

N866CD LOGOOK 2

**AIRCRAFT LOG**  
**AF5-1**





# AIRWORTHINESS DIRECTIVE/FACTORY BULLETIN COMPLIANCE RECORD

A.D./BULL. NUMBER	ITEM AFFECTED	DATE & HRS. AT COMP.	METHOD OF COMPLIANCE	TYPE OF A.D. 1 TIME/RECUR.	NEXT COMP. DATE/HRS./CYCLE	AUTHORIZED SIGNATURE CERTIFICATE NO.
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**PUNTA GORDA (PGD)**  
 Charlotte County Airport  
 27220 Airport Rd, Bldg. 211  
 Punta Gorda, FL 33982



Date: 09/25/2019 N866CD S/N: 1235 Hobbs: 856.3 FLT: 91.0

Reported flight time counter inop. Found defective pitot pressure switch due to system moisture. R+R pressure switch with new P/N 0503DC. Ops check, satisfactory.

Aron Gober A+P 3349462

A.D./BULL. NUMBER  
12/15/20

2/8/21

12/4/20	876	2 Hobbs	106.0 FLT			
			Removed	GMA 340 Audio Panel	P/N 011-00401-10	
				S/N 96261956	INSTALL GMA 345	
				P/N 010-D1319-01	S/N 3Z0009769	
				ops checked good		
				Raymond L. Lerner	3220813 A	
				Raymond L. Lerner		



## AIRWORTHINESS DIRECTIVE/FACTORY BULLETIN COMPLIANCE RECORD

A.D./BULL. NUMB.	ITEM	DATE & HRS.	METHOD OF COMPLIANCE	TYPE OF A.D.	NEXT COMP.	AUTHORIZED SIGNATURE
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**3200 airport west drive  
Vero Beach FL, 32960**

### Maintenance, Inc.

DATE	<u>5/28/2021</u>	N#	<u>866CD</u>	A/C S/N	<u>1235</u>
HM	<u>911.9</u>	TT	<u>911.9</u>	TSMOH	

RESEARCHED AD NOTES THROUGH 2021-11, C/W AD 08-11-18 EXHAUST HEAT EXCHANGER INSPECTION. NEXT DUE AT 1011 AFTT. REPLACED ELT E-01 WITH DIRECT REPLACEMENT E-04 INSPECTED ELT IAW FAR 91.207(d), BATTERY EXPIRES 3/25/2026. REPLACED INDUCTION AIR FILTER B-24, REPLACED REBOUND BUMPERS ON NOSE GEAR, REPLACED MISSING SCREWS IN GLARSHIELD AND REPLACED CONSOLE COVER WITH NEW, REPLACED LEFT AND RIGHT CABIN ENTRANCE DOOR SPRINGS WITH NEW P/N 18200-005, REMOVED ALL WHEEL AND REPACKED WHEEL BEARINGS, REPLACED RIGHT WHEEL SPACER WITH NEW P/N 11575-001, REATTACHED RIGHT REAR ARM REST. LUBED ALL CONTROLS, TEST RAN ENGINE CONDUCTED SYSTEMS TEST OPS CHECK OK.

I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A ANNUAL INSPECTION AND HAS BEEN DETERMINED TO BE IN AN AIRWORTHY CONDITION AS OF THIS DATE.  
 EVAN LOBDELL A&P3315530IA





Altitude Tests Work Sheet

Sarasota Avionics, Inc. Date: 8/5/21 Barometric Press: 30.07  
 Work Order: 47483 A/C No: 5934D-3 S/N: 426360  
 Static Leak Test Date: 8/5/21 Alt. No: N/A S/N: N/A  
 W/ Number: N46661 Pressure Altitude Difference Copilot

Pressure Inches of Hg	Pilot	Altitude Difference (Feet)	Copilot
28.32	-3	-2727	
28.30	-10	-1840	
28.30	+3	463	N
28.30	-9	-892	A
28.30	0	0	
28.30	-1	631	
28.30	-7	898	
28.30	-4	974	

**Scale Error Test**

Altitude Feet	Pilot Error	Tolerance Feet	Copilot Error
-1000	+10	30	
0	0	30	
500	0	30	
1000	0	30	
1500	0	30	
2000	0	30	
2500	0	30	
3000	0	30	
3500	0	30	
4000	0	35	
4500	0	40	
5000	0	45	
5500	0	50	
6000	0	55	
6500	0	60	
7000	0	65	
7500	0	70	
8000	0	75	
8500	+10	80	
9000	+20	80	
9500	+20	100	N
10000	+30	110	
10500	+30	120	
11000	+30	130	
11500	+30	140	
12000	+30	150	
12500	+30	160	
13000	+30	170	
13500	+30	180	
14000	+30	190	
14500	+30	200	
15000	+30	210	
15500	+30	220	
16000	+30	230	
16500	+30	240	
17000	+30	250	
17500	+30	260	
18000	+30	270	
18500	+30	280	
19000	+30	285	
19500	+30	290	
20000	+30	295	
20500	+30	300	

**Mode C correspondence - Error corrected to 28.92 inches of Hg**

Altitude - Feet	System 1	Error	System 2
0		+125	
2000	N	125	N
3000	A	125	A
4000		+25	

**Unit 1** (Transponder, S/N, Regulator, Power) and **Unit 2** (Magnetometer, S/N, Regulator, Power) data.

Tested By: Steve K. Place Date: 8/5/2021



itude Gyro (PN:5000B-72 ((11149-015-11))  
 L SN:4204), Flux Detector (PN:FD01-0301-1  
 tallied GMU11 (PN:011-04349-01  
 YG003742), GAD 29B (PN:011-03236-11  
 F7962204), G5 HSI (PN:011-03809-00  
 SN:4JQ051517) in accordance with installation  
 minor installation, installed M800 Clock in  
 authorization from Davtron Letter 100S-GA-  
 it identified above was done in accordance with  
 tion and was found approved for return to service

Avionics Inc. CRS SQD632X



vacuum Gage P/N 3-200-12, Manifold P/N 1H5-28, and Regulator P/N 2H3-12 due to avionics upgrade. Installed blank  
 out plate on vacuum pump drive hole. Removed vacuum system related piping. Vacuum system no longer needed due to  
 upgrade avionics install. Completed Weight and Balance change form in Pilots Operating Handbook.

Aron Gober A+P 3349462

A.D./BULL.  
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Sarasota Avionics PGD  
 27220 Airport Rd, Bldg #211  
 Punta Gorda, FL 33982  
 Date: 8/11/2021 Work Order: 407473  
 N866CD Cirrus SR20 S/N:1235 HOBBS: 921.4

A.D./BULL  
 NUMBER

Removed Davtron Clock (PN:803 SN:07124), Attitude Gyro (PN:5000B-72 ((11149-015-11)) SN:T80408Q), Sandel SN3308 (PN:SN3308-00-BL SN:4204), Flux Detector (PN:FD01-0301-1 SN:7874), and OAT Probe (PN: N/A SN:N/A). Installed GMU11 (PN:011-04349-01 SN:56J027137), GAD 13 (PN:011-04938-00 SN:5YG003742), GAD 29B (PN:011-03236-11 SN:5DL015697), GTP 59 (PN:011-00978-00 SN:47962204), G5 HSI (PN:011-03809-00 SN:4JQ051478), and G5 ADI (PN:011-03809-00 SN:4JQ051517) in accordance with installation Manual 190-01112-10 per STC SA01818WI. As a minor installation, installed M800 Clock in accordance with Drawing Number 800-005 with authorization from Davtron Letter 100S-GA-10-53.

I certify all work done to the aircraft and/or component identified above was done in accordance with current regulations of the Federal Aviation Administration and was found approved for return to service with respect to the work performed.

*Sam J. Kruit*

, for Sarasota Avionics Inc. CRS S0QD632X

**PUNTA GORDA (PGD)**  
 Charlotte County Airport  
 27220 Airport Rd, Bldg.211  
 Punta Gorda, FL 33982



Date: 08/11/2021 N866CD S/N: 1235 Hobbs: 922.0 FLT: 136 7

Removed Vacuum system pump P/N RAP215CC S/N A59582, Electric Aux Vacuum pump P/N AA4A2-1 S/N 28V-10025, Vacuum Gage P/N 3-200-12, Manifold P/N 1H5-28, and Regulator P/N 2H3-12 due to avionics upgrade. Installed blank out plate on vacuum pump drive hole. Removed vacuum system related piping. Vacuum system no longer needed due to upgrade avionics install. Completed Weight and Balance change form in Pilots Operating Handbook.

Aron Gober A+P 3349462

*Aron Gober*

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## AIRWORTHINESS DIRECTIVE/FACTORY BULLETIN COMPLIANCE RECORD

A.D./BULL.	ITEM	DATE & HRS.	METHOD OF	TYPE OF A.D.	NEXT COMPL.
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Corporate Air



Maintenance, Inc.

3200 airport west drive  
Vero Beach FL, 32960

DATE	<u>6/23/2022</u>	N#	<u>866CD</u>	A/C S/N	<u>1235</u>
HM	<u>977.6</u>	TT	<u>977.6</u>	TSMOH	

RESEARCHED AD NOTES THROUGH 2022-13, C/W AD 08-11-18 EXHAUST HEAT EXCHANGER INSPECTION. NEXT DUE AT 1011 AFTT. INSPECTED ELT IAW FAR 91.207(d) BATTERY EXPIRES 3/2026, REPLACED INDUCTION AIR FILTER B-24, REPLACED MAIN TIRES AND TUBES WITH NEW 15X6 6 PLY. REPLACED NOSE TIRE AND TUBE WITH NEW 5.00-5 6 PLY. REPACKED ALL WHEEL BEARINGS. CHECK BRAKE TEMPERATURE LABELS FOUND TO OK. REPLACED RIGHT NAV LIGHT BULB WITH NEW P/N 34-0248070-64. REPLACED #2 ALTERNATOR WITH NEW ES4029, C/W ALTERNATOR CLUTCH INSPECTION IAW SB95-3B. SENT ARM REST OUT FOR RECOVERING REINSTALLED WITH SAME HARDWARE. INSTALLED GAMI FUEL INJECTORS IAW STC SE09963SC. SEE 337 DATED 6/23/2022. LUBED ALL CONTROLS, HINGES AND PULLIES. TEST RAN ENGINE CONDUCTED A SYSTEM CHECK FOUND OK.

I CERTIFY THAT THIS AIRCRAFT \_\_\_\_\_ HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND HAS BEEN DETERMINED TO BE IN AN AIRWORTHY CONDITION AS OF THIS DATE.  
 EVAN LOBDELL A&P3315530IA

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3200 airport west drive  
Vero Beach FL, 32960

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ALTIMETER & STATIC SYSTEM CHECKS

F.A.R. 91.411

**Corporate Air**




**3200 airport west drive  
Vero Beach FL, 32960**

**Maintenance, Inc.**

DATE 7/20/2023 N# 866CD A/C S/N 1235  
HM 989.5 TT 989.5 TSMOH \_\_\_\_\_

RESEACHED AD NOTES THROUGH 2023-14, C/W AD 08-11-18 EXHAUST HEAT EXCHANGER INSPECTION.  
NEXT DUE AT 1089 AFTT. INSPECTED ELT IAW FAR 91.207(d) BATTERY EXPIRES 3/2026, REPLACED  
INDUCTION AIR FILTER B-24, REPLACED BRAKE LININGS P/N 066-014100, INSPECTED TEMPERATURE  
DECALS FOUND OK. REPACKED ALL WHEEL BEARINGS. SERVICED BRAKE HYDRAULIC FLUID.  
AD23-05-16 COUNTER WEIGHT RETAINING RINGS DOES NOT APPLY DUE TO HOURS ON ENGINE.  
LUBED ALL CONTROLS, HINGES AND PULLIES. TEST RAN ENGINE CONDUCTED A SYSTEM CHECK. OPS  
CHECK OK.

I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A ANNUAL  
INSPECTION AND HAS BEEN DETERMINED TO BE IN AN UNAIRWORTHY CONDITION DUE TO THE  
FOLLOWING DISCREPANCY, PARACHUTE IS OUT OF DATE. A FERRY PERMIT HAS BEE ISSUED FOR A  
ONE TIME FLIGHT FROM KYRB TO KSGJ VIA DIRECT WHERE THIS DISCREPANCY CAN BE COMPLIED WITH.  
EVAN LOBDELL  A&P3315530IA






Corporate Air



3200 airport west drive  
Vero Beach FL, 32960

Maintenance, Inc.

DATE 9/20/2023 N# 866CD A/C S/N 1235  
HM 992.9 TT 992.9 TSMOH

FOUND ANNUNCIATOR PANEL CONTINUED TO REMAIN ON AFTER BATTERY MASTER WAS TURNED OFF.  
TROUBLE-SHOT SYSTEM FOUND DIODE CR621 P/N MR750 TO HAVE CONTINUITY BOTH WAYS.  
REPLACED DIODE, OPS CHECK OK.  
REPLACED #3 CHT PROBE WITH NEW P/N 14880-001, TEST RAN ENGINE OPS CHECK OK.  
FOUND COCKPIT FIRE EXTINGUISHER EMPTY, REPLACED WITH NEW P/N RT-A400.

EVAN LOBDELL

A&P3315530

Corporate Air



3200 airport west drive  
Vero Beach FL, 32960

Maintenance, Inc.

DATE 11/2/2023 N# 866CD A/C S/N 1235  
HM 995.1 TT 995.1 TSMOH

#2 AND #3 CHT PROBES INTERMITTENT, FOUND WIRES CHAFFING, RPAIRED WIRING TEST RAN  
ENGINE OPS CHECK OK

EVAN LOBDELL

A&P3315530