AIRFRAME LOGBOOK
FOR AIRCRAFT ZS-KCY

N258KC

VOLUME:
CA21-27A

Instructions for use of this logbook

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

2 All entries must be legible and made in 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, 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, 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 aircraft to which the Serial Number, make and designation applies.

AIRFRAME PARTICULARS

AIRCRAFT MANUFACTURER ..... CESSNA 177RG 1978

MODEL DESIGNATION 177RG

SERIAL NUMBER 177RG1304

INSTALLED ENGINE PARTICULARS

ENGINE MANUFACTURER ..... LYCOMING

	MODEL DESIGNATION	SERIAL NUMBER
1	IO - 360 - A1B6D	RL - 35067 - 51E
2		
3		
4		

INSTALLED PROPELLER PARTICULARS

PROPELLER MANUFACTURER ..... HARTZELL

	MODEL DESIGNATION	SERIAL NUMBER
1	HC - C3YR - 1RF	PA1126B
2		
3		
4		

Note The abovementioned information is to be completed when this logbook is opened and must never be amended.

I hereby certify that the particulars as stated above are a true reflection of the historical records pertaining to this aircraft and these records are available in the applicable aircraft logbook.

Name ..... J. NAVARRO ..... Signature .....

AME Number ..... 0272003245 ..... AMO certification stamp ..... STELLAIR CC AMO 182 INSP NO.2 ..... Date ..... 25 MAY 2017 .....

RECORD OF MAJOR DEFECTS AND DAMAGE SUSTAINED

Note this section is to be completed after every major incident where repairs are carried out to the primary structure of the aircraft.

Airframe Cycles

TRANSFERRED FROM PREVIOUS SA AIRFRAME
LOGBOOK NO. 1
DATE: 25 MAY 2017

TV 2/137

MAJOR DEFECTS AND DAMAGE RECORD
GROOT DEFEKTE EN BESKADIGINGSREKORD

Brief description of defect or damage Kort beskrywing van defek of beskadiging	Date of defect or damage Datum van defek of beskadiging	TT TU	*Signature *Handtekening	L/N
NOSE GEAR COLLAPSE	25.7.97.	2439:6		AIR FRAME 1
STOCK LOAD. DUE TO				
POP SHUTE AT FRASEBURG	2.6.04	3401:0		CAS AMO 44 #2

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

Name J. NAVARRO Signature

AME Number 0272003245 AMO certification stamp STELLAIR CC AMO 182 INSP NO.2 Date 25 MAY 2017

RECORD OF MAJOR DEFECTS AND DAMAGE SUSTAINED

Date of Incident	Total Airframe Time	Total Airframe 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 .....

RECORD OF MAJOR DEFECTS AND DAMAGE SUSTAINED

Date of Incident	Total Airframe Time	Total Airframe 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 .....

RECORD OF MAJOR DEFECTS AND DAMAGE SUSTAINED

Date of Incident	Total Airframe Time	Total Airframe 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 .....

RECORD OF COMPASS SWINGS

TYPE OF COMPASS	DATE OF SWING	*SIGNATURE AND AME OR AMO NUMBER
Airpath	27/7/17	[signature] Aircraft Instruments Insp 1 AMO918
Airpath	28/8/2018	[signature] AIRCRAFT INSTRUMENTS INSP 1 AMO 918
Airpath	2/9/2019	[signature] AIRCRAFT INSTRUMENTS INSP 1 AMO 918
Airpath	21/5/2020	[signature] AIRCRAFT INSTRUMENTS INSP 1 AMO 918

*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, as amended have been met in every respect.

TRANSFERRED FROM PREVIOUS SA AIRFRAME LOGBOOK NO.1 DATE: 25 MAY 2017

TV 2/137

CLASS I PRODUCT REPLACEMENT RECORD
KLAS I PRODUKVERANDERINGSREKORD

REMOVED/VERWYDER

Model / Model: Hartzell HC-C3YR-1RF
S/N / R/N: PA1126B
Airframe HRS: / Lugraam U: 4375,6

Reason / Rede: Due Overhaul

I certify that the information mentioned above is correct.
Ek sertifiseer dat bogenoemde inligting juis is.

Signature / Handtekening: STELLAIR CC AMO 182 INSP NO. 1
L/N / L/N: 0272019878
Date / Datum: 22 May 2015

INSTALLED/GEÏNSTALLEER

Model / Model: Hartzell HC-C3YR-1RF
S/N / R/N: PA1126B

TT / TU: 0.0
TSO / USO: N/A

I certify that the information mentioned above is correct.
Ek sertifiseer dat bogenoemde inligting juis is.

Signature / Handtekening: STELLAIR CC AMO 182 INSP NO. 1
L/N / L/N: 0272019878
Date / Datum: 22 May 2015

PROPS O/H'd BY T & W PROPELLER SERVICE, SERIAL SPECIFIC	X			2003-13-17
PROPS O/H'd BY SOUTHERN CALIFORNIA PROPELLER SERVICE, SERIAL SPECIFIC	X			2005-14-11
PROPS O/H'd BY CSE AVIATION U.K. SERIAL SPECIFIC	X			2006-24-07

No other Manufacturer's Service Documents or FAA AD's applicable to the above propeller as at the date specified in BLOCK 23.

LIFE LIMITED PARTS: NIL

14. Certifies the items identified above where 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 specicied 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 no
			A.M.O. 155 INSPECTOR NO 4
17. Name	18. Date: dd/mm/yyyy	22. Name: A. O'Mahony	23. Date: dd/mm/yyyy 19 May 2015

*installer must cross check eligibility with applicable technical data

USER/INSTALLER RESPONSIBILITES

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 other than the one specified in block 1, itessential is that the user/installer ensures that their airworthiness accepts parts/ components/assemblies from the airworthiness authority specified in block 1

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

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Removed by J. NAVARRO Signature .....

INSTALLATION RECORD

Component Designation HARTZELL HC-C3YR-1RF Serial Number PA1126B

Total Time 1261,8 Total Cycles N/A

Total time since overhaul ..... Total cycles since overhaul N/A

Approval Number of organisation who performed maintenance PROPELLER CENTRE AMO 155

Where are the records for this maintenance held PROPELLER CENTRE, WONDERBOOM AIRPORT & STELLAIR CC, STELLENBOSCH AIRFIELD

I hereby certify that in carrying out the installation all applicable conditions as laid down in the Civil Aviation Regulations, as amended have been complied with and the information above is correct.

Component installed by J. NAVARRO Signature .....

AME Number 0272003245 AMO stamp STELLAIR CC AMO 182 INSP NO.2 Date 21 MAY 2020

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Reasons for rem

Total Time 12

Removed by J. NAVARRO Signature

AUTHORISED RELEASE CERTIFICATE

CA 21-19 AIRWORTHINESS APPROVAL TAG

1 SOUTH AFRICA CIVIL AVIATION AUTHORITY

2

3 Certificate Ref. No. Job card: 14459

4 Approved Organization name and address: PROPELLER CENTRE CC, Hangar S1, Wonderboom Airport, Gauteng, RSA. Tel No. +27 12 567 1669 Fax No: +27 12 543 0684 e-mail : dolf@propcentre.co.za

5 Work order/ registration: ZS-KCY

6 Item	7 Description	8 Part No:	9 Eligibility1	10 Qty	11 Serial No:	12 Status / Work carried out
ONE	PROPELLER	HC-C3YR-1RF		ONE	PA1126B	OVERHAUL

13 Remarks: Manuals: Propeller: 113B R 42: 05/15 Blades: 133C R 31: 07/14 Standard practices: 202A R 28-50: 02/15

Blade model F 7282 Blade serials 1) K 07167 2) K 07164 3) K 07165

Service documents:

PUB.NO	SUBJECT	N/A	EMB	END EMB	APPLICABLE A.D.
SB 118F R1	BLADE COLD ROLLING		X		2007-26-09
SB 118F R1	AD 2002-09-08 SUPERCEDED BY AD 2007-26-09				
SB 136I	BLADE BORE INSPECTION		X		
SB 165E	HUB INSPECTION & REPLACEMENT DY1 THRU' DY1897	X			94-17-13
SB 213	CHAMFERING OF GREASE FITTING HOLES	X			94-17-13
SB 61-238	HUB REPLACEMENT (BY SERIAL NUMBER)	X			
SB 281	RE ANODIZING/ALODINING OF HUBS	X			
SB 61-296 R1	HUB INSPECTION & REPAIR	X			
SB 61-315	HUB PITCH CHANGE BORE REPAIR, DELRIN BUSH	X			
ASB 61-322	REPLACEMENT OF BLADES, BY SERIAL NUMBER	X			
SI 152B	REUSE OF HUB BOLTS		X		
SL 61-217	HARDWARE REPLACEMENT AT O/H		X		
SL 61-229	NEW LABELS		X		
SL 61-245	FACTORY PITCH CHANGE KNOB SHOT PEENING			X	
SL 61-255	INSP OF ALUMINIUM HUB PROPS INSTALLED ON AGRI A/C	X			
SL 61-265 R2	SMOOTH FORGED HUB		X		
SL 61-267	0.010" THICK TEFLON TAPE		X		
SL 61-274	MOUNTING STUD PART CHANGE		X		
SL 61-278	NEW PITCH STOP SET SCREW (102472) & LOCK NUT (A2043-1)		X		
SL 61-282 R1	PRELOAD PLATE WEAR LIMITS		X		
SL 61-293 R1	C3317-340-8 BLADE O RING	X			
SL 61-301	C3317-340-8 BLADE O RING	X			
SL 61-305	NEW HUB DESIGN; ENG SIDE P.C. ROD BUSHING	X			
PROPS O/H'd BY BROTHERS AERO SERVICES Co. SERIAL SPECIFIC		X			2001-07-03
PROPS O/H'd BY T & W PROPELLER SERVICE. SERIAL SPECIFIC		X			2003-13-17
PROPS O/H'd BY SOUTHERN CALIFORNIA PROPELLER SERVICE. SERIAL SPECIFIC		X			2005-14-11
PROPS O/H'd BY CSE AVIATION U.K. SERIAL SPECIFIC		X			2006-24-07

No other **Manufacturer's Service Documents** or **FAA AD's** applicable to the above propeller as at the date specified in BLOCK 23.

LIFE LIMITED PARTS: NIL

14. Certifies the items identified above where manufactured in conformity to:
- [ ] approved design data and are in condition for safe operation.
- [ ] Non-approved data specified in block 13

19.
- [x] Part 43 Release to service
- [ ] Other regulation specicied 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 no
			A.M.O. 155 INSPECTOR NO 4
17. Name:	18. Date: dd/mm/yyyy	22. Name: A. O'Mahony	23. Date: dd/mm/yyyy 19 May 2015

*installer must cross check eligibility with applicable technical data

USER/INSTALLER RESPONSIBILITES

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 other than the one specified in block 1, itessential is that the user/installer ensures that their airworthiness accepts parts/ components/assemblies from the airworthiness authority specified in block 1

3) Statement 14 & 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

INSTALLATION RECORD

Component Designation HARTZELL HC-C3YR-1RF Serial Number PA1126B

Total Time 1261,8 Total Cycles N/A

Total time since overhaul Total cycles since overhaul N/A

Approval Number of organisation who performed maintenance PROPELLER CENTRE AMO 155

Where are the records for this maintenance held PROPELLER CENTRE, WONDERBOOM AIRPORT & STELLAIR CC, STELLENBOSCH AIRFIELD

I hereby certify that in carrying out the installation all applicable conditions as laid down in the Civil Aviation Regulations, as amended have been complied with and the information above is correct.

Component installed by J. NAVARRO Signature

AME Number 0372003245 AMO stamp STELLAIR CC AMO 182 INSP NO.2 Date 21 MAY 2020

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AME Number

Component Desi

Reasons for rem

Total Time 12

Removed by J. NAVARRO

AUTHORISED RELEASE CERTIFICATE

CA 21-19 AIRWORTHINESS APPROVAL TAG

1 SOUTH AFRICA CAA APPROVED

2

3 Certificate Ref. No. Job card: 14459.

4 Approved Organization name and address: PROPELLER CENTRE CC, Hangar S1, Wonderboom Airport, Gauteng, RSA. Tel No. +27 12 567 1689 Fax No: +27 12 543 0684 e-mail : doll@propcentre.co.za

5 Work order/ registration: ZS-KCY

6 Item	7 Description	8 Part No:	9 Eligibility†	10 Qty	11 Serial No:	12 Status / Work carried out
ONE	PROPELLER	HC-C3YR-1RF		ONE	PA1126B	OVERHAUL

13 Remarks:

Manuals: Propeller: 113B R 42: 05/15 Blades: 133C R 31: 07/14 Standard practices: 202A R 28-50: 02/15

Blade model F 7282 Blade serials 1) K 07167 2) K 07164 3) K 07165

Service documents:

PUB.NO	SUBJECT	N/A	EMB	FND EMB	APPLICABLE A.D.
SB 118F R1	BLADE COLD ROLLING		X		2007-26-09
SB 118F R1	AD 2002-09-08 SUPERCEDED BY AD 2007-26-09				
SB 136I	BLADE BORE INSPECTION		X		
SB 165E	HUB INSPECTION & REPLACEMENT DY1 THRU' DY1897	X			94-17-13
SB 213	CHAMFERING OF GREASE FITTING HOLES	X			94-17-13
SB 61-238	HUB REPLACEMENT (BY SERIAL NUMBER)	X			
SB 281	RE ANODIZING/ALODINING OF HUBS	X			
SB 61-296 R1	HUB INSPECTION & REPAIR	X			
SB 61-315	HUB PITCH CHANGE BORE REPAIR, DELRIN BUSH	X			
ASB 61-322	REPLACEMENT OF BLADES, BY SERIAL NUMBER	X			
SI 152B	REUSE OF HUB BOLTS		X		
SL 61-217	HARDWARE REPLACEMENT AT O/H		X		
SL 61-229	NEW LABELS		X		
SL 61-245	FACTORY PITCH CHANGE KNOB SHOT PEENING			X	
SL 61-255	INSP OF ALUMINIUM HUB PROPS INSTALLED ON AGRI A/C	X			
SL 61-265 R2	SMOOTH FORGED HUB		X		
SL 61-267	0.010" THICK TEFLON TAPE		X		
SL 61-274	MOUNTING STUD PART CHANGE		X		
SL 61-278	NEW PITCH STOP SET SCREW (102472) & LOCK NUT (A2043-1)		X		
SL 61-282 R1	PRELOAD PLATE WEAR LIMITS		X		
SL 61-293 R1	C3317-340-8 BLADE O RING	X			
SL 61-301	C3317-340-8 BLADE O RING	X			
SL 61-305	NEW HUB DESIGN; ENG SIDE P.C. ROD BUSHING	X			
PROPS O/H'd BY BROTHERS AERO SERVICES Co. SERIAL SPECIFIC		X			2001-07-03
PROPS O/H'd BY T & W PROPELLER SERVICE. SERIAL SPECIFIC		X			2003-13-17
PROPS O/H'd BY SOUTHERN CALIFORNIA PROPELLER SERVICE. SERIAL SPECIFIC		X			2005-14-11
PROPS O/H'd BY CSE AVIATION U.K. SERIAL SPECIFIC		X			2006-24-07

No other **Manufacturer's Service Documents** or **FAA AD's** applicable to the above propeller as at the date specified in BLOCK 23.

LIFE LIMITED PARTS: NIL

14. Certifies the items identified above where 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 specicied 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 no
			A.M.O. 155 INSPECTOR NO 4
17. Name	**18. Date: dd/mm/yyyy**	**22. Name:** A. O'Mahony	**23. Date: dd/mm/yyyy** 19 May 2015

†installer must cross check eligibility with applicable technical data

USER/INSTALLER RESPONSIBILITES

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 other than the one specified in block 1, itessential is that the user/installer ensures that their airworthiness accepts parts/ components/assemblies from the airworthiness authority specified in block 1

3) Statement 14 & 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

Signature

INSTALLATION RECORD

Component Designation HARTZELL HC-C3YR-1RF Serial Number PA1126B

Total Time 1261,8 Total Cycles N/A

Total time since overhaul Total cycles since overhaul N/A

Approval Number of organisation who performed maintenance PROPELLER CENTRE AMO 155

Where are the records for this maintenance held PROPELLER CENTRE, WONDERBOOM AIRPORT & STELLAIR CC, STELLENBOSCH AIRFIELD

I hereby certify that in carrying out the installation all applicable conditions as laid down in the Civil Aviation Regulations, as amended have been complied with and the information above is correct.

Component installed by J. NAVARRO Signature

AME Number 0212003245 AMO stamp STELLAIR CC AMO 182 INSP NO.2 Date 21 MAY 2020

TRANSFERRED FROM PREVIOUS SA AIRFRAME LOGBOOK NO.1 DATE: 25 MAY 2017

TV 2/137

CLASS I PRODUCT REPLACEMENT RECORD
KLAS I PRODUKVERANDERINGSREKORD
REMOVED/VERWYDER

Model / Model: Hartzell HC-C3YR-1RF S/N / R/N: PA1126B Airframe HRS: / Lugraam U: 4375,6

Reason / Rede: Due Overhaul

I certify that the information mentioned above is correct.
Ek sertifiseer dat bogenoemde inligting juis is.

Signature / Handtekening: STELLAIR CC AMO 182 INSP NO. 1 L/N: 0272019878 Date / Datum: 22 May 2015

INSTALLED/GEÏNSTALLEER

Model / Model: Hartzell HC-C3YR-1RF S/N / R/N: PA1126B

TT / TU: 0.0 TSO / USO: N/A

I certify that the information mentioned above is correct.
Ek sertifiseer dat bogenoemde inligting juis is.

Signature / Handtekening: STELLAIR CC AMO 182 INSP NO. 1 L/N: 0272019878 Date / Datum: 22 May 2015

PROPS O/H'd BY BROTHERS AERO SERVICES Co. SERIAL SPECIFIC	X			2001-07-03
PROPS O/H'd BY T & W PROPELLER SERVICE. SERIAL SPECIFIC	X			2003-13-17
PROPS O/H'd BY SOUTHERN CALIFORNIA PROPELLER SERVICE. SERIAL SPECIFIC	X			2005-14-11
PROPS O/H'd BY CSE AVIATION U.K. SERIAL SPECIFIC	X			2006-24-07

No other Manufacturer's Service Documents or FAA AD's applicable to the above propeller as at the date specified in BLOCK 23.

LIFE LIMITED PARTS: NIL

14. Certifies the items identified above where manufactured in conformity to:
- [ ] approved design data and are in condition for safe operation.
- [ ] Non-approved data specified in block 13

15. Authorised signature:
16. Approval/Authorization No.
17. Name
18. Date: dd/mm/yyyy

19.
- [x] Part 43 Release to service
- [ ] Other regulation specicied 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.

20. Authorised signature
21. Certificate/approval no: A.M.O. 155 INSPECTOR NO 4
22. Name: A. O'Mahony
23. Date: dd/mm/yyyy: 19 May 2015

*installer must cross check eligibility with applicable technical data

USER/INSTALLER RESPONSIBILITES

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 other than the one specified in block 1, it essential is that the user/installer ensures that their airworthiness accepts parts/ components/assemblies from the airworthiness authority specified in block 1

3) Statement 14 & 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

Removed by: J. NAVARRO Signature:

INSTALLATION RECORD

Component Designation: HARTZELL HC-C3YR-1RF Serial Number: PA1126B

Total Time: 1261,8 Total Cycles: N/A

Total time since overhaul: Total cycles since overhaul: N/A

Approval Number of organisation who performed maintenance: PROPELLER CENTRE AMO 155

Where are the records for this maintenance held: PROPELLER CENTRE, WONDERBOOM AIRPORT & STELLAIR CC, STELLENBOSCH AIRFIELD

I hereby certify that in carrying out the installation all applicable conditions as laid down in the Civil Aviation Regulations, as amended have been complied with and the information above is correct.

Component installed by: J. NAVARRO Signature:

AME Number: 0272003245 AMO stamp: STELLAIR CC AMO 182 INSP NO.2 Date: 21 MAY 2020

MODIFICATIONS EMBODIED

ription of modification .....

fication approval number .....

eby certify that in carrying out the modification all applicable conditions as laid down in the Civil Aviation lations, as amended have been complied with.

fication carried out by ..... Signature .....

Stamp ..... Date .....

MODIFICATIONS EMBODIED

Description of modification

INSTALLATION of EDM 900 Engine monitor.

IAW STC SA01435SE and A0717251

Modification approval number .....

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

Modification carried out by Aircraft Instruments Insp AMO918 Signature

AMO Stamp ..... Date 21/6/2017

MODIFICATIONS EMBODIED

Description of modification

INSTALLATION OF POWER FLOW SYSTEMS EXHAUST SYSTEM IAW STC SA03623 AT

Modification approval number M/19/152/S

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

Modification carried out by J. NAVARRO Signature

AMO Stamp STELLAIR CC AMO 182 INSP NO.2 Date 25 APRIL 2019

MODIFICATIONS EMBODIED

ription of modification .....

fication approval number .....

eby certify that in carrying out the modification all applicable conditions as laid down in the Civil Aviation llations, as amended have been complied with.

fication carried out by ..... Signature .....

Stamp ..... Date .....

Description of modification

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monter.

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Modification approval number .....

I hereby certify that in carrying out
Regulations, as amended have be

Modification carried out by .....

AMO Stamp .....

Description of modification

INSTALLATION
IAW STC S

Modification approval number .....

I hereby certify that in carrying out
Regulations, as amended have be

Modification carried out by .....

AMO Stamp .....

MODIFICATION APPROVAL CERTIFICATE

In terms of the

SOUTH AFRICAN CIVIL AVIATION REGULATIONS, 2011, AS AMENDED

Approval Number: M/19/152/S

This Modification Approval is issued by SACAA, acting in accordance with South African Civil Aviation Regulation Part 43.02.15: Modifications.

Name of Modification Holder	**Stellair CC**
Physical Address of Holder	**Hangar 1, Stellenbosch Airfield, Stellenbosch**
Postal Address of Holder	**P.O Box 952, Somerset West, 7129**

and certifies that the change in the type design for the product listed below with the limitations and conditions specified meets the applicable Type Certification Basis and environmental protection requirements when operated within the conditions and limitations specified below:

Product Make and Model	**Cessna 177RG**		
Registration Number of Aircraft	**ZS-KCY**	**Project Number**	**A0910753**
Product Serial Number	**177RG1304**	**Affected TCDS No.**	**A20CE:A26EU**

Description of Type Design Change:

Installation of Power Flow, Inc.(PFS) "improved performance" exhaust system per STC No: SA03623AT

Certification Basis:

The Certification Basis for the original product remains applicable to this certificate/ approval. The requirements for environmental protection and the associated certificated noise and/ or emissions levels of the original product are unchanged and remain applicable to this certificate/ approval.

This Certificate and the supporting data, which is the basis for approval, shall remain in effect until surrendered, suspended, revoked, or a termination date is otherwise established by the Director of Civil Aviation.

2019 -05- 21	Matlhogonolo Ramukumba Certification Engineerr Civil Aviation Authority	FOR DIRECTOR OF CIVIL AVIATION
DATE OF ISSUE	**NAME IN BLOCK LETTERS**	**For: DIRECTOR OF CIVIL AVIATION**

AIRCRAFT INSTRUMENTS

CERTIFICATE RELATING TO MAINTENANCE OF AN AIRCRAFT — JOB NO: 16054

AIRCRAFT TypE: C177RG	SERIAL NO.: 177RG1304	REGISTRATION: ZS-KCY

EQUIpMENT TypE & WORK CARRIED OUT:

INSTALL Garmin GNS430W NAV/COM/GPS unit on Aircraft. GND test found all satisfactory

A.W. MANUAL No.: STC SA 01933LA-D AND AIC 61,6

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

Aircraft Instruments Insp 1 AMO918

D..... AMO LICENCE NO. ..... DATE 15/6/2015

Description of modification

INSTALLA
monitor.

IAW

Modification approval number .....

I hereby certify that in carrying out
Regulations, as amended have be

Modification carried out by .....

AMO Stamp .....

Description of modification

INSTALLATION
IAW STC S

Modification approval number .....

I hereby certify that in carrying out
Regulations, as amended have be

Modification carried out by .....

AMO Stamp .....

MODIFICATION APPROVAL CERTIFICATE

In terms of the

SOUTH AFRICAN CIVIL AVIATION REGULATIONS, 2011, AS AMENDED

Approval Number: M/19/152/S

This Modification Approval is issued by SACAA, acting in accordance with South African Civil Aviation Regulation Part 43.02.15: Modifications.

Name of Modification Holder	**Stellair CC**
Physical Address of Holder	**Hangar 1, Stellenbosch Airfield, Stellenbosch**
Postal Address of Holder	**P.O Box 952, Somerset West, 7129**

and certifies that the change in the type design for the product listed below with the limitations and conditions specified meets the applicable Type Certification Basis and environmental protection requirements when operated within the conditions and limitations specified below:

Product Make and Model	**Cessna 177RG**		
Registration Number of Aircraft	**ZS-KCY**	**Project Number**	**A0910753**
Product Serial Number	**177RG1304**	**Affected TCDS No.**	**A20CE:A26EU**

Description of Type Design Change:

Installation of Power Flow, Inc.(PFS) "improved performance" exhaust system per STC No: SA03623AT

Certification Basis:

The Certification Basis for the original product remains applicable to this certificate/ approval. The requirements for environmental protection and the associated certificated noise and/ or emissions levels of the original product are unchanged and remain applicable to this certificate/ approval.

This Certificate and the supporting data, which is the basis for approval, shall remain in effect until surrendered, suspended, revoked, or a termination date is otherwise established by the Director of Civil Aviation.

2019-05-21	Matlhogonolo Ramukumba, Certification Engineerr, Civil Aviation Authority	FOR DIRECTOR OF CIVIL AVIATION
DATE OF ISSUE	**NAME IN BLOCK LETTERS**	**For: DIRECTOR OF CIVIL AVIATION**

AW19629

AIRCRAFT INSTRUMENTS

CERTIFICATE RELATING TO MAINTENANCE OF AN AIRCRAFT

JOB NO: 16054

AIRCRAFT TypE: C 177RG	SERIAL NO.: 177RG1304	REGISTRATION: ZS-KCY

EQUIpMENT TypE & WORK CARRIED OUT:

INSTALL Garmin GNS430W NAV/COM/GPS unit on Aircraft. GND test found all satisfactory

IN A.W. MANUAL No.: STC SA 01933LA-D AND AIC 61,6

s prescribed
d with.

DATE 15/6/2015

SOUTH AFRICAN CIVIL AVIATION AUTHORITY

Physical Address: Ikhaya Lokundiza, Treur Close, Waterfall Park, Bekker Street, Midrand
Postal Address: Private Bag X 73, Halfway House, 1685
Telephone Number: +27 11 545 1000
Fax Number: +27 11 545 1465
E-mail Address: mail@caa.co.za
Website Address: www.caa.co.za
Southern Region Office: PO Box 174, Cape Town International Airport
Tel. Number: +27 21 934 4744
Fax Number: +27 21 934 1326

Reference: **AO717251**
Enquiries: Mduduzi Dube
Department: Airworthiness Engineering

Telephone number: 011-545-1592
Fax number: 011-545-1462
E-mail address: dubem@caa.co.za

Date: **26 June 2017**

Accountable Manager
Aircraft Instruments
Private Bag X 24
Howard Place

Dear Sir/Madam

Attention: P van Der Linde

RE: CONDITIONAL APPROVAL FOR SACAA PROJECT NUMBER AO717251

Please be advised that conditional approval pertinent to your Application for Approval of Modification dated 14 June 2017 on **ZS-KCY**, Cessna **177RG**, serial number **177RG 1304** aircraft, **has been granted effective today** for 30 days. Kindly proceed with installation of **JPI EDM System** as per the FAA STC **SA01435SE** and conduct ground checks. The additional conditions (as stated on CA 43-14 attached, page 3 of 3) to be satisfactorily addressed are as follows;

1. ARC Aircraft (CA 21-19) must be submitted to SACAA instead of CRMA.
2. Functional Test Results must be submitted to SACAA.
3. ICA must be submitted to SACAA.
4. Amended Equipment list must be submitted to SACAA.
5. Mass and Balance Report must be submitted to SACAA.
6. AFMS/POH must be submitted to SACAA.

This conditional approval is valid for 30 days effective 26 June 2017 and will expiry on 26 July 2017.

Warm regards.

FOR DIRECTOR OF CIVIL AVIATION

MDUDUZI DUBE
Airworthiness Engineering Department (AED)
For: DIRECTOR OF CIVIL AVIATION

ORIGINAL FILED WITH J/C # 10733

Board Members: Mr Smunda Mokoena (Chairperson); Professor Ntombizozuko Dyani-Mhango; Major-General Nhlanhla Lucky Job Ngema; Ms Lizeka Dlepu; Ms Doris Dondur; Mr Mongezi India
DCA: Ms Poppy Khoza; **Company Secretary:** Ms Nivashnee Naraindath

ERTIFICATE

NS, 2011, AS AMENDED

nce with South African Civil Aviation

ellair CC
sch Airfield, Stellenbosch
Somerset West, 7129

sted below with the limitations and isis and environmental protection specified below:

sna 177RG	
ect Number	AO910753
ed TCDS No.	A20CE:A26EU

aust system per STC No:

to this certificate/ approval.
certificated noise and/ or emissions
e to this certificate/ approval.

val, shall remain in effect until
olished by the Director of Civil Aviation.

FOR DIRECTOR OF CIVIL AVIATION

For: DIRECTOR OF CIVIL AVIATION

Page 1 of 1

AW19629

Description of mo

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TRANSFERRED FROM PREVIOUS SA AIRFRAME
LOGBOOK NO. 1
DATE: 25 MAY 2017

CLASS II PRODUCT OVERHAUL AND/OR REPLACEMENT RECORD
REKORD

TV 2/137

Signature / Handtekening	LN / LN	
2016	STELLAIR CC AMO 182 INSP NO. 2	
2016	STELLAIR CC AMO 182 INSP NO. 1	
INSPECTION CARRIED OUT BY AES (CAM 3677)		
mods AVO 916		

TRANSFERRED FROM PREVIOUS SA AIRFRAME
LOGBOOK NO. 1
DATE: 25 MAY 2017

Master Tech Aircraft Maintenance cc
AMO 1029

Certificate Relating to Maintenance of Aircraft

MTTS 169

Aircraft Type
Model
Serial # 177-1304
Registration ZS-KCY

Particulars of work carried out:
2 X Lapstraps refurbished using serviceable hardware
4 X Shoulder harnesses refurbished using serviceable hardware

Tested as required - satisfactory

Maintenance Manuals used:
AC 43.13-1B Revision Status: 2008
AC 43.13-2B

Modifications embodies:
NIL

I hereby certify that in carrying out the foregoing specified maintenance, all requirements prescribed in the Civil Aviation Regulations, 1997, as amended, have been complied with.

Signature: Licence/Approval #:

AIRCRAFT INSTRUMENTS

CERTIFICATE RELATING TO MAINTENANCE OF AN AIRCRAFT **JOB NO:** 16054

AIRCRAFT TypE: C 177 RG	SERIAL NO.: 177 RG 1304	REGISTRATION: ZS-KCY

EQUIpMENT TypE & WORK CARRIED OUT:
INSTALL Garmin GNS 430W NAV/COM/GPS unit on Aircraft. GND test found all satisfactory

IN A.W. MANUAL No.: STC SA 01933 LA-D AND AIC 61/6

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

Aircraft Instruments Insp 1 AMO 918

SIGNED ..... **AMO LICENCE NO.** ..... **DATE** 15/6/2015

TRANSFERRED FROM PREVIOUS SA AIRFRAME LOGBOOK NO. 1
DATE: 25 MAY 2017

TRANSFERRED FROM PREVIOUS SA AIRFRAME
LOGBOOK NO. 1
DATE: 25 MAY 2017

CLASS II PRODUCT OVERHAUL AND/OR REPLACEMENT RECORD
GREKORD

TV 2/137

Signature Handtekening	L/N L/N
2010	STELLAIR CC AMO 182 INSP NO. 2
3/10	STELLAIR CC AMO 182 INSP NO. 1
INSPECTION CARRIED OUT BY AES (CAM 3677)	
words AMO 918	

TRANSFERRED FROM PREVIOUS SA AIRFRAME
LOGBOOK NO. 1
DATE: 25 MAY 2017

Master Tech Aircraft Maintenance cc
AMO 1029

Certificate Relating to Maintenance of Aircraft

MTTS 169

Aircraft Type
Model
Serial # 177-1304
Registration ZS-KCY

Particulars of work carried out:
2 X Lapstraps refurbished using serviceable hardware
4 X Shoulder harnesses refurbished using serviceable hardware

Tested as required - satisfactory

Maintenance Manuals used:
AC 43.13-1B Revision Status: 2008
AC 43.13-2B

Modifications embodies:
NIL

I hereby certify that in carrying out the foregoing specified maintenance, all requirements prescribed in the Civil Aviation Regulations, 1997, as amended, have been complied with.

Signature: VR Seagrave

Licence/Approval #: MASTERTECH V R SEAGRAVE 0272010216

Date: 14-Jul-08

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, as amended have been met in every respect.

TRANSFERRED FROM PREVIOUS SA AIRFRAME LOGBOOK NO. 1

DATE: 25 MAY 2017

TV 2/137

CLASS II PRODUCT OVERHAUL AND/OR REPLACEMENT RECORD
KLAS II PRODUK OPKNAPPING EN/OF VERVANGINGSREKORD

Designation Beskrywing	P/N	S/N R/N	Date Datum	†Airframe hrs or date †Lugraam ure of datum	*Signature Handtekening	L/N LN
SAFETY BELTS REMAN	—		14/4/08	3844.0	[signature]	STELLAIR CC AMO 182 INSP NO. 2
A/H DOWN LOCK	1280504-2	6453	22 MAY 15	4375,4		
L/H DOWN LOCK	1280504-2	6454	22 MAY 15	4375,4		
EMERGENCY PUMP	208005-1	7663	22 MAY 15	4375,4		
NOSE ACTUATOR	2043026-12	46314	22 MAY 15	4375,4		
MAIN ACTUATOR	2041007-2	7641	22 MAY 15	4375,4	[signature]	
HYDRAULIC POWER PACK	9881110-1	245	22 MAY 15	4375,4		STELLAIR CC AMO 182 INSP NO. 1
LANDING POWER PACK MOTOR	—	441	22 MAY 15	4375,4	5 YEAR INSPECTION CARRIED OUT BY AES (CRM 3677)	
POWER PACK RUBBER COMPONENTS	—	—	22 MAY 15	4375,4		
FLEXIBLE AIRFRAME HOSES	LANDING GEAR BRAKES FUEL	—	22 MAY 15	4375,4		
Garmin GNS 430W Nav/Com/GPS	-	-	15 June '15		Installed by Aircraft Instruments PTY Ltd	

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, as amended have been met in every respect.

Component Designation	Serial Number	Total Time	Release note No	* Installed By AME/AMO Number	Date of Installation
BATTERY P/N G-242	G02974245	NEW	GILL - TELEDYNE BATTERY PRODUCTS	STELLAIR AMO 182	4 AUG 2017
SEATBELTS X 4	MODEL CESSNA 177	NEW	BIONIC AVIATION CAMA 0282	STELLAIR AMO 182	29 AUG 2018

* *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, as amended have been met in every respect.

AIRWORTHINESS DIRECTIVE COMPLIANCE RECORD ONE TIME ACTION

TRANSFERRED FROM PREVIOUS SA AIRFRAME
LOGBOOK NO. 1 DATE: 25 MAY 2017

TV 2/137

AIRWORTHINESS DIRECTIVE COMPLIANCE RECORD (ONE TIME ACTION)
LUGWAARDIGHEIDSVOORSKRIFTE NAKOMINGSREKORD (EENMALIGE AKSIE)

AD No	Method of Compliance	Date & Hours @ Comp.		Signature & AME / AMO No.
AD 68-07-09	Longitudinal control system found - N/A by S/N. (Ref SE 68-14)	22-May-15	4375,4 Hrs	STELLAIR CC AMO 182 INSP NO. 1
AD 68-17-04	Stall warning system found - N/A by S/N.	22-May-15	4375,4 Hrs	
AD 71-01-03	Stabilizer attach angles found - N/A by S/N & Model. (Ref SE 70-32)	22-May-15	4375,4 Hrs	
AD 74-16-06	Oil Pressure gage line found - N/A by S/N. (Ref SE 74-2)	22-May-15	4375,4 Hrs	
AD 75-07-02	Air filter seal - new filter fitted. (Ref SE 75-3)	22-May-15	4375,4 Hrs	
AD 76-14-08	Trim tab actuator found - N/A by S/N. (Ref SE 76-14)	22-May-15	4375,4 Hrs	
AD 76-21-06	Found - N/A by S/N. (Ref SE 76-17)	22-May-15	4375,4 Hrs	
AD 77-12-08	External elec. ground power found - N/A by S/N. (Ref SE 77-1 Suppl. 1)	22-May-15	4375,4 Hrs	
AD 79-08-03	Electrical system found - N/A by S/N.	22-May-15	4375,4 Hrs	
AD 79-10-14 R1	Fuel tank venting found - N/A by Type. (Ref SE 77-6)	22-May-15	4375,4 Hrs	
AD 86-19-11	Fuel inspected iaw SE 79-45 and found satis.	22-May-15	4375,4 Hrs	
AD 86-24-07	Engine controls installation inspected iaw SE 79-6 and found satis.	22-May-15	4375,4 Hrs	
AD 88-12-12	Fuel system inspected and found satis.	22-May-15	4375,4 Hrs	
AD 97-01-13	Fuel, oil or hydraulic hose inspected iaw SEB 96-15 R1 and found satis.	22-May-15	4375,4 Hrs	
AD 2004-19-01	Pilot / Co-Pilot shoulder harness inspected iaw SEB 86-8 R1 and found satis.	22-May-15	4375,4 Hrs	
—	NIL THIS TIME	13 MAY 16	4422,6	STELLAIR CC AMO 182 INSP NO.2

				AME/AMO Number
				STELLAIR CC AMO 182 INSP NO.2
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	Total time			
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* *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, 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
—	28 JULY 2017	NIL THIS TIME		STELLAIR CC AMO 182 INSP NO.2
	Total time 4482,4 Hrs			
	Date	Method of compliance	* Signature	AME/AMO Number
—	29 AUG 2018	NIL THIS TIME		STELLAIR CC AMO 182 INSP NO.2
	Total time 4543,8 Hrs			
	Date	**Method of Compliance**	* Signature	AME/AMO Number
FAA AD 2019-07-11 SEL 57-07	6 SEPT 2019	Carry-Thru Spar Eddy Current Inspection carried out iaw SEL-57-07 by Mac Air NDT Solutions (Ref CRMA 2019/01494).		STELLAIR CC AMO 182 INSP NO.2
	Total time 4596,1 Hrs			
	Date	Method of compliance	* Signature	AME/AMO Number
	Total time			
	Hrs			
	Date	Method of compliance	* Signature	AME/AMO Number
	Total time			
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	Date	Method of compliance	* Signature	AME/AMO Number
	Total time			
	Hrs			

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AIRWORTHINESS DIRECTIVE COMPLIANCE RECORD (REPETITIVE)

TRANSFERRED FROM PREVIOUS SA AIRFRAME LOGBOOK NO. 1 DATE: 25 MAY 2017

RAIS	NON DESTRUCTIVE INSPECTION REPORT CAA M663	Doc No.	RAY/1385/08
		Date	2008-08-14
		Page	1 of 1

CUSTOMER	STELLAIR CC	DATE	2008-08-14
DESCRIPTION	Cessna 177	PART No:	n/a

TRANSFERRED FROM PREVIOUS SA AIRFRAME LOGBOOK NO. 1 DATE: 25 MAY 2017

TV 2/137

RECURRING AIRWORTHINESS DIRECTIVES COMPLIANCE RECORD
HERHALENDE LUGWAARDIGHEIDSVOORSKRIFTE NAKOMINGSREKORD

AD No	Method of Compliance	Date & Hours @ Comp.		Signature & AME / AMO No.
AD 70-24-04	Fuel shutoff valve found - Embodied. (Ref SE 70-24)	22-May-15	4375,4 Hrs	STELLAIR CC AMO 182 INSP NO. 1
AD 72-03-03 R3	Wing flap jack screw found - N/A by S/N. (Ref SE 70-16 Suppl. 2)	22-May-15	4375,4 Hrs	
AD 76-07-12 R1	Bendix Switches inspected iaw SB 583 and found satis.	22-May-15	4375,4 Hrs	
AD 84-26-02	Paper induction air filters inspected & found satis.	22-May-15	4375,4 Hrs	
AD 2011-10-09	Seat Rails & Roller Housing inspected iaw SE 83-6 and found satis.	22-May-15	4375,4 Hrs	
AD No	**Method of Compliance**	**Date & Hours @ Comp.**		**Signature & AME / AMO No.**
AD 76-07-12 R1	Bendix Switches inspected iaw SB 583 and found satis.	13-May-16	4422,6 Hrs	STELLAIR CC AMO 182 INSP NO.2
AD 84-26-02	New Paper induction air filter fitted.	13-May-16	4422,6 Hrs	
AD 2011-10-09	Seat Rails & Roller Housing inspected iaw SE 83-6 and found satis.	13-May-16	4422,6 Hrs	

Radiographic Inspection in accordance with AD97-02 (FILMS SUPPLIED)

LOCATION/POSITION	RESULT	LOCATION/POSITION	RESULT
PDFT	OK	SDFT	OK
PDFM	OK	SDFM	OK
PDFB	OK	SDFB	OK
PMA	OK	SMA	OK
PE	OK	SE	OK
TT	OK	ER	OK
RR	OK	RF	OK

APPROVED BY		
NAME	SIGNATURE	DATE
Morne Wiid	Rais M663 01	2008-08-14

			Signature & AME / AMO No.	STELLAIR CC AMO 182 INSP NO.2
			Signature & AME / AMO No.	STELLAIR CC AMO 182 INSP NO.2
			ignature & E / AMO No.	STELLAIR CC AMO 182 INSP NO.2
				AME/AMO Number
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	Total time			
	Hrs			

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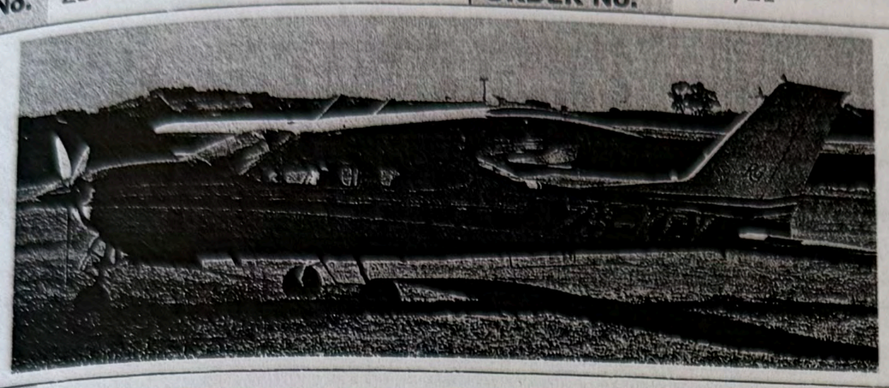
TRANSFERRED FROM PREVIOUS SA AIRFRAME LOGBOOK NO. 1
DATE: 25 MAY 2017

RAIS	NON DESTRUCTIVE INSPECTION REPORT CAA M663	Doc No.	RAY/1385/08
		Date	2008-08-14
		Page	1 of 1

CUSTOMER	STELLAIR CC	DATE	2008-08-14
DESCRIPTION	Cessna 177	PART No:	n/a
Registration No.	ZS-KCY	CUSTOMER ORDER No.	263/21



INSPECTION CONDUCTED	X-Ray Inspection of Airframe in accordance with RSA AD97-02

EQUIPMENT AND CONSUMABLES USED

RADIOGRAPHIC INSPECTION

EXPOSURE		DEVELOPING	
Type of Radiation	X-ray	Manual / Automatic	Automatic, Medesco, 12 minute cycle at 26°C developer temperature
Kit Used	Phillips Macrotank	Developer	Kodak 9X23011NDT
Source Type / Focal Spot size	3,2mm x 3,2mm	Fixer	Kodak 9X23010NDT

RESULTS

Radiographic Inspection in accordance with AD97-02 (FILMS SUPPLIED)

LOCATION/POSITION	RESULT	LOCATION/POSITION	RESULT
PDFT	OK	SDFT	OK
PDFM	OK	SDFM	OK
PDFB	OK	SDFB	OK
PMA	OK	SMA	OK
PE	OK	SE	OK
TT	OK	ER	OK
RR	OK	RF	OK

NAME	APPROVED BY SIGNATURE	DATE
Morne Wiid	Rais M663 01	2008-08-14

			Signature & AME / AMO No.	STELLAIR CC AMO 182 INSP NO.2
			Signature & AME / AMO No.	STELLAIR CC AMO 182 INSP NO.2
			Signature & AME / AMO No.	STELLAIR CC AMO 182 INSP NO.2
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	Date	Method of compliance	* Signature	AME/AMO Number
	Total time			
	Hrs			

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AIRWORTHINESS DIRECTIVE COMPLIANCE RECORD (REPETITIVE)

AD No	Date & Hours @ Comp.		Description	Signature & AME / AMO No.
AD 76-07-12 R1	28-Jul-17	4482,4 Hrs	Bendix Switches inspected iaw SB 583 and found satis.	STELLAIR CC AMO 182 INSP NO.2
AD 84-26-02	28-Jul-17	4482,4 Hrs	Paper induction air filters inspected & found satis.	
AD 2011-10-09	28-Jul-17	4482,4 Hrs	Seat Rails & Roller Housing inspected iaw SE 83-6 and found satis.	

AD No	Date & Hours @ Comp.		Description	Signature & AME / AMO No.
AD 76-07-12 R1	29-Aug-18	4543,8 Hrs	Bendix Switches inspected iaw SB 583 and found satis.	STELLAIR CC AMO 182 INSP NO.2
AD 84-26-02	29-Aug-18	4543,8 Hrs	Paper induction air filters inspected & found satis.	
AD 2011-10-09	29-Aug-18	4543,8 Hrs	Seat Rails & Roller Housing inspected iaw SE 83-6 and found satis.	

AD No	Date & Hours @ Comp.		Description	Signature & AME / AMO No.
AD 76-07-12 R1	06-Sep-19	4596,1 Hrs	Bendix Switches inspected iaw SB 583 and found satis.	STELLAIR CC AMO 182 INSP NO.2
AD 84-26-02	06-Sep-19	4596,1 Hrs	Paper Induction Air Filter - N/A as K&N Air Filter fitted.	
AD 2011-10-09	06-Sep-19	4596,1 Hrs	Seat Rails & Roller Housing inspected iaw SE 83-6 and found satis.	

	Total time			
	Hrs			
	Date	Method of compliance	* Signature	AME/AMO Number
	Total time			
	Hrs			
	Date	Method of compliance	* Signature	AME/AMO Number
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	Total time			
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TRANSFERRED FROM PREVIOUS SA AIRFRAME LOGBOOK NO. 1
DATE: 25 MAY 2017

TV2/137

MANUFACTURER'S SERVICE BULLETIN/LETTER/INSTRUCTION COMPLIANCE RECORD (ONE TIME ACTION)
VERVAARDIGERS DIENSBULLETIN/BRIEF/INSTRUKSIE NAKOMINGSREKORD (EENMALIGE AKSIE)

SB / SI No	Method of Compliance	Date & Hours @ Comp.		Signature & AME / AMO No.
SE 68-14	Longitudinal control system found - N/A by S/N. (Ref AD 68-07-09)	22-May-15	4375,4 Hrs	[signature] STELLAIR CC AMO 182 INSP NO. 1
SE 70-32	Stabilizer attach angles found - N/A by S/N & Model. (Ref AD 71-01-03)	22-May-15	4375,4 Hrs	
SE 74-2	Oil Pressure gage line found - N/A by S/N. (Ref AD 74-16-06)	22-May-15	4375,4 Hrs	
SE 75-3	Air filter seal - new filter fitted. (Ref AD 75-07-02)	22-May-15	4375,4 Hrs	
SE 76-14	Trim tab actuator found - N/A by S/N. (Ref AD 76-14-08)	22-May-15	4375,4 Hrs	
SE 76-17	Found - N/A by S/N. (Ref AD 76-21-06)	22-May-15	4375,4 Hrs	
SE 77-1 Suppl. 1	External elec. ground power found - N/A by S/N. (Ref AD 77-12-08)	22-May-15	4375,4 Hrs	
SE 77-6	Fuel tank venting found - N/A by Type. (Ref AD 79-10-14 R1)	22-May-15	4375,4 Hrs	
SE 79-45	Fuel inspected and found satis. (Ref AD 86-19-11)	22-May-15	4375,4 Hrs	
SE 79-6	Engine controls installation inspected and found satis. (Ref AD 86-24-07)	22-May-15	4375,4 Hrs	
SEB 96-15 R1	Fuel, oil or hydraulic hose inspected and found satis. (Ref AD 97-01-13)	22-May-15	4375,4 Hrs	
SEB 86-8 R1	Pilot / Co-Pilot shoulder harness inspected and found satis. (Ref AD 2004-19-01)	22-May-15	4375,4 Hrs	
—	NIL THIS TIME	13 MAY 16	4422.6	[signature] STELLAIR CC AMO 182 INSP NO.2

	Date	Method of compliance	* Signature	AME/AMO Number
				STELLAIR CC AMO 182 INSP NO.2
				AME/AMO Number
				STELLAIR CC AMO 182 INSP NO.2
				AME/AMO Number
				STELLAIR CC AMO 182 INSP NO.2
				AME/AMO Number
				AME/AMO Number
				AME/AMO Number
				AME/AMO Number
				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			
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	Date	Method of compliance	* Signature	AME/AMO Number
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	Date	Method of compliance	* Signature	AME/AMO Number
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	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, as amended have been met in every respect.

SERVICE BULLETINS/LETTERS/INSTRUCTIONS (ONE TIME ACTION)

NUMBER	Date / Total time	Method of compliance	* Signature	AME/AMO Number
—	28 JULY 2017 4482,4 Hrs	NIL THIS TIME		STELLAIR CC AMO 182 INSP NO.2
—	29 AUG 2018 4543,8 Hrs	NIL THIS TIME		STELLAIR CC AMO 182 INSP NO.2
SEL 87-01 / RSA AD 2019-001	6 SEPT 2019 4596,1 Hrs	Carry-Thru Spar Eddy Current Inspection carried out by Mac Air NDT Solutions Ref CRMA 2019/01494. (RSA AD 2019-001)		STELLAIR CC AMO 182 INSP NO.2
	Date / Total time / Hrs	Method of compliance	* Signature	AME/AMO Number
	Date / Total time / Hrs	Method of compliance	* Signature	AME/AMO Number
	Date / Total time / Hrs	Method of compliance	* Signature	AME/AMO Number
	Date / Total time / Hrs	Method of compliance	* Signature	AME/AMO Number
	Date / Total time / Hrs	Method of compliance	* Signature	AME/AMO Number
	Date / Total time / Hrs	Method of compliance	* Signature	AME/AMO Number
	Date / Total time / Hrs	Method of compliance	* Signature	AME/AMO Number
	Date / Total time / Hrs	Method of compliance	* Signature	AME/AMO Number
	Date / Total time / Hrs	Method of compliance	* Signature	AME/AMO Number
	Date / Total time / Hrs	Method of compliance	* Signature	AME/AMO Number

* *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, as amended have been met in every respect.

SERVICE BULLETINS/LETTERS/INSTRUCTIONS (REPETITIVE)

TRANSFERRED FROM PREVIOUS SA AIRFRAME LOGBOOK NO. 1

DATE: 25 MAY 2017

TV 2/137

MANUFACTURER'S SERVICE BULLETIN/LETTER/INSTRUCTION COMPLIANCE RECORD (PARTLY EMBODIED OR RECURRING)

VERVAARDIGERS DIENSBULLETIN/BRIEF/INSTRUKSIE NAKOMINGSREKORD (GEDEELTELIKE NAKOMING OF HERHALENDE)

SB'S DB'S SI'S DI'S SL'S DBWE	Method of compliance Metode van nakoming	Date Datum	TT TU	*Signature *Handtekening	L/N L/N
99-29	INSP.	25.7.97	2439.6		AMO 122
97-29	INSP.	7-9-99	2715		STELLAIR CC AMO 182 INSP NO. 1
15YA A SE83-6	INSP "	18-12-03	3115		STELLAIR CC AMO 182 INSP NO. 1
70-24-04 72-03-03 R3 76-07-03 87-20-03 R2 2010-06-01	INSPECTION " N/A By S/N " "	18.10.04	3404.02		CAS AMO 441 #2

SB / SI No	Method of Compliance	Date & Hours @ Comp.		Signature & AME / AMO No.
SE 70-24	Fuel shutoff valve found - Embodied. (Ref AD 70-24-04)	22-May-15	4375,4 Hrs	STELLAIR CC AMO 182 INSP NO. 1
SE 70-16 Suppl. 2	Wing flap jack screw found - N/A by S/N. (Ref AD 72-03-03 R3)	22-May-15	4375,4 Hrs	
SB 583	Bendix Switches inspected and found satis. (Ref AD 76-07-12 R1)	22-May-15	4375,4 Hrs	
SE 83-6	Seat Rails & Roller Housing inspected and found satis. (Ref AD 2011-10-09)	22-May-15	4375,4 Hrs	

SB / SI No	Method of Compliance	Date & Hours @ Comp.		Signature & AME / AMO No.
SB 583	Bendix Switches inspected and found satis. (Ref AD 76-07-12 R1)	13-May-16	4422,6 Hrs	STELLAIR CC AMO 182 INSP NO. 2
SE 83-6	Seat Rails & Roller Housing inspected and found satis. (Ref AD 2011-10-09)	13-May-16	4422,6 Hrs	

	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, as amended have been met in every respect.

SERVICE BULLETINS/LETTERS/INSTRUCTIONS (REPETITIVE)

SB / SI No	Date & Hours @ Comp.		Description	Signature & AME / AMO No.
SB 583	28-Jul-17	4482,4 Hrs	Bendix Switches inspected and found satis. (Ref AD 76-07-12 R1)	STELLAIR CC AMO 182 INSP NO.2
SE 83-6	28-Jul-17	4482,4 Hrs	Seat Rails & Roller Housing inspected and found satis. (Ref AD 2011-10-09)	

SB / SI No	Date & Hours @ Comp.		Description	Signature & AME / AMO No.
SB 583	29-Aug-18	4543,8 Hrs	Bendix Switches inspected and found satis. (Ref AD 76-07-12 R1)	STELLAIR CC AMO 182 INSP NO.2
SE 83-6	29-Aug-18	4543,8 Hrs	Seat Rails & Roller Housing inspected and found satis. (Ref AD 2011-10-09)	

SB / SI No	Date & Hours @ Comp.		Description	Signature & AME / AMO No.
SB 583	06-Sep-19	4596,1 Hrs	Bendix Switches inspected and found satis. (Ref AD 76-07-12 R1)	STELLAIR CC AMO 182 INSP NO.2
SE 83-6	06-Sep-19	4596,1 Hrs	Seat Rails & Roller Housing inspected and found satis. (Ref AD 2011-10-09)	

	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			
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	Date	Method of compliance	* Signature	AME/AMO Number
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	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, as amended have been met in every respect.

202006

STELLAIR CC. AMO 182

MASS AND BALANCE DETERMINATION

SERIAL	177RG1304	**MODEL**	CESSNA 177RG	**Registration**	ZS-KCY

FUEL STATE EMPTY
OIL FULL

	Mass Kgs	Tare Kgs	Nett Kgs	Conv. To Lb
Left Main	324.00	0.00	324.00	714.29
Right Main	328.00	0.00	328.00	723.11
Nose/Tail	190.00	0.00	190.00	418.87
Total			842.00	1856.27

	Mass Lbs	Arm Ins	Moment in/lb
Left Main	714.29	124.80	89143.442
Right Main	723.11	124.80	90243.978
Nose/Tail	418.87	33.50	14032.279
Total	1856.27	104.20	193419.70

Less				
Main Fuel Gals	0.00			0.00
Aux Fuel Gals	0.00			0.00
Oil Qts	FULL OIL			0.00
Add				
Unusable Fuel (Lbs)		6.00	100.00	600.00
		6.00	100.00	600.00
Emp Mass		1862.27 Lbs	104.18 in	194019.70

DATUM: 54 INCH FWD OF LOWER FIREWALL

STELLAIR CC
AMO 182
INSP NO. 2

Signed : J NAVARRO A.M.O. No. 182 **Date :** 20 May 2020

I hereby certify that in carrying out the maintenance specified above all prescribed conditions laid down in the Civil Aviation Regulations, as amended have been complied with.

Aircraft empty mass	Arm	Moment

* *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, as amended have been met in every respect.

AIRCRAFT MASS AND BALANCE RECORD

STELLAIR CC. AMO 182 201510

MASS AND BALANCE DETERMINATION

CESSNA

177RG1304 **MODEL** C177RG **Registration** ZS-KCY

TE	EMPTY			
	FULL			
	Mass Kgs	Tare Kgs	Nett Kgs	Conv. To Lb
	325.00	0.00	325.00	716.50
	326.00	0.00	326.00	718.70
	189.00	0.00	189.00	416.67
			840.00	1851.86

	Mass Lbs	Arm Ins	Moment in/lb
	716.50	124.80	89418.58
	718.70	124.80	89693.71
	416.67	33.50	13958.42
	1851.86	103.59	193070.71

Gals	0.00		0.00
Gals	0.00		0.00
	FULL OIL		0.00
			0.00
			0.00
			0.00
			0.00
			0.00
	0.00	0.00	0.00
s	1851.86 Lbs	104.26 in	193070.71

54(n FWD OF LOWER FIRE WALL

STELLAIR CC
AMO 182
INSP NO. 1

JG NAVARRO A.M.O. N o 182 **Date :** 8/4/2015

ertify that in carrying out the maintenance specified above all prescribed
s laid down in the Civil Aviation Regulations of of 2011 as amended,
n complied with.

Aircraft empty mass	Arm	Moment

* *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, as amended have been met in every respect.

AIRCRAFT MASS AND BALANCE RECORD

Last aircraft mass determination from previous aircraft records		
Date of last weighing	Performed by	
8 APRIL 2015	STELLAIR CC (AMO 182)	
Aircraft empty mass	Arm	Moment
1851.86 LBS	104.26 in	193070.71 in/lb

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

Name J. NAVARRO Signature

AME Number 0272003245 AMO Approval stamp STELLAIR CC AMO 182 INSP NO.2 Date 25 MAY 2017

Aircraft weighing record

Date of weighing	Performed by	
20 MAY 2020	AMO Approval Stamp	Signature *
Weigh certificate Number	STELLAIR CC AMO 182 INSP NO.2	
202006		
Aircraft empty mass	Arm	Moment
1862,27 LBS	104,18 in	194019,70 in/Lb

Date of weighing	Performed by	
	AMO Approval Stamp	Signature *
Weigh certificate Number		
Aircraft empty mass	Arm	Moment

Date of weighing	Performed by	
	AMO Approval Stamp	Signature *
Weigh certificate Number		
Aircraft empty mass	Arm	Moment

Date of weighing	Performed by	
	AMO Approval Stamp	Signature *
Weigh certificate Number		
Aircraft empty mass	Arm	Moment

Date of weighing	Performed by	
	AMO Approval Stamp	Signature *
Weigh certificate Number		
Aircraft empty mass	Arm	Moment

* *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, as amended have been met in every respect.

SCHEDULE INSPECTION RECORD

SCHEDULED INSPECTIONS PERFORMED

Date	Total Time	Landings/ Cycles	Inspection Type	Signature*	AMO/AME Licence number

1. SOUTH AFRICAN CIVIL AVIATION AUTHORITY

2. **AUTHORISED RELEASE CERTIFICATE**

CA 21- 19 AIRWORTHINESS APPROVAL TAG

3. Form Tracking Number: **AF № 1173**

4. Organization Name and Address:
ACRYL FORM (PTY) LTD
5 Kouga Street, Kaymor Ind. Stikland, Bellville
Reg. no. 8704066/07
PO Box 468 Sanlamhof 7532
Tel: 021 948 1623
Fax: 021 948 9183

5. ~~Work Order/Contract~~/Invoice Number: 8068

6.Item:	7.Description:	8.Part Number:	9.Eligibility: *	10.Quantity:	11. Serial/Batch Number:	12.Status/Work:
1.	Windshield	AF 329		1	61023/0213	NEW
						COMPLETE

13.Remarks: Cessna Cardinal 177RG
S/n 177RG 1304
IMAGERY INVESTMENTS
Stellenbosch

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.

MP 23 APPROVED ACRYL FORM MP 23

15.Authorised Signature: JAE Mostert

16 Approval/Authorization No.: DCA/ACF 327

17.Name: JAE Mostert

18.Date: (YY/MM/DD): 17/5/2017

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.

20. Authorized Signature

21. Certificate/Approval Ref No.

22. Name

Date: (YY/MM/DD)

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.

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

* *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, as amended have been met in every respect.

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

1. FLIGHT AVIONICS cc	2. CERTIFICATE OF RELEASE TO SERVICE OF AN AIRCRAFT PART OR COMPONENT ISSUED BY AN APPROVED AIRCRAFT MAINTENANCE ORGANISATION	3. Certificate Ref. No. 7743

4. Approved Organisation Name and Address:
Signature Flight Support Hangar
West Hangar Complex, General Aviation Area
Cape Town International Airport, South Africa
Tel: +27 21 935 1000
Fax: + 27 86 656 3478

5. Work Order/Registration: *ZS-KCY*

6. Item	7. Description	8. Part No.	9. Eligibility*	10. Quantity	11. Serial/Batch No.	12. Status/Work
1	DME	066-1088-00			11090	REPAIRED & ALIGNED

13. Remarks:

BENCH CHECKED KING KN64 DME AND FOUND MHZ AND KHZ FREQUENCY SELECTORS U/S. STRIPPED WAFER SWITCH ASSEMBLY. CLEANED WAFER SWITCH CONTACTS ON DISPLAY BOARD AND MHZ WAFER SWITCH. REPLACED DAMAGED KHZ WAFER SWITCH. ASSEMBLED WAFER SWITCH ASSEMBLY. CHECKED UNIT TO MANUFACTURERS SPECIFICATIONS. FOUND SERVICEABLE.

IAW MM 006-05144-0006 , REV 6 JUNE '97

Limited life parts will normally be accompanied by maintenance history including life used.

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 AMO 272 1

17. Approval Reference Number *AMO 272*

18. Name *G. ELLIOT-WILSON*

19. Date (dd/mm/yy) 27 MAY 2017

* Installer must cross-check eligibility with applicable technical data

1. FLIGHT AVIONICS cc	2. CERTIFICATE OF RELEASE TO SERVICE OF AN AIRCRAFT PART OR COMPONENT ISSUED BY AN APPROVED AIRCRAFT MAINTENANCE ORGANISATION	3. Certificate Ref. No. 7743

4. Approved Organisation Name and Address:
Signature Flight Support Hangar
West Hangar Complex, General Aviation Area
Cape Town International Airport, South Africa
Tel: +27 21 935 1000
Fax: + 27 86 656 3478

5. Work Order/Registration: *ZS-KCY*

6. Item	7. Description	8. Part No.	9. Eligibility*	10. Quantity	11. Serial/Batch No.	12. Status/Work
1	NAV RECEIVER	066-1067-00			5239	REPAIRED & ALIGNED

13. Remarks:

BENCH CHECKED KING KN53 NAV RECEIVER AND FOUND FREQUENCY SELECTOR SWITCHES INTERMITTENT. CLEANED MHZ AND KHZ WAFER SWITCHES. CLEANED TRANSFER SWITCH. CHECKED UNIT TO MANUFACTURERS SPECIFICATIONS. FOUND SERVICEABLE. NO OTHER FAULTS NOTED.
INSTALLED INTO AIRCRAFT AND FUNCTION CHECKED OPERATION. FOUND SERVICEABLE.

IAW MM 006-5174-0001 , REV 2 JULY '78

Limited life parts will normally be accompanied by maintenance history including life used.

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 AMO 272 1

17. Approval Reference Number *AMO 272*

18. Name *G. ELLIOT-WILSON*

19. Date (dd/mm/yy) 27 MAY 2017

* Installer must cross-check eligibility with applicable technical data

SCHEDULE INSPECTION RECORD

SCHEDULED INSPECTIONS PERFORMED

Date	Total Time	Landings/ Cycles	Inspection Type	Signature*	AMO/AME Licence number
28 JULY 2017	4482,4	N/A	MPI (200 HR)		STE. LAIR CC AMO 182 INSP NO.2

* *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, as amended have been met in every respect.

SCHEDULE INSPECTION RECORD

SCHEDULED INSPECTIONS PERFORMED

Date	Total Time	Landings/ Cycles	Inspection Type	Signature*	AMO/AME Licence number
28 JULY 2017	4482,4	N/A	MPI (200 HR)		STE. LAIR CC AMO 182 INSP NO.2

* *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, as amended have been met in every respect.

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

Stellair CC **AMO 182**

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

TT AF	4482.4
TC AF	N/A

s manufacturers inspection schedule
l D2009-4-13 Change 4 dated 2 October 1995.

out.

remove play.

t fitted.

l old leather cover from glareshield, cleaned off glue
trim covers made up to cover avionics wiring.
ired.

50 treatment carried out.

ned with rubbing compound.

AUTHORIZED RELEASE CERTIFICATE
FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

1. Approving Civil Aviation Authority/Country:	FAA/United States
2.	AUTHORIZED RELEASE CERTIFICATE
3. Form Tracking Number:	4667198
4. Oranization Name and Address:	Textron Aviation Inc. (PC4) Textron Aviation Inc. 1 Cessna Blvd, Wichita, KS 67215
5. Work Order/Contract/Invoice Number:	2078546

6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
11	BOLT ASSY CENTER	2043015-6	1	N/A	New

12. Remarks: EXPORT SOUTH AFRICA

13a. Certifies the items identifed above were manufactured in conformity to:
☒ Approved design data and are in a condition for safe operation.
☐ Non-approved design data specified in Block 12.

14a. ☐ 14 CFR 43.9 Return to Service ☐ Other regulation specified in Block 12
Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.

13b. Authorized Signature: Don P. Macy	13c. Approval/Authorization No.: ODA-100129-CE	14b. Authorized Signature	14c. Approval/Certificate No.:
13d. Name (Typed or Printed): DON P. MACY	13e. Date (dd/mmm/yyyy): 01/Dec/2015	14d. Name (Typed or Printed)	14e. Date (dd/mmm/yyyy):

User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.

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 aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1.

Statements in Blocks 13a and 14a 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.

FAA Form 8130-3 (02-14) NSN: 0052-00-012-9005

R/H wing fuel tank drain leaking - New valve fitted.

9. Nose gear doors chaffing on engine cowling - Hinge pins replaced to remove play, re-rigged nose gear doors.

10. First Aid Kit inspected and found satis.

11. Signal Strips inspected and found satis.

12. Annual Compass swing carried out.

13. Annual Pitot Static and Transponder system checks carried out by Aircraft Instruments.

14. Fire Extinguisher re-weighed.

15. Seat Belts & Shoulder Harness inspected and found satis.

16. Flight Control Travels and Cable Tension checked and recorded.

17. Heater Muffler inspected and found satis.

18. Dual Inspection carried out by J.G. Navarro .....

STELLAIR CC
AMO 182
INSP NO.1

19. Aircraft Safe for Functional Flight Check.

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 taken as certification that the maintenance specified has been carried out and all requirements as laid down in the Civil Aviation Regulations, as amended have been met in every respect.

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

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. 10723

REG	Aircraft Type	Serial No
ZS-KCY	**Cessna 177RG**	**177RG-1304**

TT AF	**4482.4**
TC AF	**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. SID Operations 1, 2, 4, 8, 20, 22, 24, 26, 27, 28 & 29 carried out.
3. Rudder hinges have play - Hardware replaced as required to remove play.
4. Nose gear centre drag brace bolt broken - New lubricator bolt fitted.
5. Windshield removed to facilitate glareshield repair. Removed old leather cover from glareshield, cleaned off glue and dirt, decorroded, primed and painted black. Sheet metal trim covers made up to cover avionics wiring. New windshield installed, paint touch ups carried out as required.
6. Landing light u/s - New lamp fitted.
7. Wings and fuselage corrosion treatment required - Full ACF 50 treatment carried out.
8. R/H Top fuel tank panel leaking - Screws tightened and cleaned with rubbing compound. R/H wing fuel tank drain leaking - New valve fitted.
9. Nose gear doors chaffing on engine cowling - Hinge pins replaced to remove play, re-rigged nose gear doors.
10. First Aid Kit inspected and found satis.
11. Signal Strips inspected and found satis.
12. Annual Compass swing carried out.
13. Annual Pitot Static and Transponder system checks carried out by Aircraft Instruments.
14. Fire Extinguisher re-weighed.
15. Seat Belts & Shoulder Harness inspected and found satis.
16. Flight Control Travels and Cable Tension checked and recorded.
17. Heater Muffler inspected and found satis.
18. Dual Inspection carried out by J.G. Navarro .....
19. Aircraft Safe for Functional Flight Check.

STELLAIR CC
AMO 182
INSP NO.1

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.

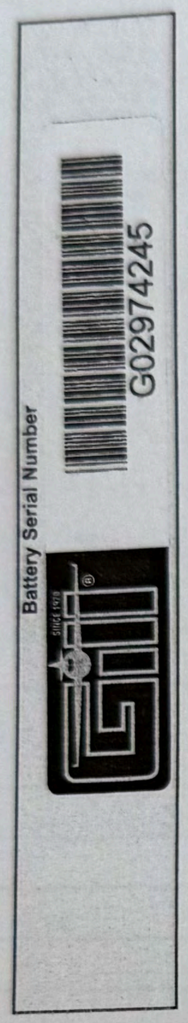
Signed..... STELLAIR CC AMO 182 INSP NO.2 **Date: 28 / 07 / 2017**

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

KCY

The GILL Battery Log

RECOMMENDED PRACTICES FOR TAKING THE BEST POSSIBLE CARE OF YOUR AIRCRAFT BATTERIES



TELEDYNE BATTERY PRODUCTS
840 W. BROCKTON AVENUE
REDLANDS, CA 92374
www.gillbatteries.com

Gill Maintenance Log
Form QA-002W

November 2014

TBP DWG. NO. 1555 REV H

NSPECTION RECORD

air CC **AMO 182**

enbosch Airfield
Stellenbosch

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

lating to Maintenance

J/C No. 10785

Serial No
177RG-1304

TT AF	4482,6 Hrs
TC AF	N/A

filled, initial chrage carried out and installed. Ground runs

ied out in accordance with the Civil Aviation Regulations,
that work the aircraft is fit for release to service.

STELLAIR CC
AMO 182
INSP NO.2

Date: 04 / 08 / 2017

* *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, as amended have been met in every respect.

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

Certificate Relating to Maintenance

Refer J/C No. 10785

REG	Aircraft Type	Serial No
ZS-KCY	**Cessna 177RG**	**177RG-1304**

TT AF	**4482,6 Hrs**
TC AF	**N/A**

1. Battery flat - New G-242 Battery S/N G02974245 filled, initial chrage carried out and installed. 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.

Signed.....

STELLAIR CC
AMO 182
INSP NO.2

Date: 04 / 08 / 2017

* *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, as amended have been met in every respect.

MAINTENANCE AND DEFECT RECTIFICATION 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: technical@stellair.co.za

Certificate Relating to Maintenance

Refer J/C No. 11009

REG	Aircraft Type	Serial No
ZS-KCY	**Cessna 177RG**	**177RG-1304**

TT AF	**4502,4 Hrs**
TC AF	**N/A**

1. Hydraulic fluid leak - Leak traced to main gear actuator and R/H down lock actuator. Removed, new oringss and back up rings fitted. Refitted, leak checked and retractions carried out and found satis.

2. New windshield surround plastic trim installed.

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: 08 / 03 / 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. 11076

REG	Aircraft Type	Serial No
ZS-KCY	**Cessna 177RG**	**177RG-1304**

TT AF	**4512,8 Hrs**
TC AF	**N/A**

1. L/H wingroot fairing 1 x screw missing - New washer and screw fitted.

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**

* *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, as amended have been met in every respect.

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	Aircraft Type	Serial No
ZS-KCY	**Cessna 177RG**	**177RG-1304**

TT AF	**4515,0 Hrs**
TC AF	**N/A**

1. Nose wheel has a slow leak - New tube fitted to nose wheel.
2. L/H headphone jacks loose - Both L/H & R/H headphone jacks secured.
3. R/H brake leaking - L/H & R/H brakes cleaned and serviced with new seals and 1 x 90° fitting L/H side.

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**

29 Aug 2018	4543,8	N/A	MPI (200 HR)		STELLAIR CC AMO 182 INSP NO.2

* *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, as amended have been met in every respect.

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

Description of maintenance performed	Signature*	AMO Stamp / AME Licence No and date

Stellair CC AMO 182

BIONIC AVIATION cc

Bionic Aviation cc

Gate 9b, Lanseria Int'l Airport, South Africa
Tel: (011) 701 2296; Fax: (011) 701 2297

FORM No:	OPS0002

APPROVAL: AMO 1237

CERTIFICATE RELATING TO MAINTENANCE OF AN AIRCRAFT

CRMA NUMBER:	CRMA0232	JOB NUMBER:	J0859

AIRCRAFT REG:	ZS-KCY	AIRCRAFT MAKE:	CESSNA
SERIAL NUMBER:	177RG1304	MODEL:	177

DESCRIPTION OF WORK DONE:
REWEB 3-POINT SEAT BELT X 2
REWEB 3-POINT SEAT BELT X 2 (LAP STRAPS ONLY)

MANUAL/TECHNICAL DATA:
AC43-13-1B, REVISION C1 AND AC43-13-2B, REVISION 0
AMO1237 MANUAL OF PROCEDURES, REVISION 7
SAE AS8043B – AEROSPACE STANDARD – RESTRAINT SYSTEM FOR CIVIL AIRCRAFT, REVISION 12-09-2008; and
FAA TSO C22G, REVISION G

PARTS/MATERIALS USED
WEBBING: AVIATION SAFETY PRODUCTS, BLACK, 50005, LOT A6294W

I hereby certify the maintenance specified above has been carried out in accordance with the Civil Aviation Regulations, 2011, and in respect of that work the aircraft is fit for release to service.

Ballangu — Signature
BIONIC AMO 2 AVIATION CC — Stamp
08/08/2018 — Date (dd/mm/yyyy)

G TO MAINTENANCE

reference to a document #)

systems All found satisfactory.
sfactory.
tisfactory

ance, all the requirements prescribed in the applicable hereto, have been complied with

29/08/2018

DATE OF ISSUE

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

Description of maintenance performed	Signature*	**AMO Stamp** / AME Licence No and date

Stellair CC

AMO 182

P O Box 952
Somerset West 7129
South Africa

REG
ZS-KCY

1. MPI carried out I.A.V
   Referring to Cessna
2. 200 Hr Inspection ca
3. SID Operations 1, 2
4. Bottom R/H cowling
5. Throttle micro switcl
6. First Aid Kit inspect
7. Signal Strips inspec
8. Annual Compass sv
9. Annual Pitot Static a
10. Fire Extinguisher re
11. 10 Year Seat Belts
    up by Bionic Aviatio
12. Flight Control Trave
13. Heater Muffler inspe
14. New Vacuum Regul
15. ACF 50 Corrosion T
16. Elevator Trim Actua
17. Aircraft Safe for Fu

I cer
and i

* Not

all re

Signed.....

SOUTH AFRICAN CIVIL AVIATION AUTHORITY

CERTIFICATE RELATING TO MAINTENANCE

AMO Number	**918**
Certificate number	**018164**
Nationality and registration marks	***ZS-KCY***
Aircraft Type	***Cessna 177 RG***
Aircraft Serial Number	***177RG1304***
Engine Type	*NA*
Engine Serial Number	*NA*
Propeller Type	*NA*
Propeller Serial Number	*NA*
Component Type	***N/A***
Component Serial Number	***N/A***

Maintenance description ***(for detailed maintenance make reference to a document #)***

Carried out Pitot static leak and calibration check on A/C systems All found satisfactory.
Carried out transponder calibration check. All found satisfactory.
Carried out Compass Swing on 1 x Compass System. Satisfactory

IAW CATS 43.02.09 / CATS 43.02.10 / CATS 43.02.18

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

	Aircraft Maintenance Insp 1 AMO 918	29/08/2018
SIGNATURE OF AIRCRAFT MAINTENANCE ENGINEER/ ORGANISATION	**LICENCE or OTHER APPROVAL NUMBER**	**DATE OF ISSUE**

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

Description of maintenance performed	Signature*	**AMO Stamp** / AME Licence No and 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. 11145

REG	Aircraft Type	Serial No
ZS-KCY	**Cessna 177RG**	**177RG-1304**

TT AF	**4543,8**
TC AF	**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. 200 Hr Inspection carried out.
3. SID Operations 1, 2, 3, 5, 8, 21 & 27 carried out.
4. Bottom R/H cowling mount broken - New cowling mount fitted.
5. Throttle micro switch broken wire - Wires reconnected to micro switch, tested and found satis.
6. First Aid Kit inspected and found satis.
7. Signal Strips inspected and found satis.
8. Annual Compass swing carried out by Aircraft Instruments.
9. Annual Pitot Static and Transponder system checks carried out by Aircraft Instruments.
10. Fire Extinguisher re-weighed.
11. 10 Year Seat Belts & Shoulder Harnesses replacement due - New seat belts and shoulder harnesses made up by Bionic Aviation (Ref CRMA 0232) and refitted.
12. Flight Control Travels and Cable Tension checked and recorded.
13. Heater Muffler inspected and found satis.
14. New Vacuum Regulator Filter fitted.
15. ACF 50 Corrosion Treatment carried out.
16. Elevator Trim Actuator 36 month Inspection and lubrication carried out.
17. Aircraft Safe for Functional Flight Check.

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**

SCHEDULE INSPECTION RECORD

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. 11256

REG	Aircraft Type	Serial No
ZS-KCY	**Cessna 177RG**	**177RG-1304**

TT AF	**4557,8 Hrs**
TC AF	**N/A**

1. Touch-up paint behind L/H door - Sanded, filled, primed, painted, polished and cleaned aircraft.
2. Flaps not retracting - Traced to bad contact at flap motor connector, repaired. 1 x flap selector micro switch replaced, tested and found satis.
3. R/H radio stack interferring with control column - Radio stack support strap made up and fitted to secure trays to glareshield structure and prevent interferrence.

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: 04 / 12 / 2018

Date	Total Time	Landings/ Cycles	Signature*	AMO/AME Licence Number

* *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, as amended have been met in every respect.

MAIN
CONSID

4/17/2019
ISSUED TO: Imagery Investments (Pty
A/C MODEL: Cessna 177RG
S/N: 177RG1304
ZS-KCY

AME
date

1. Approving Civil Aviation Authority/Country: FAA/United States	2. **AUTHORIZED RELEASE CERTIFICATE** FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG	3. Form Tracking Number: 214111
4. Organization Name and Address: Power Flow Systems, Inc. 1585 Aviation Center Pkwy #804, Daytona Beach, FL 32114 PQ1657CE		5. Work Order/Contract/Invoice Number: 214111

6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
1	Tuned Exhaust System	PFS-13706	1	236	NEW

12. Remarks:
This Article is FAA PMA Approved and is produced by the STC Design approval holder in accordance with FAA Approved Design Data.
It is manufactured in accordance with Power Flow Systems, Inc. Fabrication Inspection System for STC SA03632AT.
Article is NEW. This Article is Not a Critical Component. For fitment to a U.S. Type Certificated Product.
**********NOTHING FOLLOWS**********

13a. Certifies the items identified above were manufactured in conformity to: ☒ Approved design data and are in a condition for safe operation. ☐ Non-approved design data specified in Block 12.		14a. ☐ 14 CFR 43.9 Return to Service ☐ Other regulation specified in Block 12 Certifies that unless otherwise specified in block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.	
13b. Authorized Signature:	13c. Approval/Authorization No.: DARF-130985247	14b. Authorized Signature:	14c. Approval/Certificate No.:
13d. Name (Typed or Printed): DARREN TILMAN	13e. Date (dd/mmm/yyyy): 27/MAR/2019	14d. Name (Typed or Printed):	14e. Date (dd/mmm/yyyy):

User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.

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 aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block1.

Statements in Blocks 13a and 14a 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.

NSN: 0052-00-012-9005

FAA Form 8130-3 (02-14)

* *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, as amended have been met in every respect.

4/17/2019
ISSUED TO: Imagery Investments (Pty
A/C MODEL: Cessna 177RG
S/N: 177RG1304
ZS-KCY

United States of America
Department of Transportation -- Federal Aviation Administration

Supplemental Type Certificate

Number SA01669CH

This certificate issued to: Challenger Aviation Products, Inc.
4433 Old Springfield Road
Vandalia, OH 45377

certifies that the change in the type design for the following product with the limitations and conditions thereto as specified hereon meets the airworthiness requirements of Part * of the * Regulations.

Original Product Type Certificate Number: *See attached FAA Approved Model List (AML)
Make: *No. SA01669CH for list of approved airplane models and
Model: *applicable airworthiness regulations

Description of Type Design Change:
Installation of Challenger re-useable air filter in accordance with Challenger Installation Instructions #0402 revision N, dated July 11, 2008, or later FAA approved revision.

Limitations and Conditions:
1. Compatibility of this design change with previous modifications must be determined by the installer.

2. A copy of this certificate must be maintained as part of the permanent records for the modified aircraft.

3. Installer must follow Challenger Air Filter Cleaning Instructions (Instructions for Continued Airworthiness) document #4003, revision D, dated August 31, 2005 or later FAA approved revision.

4. If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission.

This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of application: November 9, 2001

Date of issuance: July 3, 2002

Date reissued: May 18, 2004

Date amended: March 10, 2004, May 3, 2004, May 27, 2004, December 10, 2004, October 27, 2008, January 27, 2009, April 21, 2009, July 28, 2010, November 5, 2010, August 18, 2011

By direction of the Administrator

(Signature)
Timothy Smyth
Manager, Propulsion Branch
Chicago Aircraft Certification Office

Any alteration of this certificate is punishable by a fine of not exceeding $1,000, or imprisonment not exceeding 3 years, or both.

FAA Form 8110-2 (10-68) PAGE 1 of 2 PAGES This certificate may be transferred in accordance with FAR 21.47.

Authorized CHA Rep : Linda Rocco
INV#: 214111/Power Flow
BATCH#: 004299
For Questions Regarding this STC Please Contact:
Challenger Aviation Products, Inc.
PO Box 577
Vandalia, OH 45377
937-387-6500

Permission for Use of STC Document
This Supplemental Type of Certificate is the property of Challenger Aviation Products, Inc. Challenger Aviation Products, Inc. authorizes the use of STC data only for the aircraft specified. Unauthorized use of the STC data is a Violation of proprietary laws and is subject to legal action. Please keep the STC and installation instructions in a secure location. There will be a charge for issuing replacement documents.

* *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, as amended have been met in every respect.

MAI
CONSID

Description of maintenance performed	Signature*	AMO Stamp/AME Licence No and 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. 11425

REG	Aircraft Type	Serial No
ZS-KCY	**Cessna 177RG**	**177RG-1304**

TT AF	**4571,4 Hrs**
TC AF	**N/A**

1. Fit new Power Flow Systems exhaust - Complete old exhaust system removed and new Power Flow Systems, Inc exhaust system fitted iaw STC SA03623AT per Report Number PFS-13752-00 Rev E. Ground run and leak checks carried out and found satis.

SA CAA Mod Approval No. M/19/152/S

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: 25 / 04 / 2019

* *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, as amended have been met in every respect.

SCHEDULE INSPECTION RECORD

SCHEDULED INSPECTIONS PERFORMED

Date	Total Time	Landings/ Cycles	Inspection Type	Signature*	AMO/AME Licence number
6 SEPT 2019	45966,1	N/A	MPI (200 HR)		STELLAIR CC AMO 182 INSP NO.2

P.O. Box 2216
Durbanville
Western Cape
South Africa
7551
E: macairndt@gmail.com

MAC AIR NDT SOLUTION (PTY) LTD
AMO 1326

Absolute Aviation Hangar
Cnr Aviation and Convair Road
General Aviation Area
Cape Town International Airport
Cape Town
T: +27 83 414 8114

CERTIFICATE RELATING TO MAINTENANCE

Certificate number 2019/01494

AMO Number 1326 **YOUR REF.: 414/35**
Certificate number 2019/01494/SACAA NO. AMO 1326

Nationality and registration marks	***ZS-KCY***
Aircraft Type	**CESSNA 177RG**
Aircraft Serial Number	**177RG1304**
Engine Type	**N/A**
Engine Serial Number	**N/A**
Propeller Type	**N/A**
Propeller Serial Number	**N/A**
Component Type	**N/A**
Component Serial Number	**N/A**

Maintenance description :

1. **CARRY OUT MANDATORY SERVICE LETTER SEL -57-07, DATED JUNE 24, 2019.**
2. **SID 53-11-02 OPERATION 27- CARRY THRUE SPAR**
3. **SID 57-11-03 OPERATION 31- WING LOWER SPAR INSPECTION**

CARRIED OUT, NO SURFACE DEFECTS WERE RECORDED.

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

MANS AMO 1326 #1

SIGNATURE OF AIRCRAFT MAINTENANCE ENGINEER/ ORGANISATION	LICENCE or OTHER APPROVAL NUMBER	DATE OF ISSUE
	#1-AMO1326	2019/08/30

Non-Destructive Testing · Calibration Services · Inspection Services
Company Reg 2015/133947/07

Company Reg 2015/133947/07
Company Reg 2015/133947/07
Company Reg 2015/133947/07

SCHEDULE INSPECTION RECORD

SCHEDULED INSPECTIONS PERFORMED

Date	Total Time	Landings/ Cycles	Inspection Type	Signature*	AMO/AME Licence number
6 Sept 2019	45966,1	N/A	MPI (200 HR)		STELLAIR CC AMO 182 INSP NO.2

P.O. Box 2216
Durbanville
Western Cape
South Africa
7551
E: macairndt@gmail.com

MAC AIR NDT SOLUTION (PTY) LTD
AMO 1326

Absolute Aviation Hangar
Cnr Aviation and Convair Road
General Aviation Area
Cape Town International Airport
Cape Town
T: +27 83 414 8114

YOUR REF. 414/35

ENQUIRIES: GB van Wyk

DATE: 03/09/2019

REPORT NO. 2019/01494/SACAA No. AMO1326

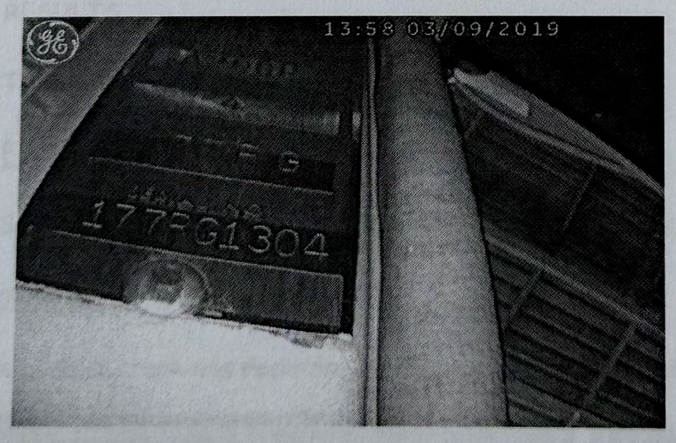
PAGE 1 OF 3

Stellair
ATTENTION: J Navarro
P O Box 952
SOMERSET WEST
7129

CERTIFICATE RELATING TO THE MAINTANANCE OF AN AIRCRAFT
NON-DESTRUCTIVE EXAMINATION – ZS-KCY SER. No.177RG1304
DATE OF EXAMINATION: 03/09/2019

1. **WORK REQUESTED**

Examine the nose gear for defects after incident.



2. **METHOD OF EXAMINATION**

2.1 The following eddy current technique was employed for the detection of surface defects on the main spar and non-ferrous parts in accordance with our procedure ET 01 Rev 0:

2.1.1	Eddy current instrument	:	GE Phasec 3 S
2.1.2	Eddy current probe	:	Andrew NDT 500 kHz
2.1.3	Calibration block	:	Hocking 29A29 NFe
2.1.4	Sensitivity	:	0,2mm at 20% FSH 0,5mm at 50% FSH 1,0mm at 80% FSH

Company Reg 2015/133947/07
Company Reg 2015/133947/07

P.O. Box 2216
Durbanville
Western Cape
South Africa
7551
E: macairndt@gmail.com

MAC AIR NDT SOLUTION (PTY) LTD
AMO 1326

Absolute Aviation Hangar
Cnr Aviation and Convair Road
General Aviation Area
Cape Town International Airport
Cape Town
T: +27 83 414 8114

2.2 The following magnetic particle technique was employed for the detection of surface defects on the engine mount nose landing gear parts and balance weight in accordance with our procedure MT 01 rev 0 and ASTM E1444-16.

2.2.1	Magnetising apparatus	:	Magnaflux A/C yoke
2.2.2	Magnetic ink	:	Ardrox 8530 (fluorescent)
2.2.3	Viewing conditions	:	Black light at 2617 μ watt/cm^2 White light at 9,3 lux
2.2.4	Sensitivity check	:	Castrol strip type II

2.3 Demagnetisation was carried out on completion of the test.

2.4 A GE XL GO 3,9 mm video scope was used for the inspection.

3. **RESULTS**

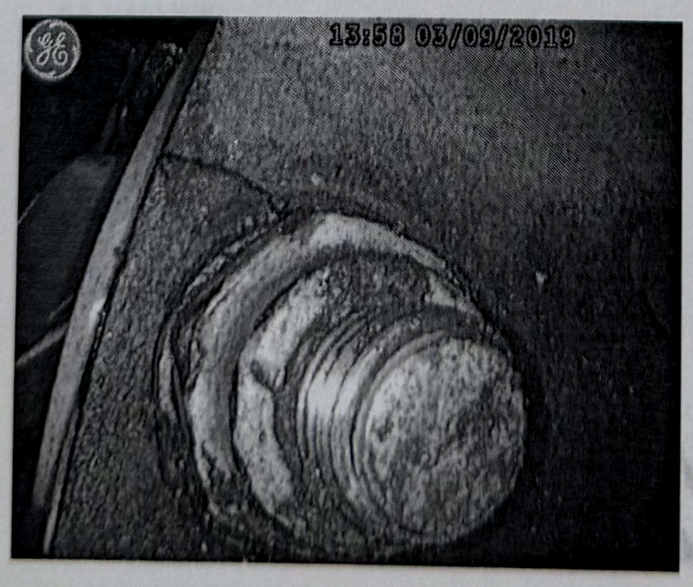
The following results were recorded:

3.1 Eddy current:

Surface corrosion was recorded on the Torque links, drag link or fork.

3.2 Magnetic particle:

A surface crack was recorded on the drag link right hand rear attachment bracket



Company Reg 2015/133947/07

P.O. Box 2216
Durbanville
Western Cape
South Africa
7551
E: macairndt@gmail.com

MAC AIR NDT SOLUTION (PTY) LTD
AMO 1328

Absolute Aviation Hangar
Cnr Aviation and Convair Road
General Aviation Area
Cape Town International Airport
Cape Town
T: +27 83 414 8114

4. **CONCLUSION**

4.1 It is advised to repair it in accordance with CESSNA repair manual

MANS
AMO 1328
#1

GB VAN WYK
Accountable Manager
ASNT TC 1A level II

MAINTENANCE AND DEFECT RECTIFICATION OR ANY RELEVANT MATTER

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. 11567

REG	Aircraft Type	Serial No
ZS-KCY	**Cessna 177RG**	**177RG-1304**

TT AF	**4596,1**
TC AF	**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. 200 Hr Inspection carried out.
3. SID Operations 1, 2, 6, 8, 9, 10, 11, 13, 16, 17, 18, 19, 23, 27, 31 & 33 carried out.
4. New LED landing/taxi/beacon lights fitted.
5. Heater/Heat into cabin - R/H side heat shut-off cable adjusted to close more positively.
6. Starter relay insulating boot u/s - New boot fitted.
7. Fuel spider return line grommet at baffle u/s - New grommet fitted.
8. RSA AD 2019-001 / SEL-57-07 carried out by Mac Air NDT Solutions (Ref CRMA 2019/01494) - Minor surface corrosion found on carry through spar. Corrosion blended out. Spar treated with alodine, painted with primer. ACF 50 and AV8 applied. Roof lining and upholstery refitted.
9. L/H main wheel 1 set of bearings replaced due to wear.
10. Nose wheel bearings replaced due to wear.
11. Nose oleo leaking - Nose oleo stripped, cleaned, new orings and seals fitted, oleo refitted, serviced with MIL-H-5606 hydraulic fluid and charged to correct extension.
12. Shimmy dampner leaking - Shimmy dampner removed, stripped, cleaned, assembled with new orings and seals, serviced with MIL-H-5606 hydraulic fluid and refitted.
13. First Aid Kit inspected and found satis.
14. Signal Strips inspected and found satis.
15. Annual Compass swing carried out by Aircraft Instruments.
16. Annual Pitot Static and Transponder system checks carried out by Aircraft Instruments.
17. Fire Extinguisher re-weighed.
18. Seat Belts & Shoulder Harness inspected and found satis.
19. Flight Control Travels and Cable Tension checked and recorded.
20. Heater Muffler inspected and found satis.
21. New Vacuum Regulator Filter fitted.
22. ACF 50 Corrosion Treatment carried out.
23. Aircraft Safe for Functional Flight Check.

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: 06 / 09 / 2019

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	Aircraft Type	Serial No
ZS-KCY	**Cessna 177RG**	**177RG-1304**

TT AF	**4665,8 Hrs**
TC AF	**N/A**

1. L/H main gear brake fluid leaking - Reservoir topped up with MIL-H-5606 hydraulic fluid.
2. Aircraft reweighed, mass and balance calculations carried out.
3. Compass Swing carried out by Aircraft Instruments.

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 taken as certification that the maintenance specified has been carried out and all requirements as laid down in the Civil Aviation Regulations, as amended have been met in every respect.

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. 11926

REG	Aircraft Type	Serial No
ZS-KCY	**Cessna 177RG**	**177RG-1304**

TT AF	**4674,1 Hrs**
TC AF	**N/A**

1. Right wing root screw, hole but short screw - Short screw fitted.
2. Left wing root screw, long screw and patch - Short screw fitted.
3. Left door handle needs lubrication - Lubricated as required.
4. Gear leg tunnels cracked and broken - Removed, cleaned, composite repairs carried out. Cleaned and degreased gear tunnel mount area. Fitted gear tunnels and sealed. Applied stone chip paint.
5. R/H main gear leg bumper pad missing - Fabricated bump pad and fitted.
6. Corrosion spot on L/H wing top - Corrosion removed and painted.
7. L/H & R/H storm window requires lubrication - Lubricated as required.
8. L/H main gear internal hydraulic leak - L/H leg removed, new oring fitted to internal brake plumbing, refitted, brakes bled and found satis.
9. Gear warning not working - Problem traced to throttle switch rigging, adjusted, 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: 20 / 08 / 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, as amended have been met in every respect.

SCHEDULED INSPECTIONS PERFORMED

Airworthiness Directive Compliance Record One Time Action

AD No	Date	Method of Compliance	Carried Out By	AME/AMO NO:
68-07-09	2015/05/22 Total Time 4375.4	Longitudinal control system found - N/A by S/N	Stellair	182
AD No	Date	Method of Compliance	Carried Out By	AME/AMO NO:
68-17-04	2015/05/22 Total Time 4375.4	Still warning system - N/A by S/N	Stellair	182
AD No	Date	Method of Compliance	Carried Out By	AME/AMO NO:
71-01-03	2015/05/22 Total Time 4375.4	Stabilator attach angles found - N/A by S/N	Stellair	182
AD No	Date	Method of Compliance	Carried Out By	AME/AMO NO:
72-03-03 R3	2015/05/22 Total Time 4375.4	Wing flap actuators jack screw - N/A by S/N	Stellair	182
AD No	Date	Method of Compliance	Carried Out By	AME/AMO NO:
74-08-01	2015/05/22 Total Time 4375.4	Autopilot servo actuators - N/A by S/N	Stellair	182
AD No	Date	Method of Compliance	Carried Out By	AME/AMO NO:
74-16-06	2015/05/22 Total Time 4375.4	Oil pressure gauge line - N/A by S/N	Stellair	182
AD No	Date	Method of Compliance	Carried Out By	AME/AMO NO:
75-07-02	2015/05/22 Total Time 4375.4	Air filter seal - N/A by S/N	Stellair	182
AD No	Date	Method of Compliance	Carried Out By	AME/AMO NO:
76-04-03	2015/05/22 Total Time 4375.4	ARC PA-500A Actuators - N/A by S/N	Stellair	182
AD No	Date	Method of Compliance	Carried Out By	AME/AMO NO:
76-14-08	2015/05/22 Total Time 4375.4	Horizontal stabilator trim tab actuator - N/A by S/N	Stellair	182
AD No	Date	Method of Compliance	Carried Out By	AME/AMO NO:
76-21-06	2015/05/22 Total Time 4375.4	Loss of engine Oil - N/A by S/N	Stellair	182
AD No	Date	Method of Compliance	Carried Out By	AME/AMO NO:
77-12-08	2015/05/22 Total Time 4375.4	External electrical ground power N/A by S/N	Stellair	182

* *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, as amended have been met in every respect.

SCHEDULED INSPECTIONS PERFORMED

Airworthiness Directive Compliance Record One Time Action

AD No	Date	Method of Compliance	Carried Out By	AME/AMO NO:
68-07-09	2015/05/22 Total Time 4375.4	Longitudinal control system found - N/A by S/N	Stellair	182
AD No	Date	Method of Compliance	Carried Out By	AME/AMO NO:
68-17-04	2015/05/22 Total Time 4375.4	Still warning system - N/A by S/N	Stellair	182
AD No	Date	Method of Compliance	Carried Out By	AME/AMO NO:
71-01-03	2015/05/22 Total Time 4375.4	Stabilator attach angles found - N/A by S/N	Stellair	182
AD No	Date	Method of Compliance	Carried Out By	AME/AMO NO:
72-03-03 R3	2015/05/22 Total Time 4375.4	Wing flap actuators jack screw - N/A by S/N	Stellair	182
AD No	Date	Method of Compliance	Carried Out By	AME/AMO NO:
74-08-01	2015/05/22 Total Time 4375.4	Autopilot servo actuators - N/A by S/N	Stellair	182
AD No	Date	Method of Compliance	Carried Out By	AME/AMO NO:
74-16-06	2015/05/22 Total Time 4375.4	Oil pressure gauge line - N/A by S/N	Stellair	182
AD No	Date	Method of Compliance	Carried Out By	AME/AMO NO:
75-07-02	2015/05/22 Total Time 4375.4	Air filter seal - N/A by S/N	Stellair	182
AD No	Date	Method of Compliance	Carried Out By	AME/AMO NO:
76-04-03	2015/05/22 Total Time 4375.4	ARC PA-500A Actuators - N/A by S/N	Stellair	182
AD No	Date	Method of Compliance	Carried Out By	AME/AMO NO:
76-14-08	2015/05/22 Total Time 4375.4	Horizontal stabilator trim tab actuator - N/A by S/N	Stellair	182
AD No	Date	Method of Compliance	Carried Out By	AME/AMO NO:
76-21-06	2015/05/22 Total Time 4375.4	Loss of engine Oil - N/A by S/N	Stellair	182
AD No	Date	Method of Compliance	Carried Out By	AME/AMO NO:
77-12-08	2015/05/22 Total Time 4375.4	External electrical ground power N/A by S/N	Stellair	182

* *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, as amended have been met in every respect.

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

Description of maintenance performed	Signature*	**AMO Stamp** / AME Licence No and date

Airworthiness Directive Compliance Record One Time Action

AD No	Date	Method of Compliance	Carried Out By	AME/AMO NO:
79-08-03	2015/05/22 Total Time 4375.4	Electrical system - N/A by S/N	Stellair	182
AD No	Date	Method of Compliance	Carried Out By	AME/AMO NO:
79-10-14 R1	2015/05/22 Total Time 4375.4	Fuel tank venting - N/A by Model	Stellair	182
AD No	Date	Method of Compliance	Carried Out By	AME/AMO NO:
80-25-07 R1	2015/05/22 Total Time 4375.4	Oil coolers - N/A not fitted	Stellair	182
AD No	Date	Method of Compliance	Carried Out By	AME/AMO NO:
81-15-03	2015/05/22 Total Time 4375.4	Engine inlet air filters - See STC Page 93	Stellair	182
AD No	Date	Method of Compliance	Carried Out By	AME/AMO NO:
86-19-11	2015/05/22 Total Time 4375.4	Contaminated Fuel - N/A by S/N	Stellair	182
AD No	Date	Method of Compliance	Carried Out By	AME/AMO NO:
86-24-07	2015/05/22 Total Time 4375.4	Engine controls installation - Carried out	Stellair	182
AD No	Date	Method of Compliance	Carried Out By	AME/AMO NO:
88-12-12	2015/05/22 Total Time 4375.4	Fuel system - carried out	Stellair	182
AD No	Date	Method of Compliance	Carried Out By	AME/AMO NO:
97-01-13	2015/05/22 Total Time 4375.4	Fuel, Oil & Hydraulic hoses - Carried out - CRMA on page 39	Stellair	182
AD No	Date	Method of Compliance	Carried Out By	AME/AMO NO:
2000-06-01	Total Time	Fuel strainer Assy - Due	Stellair	182
AD No	Date	Method of Compliance	Carried Out By	AME/AMO NO:
2005-01-19	2015/05/22 Total Time 4375.4	Mode S transponders - N/A Not fitted	Stellair	182
AD No	Date	Method of Compliance	Carried Out By	AME/AMO NO:
2006-03-08	2015/05/22 Total Time 4375.4	ADV200 Vacuum pump - N/A Not fitted	Stellair	182

* *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, as amended have been met in every respect.

SCHEDULE INSPECTION RECORD

SCHEDULED INSPECTIONS PERFORMED

Date	Total Time	Landings/ Cycles	Inspection Type	Signature*	AMO/AME Licence number

Airworthiness Directive Compliance Record One Time Action

AD No	Date	Method of Compliance	Carried Out By	AME/AMO NO:
2008-26-10	2015/05/22 Total Time 4375.4	Alternate static air source selector valve - Carried out	Stellair	182
AD No	Date	Method of Compliance	Carried Out By	AME/AMO NO:
	Total Time			
AD No	Date	Method of Compliance	Carried Out By	AME/AMO NO:
	Total Time			
AD No	Date	Method of Compliance	Carried Out By	AME/AMO NO:
	Total Time			
AD No	Date	Method of Compliance	Carried Out By	AME/AMO NO:
	Total Time			
AD No	Date	Method of Compliance	Carried Out By	AME/AMO NO:
	Total Time			
AD No	Date	Method of Compliance	Carried Out By	AME/AMO NO:
	Total Time			
AD No	Date	Method of Compliance	Carried Out By	AME/AMO NO:
	Total Time			
AD No	Date	Method of Compliance	Carried Out By	AME/AMO NO:
	Total Time			
AD No	Date	Method of Compliance	Carried Out By	AME/AMO NO:
	Total Time			

* *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, as amended have been met in every respect.

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

Description of maintenance performed	Signature*	**AMO Stamp** / AME Licence No and date

1 PRO. AIR Maintenance

2 **AUTHORISED RELEASE CERTIFICATE**

3 Certificate Ref. No. 210201-01A

4 Approved Organization name and address:
PROFESSIONAL AIRCRAFT MAINTENANCE
Tzaneen Airfield ,Hanger No 1, R71 Road
Tzaneen, 0850
Tel No: +27 82 846 9981
e-mail: info@proairmain.com

5 Work order /Registration
ZS-KCY
Model C177RG
Ser # 177RG1304

6 Item	7 Description	8 Part No:	9. Quantity	10. Serial No:	11. Status / Work Carried Out
1	ROSEN SUNVISOR	R1180005-0	2	M147862	Installation

12 **Remarks:**
Carry out Installation of Rosen Sunvisor System in Aircraft. Ground test carried out and found satisfactory .
All work carried out IAW FAA STC SA4964NM

13
I herby certify that I am satisfied that the abovementioned aircraft and all its equipment is in every way serviceable for flight and that all maintenance has been carried out in accordance with the latest Civil Aviation Regulations, and in respect of the work, part(s), or component(s) is considered ready for release to service.

14 Name	15 Authorised Signature:	16 Stamp	17 Date: dd/mm/yyyy
D.J.Maritz		03 AMO 129	15/02/2021

1 PRO. AIR Maintenance

2 **AUTHORISED RELEASE CERTIFICATE**

3 Certificate Ref. No. 210201-01D

4 Approved Organization name and address:
PROFESSIONAL AIRCRAFT MAINTENANCE
Tzaneen Airfield ,Hanger No 1, R71 Road
Tzaneen, 0850
Tel No: +27 82 846 9981
e-mail: info@proairmain.com

5 Work order /Registration
ZS-KCY
Model C177RG
Ser # 177RG1304

6 Item	7 Description	8 Part No:	9. Quantity	10. Serial No:	11. Status / Work Carried
1	ELT E-04	E-04	1	13589	Installation

12 **Remarks:**
Carry out Installation of ACK ELT E-04 System in Aircraft. Ground test carried out and found satisfactory . All work carried out IAW FAA / Transport CANADA TSO C-126, TSO C-91a, ETSO 2C126, ETSO 2C91a, COSPAS/SARSAT T.001, T.007, Industry Canada 1863A-E04AF

13
I herby certify that I am satisfied that the abovementioned aircraft and all its equipment is in every way serviceable for flight and that all maintenance has been carried out in accordance with the latest Civil Aviation Regulations, and in respect of the work, part(s), or component(s) is considered ready for release to service.

14 Name	15 Authorised Signature:	16 Stamp	17 Date: dd/mm/yyyy
B.L van den Berg		06 AMO 129	10/10/2021

* *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, as amended have been met in every respect.

SCHEDULE INSPECTION RECORD

SCHEDULED INSPECTIONS PERFORMED

Date	Total Time	Landings/ Cycles	Inspection Type	Signature*	AMO/AME Licence number

1	2	3 Certificate Ref. No.
PRO. AIR Maintenance	**AUTHORISED RELEASE CERTIFICATE**	210201-01C

4	5 Work order /Registration
Approved Organization name and address: ***PROFESSIONAL AIRCRAFT MAINTENANCE*** Tzaneen Airfield ,Hanger No 1, R71 Road Tzaneen, 0850 Tel No: +27 82 846 9981 e-mail: info@proairmain.com	ZS-KCY Model C177RG Ser # 177RG1304

6 Item	7 Description	8 Part No:	9. Quantity	10. Serial No:	11. Status / Work Carried Out
2	Garmin 15 USB Charger	010-02201-10	2	63M056310 63M056252	Installation

12 **Remarks:**
Carry out Installation of Garmin GSB 15 USB Charger System in Aircraft. Ground test carried out and found satisfactory .
All work carried out IAW Garmin Installation Manual, GSB 15 Revision 6 Mar 2021 190-00303-A3

13
I herby certify that I am satisfied that the abovementioned aircraft and all its equipment is in every way serviceable for flight and that all maintenance has been carried out in accordance with the latest Civil Aviation Regulations, and in respect of the work, part(s), or component(s) is considered ready for release to service.

14 Name	15 Authorised Signature:	16 Stamp	17 Date: dd/mm/yyyy
J.Makhubela		11 AMO 129	15/03/2021

1	2	3 Certificate Ref. No.
PRO. AIR Maintenance	**AUTHORISED RELEASE CERTIFICATE**	210201-01E

4	5 Work order /Registration
Approved Organization name and address: ***PROFESSIONAL AIRCRAFT MAINTENANCE*** Tzaneen Airfield ,Hanger No 1, R71 Road Tzaneen, 0850 Tel No: +27 82 846 9981 e-mail: info@proairmain.com	ZS-KCY Model C177RG Ser # 177RG1304

6 Items	7 Description	8 Part No:	9. Quantity	10. Serial No:	11. Status / Work Carried
15	G5 ADI	011-03809-00	1	4JQ044118	Installation
	G5 HSI	011-03809-00	1	4JQ044644	
	GMU 11	011-04349-01	1	56J022861	
	GAD 29 B	011-03236-11	1	5DL014440	
	GFC 500	K11-00024-53	1	5H1005911	
	GSA 28 W/Ballbearings PMA	011-02927-11	3	5G9013790, 5G9013736,5G9013749	
	GMC 507	011-04548-01	1	5H1005911	
	GMA 350	010-00871-41	1	1UF204599	
	Install Kit GAD 29	010-011-72-11	1	5DL013065	
	Install Kit	011-03892-01	2	N/A	
	Install kit GMU 11	011-04349-90	1	N/A	
	GTX 345 Std Kit	010-01216-06	1	3EG041659	

12 **Remarks:**
Carry out the Installation of the following equipment Ground test carried out and found satisfactory .
1 G5 ADI
2 G5 HSI
3 GMU 11
4 GAD 29 B
5 GFC 500
6 3X GSA 28 W/Ballbearings Servo's
7 GMC 507
8 GMA 350
9 Install Kit GAD 29
10 Install Kit
11 Install kit GMU 11
12 GTX 345 Std Kit
All work carried out IAW FAA STC SA01818WI, STC SA01866WI and STC SA01714WI

13
I herby certify that I am satisfied that the abovementioned aircraft and all its equipment is in every way serviceable for flight and that all maintenance has been carried out in accordance with the latest Civil Aviation Regulations, and in respect of the work, part(s), or component(s) is considered ready for release to service.

14 Name	15 Authorised Signature:	16 Stamp	17 Date: dd/mm/yyyy
J.Makhubela		11 AMO 129	15/05/2021

* *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, as amended have been met in every respect.

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

Description of maintenance performed	Signature*	AMO Stamp / AME Licence No and date

1 PRO. AIR Maintenance	2 AUTHORISED RELEASE CERTIFICATE			3 Certificate Ref. No. 210201-01K
4	Approved Organization name and address: PROFESSIONAL AIRCRAFT MAINTENANCE Tzaneen Airfield ,Hanger No 1, R71 Road Tzaneen, 0850	Tel No: +27 82 846 9981 e-mail: info@proairmain com		5 Work order /Registration ZS-KCY Model C177RG Ser # 177RG1304

6 Item	7 Description	8 Part No:	9. Quantity	10. Serial No:	11. Status / Work Carried
1	ROSEN SUNVISOR	R1180005-0	2	M147862	Installation

12 **Remarks:**
Instrument panel were removed and new metal panel manufactured. New panel were installed in the aircraft. All work were carried out in accordance with AC43.13-1B Section 4-53 to 4-63.

13 I herby certify that I am satisfied that the abovementioned aircraft and all its equipment is in every way serviceable for flight and that all maintenance has been carried out in accordance with the latest Civil Aviation Regulations, and in respect of the work, part(s), or component(s) is considered ready for release to service.

14 Name	15 Authorised Signature:	16 Stamp	17 Date: dd/mm/yyyy
D.J.Maritz	[signature]	03 AMO 129	15/02/2021

* *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, as amended have been met in every respect.

IFR CERTIFIED AVIONICS LLC

FAA CRS # 1F4R612D
5508 AIRPORT BLVD (863) 944-4356
BARTOW, FL. 33830 www.macav13@aol.com

N258KC

ALTIMETER TEST INFORMATION

TESTED IN COMPLIANCE WITH APPENDIX E, PART 43, FAA REGULATIONS
ALTIMETER TESTED TO A MAXIMUM OF 20000 FEET G5 TOP

ALTITUDE	SCALE ERROR	SCALE TOLERANCE	FRICTION ERROR	FRICTION TOLERANCE
-1000	-10	20		
0	-10	20		
500	-10	20		
1000	-10	20	10	70
1500	-10	25		
2000	-10	30	10	70
3000	-10	30	10	70
4000	0	35		
5000			10	70
6000	0	40		
8000	0	60		
10000	10	80	10	80
12000	0	90		
14000	0	100		
15000			10	90
16000	0	110		
18000	10	120		
20000	-10	130	10	100
22000		140		
25000		155		120
30000		180		140
35000		205		160
40000		230		180
45000		255		
50000		280		250

CASE LEAK AT 18,000 FT 0 TOLERANCE 100 FT

AFTER EFFECT TEST
READING PRIOR TO TEST 110 FT 120
READING AFTER TEST 120 FT 120
AFTER EFFECT 10 TOLERANCE 30 FT DIFF.

HYSTERESIS TEST

ALTITUDE 40%/50% MAX	UP READING	DOWN READING	TOL-ERANCE
8000	0	-10	75 FT
10000	10	0	75 FT

BAROMETRIC SCALE TEST

BARO. SETTING	ALTITUDE SCALE READ	ALTITUDE DIFF.	TOL-ERANCE
28.10	-1720	-1727	25
28.50	-1330	-1340	25
29.00	-860	-983	25
29.50	-390	-392	25
29.92	-	0	25
30.50	530	531	25
30.90	890	893	25
30.99	970	974	25

DATE TESTED 9/1/2021
WORK ORDER NUM 615
ALTIMETER MODEL G5
ALTIMETER SERIAL NUM 4JQ044/G44
AVIONICS TECH [signature]
INSPECTOR [signature]

IFR CERTIFIED AVIONICS
FAA CRS# 1F4R612D BARTOW, FL. 33830
(863) 944-4356
certify the altimeter, static system and altitude reporting test required By FAR 91.411 and FAR 91.43 Appendix E and F have been performed.
The altimeter has been tested to 20,000 ft. G5 TOP
Signature [signature] Date 9/1/2021

RD

MED

...ignature*	AMO/AME Licence number

* *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, as amended have been met in every respect.

MA
CONS

AEROMECH INC QUALITY AIRCRAFT PARTS AND SERVICE
N258KC
HOBBS: 2218.7 ATT: 4596.1
W/O# 001835-002
02/01/2022
AIRFRAME:
Continued ...

AEROMECH INC QUALITY AIRCRAFT PARTS AND SERVICE
N258KC 177RG
HOBBS: 2218.7 ATT: 4596.1
W/O# 001835-002
02/01/2022
AIRFRAME: S/N 177RG1304
Continued ...

N258KC 177RG

HOBBS: 2218.7 ATT: 4596.1

W/O# 001835-002

02/01/2022

AIRFRAME: S/N 177RG1304 Continued ...

Performed C of A import inspection. The following items were found during the inspection:

1. A 24 volt dc to 12 volt dc converter was found on the aft shelf with wiring and LED light strip glued to the underside of the eyebrow. A rheostat was found installed in the instrument panel to control the lights. No logbook entry, 337, or field approval was found in the aircraft records. No PMA was found on the parts. All the unapproved lighting system was removed.
2. The aircraft was placed on jacks to perform a landing gear retract test and emergence extension test. The left down lock hook was found broken; the left down lock actuator shaft was found bent. Down lock actuator restrictor fitting and check valve was found bent and cracked. Restictor fitting replaced. The landing gear hyd selector was found leaking fluid. Both main gear down lock switches had been replaced with micro-switches that did not match any part numbers in the 177RG parts manual. The brackets that the switches were mounted on were not approved parts, they were made from .041 metal bent to support the

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N258KC

HOBBS: 2218.7 ATT: 4596.1

W/O# 001835-002

02/01/2022 2

AIRFRAME: Continued ...

switches. A Cessna technical rep was contacted to verify this configuration, no Cessna data was found to support this configuration. No Cessna data was found to support these parts. Emergence hand pump was found leaking at the shaft seal. Installed overhauled hand pump. The emergence extension test failed every time due to these parts not performing to the design of the system. No green down lock light would ever be seen, and the main gear was not going into the down lock hooks. The proper parts were purchased, and the actuator was replaced. The selector was resealed, the system was serviced with fluid, cycled several times. The nose gear over center tension was found to be 50lbs, the spec's call out for 15-20 lbs. The over center was adjusted to 18 lbs. The landing gear emergence extension was tested 6 fault free tests with no faults.

3. The following items were found to be installed in the aircraft with no supporting 337, STC, continued airworthiness documents, or supplemental manuals:
   1. Auto-pilot
   2. Garmin G-5000

N258KC

HOBBS: 2218.7 ATT: 4596.1

W/O# 001835-002

02/01/2022 3

AIRFRAME: Continued ...

3. Audio panel
4. JPi
5. Transponder
6. Rosen visors
7. ELT
8. USB installation
9. Garmin 430

These items were corrected by the radio/avionic shop, see log entries.

4. The aircraft was assembled, cable tensions set, all rod ends lubed, battery, lights and warning system tested.
5. Installed "N" number vinyl registration.

Completed annual and reassembly of aircraft for US Operations. Installed both wings. Reconnected all wiring for flaps, lights, fuel gauges. Set cable tension per C177RG Service Manual. Torqued all hardware per C-177RG

N258KC

HOBBS: 2218.7 ATT: 4596.1

W/O# 001835-002

02/01/2022 4

AIRFRAME:

Service Manual.

Installed vertical fin and stabilator assembly. Set trim control travel and set cable tension per C177RG Service Manual.

Installed rudder assemble. Attached all wiring and cable connections.

Installed new G-242 battery. Checked for fuel leaks. Serviced hyd system with 5606. Checked all exterior lights. Inspected brakes and bearings. Master relay diode was found broken. Replaced diode assembly. Strobe power supply was found in-op. Replaced strobe power supply. Hyd power pack was removed and cleaned. Carpet fibers were found inside power pack filter. Performed IFR cert, several static leaks were found at astatic bulb and alternator static valve. Checked all AD's, no new AD's at this time.

Signed: Kwilloford A&P-IA: 3674535

N258KC

HOBBS: 2218.7 ATT: 4596.1

W/O# 001971-002

03/24/2022

ENGINE:

Removed cowling. Inspected all exhaust port gaskets. Inspected all induction port gaskets, hardware, and clamps. No defects found. Reinstalled cowling.

Signed: Kwilloford A&P-IA: 3674535

N258KC

HOBBS: 2218.7 ATT: 4596.1

W/O# 001835-001

02/01/2022

AIRFRAME: Completed annual inspection.

This aircraft has been inspected in accordance with an annual type inspection in accordance with FAR 43, APP "D" and 43.15 and was found to be in an airworthy condition and has been approved for return to service.

Signed: Kwilloford A&P-IA: 3674535

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

Description of maintenance performed	Signature*	AMO Stamp / AME Licence No and date

September 8, 2022 N258KC M/N: Cessna 177RG S/N: 177RG1304 Tach: 2218.7

Resecured nose gear down lock light wire as required. Retracted gear several times. No defects noted. 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 **22-12559.**

Chad Jachowske
CRS# 1MYR828C

FIRSTWING
JET CENTER

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

Date: 11/03/2022; Aircraft: N258KC; Type: 177RG; S/N: 177RG1304
Tach: 4669.3
Reprogrammed GNS430W and the GTX345 IAW STC Installation Manaul P/N 190-00734-10 Rev. 15.Wired glareshield lighting to the existing instrument panel circuit IAW AC43.13-1B. Removed battery master contactor and replaced with P/N P52-0035-1 IAW Cessna 177RG Maint Manual P/N D2009-13 Rev. 4. Adjusted latch of glove box, latches securely now. Secured GMC507 properly and re-leved aircraft/system IAW GFC500 Install Manual P/N 190-02291-00 Rev. 21. Tightened rudder cable to specs and safety wired turn buckle IAW Cessna 177RG Maint Manual P/N D2009-13 Rev. 4. Also checked rigging of the rudder. Systems Ramp check good.
The aircraft, engine, propeller, or appliance identified above was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and was determined airworthy and approved for return to service. Pertinent details of the repair are on file at this repair station under W/O # AV-22-11461, dated 11-03-2022.

Signed_____.

Tom Wood Aviation, Inc./Indianapolis Metropolitan Airport
9913 Willow View Rd, Fishers, IN 46038
FAA Certified Repair Station CRS #1TWR915M

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

09/29/2022 N258KC Tach 4666
Replaced all exhaust gaskets. Secured oil pressure transducer. Replaced nose gear switch and magnet.
Robert Russell 3411885IA

Date: 12/13/2022; Aircraft: N258KC; Type: 177RG; S/N: 177RG1304
Tach: 4669.5
Complied with Garmin Service Alert 22109 Rev. A. Disabled GFC500 Pitch Trim.
The aircraft, engine, propeller, or appliance identified above was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and was determined airworthy and approved for return to service. Pertinent details of the repair are on file at this repair station under W/O # AV-22-11461, dated 12-13-2022.

Signed_____.

Tom Wood Aviation, Inc./Indianapolis Metropolitan Airport
9913 Willow View Rd, Fishers, IN 46038
FAA Certified Repair Station CRS #1TWR915M

* *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, as amended have been met in every respect.

Cessna 177RG S/N: 177RG1304 Tach: 2218.7

Repaired. Retracted gear several times. No defects noted. Ops

Operations described above were inspected in
with respect to work performed, the aircraft and/or
and for return to service for the discrepant items listed.
22-12559.

Chad Jachowske
CRS# 1MYR828C

317-769-4487 | CERTIFIED REPAIR STATION NO.1MYR828C

177RG; S/N: 177RG1304

Reprogrammed GNS430W and the GTX345 IAW STC Installation Manaul P/N 190-00734-10 Rev. 15.Wired glareshield lighting to the existing instrument panel circuit IAW AC43.13-1B. Removed battery master contactor and replaced with P/N P52-0035-1 IAW Cessna 177RG Maint Manual P/N D2009-13 Rev. 4. Adjusted latch of glove box, latches securely now. Secured GMC507 properly and re-leved aircraft/system IAW GFC500 Install Manual P/N 190-02291-00 Rev. 21. Tightened rudder cable to specs and safety wired turn buckle IAW Cessna 177RG Maint Manual P/N D2009-13 Rev. 4. Also checked rigging of the rudder. Systems Ramp check good.
The aircraft, engine, propeller, or appliance identified above was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and was determined airworthy and approved for return to service. Pertinent details of the repair are on file at this repair station under W/O # AV-22-11461, dated 11-03-2022.

Signed

Tom Wood Aviation, Inc./Indianapolis Metropolitan Airport
9913 Willow View Rd, Fishers, IN 46038
FAA Certified Repair Station CRS #1TWR915M

nose gear switch and magnet.

AUTHORIZED RELEASE CERTIFICATE
FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

1. Approving Civil Aviation Authority/Country: FAA/United States
2. Form Tracking Number: 7797460
3. Organization Name and Address: Textron Aviation Inc. (PC4)
Textron Aviation Inc.
1 Cessna Blvd, Wichita, KS 67215
5. Work Order/Contract/Invoice Number: 4593288

6. Item	7. Description	8. Part Number	9. Quantity	10. Serial Number	11. Status/Work
130	CONTACTOR ASSEMBLY 24V CONT	P52-0035-1	1	N/A	New

12. Remarks: AUTHORIZED RELEASE DOCUMENT
PO#: 787020

13a. Certifies the items identified above were manufactured in conformity to:
☒ Approved design data and are in a condition for safe operation.
☐ Non-approved design data specified in Block 12.

14a. ☐ 14 CFR 43.9 Return to Service ☐ Other regulation specified in Block 12
Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.

13b. Authorized Signature: Galvin L Suther
13c. Approval/Authorization No.: PC4
14b. Authorized Signature
14c. Approval/Certificate No.:
13d. Name (Typed or Printed): GALVIN L SUTHER
13e. Date (dd/mmm/yyyy): 07/Dec/2021
14d. Name (Typed or Printed):
14e. Date (dd/mmm/yyyy):

User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.

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 aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1.

Statements in Blocks 13a and 14a 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.

FAA Form 8130-3 (02-14)

NSN 0052-00-012-9005

Date: 12/13/2022; Aircraft: N258KC; Type: 177RG; S/N: 177RG1304
Tach: 4669.5
Complied with Garmin Service Alert 22109 Rev. A. Disabled GFC500 Pitch Trim.
The aircraft, engine, propeller, or appliance identified above was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and was determined airworthy and approved for return to service. Pertinent details of the repair are on file at this repair station under W/O # AV-22-11461, dated 12-13-2022.

Signed

Tom Wood Aviation, Inc./Indianapolis Metropolitan Airport
9913 Willow View Rd, Fishers, IN 46038
FAA Certified Repair Station CRS #1TWR915M

* *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, as amended have been met in every respect.

Date: 12/13/2022; Aircraft: N258KC; Type: 177RG; S/N: 177RG1304
Tach: 4669.3
Installed a G/S splitter running new cables to the 430W and the 155. Installed wiring from KX155 to GS receiver. Also installed wiring from the 155 to the KI 209 head for secondary glideslope data. Reinstalled all radio racks with radios and ops checked all systems good. Secured wiring and cables from control surfaces and secured aircraft from work. Changed Throttle cam to correct PN: 2013083-1 and new back plate PN: 1560218-1 and adjusted IAW Cessna 177 nn. Re-installed cowling and test ran and ops checked ok. Set flap cable tensions to proper specs IAW Textron MM D991-13 Rev. 3 Dated Sept 1, 1974 177 RG (176-1978).
The aircraft, engine, propeller, or appliance identified above was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and was determined airworthy and approved for return to service. Pertinent details of the repair are on file at this repair station under W/O # AV-22-11461, dated 12-13-2022.

Signed_____.

Tom Wood Aviation, Inc./Indianapolis Metropolitan Airport
9913 Willow View Rd, Fishers, IN 46038
FAA Certified Repair Station CRS #1TWR915M

Aviation Plus LLC
262-656-1260
Aviationplusllc.com

03/17/2023 N258KC Tach 4675 TTAF 4675
Reinstalled air Challenger air filter after cleaning and rewetting with fluid per ICA. Reinstalled Power Flow exhaust syste3m after cleaning, inspecting and reapplying anti-seize compound per ICA. Replaced one cowl shock mount. Replaced both door upper hinge wedges and door pins. Repaired right window opening mechanism. Replaced nose door actuation turnbuckle attach bolts with clevis pins. Tightened stabilator pivot bolts. Replaced stab trim aft arm Heim end. Taped flap and stab lightening holes for bird's nest prevention. Replaced one rivet in right wing skin in fuel tank area. Replaced right outside brake caliper shoe with Cleveland shoe. Replaced all brake pads. Replaced throttle warning switch. Rig gear nose down lock force, aft nose doors for fit and strut height. Replaced seat belt to shoulder harness grommets. AD 23-02-17 spar cracks not due for 200hrs/ 12 months, whichever comes first. CW AD 11-10-09 seats and rails, visual and dimensional checks, due 100hrs/annually. AD 15-19-07 injector lines and supports, visual, due 100hrs. ELT batteries, due 06/2026. ELT checked per FAR 91.207 (d). All routine items checked per inspection sheets. FAR43 APP D. I certify that this airframe has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.
_____Robert Russell 3411885IA

Date: 4/18/2023; Aircraft: N258KC; Type: 177RG; S/N: 177RG1304
Tach: 4681.6
Complied with Mandatory Garmin STC Service Bulletin No. 22123 Rev A, Automatic Pitch Trim Enable. Updated G5 software to ver 8.02. Ramp checks good
The aircraft, engine, propeller, or appliance identified above was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and was determined airworthy and approved for return to service. Pertinent details of the repair are on file at this repair station under W/O # AV-23-11607, dated 04-18-2023.

Signed_____.

Tom Wood Aviation, Inc./Indianapolis Metropolitan Airport
9913 Willow View Rd, Fishers, IN 46038
FAA Certified Repair Station CRS #1TWR915M

* *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, as amended have been met in every respect.

SCHEDULE INSPECTION RECORD

SCHEDULED INSPECTIONS PERFORMED					
Date	Total Time	Landings/ Cycles	Inspection Type	Signature*	AMO/AME Licence number

10/17/2023 N258KC M/N: CESSNA 177RG S/N: 177RG1304 HOBBS: 2218.7

REBUILT PITOT/ STATIC SYSTEM FROM OLDER EXISTING SYSTEM TO BOTH G5'S AND GAE 12 PER CESSNA 177RG AMM CH 15. GROUND OPS AND LEAK CHECK OK.

THE MAINTENANCE OPERATION(S) DESCRIBED ABOVE WERE INSPECTED IN ACCORDANCE WITH CURRENT FAA REGULATIONS AND WITH RESPECT TO THE WORK PERFORMED, THE AIRCRAFT AND/OR COMPONENT WAS FOUND AIRWORTHY AND IS APPROVED FOR RETURN TO SERVICE. DETAILS ARE ON FILE AT THIS AGENCY UNDER WORK ORDER NUMBER **457**.

AARON L. BOYD
CRS# 1MYR828C

FIRSTWING
JET CENTER

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

Oct 17, 2023 N#: 258KC M/N: Cessna 177RG S/N: 177RG1304 Hobbs: 2218.7

I certify that on this date, the altimeter(s)/static system(s), transponder(s), and encoder, as listed, have been tested as required by AC43.6D, FAR 43, Appendices E/F, FAR 91.217, 91.227, 91.411 and 91.413 to (20),000 ft. The components and systems were found to be airworthy, comply with the limits of the FAR's, and are approved for return to service. The date of this test and the maximum altitude of the test have been recorded on the altimeters.

Component	Make	Model	Part No.	Serial No.
Altimeter #1	Garmin	G5	011-03809-00	4JQ044118
Altimeter #2	Garmin	G5	011-03809-00	4JQ044644
Altimeter #3	United Inst	5934P-3	5934P-3A.83	411G09
Transponder #1	Garmin	GTX 345	011-03302-01	3EG041659
Transponder #2				
Encoder #1	Garmin	GAE 12	011-03080-01	3T6020400
Encoder #2				

Details of the inspections and tests are on file at this agency under work order 457
Altimeters Tested on Date: 10/17/2023

Signature: Jason James
FAA Certificated Repair Station: 1MYR828C

FIRSTWING
JET CENTER

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

CARBON MONOXIDE DETECTOR
LOG BOOK REMINDER
P/N: 553-101-001 S/N: 18199
Install date: 11-6-2023
Overhaul Due Date: 5-7 year from install date
www.guardianavionics.com.com

* *Note:* A signature in this column will be taken a specified has been carried out and all requirements as laid down in the Civil Aviation en met in every respect.

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

Description of maintenance performed	Signature*	**AMO Stamp** / AME Licence No and date

Gulf Coast Avionics — **CRS UB4R564M**

Registration: N258KC **Make: CESSNA** **Model: 177RG** **S/N: 177RG1304** **Aircraft Time: 2218.7 HOBBS**

Removed KN53 066-1057-00 VOR S/N 5239, KN-64 p/n 066-1088-00 DME S/N 11090, KI-209 p/n 066-3056-01 CDI S/N 11966, KY 96A Com Transceiver P/N 064-1052-70 S/N 5996.Installed Garmin GTN 650Xi GPS/NAV/COM P/N 011-04631-01 S/N 5FP052313 at F.S. 59 using STC SA02019SE-D. Installed, configured and tested GTN 650Xi IAW manual P/N 190-01007-C0 Rev 9, dated May 05, 2023. Installed Mid-Continent CDI P/N MD200-306 S/N B23059 at F.S. 68.4. Installed, configured and tested MD200-306 IAW manual P/N 190-00180-00 REV C, dated Apr 2001. Installed Garmin GA 35 GPS/WAAS Antenna P/N 013-00235-00 S/N 230642 at F.S. 96.8 using STC SA02018SE-D. Installed and tested GA 35 IAW manual P/N 190-00848-00 Rev F, dated Jul 25, 2014. Post installation ground checks good. Installed TSO'd Guardian Avionics AERO 553 CO Detector P/N 553-101-001 S/N 18199 at F.S. 70 and the 553-500 OAT probe at F.S.# 59 IAW AC43.131B Chapter 4,Chapter 11 and 12. Ac43.13-2b Chapter 2 and 11and IAW manual P/N 001-553-01 REV IR, dated Mar 2004. Post installation ground checks good. Updated Garmin G5 S/N 4JQ044118 and S/N 4JQ044644 to software version 8.2 per Garmin Service bulletin# 23047 REV A dated 5/2/2023. Operational checks good per manufacturers specs.Updated the Garmin GTX345 Transponder S/N 3EG041659 to software version 2.8 per Garmin service bulletin# 22104 REV B dated 11/17/2022 and ADSB software 3.41 per Garmin Service bulletin# 23036 REV A dated 4/5/2023. Operationla checks good per manufacturers specs.

This aircraft has been inspected in accordance with current federal aviation regulations and found to be airworthy with respect to the work performed. Details will be on file at Gulf Coast Avionics under work order SO 23-GCA-49627.

Signature: SARAH SMITH Date: 11/6/2023

----------Page 1 of 1----------

Gulf Coast Avionics — **CRS UB4R564M**

Registration: N258KC **Make: CESSNA** **Model: 177RG** **S/N: 177RG1304** **Aircraft Time: 2218.7 HOBBS**

Removed GSA28 Roll Servo p/n 011-02927-11 s/n 5G9013749 and installed GSA28 Roll Servo p/n 011-02927-21 s/n 5G9013637. Removed GSA28 Pitch Servo p/n 011-02927-11 s/n 5G9013736 and installed GSA28 Pitch Servo p/n 011-02927-21 s/n 5G9006966. Removed GSA28 Trim Servo p/n 011-02927-11 s/n 5G9013790 and installed GSA28 Trim Servo p/n 011-02927-21 s/n 5G9006621 per G500 IM p/n 190-02291-00 Rev 24, dated Feb 15, 2023. Operational checks good IAW manufacturer specifications.

This aircraft has been inspected in accordance with current federal aviation regulations and found to be airworthy with respect to the work performed. Details will be on file at Gulf Coast Avionics under work order SO 23-GCA-51140.

Signature: SARAH SMITH Date: 11/20/2023

----------Page 1 of 1----------

Aviation Plus LLC
262-656-1260
Aviationplusllc.com

04/03/2024 N258KC Tach 4718 TTAF 4718

Reinstalled airfllter after cleaning and rewetting with solution per Challenger ICA. Reinstalled exhaust after performing Powerflow ICA, reapplied anti-seize compound, due 500hrs/annually. Replaced oil breather flex hose with MIL6000 hose. Replaced one bearing in nose wheel. Replaced right wheel hub grease seal. Replaced left nose door lower eyebolt. Shimmed torque links. Repaired left courtesy light socket and replaced bulbs in courtesy lights. CW AD 23-02-17 wing carry thru spar inspection, per para (g)(4)(h)(1)(i)(4)(i) and para(k) and SEL57-09R1 para 9 & 10 for corrosion protection. This is a onetime AD. Report was sent to the FAA. CW AD 11-10-09 seats and rails, visual and dimensional checks, due 100hrs/annually. CW AD 15-19-07 injector lines and supports, visual, due 100hrs. ELT battery date (06/26). ELT checked per FAR 91.207 (d). All routine items checked per inspection sheets. FAR43 APP D. I certify that this airframe has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.

Robert Russell 3411885IA

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

04/11/2024 N258KC Tach 4719

Replaced electrical system regulator with Plane Power FAA/PMA regulator model R1224 and configured for 24 volt operation.

Robert Russell 3411885IA

Aviation Plus LLC
262-656-1260
Aviationplusllc.com

03/20/2025 N258KC Tach 4741 TTAF 4741

Reinstalled air filter after cleaning and rewetting with solution per Challenger ICA. Reinstalled exhaust after Powerflow ICA, reapplied anti-seize compound, due 500hrs/annually. Tensioned alternator belt. Checked avionics jacks for looseness. Added door seal to bottom of baggage door. Repaired landing light wire in cowl. Replaced left nav bulb. CW AD 11-10-09 seats and rails, visual and dimensional checks, due 100hrs/annually. CW AD 15-19-07 injector lines and supports, visual, due 100hrs. ELT battery date 06/26. ELT checked per FAR 91.207 (d). All routine items checked per inspection sheets. FAR43 APP D. I certify that this airframe has been 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 taken as certification that the maintenance specified has been carried out and all requirements as laid down in the Civil Aviation Regulations, as amended have been met in every respect.