
76	76	76	76	1	1

EXHAUST WELDED AS PER CRMA W027
R & R.

STELLAIR CC AMO 182 INSP NO. 1

AMO 182 Stellair

Company Registration No. CK95/29118/23
Stellenbosch Airfield, Stellenbosch, South Africa.

P O Box 952,
Somerset West.
7129.

Tel: 021 8800234
Fax: 021 8801258

C.R.M.A. W.027

CERTIFICATE RELATING to the MAINTENANCE of an AIRCRAFT.

REG: ZS –KCY **Serial No:**

Process: Tig Welding.

Weld repair cracked flange and exhaust pipe by tig welding in accordance with AC 43.13.1B, Chapter 4, Section 5.

****

I hereby certify that in carrying out the foregoing maintenance, all the requirements prescribed in the Civil Aviation Regulations 1997, that are applicable hereto, have been complied with.

Date: 11-04-2012 ***Signature. . . . . .*** **Page # 1 of 1.**

AMO Stamp

STELLAIR CC AMO 182 INSP NO. 3

**Note A signature in this column will be construed to signify that all maintenance specified and all the requirements prescribed in the applicable ~~Civil Aviation Regulations 1997~~, as amended have been complied with*

SCHEDULE INSPECTION RECORD

DATE	SCHEDULED INSPECTIONS DONE						
	Engine T/T Hours	Engine TCSN	Engine TSO Hours	Inspection Type	Airframe hours	*Signature	AMO Approval Stamp or AME Licence No
7-3-13	293	~	~	MPI	4236		STELLAIR CC AMO 182 INSP NO. 1

MAINTENANCE AND DEFECT RECTIFICATION ON ENGINE OR ANY RELEVANT MATTER CONSIDERED NECESSARY TO RECORD OTHER THAN SCHEDULED INSPECTIONS

Description of maintenance performed	* Signature	AMO Approval Stamp or AME Licence No	Date
~~CYLINDER DIFF OVER 80~~ ~~1~~ ~~2~~ ~~3~~ ~~4~~ ~~5~~ ~~6~~ ~~78~~ ~~72~~ ~~78~~ ~~78~~ ~~1~~ ~~1~~			
EXHAUST WELDED AS PER CRM4		STELLAIR CC AMO 182 ~~INSP NO. 1~~	7-3-13

**Note A signature in this column will be construed to signify that all maintenance specified and all the requirements prescribed in the applicable Civil Aviation Regulations ~~1997~~, as amended have been complied with*

SCHEDULE INSPECTION RECORD

DATE	SCHEDULED INSPECTIONS DONE						
	Engine T/T Hours	Engine TCSN	Engine TSO Hours	Inspection Type	Airframe hours	*Signature	AMO Approval Stamp or AME Licence No
27-3-14	385	—	—	MPI	4328		STELLAIR QC AMO 182 INSP NO. 2

*Note A signature in this column will be construed to signify that all maintenance specified and all the requirements prescribed in the applicable Civil Aviation Regulations ~~1997,~~ as amended have been complied with

MAINTENANCE AND DEFECT RECTIFICATION ON ENGINE OR ANY RELEVANT MATTER CONSIDERED NECESSARY TO RECORD OTHER THAN SCHEDULED INSPECTIONS

Description of maintenance performed	* Signature	AMO Approval Stamp or AME Licence No	Date
		STELLAIR CC AMO 182 INSP NO. 2	27-3-14

~~CYLINDER DIFF OVER 80~~

~~1~~	~~2~~	~~3~~	~~4~~	~~5~~	~~6~~
78	78	78	74	1	0

MAGNETO (DUAL) REMOVED FOR 500 HR/4YR INSPECTION CARRIED OUT BY AES R&S 2421 refers. ✓

EXHAUST WELDED CRMA W.183 refers ✓

1.

Certificate of Release to Service

South African Civil Aviation Part 145 Organization

AES

2. Location	3. Mail Address	4. AES Job Number:	CT2421
West Hangar Signature Flight Bldg Cape Town International Airport 7525	West Hangar Signature Flight Bldg Cape Town International Airport 7525 Tel: +27 (0)21 934 5373 E-mail: capetown@aeroelectrical.co.za	5. Certificate Serial No.:	2421

6. Qty.	7. Description.	8. Aircraft Registration	9. Part &/or Model No.	10. Eligibility.*	11. Serial/Batch No	12. Status/Work
1	500hr Inspection on Dual Magneto	ZS-KCY	D4LN-3000	See note 14.2	G10AA13	Service

Remarks:

Stripped and Inspected. 500 hr carried out on Dual Magneto. Replaced parts. Set E-Gap and internal timing. Re-assembled and bench tested. Unit found serviceable.

X41005-15 **August 2011**

14. NOTE:

1. Life Limited Parts will normally be accompanied by maintenance history including life used – if supplied by customer.
2. Installer must cross-check eligibility with applicable technical data
3. *It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly.*
4. *Where the user/installer works in accordance with the national regulations of an Airworthiness Authority different from the Airworthiness Authority 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 specified in block 1.*
5. *Statement in item 14 does not constitute installation certification. In all cases the aircraft maintenance record must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.*

15

■ CAR43.04.4 (1) Release to service

☐ Other regulation specified in block 12.

Certifies that the part(s) identified above except as otherwise specified in block 13 was (were) manufactured/inspected in accordance with the applicable design data and with the Civil Aviation Regulations, 1997.

16. Signature:	17. Approval or PO Ref. No: 340/7
18. Name: Erwin Erasmus	19. Date: 10/03/2014

AES AMO 1011 INSP. 1

Date: 13-03-2014 **Signature.** . . . . . AMO Stamp

Page # 1 of 1.

STELLAIR CC AMO 182 INSP NO. 3

*Note
the re
been

Approval Stamp or Licence No

STELLAIR CC AMO 182 INSP NO. 2

MAINTENANCE AND DEFECT RECTIFICATION ON ENGINE OR ANY RELEVANT MATTER CONSIDERED NECESSARY TO RECORD OTHER THAN SCHEDULED INSPECTIONS

Description of maintenance performed	* Signature	AMO Approval Stamp or AME Licence No	Date
		STELLAIR CC AMO 182 INSP NO. 2	27-3-14

~~CYLINDER DIFF OVER 80~~

1	2	3	4	5	6
78	78	78	74	1	0

MAGNETO (DUAL) REMOVED FOR 500 HR/4YR INSPECTION CARRIED OUT BY AES RGS 2421 refers. ✓

EXHAUST WELDED CRMA W.183 refers ✓

AMO 182 **Stellair**

Company Registration No. CK95/29118/23
Stellenbosch Airfield, Stellenbosch, South Africa.

P O Box 952,
Somerset West.
7129.

Tel: 021 8800234
Fax: 021 8801258

C.R.M.A. W.183

CERTIFICATE RELATING to the MAINTENANCE of an AIRCRAFT.

REG: ZS-KCY **Serial No:** -

Process: Tig Welding.

Weld repair crack on exhaust riser and replace burned s/steel material on exhaust muffler outlet cone by tig welding in accordance with AC 43.13.1B, Chapter 4, Section 5.

I hereby certify that in carrying out the foregoing maintenance, all the requirements prescribed in the Civil Aviation Regulations 1997, that are applicable hereto, have been complied with.

AR13

Date: 13-03-2014 **Signature. . . . . .** **Page # 1 of 1.**

AMO Stamp

STELLAIR CC AMO 182 INSP NO. 3

*Note
the re
been*

SCHEDULE INSPECTION RECORD

DATE	SCHEDULED INSPECTIONS DONE						
	Engine T/T Hours	Engine TCSN	Engine TSO Hours	Inspection Type	Airframe hours	*Signature	AMO Approval Stamp or AME Licence No
22 MAY 2015	432,4	—	N/A	MPI	4375,4		STELLAIR CC AMO 182 INSP NO. 1

SOUTH AFRICAN CIVIL AVIATION AUTHORITY

(1)

(2) **AUTHORISED RELEASE CERTIFICATE**
CA-21-19 AIRWORTHINESS APPROVAL TAG

(3) Certificate No:

J/c: 42098

(4) **Aircraft Powerplant Company (Pty) Ltd**
Hangar 5a - Wonderboom Airport - Pretoria - 0159
REG No: 2001/01447/07
Tel: +27 12 543 0775 - Fax: +27 12 567 3630

(5) WORK ORDER NUMBER: 351/31

(6) A/C Registration	(7) Engine Make	(8) Engine Model	(9) *	(10) Qty	(11) Engine Serial Number	(12) Status / Work
ZS-KCY	Lycoming	IO-360-A1B6D	N/A	1	RL-35067-51E	Overhaul

(13) Remarks:

McCauley CSU Model No: C290D3-K/T22
P/n : D-20309-20
S/n : 7741575

⚠ Warranted not used
When new approved
Parts & Used

Above CSU was dismantled, cleaned inspected and overhauled iaw Overhaul Manual 780401 Rev 8 dated December 2002 and MPC 26-02 Rev 2 dated 13 March 2013.

The following applicable Bulletins and SL`s complied with:
SB:- 223, 156, 137AF, 113C.
SL:- 2002-13,2000-13A, 2000-10B, 1999-11, 1999-3A, 1998-30.
All mandatory Service Bulletins and Airworthiness Directives applicable to the above mentioned engine/component have been complied with, up to and including the date mentioned on this CRMA.

The CSU was bench tested calibrated and found satisfactory.

Details of work carried out and parts replaced kept on file **42098.**

14. Certifies the items identified above were manufactured in conformity to:	19. ■ Part 43 Release to service.
☐ ~~Approved design data and are in condition for safe operation~~	☐ ~~Other regulation specified in block 13.~~
☐ ~~Non-approved data specified in block 13.~~	Certifies that unless otherwise specified in block 13, and the work identified in block 12 and described in Block 13 was accomplished in accordance with Civil Aviation Regulations, Part 43 and in respect to that work, the items are approved for return to service.

15. Authorised Signature: ..... Inspector No.3 APCO (Pty) Ltd. AMO 12	21. Approval Reference Number: 12
16. Stamp:	
17. Name: G. Anderson	18. Date: 30th April 2015

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

USER/INSTALLER RESPONSIBILITIES:

1. It is important to understand that the existence of this document alone does not automatically constitute authority to install the part / component assembly.
2. Where the user / installer performs works in accordance with the national regulations of an Airworthiness Authority different from the Airworthiness Authority specified in block1, it is essential that the user / installer ensures that his / her Airworthiness Authority accepts parts / components / assemblies from the Airworthiness specified in block 1
3. Statement 14 and 19 do not constitute installation certification. In all cases the aircraft maintenance record must contain an installation certification issued in accordance with the national regulations by the user /installer before the aircraft may be flown.

Client. Stellair.

llair

R THAN

l: 021 8800234
x: 021 8801258

M.A. W.226

RAFT.

) 880 0234
0 1258
l@stellair.co.za

eferring to
er 1995.

in accordance

****

in the

 # 1 of 1.

ordance with a MPI inspection
fit for release to service.

05 / 2015

Stellair CC

AMO 182

P O Box 952
Somerset West 7129
South Africa

Stellenbosch Airfield
Stellenbosch

Telephone (021) 880 0234
Fax (021) 880 1258
e-mail: technical@stellair.co.za

Refer J/C No. 10087

REG	Serial No
ZS-KCY	**RL-35067-51E**

TTSN	**465,4 Hrs**
TTSO	**N/A**

1. Oil leak investigated, Engine washed, CSU, Nuts and Oil Pipes tightened. Ground Run and found satis.

The work recorded above has been carried out in accordance with the Civil Aviation Regulations, and in respect of that work the aircraft is fit for release to service.

STELLAIR CC
AMO 182
INSP NO. 2

Signed..... **Date: 16 / 11 / 2015**

**Note A signatur*
the requirements
been complied wi

AMO 182

Stellair

Company Registration No. CK95/29118/23

Stellenbosch Airfield, Stellenbosch, South Africa.

P O Box 952,
Somerset West.
7129.

Tel: 021 8800234
Fax: 021 8801258

C.R.M.A. W.226

CERTIFICATE RELATING to the MAINTENANCE of an AIRCRAFT.

REG: ZS – KCY

Serial No: *177RG-1304*

Part No:

Process: Tig Welding.

Repair cracks on EXH muffler and replace beaded end on EXH tube by tig welding in accordance with AC 43.13.1B, Chapter 4, Section 5.

****

I hereby certify that in carrying out the foregoing maintenance, all the requirements prescribed in the Civil Aviation Regulations 2011, that are applicable hereto, have been complied with.

Date: 14/04/2015 **Signature.....** **Page # 1 of 1.**

AMO Stamp

9. ~~Injector with P/N 73937 & S/N 70DJ7405 repaired.~~

10. New Induction Air filter fitted.

I certify that the aircraft identified above has been inspected in accordance with a MPI inspection and in accordance with the Civil Aviation Regulations, and is fit for release to service.

Signed..... STELLAIR CC AMO 182 INSP NO. 1 **Date: 22 / 05 / 2015**

Stellair CC

AMO 182

P O Box 952
Somerset West 7129
South Africa

Stellenbosch Airfield
Stellenbosch

Telephone (021) 880 0234
Fax (021) 880 1258
e-mail: technical@stellair.co.za

Refer J/C No. 10087

REG	Serial No
ZS-KCY	**RL-35067-51E**

TTSN	**465,4 Hrs**
TTSO	**N/A**

1. Oil leak investigated, Engine washed, CSU, Nuts and Oil Pipes tightened. Ground Run and found satis.

The work recorded above has been carried out in accordance with the Civil Aviation Regulations, and in respect of that work the aircraft is fit for release to service.

Signed..... STELLAIR CC AMO 182 INSP NO. 2 **Date: 16 / 11 / 2015**

**Note A signatur*
the requirements
been complied wi

MAINTENANCE AND DEFECT RECTIFICATION ON ENGINE OR ANY RELEVANT MATTER CONSIDERED NECESSARY TO RECORD OTHER THAN SCHEDULED INSPECTIONS

D

Stellair CC AMO 182

P O Box 952
Somerset West 7129
South Africa

Stellenbosch Airfield
Stellenbosch

Telephone (021) 880 0234
Fax (021) 880 1258
e-mail: technical@stellair.co.za

Refer J/C No. 9894

REG	Serial No
ZS-KCY	RL-35067-51E

TT AF	4375,4
TTSN	432,4
TTSO	N/A
TCSN	N/A
TCSO	N/A

1. MPI carried out I.A.W SA CATS / GMR as well as manufacturers inspection schedule referring to Cessna 177RG Series Maintenance Manual P/N D2009-4-13 Change 4 dated 2 October 1995.
2. Engine Blow Bys carried out & recorded as follows:

1	2	3	4
76 / 80	76 / 80	76 / 80	76 / 80

3. Mc Cauley CSU with P/N D-20309-20 and S/N 7741575, removed, Overhauled by Aircraft Powerplant Company and refitted thereafter. (Ref CRM 42098)
4. Exhaust repaired. (Ref CRM W.226)
5. Engine Hoses replaced, tested and fitted.
6. Vacuum Pump inspected and found satis.
7. Rockers & Valves inspected and found satis.
8. New Alternator V-Belt fitted.
9. ~~Injector with P/N 73037 & S/N 70DJ7405 repaired.~~
10. New Induction Air filter fitted.

I certify that the aircraft identified above has been inspected in accordance with a MPI inspection and in accordance with the Civil Aviation Regulations, and is fit for release to service.

Signed..... STELLAIR CC AMO 182 INSP NO. 1 **Date: 22 / 05 / 2015**

Stellair CC AMO 182

P O Box 952
Somerset West 7129
South Africa

Stellenbosch Airfield
Stellenbosch

Telephone (021) 880 0234
Fax (021) 880 1258
e-mail: technical@stellair.co.za

Refer J/C No. 10087

REG	Serial No
ZS-KCY	RL-35067-51E

TTSN	465,4 Hrs
TTSO	N/A

1. Oil leak investigated, Engine washed, CSU, Nuts and Oil Pipes tightened. Ground Run and found satis.

The work recorded above has been carried out in accordance with the Civil Aviation Regulations, and in respect of that work the aircraft is fit for release to service.

Signed..... STELLAIR CC AMO 182 INSP NO. 2 **Date: 16 / 11 / 2015**

**Note A signatur*
the requirements
been complied wi

SCHEDULE INSPECTION RECORD

DATE	SCHEDULED INSPECTIONS DONE						
	Engine T/T Hours	Engine TCSN	Engine TSO Hours	Inspection Type	Airframe hours	*Signature	AMO Approval Stamp or AME Licence No
13 MAY 2016	479,6	—	N/A	MPI (100 HR)	4422,6		STELLAIR CC AMO 182 INSP NO.2

Certificate of Release to Service

South African Civil Aviation Part 145 Organization

AES

AMO1011/FACT

2. Location	3. Mail Address	4. AES Job Number:	CT4745
West Hangar Signature Flight Bldg Cape Town International Airport 7525	West Hangar Signature Flight Bldg Cape Town International Airport 7525 Tel: +27 (0)21 934 5373 E-mail: capetown@aeroelectrical.co.za	5. Certificate Serial No.:	4745

6. Qty.	7. Description.	8. Aircraft Registration	9. Part &/or Model No.	10. Eligibility.*	11. Serial/Batch No	12. Status/Work
1	500hr Inspection on Alternator	ZS-KCY	Cessna 177RG	See note 14.2	SN# 177RG-1304	inspection

Remarks:

500hr inspection carried out on alternator. Stripped clean and inspected. Tested rotor, stator and rectifying plate.
Found brushes and capacitor unserviceable. Replaced parts. Re-greased bearing.
Re-assembled and bench tested. Unit found serviceable.

Manual No: OE-A2 Revision: 7

14. NOTE:

15

cept as otherwise specified in block 13 was
ce with the applicable design data and with

17. Approval or PO Ref. No:
375/14

19. Date:
06/05/2016

ction

2016

SOUTH AFRICAN CIVIL AVIATION AUTHORITY

AUTHORISED RELEASE CERTIFICATE

CA 21- 19 AIRWORTHINESS APPROVAL TAG

1.

2.

3. Form Tracking Number
BATCH: 2256

4. Organization Name and Address: FM FILTERS cc
HANGAR 16, MARGATE AIRPORT, MARGATE, KWAZULU-NATAL

5.Work Order/Contract/Invoice Number:
INVOICE NUMBER: 4138

6.Item:	7.Description:	8.Part Number:	9.Eligibility: *	10.Quantity:	11. Serial Number:	12.Status/Work:
1	AIR FILTER	CESS-5		1	15480	NEW

13.Remarks:

14. Certifies the items identified above were manufactured in conformity to:
☒ Approved design data and are in condition for safe operation.
☐ Non-approved data specified in block 13.

19. ☒ ~~Part 43 Release to Service~~ ☐ Other regulation specified in block 13
Certifies that unless otherwise specified in Bloc k 13, and the work identified in Block 12 and described in Block 13 was accomplished in accordance with Civil aviation Regulations, part 43 and in respect to that work, the items are approved for return to service.

15.Authorised Signature	16 Approval/Authorization No.	20. Authorized Signature	21. Certificate/Approval Ref No.
AMC	DCA/FMF/031	N/A	N/A
17.Name	18.Date: (YY/MM/DD) 2016-05-10	22. Name N/A	Date: (YY/MM/DD) N/A

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 certificate. 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.

CA 21- 19 *Installer must cross-check eligibility with applicable technical data.

Lightprint 039 315 5000 FMF000 16a

Stellair CC AMO 182

P O Box 952
Somerset West 7129
South Africa

Stellenbosch Airfield
Stellenbosch

Telephone (021) 880 0234
Fax (021) 880 1258
e-mail: admin@stellair.co.za

Refer J/C No. 10087

REG	Serial No
ZS-KCY	**RL-35067-51E**

TTSN	**465,7 Hrs**
TTSO	**N/A**

1. 1 x Spark Plug found u/s, all Spark Plugs cleaned. 1x New Spark Plug fitted.
2. New Alternator belt fitted. Ground runs carried out and found satis.

The work recorded above has been carried out in accordance with the Civil Aviation Regulations, and in respect of that work the aircraft is fit for release to service.

Signed..... STELLAIR CC AMO 182 INSP'NO. 2 Date: 06 / 06 / 2016

**Note A signature in this block certifies that the work recorded above has been carried out in accordance with the requirements prescribed in the applicable Civil Aviation Regulations ~~1997~~, as amended have been complied with*

1.

Certificate of Release to Service

South African Civil Aviation Part 145 Organization

AES

AMO1011/FACT

2. Location	3. Mail Address	4. AES Job Number:	CT4745
West Hangar Signature Flight Bldg Cape Town International Airport 7525	West Hangar Signature Flight Bldg Cape Town International Airport 7525 Tel: +27 (0)21 934 5373 E-mail: capetown@aeroelectrical.co.za	5. Certificate Serial No.:	4745

6. Qty.	7. Description.	8. Aircraft Registration	9. Part &/or Model No.	10. Eligibility.*	11. Serial/Batch No	12. Status/Work
1	500hr Inspection on Alternator	ZS-KCY	Cessna 177RG	See note 14.2	SN# 177RG-1304	inspection

Remarks:

500hr inspection carried out on alternator. Stripped clean and inspected. Tested rotor, stator and rectifying plate.
Found brushes and capacitor unserviceable. Replaced parts. Re-greased bearing.
Re-assembled and bench tested. Unit found serviceable.

Manual No: OE-A2 Revision: 7

14. NOTE:
1. Life Limited Parts will normally be accompanied by maintenance history including life used – if supplied by customer.
2. Installer must cross-check eligibility with applicable technical data
3. *It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly.*
4. *Where the user/installer works in accordance with the national regulations of an Airworthiness Authority different from the Airworthiness Authority 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 specified in block 1.*
5. *Statement in item 14 does not constitute installation certification. In all cases the aircraft maintenance record must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.*

15
■ CAR43.04.4 (1) Release to service

☐ Other regulation specified in block 12.

Certifies that the part(s) identified above except as otherwise specified in block 13 was (were) manufactured/inspected in accordance with the applicable design data and with the Civil Aviation Regulations, 2011

16. Signature:	17. Approval or PO Ref. No: 375/14
18. Name: Erwin Erasmus AES AMO 1011 INSP 1	19. Date: 06/05/2016

5. 1 Spark Plug cracked - New sparkplug fitted.

6. No. 2 Intake gasket leaking - New Intake gasket fitted.

7. New Induction Air filter fitted.

I certify that the aircraft identified above has been inspected in accordance with a MPI inspection and in accordance with the Civil Aviation Regulations, and is fit for release to service.

Signed..... STELLAIR CC AMO 182 INSP NO.2 Date: 13 / 05 / 2016

Stellair CC

AMO 182

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Somerset West 7129
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Stellenbosch Airfield
Stellenbosch

Telephone (021) 880 0234
Fax (021) 880 1258
e-mail: admin@stellair.co.za

Refer J/C No. 10087

REG	Serial No
ZS-KCY	**RL-35067-51E**

TTSN	**465,7 Hrs**
TTSO	**N/A**

1. 1 x Spark Plug found u/s, all Spark Plugs cleaned. 1x New Spark Plug fitted.

2. New Alternator belt fitted. Ground runs carried out and found satis.

The work recorded above has been carried out in accordance with the Civil Aviation Regulations, and in respect of that work the aircraft is fit for release to service.

Signed..... STELLAIR CC AMO 182 INSP NO. 2 Date: 06 / 06 / 2016

**Note A signe... the requirements prescribed in the applicable Civil Aviation Regulations ~~1997~~, as amended have been complied with*

SCHEDULE INSPECTION RECORD

1.

Certificate of Release to Service

South African Civil Aviation Part 145 Organization

AES

AMO1011/FACT

2. Location	3. Mail Address	4. AES Job Number:	CT4745
West Hangar Signature Flight Bldg Cape Town International Airport 7525	West Hangar Signature Flight Bldg Cape Town International Airport 7525 Tel: +27 (0)21 934 5373 E-mail: capetown@aeroelectrical.co.za	5. Certificate Serial No.:	4745

6. Qty.	7. Description.	8. Aircraft Registration	9. Part &/or Model No.	10. Eligibility.*	11. Serial/Batch No	12. Status/Work
1	500hr Inspection on Alternator	ZS-KCY	Cessna 177RG	See note 14.2	SN# 177RG-1304	inspection

Remarks:

500hr inspection carried out on alternator. Stripped clean and inspected. Tested rotor, stator and rectifying plate.
Found brushes and capacitor unserviceable. Replaced parts. Re-greased bearing.
Re-assembled and bench tested. Unit found serviceable.

Manual No: OE-A2 **Revision: 7**

14. NOTE:

1. Life Limited Parts will normally be accompanied by maintenance history including life used – if supplied by customer.
2. Installer must cross-check eligibility with applicable technical data
3. *It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly.*
4. *Where the user/installer works in accordance with the national regulations of an Airworthiness Authority different from the Airworthiness Authority 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 specified in block 1.*
5. *Statement in item 14 does not constitute installation certification. In all cases the aircraft maintenance record must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.*

15

■ CAR43.04.4 (1) Release to service

☐ Other regulation specified in block 12.

Certifies that the part(s) identified above except as otherwise specified in block 13 was (were) manufactured/inspected in accordance with the applicable design data and with the Civil Aviation Regulations, 2011

16. Signature:	17. Approval or PO Ref. No: 375/14
18. Name: Erwin Erasmus	19. Date: 06/05/2016

AES AMO 1011 DISP 1

28 JULY 2017	539,4	—	N/A	MPI (200 HR)	4482,4		STELLAIR CC AMO 182 INSP NO.2

**Note A signature in this column will be construed to signify that all maintenance specified and all the requirements prescribed in the applicable Civil Aviation Regulations ~~1997~~, as amended have been complied with*

AMO 1

P O Box 952,
Somerset West
7129.

REG : ZS - K

TYPE : CESS

Process: Ti

Date: 7/06

MAINTENANCE AND DEFECT RECTIFICATION ON ENGINE OR ANY RELEVANT MATTER CONSIDERED NECESSARY TO RECORD OTHER THAN SCHEDULED INSPECTIONS

Date

Stellair CC

AMO 182

P O Box 952
Somerset West 7129
South Africa

Stellenbosch Airfield
Stellenbosch

Telephone (021) 880 0234
Fax (021) 880 1258
e-mail: admin@stellair.co.za

Refer J/C No. 10384

REG	Serial No
ZS-KCY	**RL-35067-51E**

TTSN	**498,2 Hrs**
TTSO	**N/A**

1. L/H Mag drop - All spark plugs cleaned tested and found satis. Refitted, ground runs carried out and found satis.

2. All fuel injectors nozzles removed ultrasonically, cleaned and refitted. Ground runs carried out and found satis.

The work recorded above has been carried out in accordance with the Civil Aviation Regulations, and in respect of that work the aircraft is fit for release to service.

Signed..... STELLAIR CC AMO 182 INSP NO. 2 **Date: 31 / 08 / 2016**

AMO 182 Stellair

Company Registration No. CK95/29118/23

Stellenbosch Airfield, Stellenbosch, South Africa.

P O Box 952,
Somerset West.
7129.

Tel: 021 8800234
Fax: 021 8801258

C.R.M.A. W 465

CERTIFICATE RELATING to the MAINTENANCE.

REG : ZS - KCY **Serial No: 177 RG-1304**

TYPE : CESSNA 177 RG

Process: Tig Welding

I hereby certify that in carrying out the foregoing specified maintenance, all the requirements prescribed in the Civil Aviation Regulations, as amended or appropriate authority which are applicable hereto, have been complied with.

Date: 7/06/2017 ***Signature. . . .*** **Page # 1 of 1.**

AMO Stamp STELLAIR CC AMO 182 INSP NO. 3

AMO 182

Telephone (021) 880 0234
Fax (021) 880 1258
e-mail: admin@stellair.co.za

TT AF	**4482.4**
TTSN	**539.4**
TTSO	**N/A**

nspection schedule
ange 4 dated 2 October 1995.

reafter. (Ref CRM W 465)

e with a MPI inspection
fit for release to service.

28 / 07 / 2017

**Note A signature in this column will be construed to signify that all maintenance specified and all the requirements prescribed in the applicable Civil Aviation Regulations ~~1997~~, as amended have been complied with*

MO1011/FACT

12. Status/Work
inspection

ed in block 13 was
sign data and with

MAINTENANCE AND DEFECT RECTIFICATION ON ENGINE OR ANY RELEVANT MATTER CONSIDERED NECESSARY TO RECORD OTHER THAN SCHEDULED INSPECTIONS

Date

Stellair CC

AMO 182

P O Box 952
Somerset West 7129
South Africa

Stellenbosch Airfield
Stellenbosch

Telephone (021) 880 0234
Fax (021) 880 1258
e-mail: admin@stellair.co.za

Refer J/C No. 10384

REG	Serial No
ZS-KCY	**RL-35067-51E**

TTSN	**498,2 Hrs**
TTSO	**N/A**

1. L/H Mag drop - All spark plugs cleaned tested and found satis. Refitted, ground runs carried out and found satis.

2. All fuel injectors nozzles removed ultrasonically, cleaned and refitted. Ground runs carried out and found satis.

The work recorded above has been carried out in accordance with the Civil Aviation Regulations, and in respect of that work the aircraft is fit for release to service.

Signed..... STELLAIR CC AMO 182 INSP NO. 2 **Date: 31 / 08 / 2016**

Stellair CC

AMO 182

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Somerset West 7129
South Africa

Stellenbosch Airfield
Stellenbosch

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e-mail: admin@stellair.co.za

Certificate Relating to Maintenance

Refer J/C No. 10723

REG	Engine Type	Serial No
ZS-KCY	**Lycoming IO-360-A1B6D**	**RL-35067-51E**

TT AF	**4482.4**
TTSN	**539.4**
TTSO	**N/A**

1. MPI carried out I.A.W SA CATS 43.02.8 Section B as well as manufacturers inspection schedule Referring to Cessna 177RG Series Maintenance Manual P/N D2009-4-13 Change 4 dated 2 October 1995.

2. Engine Blow Bys carried out & recorded as follows:

1	2	3	4
74 / 80	75 / 80	76 / 80	76 / 80

3. # 1 and 4 Cylinder exhaust pipe cracked - Remove for repairs and refitted thereafter. (Ref CRM W 465)

I certify that the aircraft identified above has been inspected in accordance with a MPI inspection and in accordance with the Civil Aviation Regulations, as amended and is fit for release to service.

Signed..... STELLAIR CC AMO 182 INSP NO.2 **Date: 28 / 07 / 2017**

**Note A signature in this column will be construed to signify that all maintenance specified and all the requirements prescribed in the applicable Civil Aviation Regulations ~~1997~~, as amended have been complied with*

SCHEDULE INSPECTION RECORD

DATE

Stellair CC

AMO 182

P O Box 952
Somerset West 7129
South Africa

Stellenbosch Airfield
Stellenbosch

Telephone (021) 880 0234
Fax (021) 880 1268
e-mail: admin@stellair.co.za

Stamp or No

Certificate Relating to Maintenance

Refer J/C No. 11076

REG	Engine Type	Serial No
ZS-KCY	**Lycoming IO-360-A1B6D**	**RL-35067-51E**

TTSN	**569,8 Hrs**
TTSO	**N/A**

1. Check CSU - CSU rod end worn, new rod end fitted and checked travel.
2. Mag drop - Bottom spark plugs cleaned, tested and found satis.

The work recorded above has been carried out in accordance with the Civil Aviation Regulations, as amended and in respect of that work the aircraft is fit for release to service.

Signed.....

STELLAIR CC
AMO 182
INSP NO.2

Date: 18 / 05 / 2018

Stellair CC

AMO 182

P O Box 952
Somerset West 7129
South Africa

Stellenbosch Airfield
Stellenbosch

Telephone (021) 880 0234
Fax (021) 880 1258
e-mail: admin@stellair.co.za

Certificate Relating to Maintenance

Refer J/C No. 11101

REG	Engine Type	Serial No
ZS-KCY	**Lycoming IO-360-A1B6D**	**RL-35067-51E**

TT AF	**4515,0 Hrs**
TTSN	**572,0 Hrs**
TTSO	**N/A**

1. Engine 2 leaks - Suspect residual oil and breather condensation, engine inspected and found satis.
2. Check RPM (Not full @ take-off) - Ground runs carried out, could not simulate fault. Throttle and CSU travels checked and found satis.
3. Clean fuel injectors - Fuel injector nozzles removed, ultrasonically cleaned and refitted. Ground runs carried out and found satis.
4. Oil level low - Added 2 x Shell W100 Plus Oil.

The work recorded above has been carried out in accordance with the Civil Aviation Regulations, as amended and in respect of that work the aircraft is fit for release to service.

Signed.....

STELLAIR CC
AMO 182
INSP NO.2

Date: 12 / 06 / 2018

Date

**Note A signature in this column will be construed to signify that all maintenance specified and all the requirements prescribed in the applicable Civil Aviation Regulations ~~1997~~, as amended have been complied with*

Stamp or No

Date

Stellair CC

AMO 182

P O Box 952
Somerset West 7129
South Africa

Stellenbosch Airfield
Stellenbosch

Telephone (021) 880 0234
Fax (021) 880 1258
e-mail: admin@stellair.co.za

Certificate Relating to Maintenance

Refer J/C No. 11101

REG	Engine Type	Serial No
ZS-KCY	**Lycoming IO-360-A1B6D**	**RL-35067-51E**

TT AF	**4515,0 Hrs**
TTSN	**572,0 Hrs**
TTSO	**N/A**

1. Engine 2 leaks - Suspect residual oil and breather condensation, engine inspected and found satis.
2. Check RPM (Not full @ take-off) - Ground runs carried out, could not simulate fault. Throttle and CSU travels checked and found satis.
3. Clean fuel injectors - Fuel injector nozzles removed, ultrasonically cleaned and refitted. Ground runs carried out and found satis.
4. Oil level low - Added 2 x Shell W100 Plus Oil.

The work recorded above has been carried out in accordance with the Civil Aviation Regulations, as amended and in respect of that work the aircraft is fit for release to service.

Signed.....

STELLAIR CC
AMO 182
INSP NO.2

Date: 12 / 06 / 2018

**Note A signature in this column will be construed to signify that all maintenance specified and all the requirements prescribed in the applicable Civil Aviation Regulations ~~1997~~, as amended have been complied with*

SCHEDULE INSPECTION RECORD

DATE	SCHEDULED INSPECTIONS DONE						
	Engine T/T Hours	Engine TCSN	Engine TSO Hours	Inspection Type	Airframe hours	*Signature	AMO Approval Stamp or AME Licence No
29 AUG 2018	600,8	-	N/A	MPI (600 HR)	4543,8		STELLAIR AMO 182 INSP NO. 2

AMO 182 Stellair

Company Registration No. CK95/29118/23
Stellenbosch Airfield, Stellenbosch, South Africa.

P O Box 952,
Somerset West.
7129.

Tel: 021 8800234
Fax: 021 8801258

C.R.M.A. W 559

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MAINTENANCE AND DEFECT RECTIFICATION ON ENGINE OR ANY RELEVANT MATTER CONSIDERED NECESSARY TO RECORD OTHER THAN SCHEDULED INSPECTIONS

Stellair CC

AMO 182

P O Box 952
Somerset West 7129
South Africa

Stellenbosch Airfield
Stellenbosch

Telephone (021) 880 0234
Fax (021) 880 1258
e-mail: admin@stellair.co.za

Certificate Relating to Maintenance

Refer J/C No. 11145

REG	Engine Type	Serial No
ZS-KCY	**Lycoming IO-360-A1B6D**	**RL-35067-51E**

TT AF	**4543,8**
TTSN	**600,8**
TTSO	**N/A**

1. MPI carried out I.A.W SA CATS 43.02.8 Section B as well as manufacturers inspection schedule Referring to Cessna 177RG Series Maintenance Manual P/N D2009-4-13 Change 4 dated 2 October 1995.

2. Engine Blow Bys carried out & recorded as follows:

1	2	3	4
78 / 80	78 / 80	78 / 80	78 / 80

3. Oil and oil filter replaced.

4. Oil filler tube gasket leaking - New gasket fitted.

5. 4 Year / 500hr Inspection on Dual Magneto P/N D4LN-3000 S/N G10AA13 carried out by AES (Ref CRS 6643). Magneto refitted and timed to engine.

6. R/H exhaust cracked - Removed for repair and refitted thereafter.

1.

Certificate of Release to Service

South African Civil Aviation Part 145 Organization

AES

AMO1011/FACT

2. Location	3. Mail Address	4. AES Job Number:	CT6643
West Hangar Signature Flight Bldg Cape Town International Airport 7525	West Hangar Signature Flight Bldg Cape Town International Airport 7525 Tel: +27 (0)21 934 5373 E-mail: capetown@aeroelectrical.co.za	5. Certificate Serial No.:	6643

6. Qty.	7. Description.	8. Aircraft Registration	9. Part &/or Model No.	10. Eligibility.*	11. Serial/Batch No	12. Status/Work
1	500hr Inspection on Dual Magneto	ZS-KCY	D4LN-3000	See note 14.2	G10AA13	Service

Remarks:

500hr carried out on Magneto. Stripped and inspected. Cleaned all hardware. Tested coils and condenser. Replaced parts. Re-greased gears. Oiled bushes. Set E-Gap and Internal timing. Re-assembled and bench tested. Unit found serviceable.

Manual No:X41005 **Revision: 17 Oct 2015**

14. NOTE:
1. Life Limited Parts will normally be accompanied by maintenance history including life used – if supplied by customer.
2. Installer must cross-check eligibility with applicable technical data
3. *It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly.*
4. *Where the user/installer works in accordance with the national regulations of an Airworthiness Authority different from the Airworthiness Authority 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 specified in block 1.*
5. *Statement in item 14 does not constitute installation certification. In all cases the aircraft maintenance record must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.*

15
■ CAR43.04.4 (1) Release to service

☐ Other regulation specified in block 12.

Certifies that the part(s) identified above except as otherwise specified in block 13 was (were) manufactured/inspected in accordance with the applicable design data and with the Civil Aviation Regulations, 1997.

16. Signature:	17. Approval or PO Ref. No: 402/44
18. Name: Erwin Erasmus (AES AMO 1011 INSP 3)	19. Date: 06/08/2018

been complied with

MAINTENANCE AND DEFECT RECTIFICATION ON ENGINE OR ANY RELEVANT MATTER CONSIDERED NECESSARY TO RECORD OTHER THAN SCHEDULED INSPECTIONS

Stellair CC

AMO 182

P O Box 952
Somerset West 7129
South Africa

Stellenbosch Airfield
Stellenbosch

Telephone (021) 880 0234
Fax (021) 880 1258
e-mail: admin@stellair.co.za

Certificate Relating to Maintenance

Refer J/C No. 11145

REG	Engine Type	Serial No
ZS-KCY	**Lycoming IO-360-A1B6D**	**RL-35067-51E**

TT AF	**4543,8**
TTSN	**600,8**
TTSO	**N/A**

1. MPI carried out I.A.W SA CATS 43.02.8 Section B as well as manufacturers inspection schedule Referring to Cessna 177RG Series Maintenance Manual P/N D2009-4-13 Change 4 dated 2 October 1995.

2. Engine Blow Bys carried out & recorded as follows:

1	2	3	4
78 / 80	78 / 80	78 / 80	78 / 80

3. Oil and oil filter replaced.

4. Oil filler tube gasket leaking - New gasket fitted.

5. 4 Year / 500hr Inspection on Dual Magneto P/N D4LN-3000 S/N G10AA13 carried out by AES (Ref CRS 6643). Magneto refitted and timed to engine.

6. R/H exhaust cracked - Removed for repair and refitted thereafter.

I certify that the aircraft identified above has been inspected in accordance with a MPI inspection and in accordance with the Civil Aviation Regulations, as amended and is fit for release to service.

Signed.....

STELLAIR CC
AMO 182
INSP NO.2

Date: 29 / 08 / 2018

Note A signature in this column will be construed to signify that all maintenance specified and all the requirements prescribed in the applicable Civil Aviation Regulations ~~1997~~, as amended have been complied with

Stellair CC

AMO 182

P O Box 952
Somerset West 7129
South Africa

Stellenbosch Airfield
Stellenbosch

Telephone (021) 880 0234
Fax (021) 880 1258
e-mail: admin@stellair.co.za

Certificate Relating to Maintenance

Refer J/C No. 11325

REG	Engine Type	Serial No
ZS-KCY	**Lycoming IO-360-A1B6D**	**RL-35067-51E**

TT AF	**4561,0 Hrs**
TTSN	**618,0 Hrs**
TTSO	**N/A**

1. Mag drop - Troubleshooting carried out and 1 x sparkplug found u/s on # 2 cylinder. New sparkplug fitted to # 2 bottom. Ground runs carried out and found satis.

The work recorded above has been carried out in accordance with the Civil Aviation Regulations, as amended and in respect of that work the aircraft is fit for release to service.

STELLAIR CC
AMO 182
INSP NO.2

Signed.....

Date: 22 / 01 / 2019

DATE							
6 SEPT 2019	653,1	-	N/A	MPI (200 HR)	4596,1		STELLAIR CC AMO 182 INSP NO.2

**Note A signature in this column will be construed to signify that all maintenance specified and all the requirements prescribed in the applicable Civil Aviation Regulations ~~1997~~, as amended have been complied with*

MAINTENANCE AND DEFECT RECTIFICATION ON ENGINE OR ANY RELEVANT MATTER CONSIDERED NECESSARY TO RECORD OTHER THAN SCHEDULED INSPECTIONS

Description of maintenance performed	* Signature	AMO Approval Stamp or AME Licence No	Date

DATE

Stellair CC AMO 182

P.O Box 952 Stellenbosch Airfield Telephone (021) 880 0224

1. SOUTH AFRICAN CIVIL AVIATION AUTHORITY	2. **AUTHORISED RELEASE CERTIFICATE** CA 21-19 AIRWORTHINESS APPROVAL TAG	3. Form Tracking Number: 7502
4. Organization Name and Address: AERO ENGINEERING & POWERPLANT Hangar No. 4 Wonderboom Airport Pretoria.		5. Work order / contract / Invoice Number: ZS-KCY

6. Item:	7. Description:	8. Part No:	9. Eligibility: *	10. Quantity:	11. Serial / Batch No:	12. Status / Work:
1	CSU	C290D3K/T22	N/A	1	7741575	OVERHAUL

13. Remarks: CSU OVERHAULED AND TESTED IAW Mc CAULEY MANUAL 780401 Rev 8 and MPC 26 Rev 4.
SB'S EMBODIED: SB156, ASB273C. SB'S FOUND EMBODIED: SB113C, SB223.
SL'S EMBODIED: 1999-11, 2000-4, 2000-9B, 2000-10B, 2000-13A, 2002-13, 2005-1.
SL'S FOUND EMBODIED: 1998-30, 2007-11.

14. Certifies the items identified above were manufactured in conformity to: ☐ Approved design data and are in condition for safe operation. ☐ Non-approved data specified in block 13.	19. ☒ Part 43 Release to Service. ☐ Other regulation specified in block 13. Certifies that unless otherwise specified in Block 13,and the work Identified in block 12 and described in Block 13 was accomplished in accordance with Civil aviation Regulations, part 43 and in respect to that work, the items are approved for return to service.		
15.Authorised Signature	16.Approval/Authorization No.	20.Authorised Signature	21.Certificate/Approval Ref No. 227 AE&P INSPECTOR NO.: 1 AMO NO.: 227
17.Name	18.Date (YY/MM/DD)	22.Name A.NEL	Date (YY/MM/DD) 2020-05-15

*Installer must cross check eligibility with applicable technical data.

USER / INSTALLER RESPONSIBILITIES

1. **It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly.**
2. **Where the user/installer performs work in accordance with the national regulations of an Airworthiness Authority different form the Airworthiness Authority of the country specified in block 1, it is essential that user/installer ensures that his/her Airworthiness Authority accepts parts/components/assemblies from the Airworthiness Authority of the country specified in block 1.**
3. **Statement 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.**

*Note A signature in this column will be construed to signify that all maintenance specified and all the requirements prescribed in the applicable Civil Aviation Regulations ~~1997~~, as amended have been complied with

DATE

Stellair CC

AMO 182

P O Box 952
Somerset West 7129
South Africa

Stellenbosch Airfield
Stellenbosch

Telephone (021) 880 0234
Fax (021) 880 1258
e-mail: admin@stellair.co.za

Certificate Relating to Maintenance

Refer J/C No. 11836

REG	Engine Type	Serial No
ZS-KCY	**Lycoming IO-360-A1B6D**	**RL-35067-51E**

TT AF	**4665,8 Hrs**
TTSN	**722,8 Hrs**
TTSO	**N/A**

1. Oil change carried out.
2. 5 Year overhaul on CSU McCauley Model C290D3K/T22 P/N D-20309-20 S/N 7741575 (Ref CRS 7502) and refitted.

The work recorded above has been carried out in accordance with the Civil Aviation Regulations, as amended and in respect of that work the aircraft is fit for release to service.

Signed.....

STELLAIR CC
AMO 182
INSP NO.2

Date: 21 / 05 / 2020

**Note A signature in this column will be construed to signify that all maintenance specified and all the requirements prescribed in the applicable Civil Aviation Regulations ~~1997~~, as amended have been complied with*

MAINTENANCE AND DEFECT RECTIFICATION ON ENGINE OR ANY RELEVANT MATTER CONSIDERED NECESSARY TO RECORD OTHER THAN SCHEDULED INSPECTIONS

Description of maintenance performed	* Signature	AMO Approval Stamp or AME Licence No	Date

AIRWORTHINESS DIRECTIVE COMPLIANCE RECORD (Repetitive)

AD No	Date	Method of Compliance	Due Date	Signature	AME/AMO NO:
AD 76-07-12 R1	2021/03/22	BENDIX SWITCHES INSPECTION CARRIED OUT	2022/03/22		03 PRO AIR AMO MAINTENANCE 129 129
	Total Time 4632.7		Time Due 4732.7		
AD No	Date	Method of Compliance	Due Date	Signature	AME/AMO NO:
AD 84-26-02	2021/03/22	PAPER INDUCTION FILTERS CHALLENGER AIR FILTER FITTED	2024/03/21		03 PRO AIR AMO MAINTENANCE 129 129
	Total Time 4632.7		Time Due 5132.7		
AD No	Date	Method of Compliance	Due Date	Signature	AME/AMO NO:
AD 2011-10-09	2021/03/22	SEAT RAILINGS & HOUSINGS INSPECTION CARRIED OUT	2022/03/21		03 PRO AIR AMO MAINTENANCE 129 129
	Total Time 4632.7		Time Due 4732.7		
AD No	Date	Method of Compliance	Due Date	Signature	AME/AMO NO:
AD 70-24-04	2015/05/22	FUEL SHUT OFF VALVE INSPECTION FOUND - EMBODIED			STELLAIR 182
	Total Time 4357.4		Time Due 4457.4		
AD No	Date	Method of Compliance	Due Date	Signature	AME/AMO NO:
AD 72-03-03 R3	2015/05/22	WING FLAP JACK SCREW N/A BY S/N			STELLAIR 182
	Total Time 4357.4		Time Due 4857.4		
AD No	Date	Method of Compliance	Due Date	Signature	AME/AMO NO:
AD 2011-10-09	2021/03/22	SEAT RAILINGS & HOUSINGS INSPECTION CARRIED OUT	2022/03/21		03 PRO AIR AMO MAINTENANCE 129 129
	Total Time 4632.7		Time Due 4732.7		
AD No	Date	Method of Compliance	Due Date	Signature	AME/AMO NO:
			1900/12/30		
	Total Time		Time Due 0		
AD No	Date	Method of Compliance	Due Date	Signature	AME/AMO NO:
	Total Time		Time Due 0		
AD No	Date	Method of Compliance	Due Date	Signature	AME/AMO NO:
			1900/12/30		
	Total Time		Time Due 0		
AD No	Date	Method of Compliance	Due Date	Signature	AME/AMO NO:
	Total Time		Time Due 0		
AD No	Date	Method of Compliance	Due Date	Signature	AME/AMO NO:
	Total Time		Time Due 0		

Note: A signature in this column will [illegible] the requirements prescribed in the applicable Civil Aviation Regulations ~~1997~~, as amended have been complied with

MAINTENANCE AND DEFECT
RELEVANT MATTER CONSIDER
SCHEDULED INSPECTIONS

Description of maintenance performed

AIRWORTHINESS DIRECTIVE COMPLIANCE RECORD (Repetitive)

AD No	Date	Method of Compliance	Due Date	Signature	AME/AMO NO:	Intervals	Remaining
AD 76-07-12 R1	2021/03/22	BENDIX SWITCHES INSPECTION CARRIED OUT	2022/03/22		PRO AIR MAINTENANCE 129	Calender Interval	Calender
	Total Time		Time Due			1	5.1
	4632.7		4732.7			Hours Interval	Hours
						100	100.00
AD No	Date	Method of Compliance	Due Date	Signature	AME/AMO NO:	Calender Interval	Calender Interval
AD 84-26-02	2021/03/22	PAPER INDUCTION FILTERS CHALLENGER AIR FILTER FITTED	2024/03/21		PRO AIR MAINTENANCE 129	3	29.21
	Total Time		Time Due			Hours Interval	Hours Interval
	4632.7		5132.7			500	500.00
AD No	Date	Method of Compliance	Due Date	Signature	AME/AMO NO:	Calender Interval	Calender Interval
AD 2011-10-09	2021/03/22	SEAT RAILINGS & HOUSINGS INSPECTION CARRIED OUT	2022/03/21		PRO AIR MAINTENANCE 129	1	5.11
	Total Time		Time Due			Hours Interval	Hours Interval
	4632.7		4732.7			100	100.00
AD No	Date	Method of Compliance	Due Date	Signature	AME/AMO NO:	Calender Interval	Calender
AD 70-24-04	2015/05/22	FUEL SHUT OFF VALVE INSPECTION FOUND - EMBODIED			STELLAIR 182		
	Total Time		Time Due			Hours Interval	Hours
	4357.4		4457.4			100	175.30
AD No	Date	Method of Compliance	Due Date	Signature	AME/AMO NO:	Calender Interval	Calender Interval
AD 72-03-03 R3	2015/05/22	WING FLAP JACK SCREW N/A BY S/N			STELLAIR 182		
	Total Time		Time Due			Hours Interval	Hours Interval
	4357.4		4857.4			500	224.70
AD No	Date	Method of Compliance	Due Date	Signature	AME/AMO NO:	Calender Interval	Calender Interval
AD 2011-10-09	2021/03/22	SEAT RAILINGS & HOUSINGS INSPECTION CARRIED OUT	2022/03/21		PRO AIR MAINTENANCE 129	1	5.11
	Total Time		Time Due			Hours Interval	Hours Interval
	4632.7		4732.7			100	100.00
AD No	Date	Method of Compliance	Due Date	Signature	AME/AMO NO:	Calender Interval	Calender
			1900/12/30				
	Total Time		Time Due			Hours Interval	Hours
			0				
AD No	Date	Method of Compliance	Due Date	Signature	AME/AMO NO:	Calender Interval	Calender Interval
	Total Time		Time Due			Hours Interval	Hours Interval
			0				
AD No	Date	Method of Compliance	Due Date	Signature	AME/AMO NO:	Calender Interval	Calender
			1900/12/30				
	Total Time		Time Due			Hours Interval	Hours
			0				
AD No	Date	Method of Compliance	Due Date	Signature	AME/AMO NO:	Calender Interval	Calender Interval
	Total Time		Time Due			Hours Interval	Hours Interval
			0				
AD No	Date	Method of Compliance	Due Date	Signature	AME/AMO NO:	Calender Interval	Calender Interval
	Total Time		Time Due			Hours Interval	Hours Interval
			0				

**Note A signature in this column will be construed to signify that all maintenance specified and all the requirements prescribed in the applicable Civil Aviation Regulations ~~1997~~, as amended have been complied with*

SCHEDULE INSPECTION RECORD

DATE	SCHEDULED INSPECTIONS DONE						
	Engine T/T Hours	Engine TCSN	Engine TSO Hours	Inspection Type	Airframe hours	*Signature	AMO Approval Stamp or AME Licence No

SERVICE BULLETINS/LETTERS/INSTRUCTIONS (Repetitive)

SB/SL No	Date	Method of Compliance	Due Date	Signature	AME/AMO NO:
342G	2021/03/22 Total Time 4632.7	FUEL INJECTOR LINES INSPECTED AND FOUND SATIFACTORY (REF AD 2015-09-07)	2022/03/21 Time Due 4682.7	03 AMO 129	PRO AIR MAINTENANCE 129
SB/SL No	Date	Method of Compliance	Due Date	Signature	AME/AMO NO:
SB 583	2021/03/22 Total Time 4375.4	BENDIX SWITCHES INSPECTED AND FOUND SATIFACTORY	2022/03/21 Time Due 4475.4	03 AMO 129	PRO AIR MAINTENANCE 129
SB/SL No	Date	Method of Compliance	Due Date	Signature	AME/AMO NO:
83-06	2021/03/20 Total Time 4375.4	SEAT RAILS & ROLLER HOUSING INSPECTED & FOUND SATISFACTORY	2022/03/19 Time Due 4475.4	03 AMO 129	PRO AIR MAINTENANCE 129

*Note A signature in this column will be construed to signify that all maintenance specified and all the requirements prescribed in the applicable Civil Aviation Regulations ~~1997~~, as amended have been complied with

MAINTENANCE AND DEFECT RECTIFICATION ON ENGINE OR ANY RELEVANT MATTER CONSIDERED NECESSARY TO RECORD OTHER THAN SCHEDULED INSPECTIONS

Description of maintenance performed	* Signature	AMO Approval Stamp or AME Licence No	Date

AEROMECH II INC
QUALITY AIRCRAFT PARTS AND SERVICE

N258KC

HOBBS: 2218.7 ATT: 4596.1

W/O# 001835-004

02/01/2022 Time Since overhaul

IO-360-A1BD

ENGINE S/N RL-35067-51E 689.7

Drained oil and changed filter. Serviced with 100W Aeroshell.
Compression check; 1) 74, 2) 73, 3) 74, 4) 73.
Inspected spark plugs, checked mag timing, replaced exhaust system per Power Flow ICA and replaced tail pipe clamp, ground run and leak checked.

Signed: K Williford A&P-IA: 3674535

AEROMECH II INC
QUALITY AIRCRAFT PARTS AND SERVICE

N258KC

HOBBS: 2218.7 ATT: 4596.1

W/O# 001835-003

02/01/2022

ENGINE: Completed 100 hour for annual type inspection

Completed 100 hour for annual type inspection in accordance with FAR 43, APP "D" and 43.15. This engine was found to be in an airworthy condition and this aircraft is approved for return to service.

Signed: K Williford A&P-IA: 3674535

August 23, 2022 N258KC M/N: Cessna 177RG S/N: 177RG1304 Tach: 4652.7

Removed and cleaned spark plugs for cleaning as required; replaced four (4) spark plugs with new P/N URHM38E. Ops check ok.

The maintenance, preventive maintenance, or alterations described above were inspected in accordance with current FAA regulations and, with respect to work performed, the aircraft and/or components was found airworthy and is approved for return to service for the discrepant items listed. Details are on file at this agency under work order **22-12517.**

John J. Edwards
CRS# 1MYR828C

FIRSTWING
JET CENTER

11329 East State Road 32, Zionsville, IN 46077 | 317-769-4487 | CERTIFIED REPAIR STATION NO. 1MYR828C

**Note A signature in this column will be construed to signify that all maintenance specified and all the requirements prescribed in the applicable Civil Aviation Regulations ~~1997~~, as amended have been complied with*

SCHEDULE INSPECTION RECORD

DATE | SCHEDULED INSPECTIONS DONE | Stamp or No

Aviation Plus Services LLC
262-656-1260
Aviationplusllc.com

09/29/2022 N258KC Tach 4666
Changed oil and filter (7qts Aeroshell 15W50). Moved quick drain to right side of engine sump.

Robert Russell 3411885IA

Aviation Plus LLC
262-656-1260
Aviationplusllc.com

03/17/2023 N258KC Tach 4675 TTE SNEW 732
Compressions: 1)78,2)75 3)78, 4)79. Added two quarts of Aeroshell 15W50 oil. Performed mag 500hr inspection, replaced points in mag, corrected loose snap ring under impulse coupling that prevented impulse coupling from working. Replaced #2, #3, and #4 intake gaskets. CW AD 15-19-07 injector lines and supports, visual, due 100hrs. All routine items checked per inspection sheets. FAR43 App D. I certify that this engine was inspected in accordance with an annual inspection and was determined to be in airworthy condition.

Robert Russell 3411885IA

REG. # : N258KC		DATE: 11/28/2023
TACH:4706.8	HOBBS:2218.7	TT:

ENGINE: Checked and cleaned spark plugs on #2 cylinder, checks OK. Checked ignition leads to #2 cylinder, checks OK. Checked #2 cylinder compression- 78/80. Checked and cleaned #2 injector. Removed fuel gascolator bowl and inspected bowl and filter, no issues noted, replaced o-rings and reinstalled bowl and leak checked. Sumped all fuel sumps. Ground run and OPs check OK. Mag drop and EGTs/CHTs OK.*****END*****

Gwinnett Aero MAINTENANCE LLC

Mechanic Rob McDonald A&P 4356713

Aviation Plus LLC
262-656-1260
Aviationplusllc.com

04/03/2024 N258KC Tach 4718 TTE SNEW 775
Compressions: 1)77, 2)75, 3)76, 4)77. Changed oil and filter (7qts Aeroshell 15W50). CW AD 15-19-07 injector lines and supports, visual, due 100hrs. All routine items checked per inspection sheets. FAR43 App D. I certify that this engine was inspected in accordance with an annual inspection and was determined to be in airworthy condition.

Robert Russell 3411885IA

*Note A signature in this column will be construed to signify that all maintenance specified and all the requirements prescribed in the applicable Civil Aviation Regulations ~~1997~~, as amended have been complied with

Aviation Plus LLC
262-656-1260
Aviationplusllc.com

03/20/2025 N258KC Tach 4741 TTE SNEW 798
Compressions: 1)76, 2)75, 3)75, 4)77. Changed oil and filter (7qts Aeroshell 15W50). AD 24-21-02 connecting rod bushings applies, engine overhauled by Lycoming on 03-01-10, inspection of oil filter for brass particles, due each oil change until bushings are replaced. CW AD 15-19-07 injector lines and supports, visual, due 100hrs. All routine items checked per inspection sheets. FAR43 App D. I certify that this engine was inspected in accordance with an annual inspection and was determined to be in airworthy condition.

Robert Russell 3411885IA

Stamp or	Date

MAINTENANCE AND DEFECT RECTIFICATION ON ENGINE OR ANY RELEVANT MATTER CONSIDERED NECESSARY TO RECORD OTHER THAN SCHEDULED INSPECTIONS

Description of maintenance performed	* Signature	AMO Approval Stamp or AME Licence No	Date

MAINTENANCE AND DEFECT RECTIFICATION ON ENGINE OR ANY RELEVANT MATTER CONSIDERED NECESSARY TO RECORD OTHER THAN SCHEDULED INSPECTIONS

Description of maintenance performed	* Signature	AMO Approval Stamp or AME Licence No	Date

VERO INSPECTION 22