



TRI-CITY AERO MAINTENANCE INC.

4881 FOUNTAIN ST. N., UNIT 15
 BRESLAU, ONTARIO NOB 1M0
 TEL: 519-648-2044
 FAX: 519-648-9412

www.tricityaero.com

Weight and Balance/Equipment List Amendment # 1

Aircraft Make : Cessna Airplane Company
 Aircraft Model : A185E
 Serial number : 185-1362
 Registration : C-GRFN
 January 26, 2021

Item	Weight	Arm	Moment
<u>Weight & Balance, Jan 26, 2011</u>	2425.00	38.5	93365.00
<u>Remove</u>			
McCauley Prop D2A34C58-N0	-52.00	-39.5	2054.00
Cessna Prop Spinner	-4.00	-39.0	156.00
<u>Add</u>			
McCauley Prop and spinner D3A34C401-C	72.00	-39.50	-2844
<u>Totals</u>	2441.00	37.99	92731.00
New Center of Gravity:	37.99 in aft of datum		
New Empty Weight:	2441.0 lb		
New Useful load	824.0 lb		
Gross Weight, Wheels	3265.0 lb		
Gross Weight, Floats	3100.0 lb		

The maintenance described above has been performed in accordance with the applicable standards of airworthiness.

Clarence Beintema
 348208

MAINTENANCE RECORD



TRI-CITY AERO MAINTENANCE

4881 Fountain St. North
Hangar 43 CYKF
Breslau, Ontario N0B 1M0
PH: (519) 648-2044 FAX: (519) 648-9412



Authorized Service Center


May 7, 2021

TTSO: 821.8

C-GRFN

A 200 hour annual inspection has been carried out in accordance with CAR 625 Appendix B and C, and the Cessna 185 airframe maintenance manual as a reference.
Compression check carried out per SB03-3: 1) 70, 2) 76, 3) 73, 4) N/A, 5) 72, 6) 58.
Cylinder No. 4 removed, repaired by Reliable Horsepower, and reinstalled.
Engine oil and filter replaced. Phillips 20W50M mineral oil installed.
Oil cooler baffle repaired.
Muffler and tail pipe removed, repaired by Alexons Welding, and reinstalled.
Left muffler clamp halves replaced.
Crankcase bolts by alternator lockwired.
Alternator tension arm safety wire replaced.
Left and right magneto removed, 500-hour inspection carried out by Pro Aero, and magnetos P/N: 10-349350-4 & 10-349350-5 S/N: A206869FR & B029836FR reinstalled and retimed to engine in accordance with MSB94-8D.
Sparkplugs removed, cleaned, gapped, tested, and reinstalled.
Engine air filter replaced with new Brackett BA-8110 per STC # SA71GL.
Fuel nozzles removed, cleaned, inspected, and reinstalled.
Fuel metering unit finger screen removed, cleaned, inspected, and reinstalled.
Cabin heater inspected per CF90-03R2.

The maintenance described above has been carried out in accordance with the applicable standards of airworthiness.


Clarence Beintema

348208

REPAIRS, ADJUSTMENTS, MODIFICATIONS

SIGNATURE

LIC
NUM

ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.		
<p>C-GRFN Cessna A185E SN# 185-1362</p> <p>Annual inspection completed as per CARs 625 appendix B & C Compression test completed #1 cyl 42/80 #2cyl 41/80 #3cyl 76/80 #4cyl 64/80 #5 77/80 #6 71/80 #2 cylinders removed and overhauled and reinstalled as M.M. hydraulic lifters installed in #1 and #2 cylinders spark plugs removed, cleaned, gapped and reinstalled oil and new oil filter installed CH48108-1 96-12-22 Engine oil filter adaptor inspection completed found serviceable 90-03R2 Exhaust type cabin heater inspection completed found serviceable</p>	<p>THE MAINTENANCE DESCRIBED ABOVE HAS BEEN PERFORMED IN ACCORDANCE WITH APPLICABLE STANDARDS OF AIRWORTHINESS</p> <p>DATE: <u>April 19/19</u> LIC: <u>790136</u></p> <p>SIGNATURE: <u>[Signature]</u></p>	
<p>C-GRFN Cessna A185E SN# 185-1362</p> <p>Annual inspection completed as per CARs 625 appendix B & C Compression test completed #1 cyl 78/80 #2cyl 76/80 #3cyl 74/80 #4cyl 55/80 #5 75/80 #6 65/80 Spark plugs removed, cleaned, gapped and reinstalled Oil filter removed inspected found serviceable New oil and new oil filter installed CH48108-1 New EGT prob installed R/H wheel bearings replaced new AD 96-12-22 Engine oil filter adaptor inspection completed found serviceable CF 90-03R2 Exhaust type cabin heater inspection completed found serviceable</p>	<p>THE MAINTENANCE DESCRIBED ABOVE HAS BEEN PERFORMED IN ACCORDANCE WITH APPLICABLE STANDARDS OF AIRWORTHINESS</p> <p>DATE: <u>Apr 10/20</u> LIC: <u>790136</u></p> <p>SIGNATURE: <u>[Signature]</u></p>	
<p>TRI-CITY AERO MAINTENANCE 4981 Fountain St. North Hangar 43 CYKF Breslau, Ontario N0B 1M0 PH: (519) 648-2044 FAX: (519) 648-9412</p> <p>MOONEY Diamond AIRCRAFT Authorized Service Center</p> <p>September 01, 2020 TTSO: 813.7 C-GRFN</p> <p>Engine oil and filter replaced, Aeroshell W-100 oil installed. All spark plugs replaced with new URHM32E. Magneto timing checked per MSB 94-8D. Engine idle mixture and speed adjusted.</p> <p>The maintenance described above has been carried out in accordance with the applicable standards of airworthiness.</p> <p><u>[Signature]</u> Clarence Beintema 348208</p>		
<p>MAXIMUM HOURS BETWEEN OVERHAULS _____ HOURS.</p>		

MAINTENANCE

REPAIRS, ADJUSTMENTS, MODIFICATIONS

ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

SIGNATURE

LICENCE NUMBER

C-GRFN

Cessna A185E

SN/185-1362

Annual inspection completed as per CARs 625 appendix B & C
 Compression test completed #1 cyl 60/80 #2cyl 66/80 #3cyl 44/80 #4cyl 65/80 #5 42/80 #6 68/80
 Spark plugs removed, cleaned, gapped and reinstalled
 Oil filter removed inspected found serviceable
 New oil and oil filter installed CH48108
 Fuel screen inspected found serviceable
 #3 and #5 Cylinders removed, overhauled by ATC and reinstalled
 AD 96-12-22 Engine oil filter adaptor inspection completed found serviceable
 CF 90-03R2 Exhaust type cabin heater inspection completed found serviceable

THE MAINTENANCE DESCRIBED ABOVE HAS BEEN PERFORMED IN ACCORDANCE WITH APPLICABLE STANDARDS OF AIRWORTHINESS

DATE: May 1/16 LIC: 390139
 SIGNATURE: [Signature]

C-GRFN

Cessna A185E

SN# 185-1362

Annual inspection completed as per CARs 625 appendix B & C
 Compression test completed #1 cyl 58/80 #2cyl 59/80 #3cyl 79/80 #4cyl 66/80 #5 78/80 #6 68/80
 Spark plugs removed, cleaned, gapped and reinstalled
 Oil filter removed inspected found serviceable
 New oil filter installed CH48108-1
 New rocker cover gasket installed #3 cyl
 AD 96-12-22 Engine oil filter adaptor inspection completed found serviceable
 CF 90-03R2 Exhaust type cabin heater inspection completed found serviceable

The maintenance described above has been performed in accordance with applicable standards of airworthiness.

DATE: May 1/16 LIC: 390139
 SIGNATURE: [Signature]

C-GRFN

Cessna A185E

SN# 185-1362

Annual inspection completed as per CARs 625 appendix B & C
 Compression test completed #1 cyl 56/80 #2cyl 55/80 #3cyl 77/80 #4cyl 65/80 #5 76/80 #6 70/80
 Spark plugs removed, cleaned, gapped and reinstalled
 Oil filter removed inspected found serviceable
 New oil and new oil filter installed CH48108-1
 AD 96-12-22 Engine oil filter adaptor inspection completed found serviceable
 CF 90-03R2 Exhaust type cabin heater inspection completed found serviceable

THE MAINTENANCE DESCRIBED ABOVE HAS BEEN PERFORMED IN ACCORDANCE WITH APPLICABLE STANDARDS OF AIRWORTHINESS

DATE: May 7 2016 LIC: 390139
 SIGNATURE: [Signature]

MAXIMUM HOURS BETWEEN OVERHAULS _____ HOURS.

M A I N T

REPAIRS, ADJUSTMENTS, MODIFICATIONS
ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

SIGNATURE

LICENCE NUMBER

*cleaned plugs, retimed both magnetos - throttle body screen clean
Engine mounts replaced*
The MTC described above has been performed in accordance with the applicable Standards of Airworthiness.

*out as PER CARS 625 B, C
annual inspection sheets
aircraft: Ref: Airworthiness
Appendix Det A11*

THE MAINTENANCE DESCRIBED ABOVE
HAS BEEN PERFORMED IN ACCORDANCE
WITH APPLICABLE STANDARDS OF
AIRWORTHINESS 571.19(2)

NAME: *slubth*
DATE: *15 April 2013*
LICENCE NO: *Qmm - 84893*
AMO #: *x16 x x x1 x x*

Annual inspection completed as per CARs 625 appendix B & C
Compression test completed #1 cyl 71/80 #2cyl 65/80 #3cyl 61/80 #4cyl 64/80 #5 65/80

- spark plugs removed, cleaned, gapped and reinstalled
- oil filter removed inspected found serviceable
- oil filter installed
- oil screen inspected found serviceable
- 2011-10-09 Seat track and rail inspection completed found serviceable
- 096-12-22 engine oil filter adaptor inspection completed found serviceable
- 093-05-06 ACS + Gendes ignition switch inspection completed found serviceable
- 090-03R2 Exhaust type cabin heater inspection completed found serviceable
- 073-09 Rudder pedal torque tube inspection completed found serviceable

THE MAINTENANCE DESCRIBED ABOVE HAS
BEEN PERFORMED IN ACCORDANCE WITH THE
APPLICABLE STANDARDS OF AIRWORTHINESS

DATE: *May 3 14* LIC: *390139*
SIGNATURE: *John D. Muelly*

-GRFN
Cessna A185E SN/185-1362

Annual inspection completed as per CARs 625 appendix B & C
Compression test completed #1 cyl 60/80 #2cyl 66/80 #3cyl 61/80 #4cyl 65/80 #5 64/80 #6 68/80

- spark plugs removed, cleaned, gapped and reinstalled
- oil filter removed inspected found serviceable
- new oil and oil filter installed CH48108
- oil screen inspected found serviceable
- 2011-10-09 Seat track and rail inspection completed found serviceable
- 096-12-22 Engine oil filter adaptor inspection completed found serviceable
- 093-05-06 ACS + Gendes ignition switch inspection completed found serviceable
- 090-03R2 Exhaust type cabin heater inspection completed found serviceable
- 073-09 Rudder pedal torque tube inspection completed found serviceable

THE MAINTENANCE DESCRIBED ABOVE HAS
BEEN PERFORMED IN ACCORDANCE WITH THE
APPLICABLE STANDARDS OF AIRWORTHINESS

DATE: *May 15* LIC: *390139*
SIGNATURE: *John D. Muelly*

010 26. 7 506. 11 1.11 HOUR ERROR F

C-GRFN WORK REPORT TTSN: 7305.4hrs AIRFRAME
7306.4hrs

Model# A-185-E S/N 185-1362 Tach Time: 1350.9hrs Hobbs: 734.2

December 19, 2010

- 1- Aircraft imported into Canada using MSI-26, CAR625 appendix B&C and TCDS 3A24.
- 2- U.S Registration N2210T removed and Canadian Registration C-GRFN installed on fuselage as per Standard 222.01.
- 3- Annual inspection completed as per CAR 625 appendix B&C and Cessna 100 series 100hr inspection schedule.
- 4- Replaced both brake wheel cylinder O-Rings MS28775-220.
- 5- 1 Landing light bulb GE 4509 replaced.
- 6- Ground repaired on tail strobe.
- 7- Fuel strainer drain control freed up and lubricated.
- 8- New Rapco 212CW Vacuum pump installed.
- 9- Overhauled propeller Model# D2A34C58-NO/590AT-4 S/N 710952 installed as per McCauley installation instructions.
- 10- Fuel strainer drain control freed up and lubricated.
- 11- CH 48108-1 oil filter changed. Old filter cut open and inspected no metal found.
- 12- Fuel mixture control finger screen checked and cleaned.
- 13- Hard hose removed from oil quick drain to prevent inadvertent oil draining.
- 14- All drain holes in fuselage cleaned.
- 15- Co-Pilot door handle tightened.
- 16- Battery serviced.
- 17- Left brake pads RA66-106 replaced.
- 18- Brake system bled with 5606 hydraulic fluid.
- 19- Both fuel senders tightened.
- 20- Floats lubricated as required.
- 21- New emergency brake cable P/N MC0510105-170 installed.
- 22- Left float aft bulkhead cable hole dressed.
- 23- Left float micro switch tighten.
- 24- Right float 2 rivets tightened at nose gear doubler.
- 25- New pulley installed at water rudder cable Y.
- 26- Both floats fwd cable grommets replaced.
- 27- Positive battery wire tied up to stop chafing.
- 28- Replaced aft float cable in left float.
- 29- Both aft gear cable pulleys' p/n AN220-2 replaced.
- 30- All hydraulic cylinders and slides cleaned and lubricated.

CESSJA
 WAS ACCOMPLISHED AS FOLLOWS
 GAPPED AND ROTATED SPARK PLUGS. CHECK
 ENGINE. CHANGED OIL, REPLACED FILTER
 CHECKED EX SYSTEM AND ENGINE MOUNT
 SCREEN. CLEANED GASCOLATOR
 QUICK DRAIN BRACKET AT MOUNT LEG
 BLADES. MINOR MAINT. ACCOMPLISHED
 AIRWORTHY THIS DATE. CHARLES A
 FROM U.S. HOG.
 INSPECTED IN ACCORDANCE WITH AN
 BE IN AIRWORTHY CONDITION APPLICABLE
 TOTAL TIME OR TACK READING 1324.9
 TRANSCRIBED FROM U.S. HOG.
 WITH AEROSHEW 100 AND MIL-C-6529C1
 BEFORE FLIGHT. JACK BUGULL AP
 HOG.

OVERHAUL. 505.0HRS

- 31- Gear swing completed with both hand hydraulic pump and engine driven hydraulic pump, gear found to function normally.
- 32- Left aileron bell crank control rod bolt replaced to be in safety.
- 33- Left aileron bell crank forward direct cable bolt tightened.
- 34- Left aileron bell crank aft control rod bolt replaced to be in safety.
- 35- Pilot's door handle lubricated.
- 36- All applicable placards checked and installed as required.
- 37- Tightened hydraulic fittings on the firewall, no further leaks found
- 38- Right outboard aileron pulley freed up and lubricated.
- 39- Both aileron direct cable's P/N MC0510105-222 replaced.
- 40- Aileron carry thru cable P/N MC0510105-113 replaced.
- 41- Both shimmy dampeners resealed and filled with 5606 hydraulic fluid.
- 42- All 4 oleo's serviced and filled with nitrogen.
- 43- 2 front seats and 2 aft seats disassembled and material sent to Scandia Inc. For flammability testing. Vinyl L99 Burgundy passed W/O 215434-10, new pewter grey material purchased from Airtex order number 95121 and sent to Scandia Inc. For flammability test passed under W/O 216368-10. Seats reassembled using above covering materials and existing original framework.
- 44- New Airtex carpet # 95121 104A installed.
- 45- New Kannad AFcompact 406 ELT installed including antenna using Kannad installation manual and airworthiness manual 551.104 paragraph F. Unit serial number RX100009406 from Discount Avionics W/O 10910.
- 46- New speaker P/N C596504-0201 installed and function tested okay.
- 47- New Pilots window latch P/N CAM 1707 installed.
- 48- Aircraft weighed and new weight and balance and equipment list completed, new empty weight 2425lbs @ 38.5in aft of the datum.
- 49- Compass swing completed:
 FOR N 30 60 E 120 150 S 210 240 W 300 330
 STEER N 29 61 89 118 149 181 209 238 271 301 332
- 50- Airworthiness Directives: CF87-15r2 Seat lock mechanism inspection complied with, no defects found. 96-12-22 Engine oil filter adapter assembly's inspection complied with, no defects found. 93-05-06 ACS and Gerdes ignition switch's inspection complied with, no defects found. 86-19-11 Fuel reservoirs inspected, no defects found. CF-73-05 Rudder pedal torque tube inspection completed, no defects found. CF-90-03r2 Exhaust type cockpit heater inspection completed, no defects found.
- 51- Airworthiness directive research completed see mod log for complete listing.
- 52- Left cowl flap control rod attachment point repaired.
- 53- Cam lock replaced lower right side of cowl.
- 54- New cabin heat control installed.
- 55- Compass light wires protected.
- 56- I have conducted an inspection for conformance to the type of aileron system controls that were affected by the work accomplished.
- 57- The described maintenance has been performed in accordance with the applicable standards of airworthiness.

Bi-Typed m742
 Bi-Typed m742
 Bi-Typed m742