

F.A.A. Repair Station No. NCLR 674G

LABOR

Left engine #5 cylinder cracked from spark plug hole to injector boss. Removed cylinder for repair, see work



I hereby authorize the above work to be done with the necessary material, and hereby grant you and/or your employees permission to operate this aircraft locally by a certificated representative of your Service Department for the purpose of flight testing and/or inspection. An express mechanic's lien is hereby acknowledged on the above aircraft to secure the amount of repairs thereto. This is a work order and upon completion of the work the Grand Total as computed on this form shall be due and payable. If legal or collection fees are incurred in the collection of the amount due, they will be added to the past due balance.

Total Oil

DATE _____

TOTAL PARTS

Grand
Total

PROMISED DATE	TIME
---------------	------

☐ SERVICE CLASS SHOP

PRELIMINARY DATE

	HIDDEN DAMAGE DATE
--	--------------------

IN PROGRESS DATE	
------------------	--

1	FINAL DATE
---	------------

2020-07-27

TOTAL PARTS_____>

Date Revised: 11/30/2011

[illegible]

[illegible]

QTY.	PART NO.	DESCRIPTION	PRICE	TOTAL
4	AS3578-210	O-Ring		
2	MS9970-116	O-Ring		
2	MS9970-117	O-Ring		
6	633958-3	Seal		
2	649959	Gasket		
6	636465	Gasket		
4	991036-1	Gasket		
2	BA-13	Filter		
1	065-1040	PreKote		
2	CN0483928GA	Primer		
2	CM0120828QT	Primer		
2	CM0840103GA	Matterhorn White		
1	CM0840081GA	Hardener		
1	CM0840A03GA	Activator		
1	CM0110099GA	Thinner		
1	Z01955QT	Gloss Black		
15	MS21046C4	Nuts		
8	MS35489-9	Grommets		
4	CR3243PR-4-3	Rivet		
2	CR3243-4-4	Rivet		
2	CR3243-5-4	Rivet		
2	CR3243-5-6	Rivet		
8	CR3243-4-2	Rivet		
4	CR3243-5-5	Rivet		
2	ECKD22-18VN	Butt Splice		
1	ECWB22-18VN	Butt Splice		
1	637244	Gasket		
1	653006	Gasket		
10	AN3C15	Bolts		
6	652458	Gasket		
1	649965	Gasket		
10	MS35206-228	Screws		
20	MS24693-C272	Screws		
10	MS24693-C50	Screws		
20	AN526C-1032R8	Screws		
40	AN526-832R8	Screws		
Total Parts This Page				
Parts Forwarded From Other Pa				
TOTAL PARTS				

NorEast Aviation Services, Inc.
New Bedford Regional Airport
New Bedford, MA 02746
Phone [REDACTED]

F.A.A. Repair Station No. NCLR 674G

NAME Mark Bulman		CUST. ORDER NO.	CASH
ADDRESS		CITY	CREDIT CARD
MAKE AND MODEL Cessna 402B	SERIAL NO. AIRCRAFT 402B1242	TOTAL HOURS	
REGISTRATION NO. N836GW	ENGINE R or FWD 4928.3 TAT		
CUSTOMER PHONE NO.	L or AFT		

36-08-31B	Pg. 1
BILLING DATE 12/22/2016	
RECEIVED DATE	TIME
PROMISED DATE	TIME
☐ SERVICE CLASS SHOP ☐ PRELIMINARY DATE ☐ HIDDEN DAMAGE DATE ☐ IN PROGRESS DATE ☐ FINAL DATE	

SERVICES WANTED

LABOR

Cont from W/O 36-08-31B
 Elt Battery expired-Unit removed for maintenance and
 Instrument panel placarded I/A/W FAR91.207(d) ****
 Reinstalled L/R Exhaust System after return from O/H
 See log entry L/R engine for items O/H and parts list
 Reinstalled O/H Cyl (Complete Kit) #3 Left Engine-
 Ground run Leak CK OK S/N AC4245
 Reinstalled O/H Cyl (Complete Kit) #5 Left Engine-
 Ground run Leak CK OK S/N AC4243
 Reinstalled O/H Cyl (Complete Kit) #2 Right Engine-
 Ground run Leak CK OK S/N AC4241
 Reinstalled O/H Cyl (Complete Kit) #4 Right Engine-
 Ground run Leak CK OK S/N AC4242
 Reinstalled O/H Cyl (Complete Kit) #6 Right Engine-
 Ground run Leak CK OK S/N AC4244
 Made sheet metal repairs to Fwd L/H Cargo Door Hold Rod

☒ REPAIRS	☐ 100 HOUR	INSPECTIONS
☐ A.D. NOTES	☐ ANNUAL	☐ MAJOR
☐ SER. LETTER	☐ CONTINUOUS INSPECTION	☐

NOT RESPONSIBLE FOR LOSS OR
 DAMAGE TO PLANES OR ARTICLES
 LEFT IN PLANES. IN CASE OF FIRE,
 THEFT OR ANY OTHER CAUSE
 BEYOND OUR CONTROL

I hereby authorize the above work to be done with the
 necessary material, and hereby grant you and/or your
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 Department for the purpose of flight testing and/or
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 amount of repairs thereto. This is a work order and
 upon completion of the work the Grand Total as
 computed on this form shall be due and payable. If legal
 or collection fees are incurred in the collection of the
 amount due, they will be added to the past due balance.

GAL. GAS	@ PRICE	Total Gas
QTS. OIL	@ PRICE	Total Oil

AUTHORIZED AND CONDITIONS TO AS STATED ABOVE

By _____ DATE _____

LABOR
PARTS
Outside Repairs
Gas
Oil
Freight In
Freight Out
Tax
Grand Total

Date Revised: 11/30/2011

Page <u>5</u> of <u> </u>		Discrepancy Worksheet Continuation	
Work Order Number: <u>36 0831B</u>		N Number: <u>N836G-W</u>	
Discrepancies			
Number: <u>16</u>	<u>Ailerons Rmd for Paint</u>		Entered By: <u> </u>
Corrective Action:	<u>Reinstalled Left and Right ailerons after paint and wash and balance</u>		Hours: <u> </u> Corrected By: <u> </u> Final Inspection: <u> </u> Rtl: <u> </u>
Number: <u>17</u>	<u>Rudder Rmd for Paint</u>		Entered By: <u> </u>
Corrective Action:	<u>Reinst Rudder as Per Maint. Manual</u>		Hours: <u> </u> Corrected By: <u> </u> Final Inspection: <u> </u> Rtl: <u> </u>
Number: <u>18</u>	<u>Elevators Rmd. for Paint</u>		Entered By: <u> </u>
Corrective Action:	<u>Reinstalled L/H Elevator As Per M.M. (AWG) Reinstalled Right Elevator</u>		Hours: <u> </u> Corrected By: <u> </u> Final Inspection: <u> </u> Rtl: <u> </u>
Number: <u>19</u>	<u>Found 300+ mag drop on run-up</u>		Entered By: <u> </u>
Corrective Action:	<u>2 H eng RH mag T-shoot? Leads & plugs OK. Removed mag, disassembled, cleaned (OVRP)</u>		Hours: <u> </u> Corrected By: <u> </u> Final Inspection: <u> </u> Rtl: <u> </u>
Number: <u>20</u>	<u>Found LH P/F high at MAX power</u>		Entered By: <u> </u>
Corrective Action:	<u>Adj wotek max P/F</u>		Hours: <u> </u> Corrected By: <u> </u> Final Inspection: <u> </u> Rtl: <u> </u>

No.	Name	Date	Hours	No.	Name	Date	Hours	No.	Name	Date	Hours
32		12/2/16	5.5	65		12/3/16	1.5	61		12/14/16	5.0
32		12/5/16	3.0	56		12/8/16	3.0	67		12/14/16	0.5
64		12/5/16	5.0	66		12/3/16	1.0	68		12/15/16	7.5
64		12/6/16	8.0	66		12/3/16	2.0	67		12/16/16	1.0
64		12/7/16	1.0	56		12/12/16	3.0	56		12/16/16	2.0
62		12/7/16	6.0	66		12/13/16	6.0	52		12/20/16	2.0
63		12/7/16	1.0	66		12/14/16	2.5	51		12/20/21	1.5

Discrepancy Worksheet

Customer Name:

Mark Bylman

Date:

Work Order Number:

N Number:

N F36GW

Aircraft Total Time:

4928.3 TDA

Preliminary Inspection Complied With: ☒ Yes By: [REDACTED]

Discrepancies

Number: 1	RECORD AIRCRAFT SERIAL NUMBER				Entered By:	[REDACTED]
Corrective Action:	402 B 12 42				Hours:	[REDACTED]
Number: 2	LEFT ENGINE POST INSPECTION				Entered By:	[REDACTED]
Corrective Action:	C/W Post inspection				Hours:	[REDACTED]
Number: 3	RIGHT ENGINE POST INSPECTION				Entered By:	[REDACTED]
Corrective Action:	C/W Post inspection				Hours:	[REDACTED]
Number: 4	AIRFRAME POST INSPECTION				Entered By:	[REDACTED]
Corrective Action:	C/W Post inspection				Hours:	[REDACTED]
Number: 5	TYPE OF INSPECTION				Entered By:	[REDACTED]
Corrective Action:	Annual inspection C/W annual inspection				Hours:	[REDACTED]

No.	Name	Date	Hours	No.	Name	Date	Hours	No.	Name	Date	Hours
1	[REDACTED]	1/4	8:00								
1	[REDACTED]	1/6	7:30								
1	[REDACTED]	7									

NorEast Aviation Services, Inc.

New Bedford Regional Airport

New Bedford, MA 02746

Phone [REDACTED]

F.A.A. Repair Station No. NCLR 674G

36-08-31C Pg. 2

RECEIVING DATE
2/6/2018

RECEIVED DATE TIME

PROMISED DATE TIME

SERVICE CLASS
☐ SHOP

PRELIMINARY DATE

HIDDEN DAMAGE DATE

IN PROGRESS DATE

FINAL DATE

LABOR

SERVICES WANTED

Mag-reinstall and time to engine-Op CK OK

Adjusted Max F/F on L/H Engine I/A/W M/M Op CK OK

R & R ELT Battery with new Next Due 12/18 *** Op CK OK

Final Inspection Complete-A/C released to owner for
Test Flight and Return to Service.

☐ REPAIRS

☐ 100 HOUR

INSPECTIONS

☐ A.D. NOTES

☐ ANNUAL

☐ MAJOR

☐ SER. LETTER

☐ CONTINUOUS INSPECTION

☐

NOT RESPONSIBLE FOR LOSS OR
DAMAGE TO PLANES OR ARTICLES
LEFT IN PLANES. IN CASE OF FIRE,
THEFT OR ANY OTHER CAUSE
BEYOND OUR CONTROL

I hereby authorize the above work to be done with the
necessary material, and hereby grant you and/or your
employees permission to operate this aircraft local ly
by a certificated representative of your Service
Department for the purpose of flight testing and/or
I inspection. An express mechanic's lien is hereby
acknowledged on the above aircraft to secure the
amount of repairs thereto. This is a work order and
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computed on this form shall be due and payable. If legal
or collection fees are incurred in the collection of the
amount due, they will be added to the past due balance.

GAL. GAS @ PRICE Total Gas

QTS. OIL @ PRICE Total Oil

AUTHORIZED AND CONDITIONS TO AS STATED ABOVE

By _____

DATE _____

LABOR

PARTS

Outside
Repairs

Gas

Oil

Freight In

Freight Out

Tax

Grand
Total

Total Parts This Page

0.00

Parts Forwarded From Other Page

TOTAL PARTS _____

>

Discrepancy Worksheet

Customer Name: *Mark Bulman* Date: *11/1/17* Work Order Number: *36-08-31C* N Number: *N836GW* Aircraft Total Time: *4,928.3*

Preliminary Inspection Complied With: ☒ Yes By: *[Signature]*

Discrepancies

Number: 1	<i>Annual discrepancy #8 Belly leak on inop</i>			Entered By: <i>[Signature]</i>
Corrective Action:	<i>inspected and found bad wire and repaired as needed and sealed leak</i>	Hours: <i>0</i>	Corrected By: <i>[Signature]</i>	Final Inspection: <i>[Signature]</i> RII: <i>[Signature]</i>
Number: 2	<i>Annual discrepancy #11 Need all new exterior plywood</i>			Entered By: <i>[Signature]</i>
Corrective Action:	<i>Owner provided a 402B exterior plywood kit and NorEast installed per owner ^{request} date</i>	Hours: <i>0</i>	Corrected By: <i>[Signature]</i>	Final Inspection: <i>[Signature]</i> RII: <i>[Signature]</i>
Number: 3	<i>Annual discrepancy #14 left fuel pump 7.5 C/B broken</i>			Entered By: <i>[Signature]</i>
Corrective Action:	<i>Installed replacement replacement C/B provided by owner.</i>	Hours: <i>0</i>	Corrected By: <i>[Signature]</i>	Final Inspection: <i>[Signature]</i> RII: <i>[Signature]</i>
Number: 4	<i>Annual discrepancy #15 R/H Elev control tube end fitting cracked P/N 5035005-4</i>			Entered By: <i>[Signature]</i>
Corrective Action:	<i>Installed owner provided Elevator control tube fitting and installed Right Elevator.</i>	Hours: <i>0</i>	Corrected By: <i>[Signature]</i>	Final Inspection: <i>[Signature]</i> RII: <i>[Signature]</i>
Number: 5	<i>Annual discrepancy panels need to be installed</i>			Entered By: <i>[Signature]</i>
Corrective Action:	<i>Installed all cable and inspection panels as needed for post inspection.</i>	Hours: <i>0</i>	Corrected By: <i>[Signature]</i>	Final Inspection: <i>[Signature]</i> RII: <i>[Signature]</i>

No.	Name	Date	Hours	No.	Name	Date	Hours	No.	Name	Date	Hours

[illegible]

Form CRS-02

Date Revised: 11/30/2011

* Kathy per Rick rounded up on small hardware to help with misc. price in case we missed mark

	50	100	200	Spl Insp
LANDING GEAR (CONT.)				
6. Nose and Main Gear Retracting Linkage - Check for condition				
7. Drive Tube Seals - Check for security, position and wear				
8. Shock Strut Servicing - Check for proper servicing				
9. Nose Gear Shimmy Dampener - Check fluid and condition	*			
10. Nose Wheel Steering System - Check cable tension, travel and gimbal for condition and mounting bolts for proper torque				
11. Nose and Main Wheels and Tires - Check wear, condition and tire pressure				11
12. Wheel Bearings - Check and repack				5
13. Brake System Plumbing - Check for leaks, hoses for bulges and deterioration, parking brake for operation				
14. Brake Assemblies - Check wear of lining and disc warpage				
15. Master Cylinders - Check fluid level				
FLIGHT CONTROLS				
1. Control Column - Check for security, looseness, wear and proper rig				
2. Aileron - Check hinge, bellcrank, stop bolt for looseness and/or jamb nut for being tight, linkage and bolt for condition, operation and security, and travel				
3. Aileron Trim Tab - Check hinge for cracks, wear; bolts for proper safety and tab travel				
4. Aileron Trim Tab Actuator - Check travel linkage for condition and security				
5. Aileron and Aileron Trim Cables - Check for tension, fraying and turnbuckles for safety - Check pulleys for condition and security				
6. Elevator - Check hinges and hinge bolts, bellcranks and push rod connecting bolt and stop bolts for security and condition				
7. Elevator Trim Tab - Check hinge for cracks, wear, bolt for proper safety and tab travel				
8. Elevator Trim Tab Actuator - Check travel, condition and security				
9. Elevator and Elevator Trim Tab Cables - Check tension, fraying and turnbuckles for safety - Check pulleys for condition and security				
10. Electric Elevator Trim - Check for security, condition, travel and travel time				
11. Rudder - Check hinge, bellcrank, stop bolts and jamb nut for looseness, torque tube and connector links for security and safety; check travel				
12. Rudder Trim Tab - Check security and condition, linkage and travel				
13. Rudder Trim Tab Actuator - Check travel, mountings for security				
14. Rudder and Rudder Trim Tab Cables - Check tension, fraying and turnbuckles for safety - Check pulleys for condition and security				
15. Flaps - Check linkage, bellcranks, pulleys and cables for condition, tension and security - Check hinges for cracks				
16. Flap Motor and Position Indicator - Check for travel, condition and security				
17. Flap Actuator Assembly - Check for condition, security, and specification compliance				
18. Autopilot (Optional Equipment) - Check cables, attachments, pulleys and turnbuckles for tension, condition, operation and security				
ENGINE GROUP				
CAUTION				
Ground magneto primary circuit before working on the engine.				
1. Engine - Wash, check for security of accessories				

Figure 2-5. Inspection Chart (Sheet 2)

	50	100	200	Spl Insp
ELECTRICAL SYSTEM (CONT.)				
13. Instrument Panel Bonding - Check bonding between stationary panel and shock mounted panel. Resistance cannot be greater than 0.01 ohms				13
14. Emergency Locator Transmitter - Check for condition and security, operation and battery pack for proper charge				
15. Warning Lamps - Check condition				
16. Starter Relay - Inspect contact area				
17. Transponder - Check as required in accordance with FAR-43, Appendix "F" by Authorized Repair Station				
18. Autopilot - Inspect in accordance with applicable Autopilot or IFCS Service/Parts Manual				
19. Antenna - Check mounting and security				
POST INSPECTION				
1. Correct all discrepancies, replace all fairings, doors and access hole covers				
2. Ground check engine, check ignition drop, alternator charging rate, oil pressure and general operation of components				
SERVICE LETTERS				
1. Check that all applicable Cessna Service Letters and Service Bulletins are complied with				
2. Check that all applicable current airworthiness regulations are complied with				

Figure 2-5. Inspection Chart (Sheet 6)

8/31/16

N 836 GW

Mark

Bulman

1977

C 402 B

402 B 1242

T CM + 510-520 B (L) 182365-73 E-R

(R) 182957-R

~~McCauley 3AF32C 87 582NC-5.5~~

McCauley 3AF32C-NR/582NC-5.5

L) 766 594

3AF32C 87-582NC-5.5

R) 773 546

123.7 Ho

969.7 1kater Ho

4928.3 TAT

898.1 5molt LT eng

1127.2 5molt RT eng

898.1 5molt LT prop

74.1 5molt RT prop

? 91.411

? 91.413

X 91.207

X 12LT battery 3/16

? oil

(55-2)

- Heater O/H due @ 1000 hours 40

* 2005-12-12 Cessna wing spar ^{per (2)} cup
✓ 2000-01-16 ^{exh.} par e. pro tail
✓ 2000-01-16 par g - 6/14 exh. due 8/16
Rt eng

✓ 2000-01-16 par c - insp tail pipe
? check logs ~~for~~ for O/H of Ltr & r
exh systems for par g of AD
* 2000-01-16 exh. par b

? Check O/H dates for Ltr ~~eng~~
Rt exh systems

29-10-13 par A due @ 1000 hrs
par B due @ 400 hrs