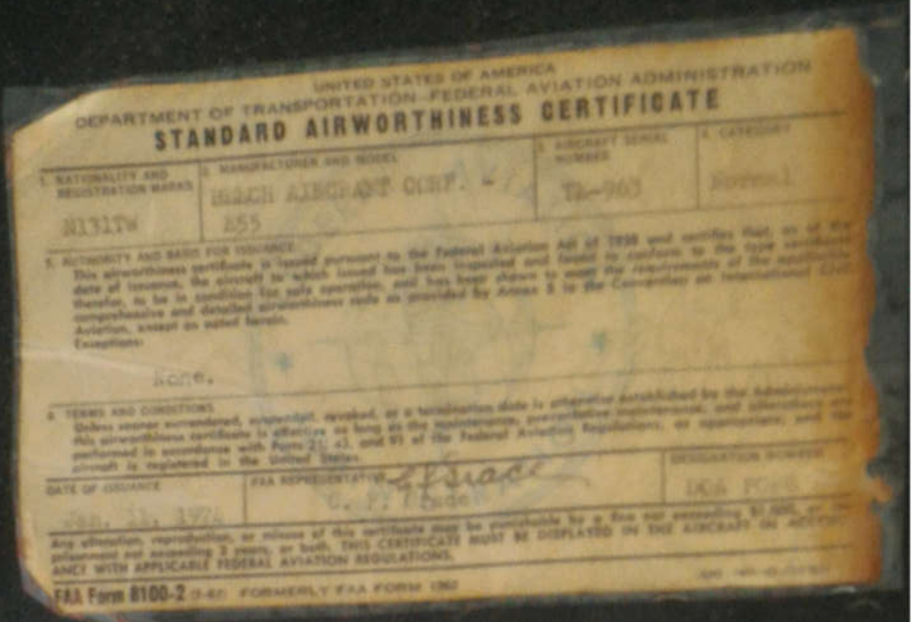


UNITED STATES OF AMERICA
DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

STANDARD AIRWORTHINESS CERTIFICATE

1. NATIONALITY AND REGISTRATION MARKS	2. MANUFACTURER AND MODEL	3. AIRCRAFT SERIAL NUMBER	4. CATEGORY
N131TW	BEECH AIRCRAFT CORP. E55	TE-963	Normal

5. AUTHORITY AND BASIS FOR ISSUANCE
This airworthiness certificate is issued pursuant to the Federal Aviation Act of 1958 and certifies that, as of the date of issuance, the aircraft to which issued has been inspected and found to conform to the type certificate therefor, to be in condition for safe operation, and has been shown to meet the requirements of the applicable comprehensive and detailed airworthiness code as provided by Annex 8 to the Convention on International Civil Aviation, except as noted herein.
Exceptions:

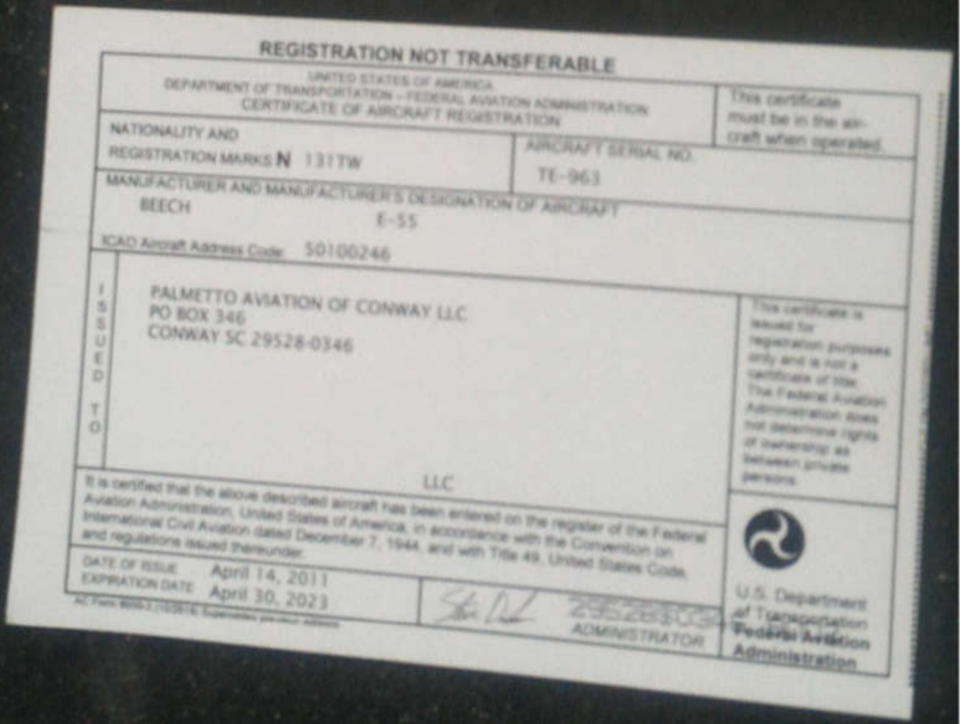
None.

6. TERMS AND CONDITIONS
Unless sooner surrendered, suspended, revoked, or a termination date is otherwise established by the Administrator, this airworthiness certificate is effective as long as the maintenance, preventative maintenance, and alterations are performed in accordance with Parts 21, 43, and 91 of the Federal Aviation Regulations, as appropriate, and the aircraft is registered in the United States.

DATE OF ISSUANCE	FAA REPRESENTATIVE	DESIGNATION NUMBER
Jan. 11, 1974	C. F. [illegible]	[illegible]

Any alteration, reproduction, or misuse of this certificate may be punishable by a fine not exceeding $1,000, or imprisonment not exceeding 3 years, or both. THIS CERTIFICATE MUST BE DISPLAYED IN THE AIRCRAFT IN ACCORDANCE WITH APPLICABLE FEDERAL AVIATION REGULATIONS.

FAA Form 8100-2 (7-67) FORMERLY FAA FORM 1362



REGISTRATION NOT TRANSFERABLE

UNITED STATES OF AMERICA
DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
CERTIFICATE OF AIRCRAFT REGISTRATION

This certificate must be in the aircraft when operated.

NATIONALITY AND REGISTRATION MARKS **N** 131TW

AIRCRAFT SERIAL NO. TE-963

MANUFACTURER AND MANUFACTURER'S DESIGNATION OF AIRCRAFT
BEECH E-55

ICAO Aircraft Address Code 50100246

ISSUED TO

PALMETTO AVIATION OF CONWAY LLC
PO BOX 346
CONWAY SC 29528-0346

LLC

This certificate is issued for registration purposes only and is not a certificate of title. The Federal Aviation Administration does not determine rights of ownership as between private persons.

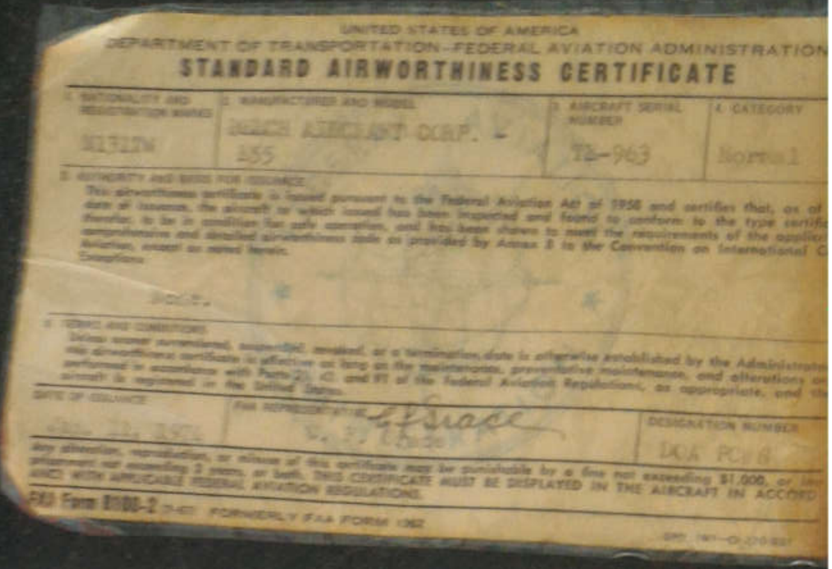
It is certified that the above described aircraft has been entered on the register of the Federal Aviation Administration, United States of America, in accordance with the Convention on International Civil Aviation dated December 7, 1944, and with Title 49, United States Code, and regulations issued thereunder.

DATE OF ISSUE April 14, 2011
EXPIRATION DATE April 30, 2023

[illegible]
ADMINISTRATOR

U.S. Department of Transportation
Federal Aviation Administration

AC Form 8050-3 [illegible] Supersedes previous edition



UNITED STATES OF AMERICA
DEPARTMENT OF TRANSPORTATION—FEDERAL AVIATION ADMINISTRATION

STANDARD AIRWORTHINESS CERTIFICATE

1. NATIONALITY AND REGISTRATION MARKS	2. MANUFACTURER AND MODEL	3. AIRCRAFT SERIAL NUMBER	4. CATEGORY
N131TW	BEECH AIRCRAFT CORP. E55	TE-963	Normal

5. AUTHORITY AND BASIS FOR ISSUANCE
This airworthiness certificate is issued pursuant to the Federal Aviation Act of 1958 and certifies that, as of
date of issuance, the aircraft to which issued has been inspected and found to conform to the type certifi
therefor, to be in condition for safe operation, and has been shown to meet the requirements of the applica
comprehensive and detailed airworthiness code as provided by Annex 8 to the Convention on International C
Aviation, except as noted herein.
Exceptions:

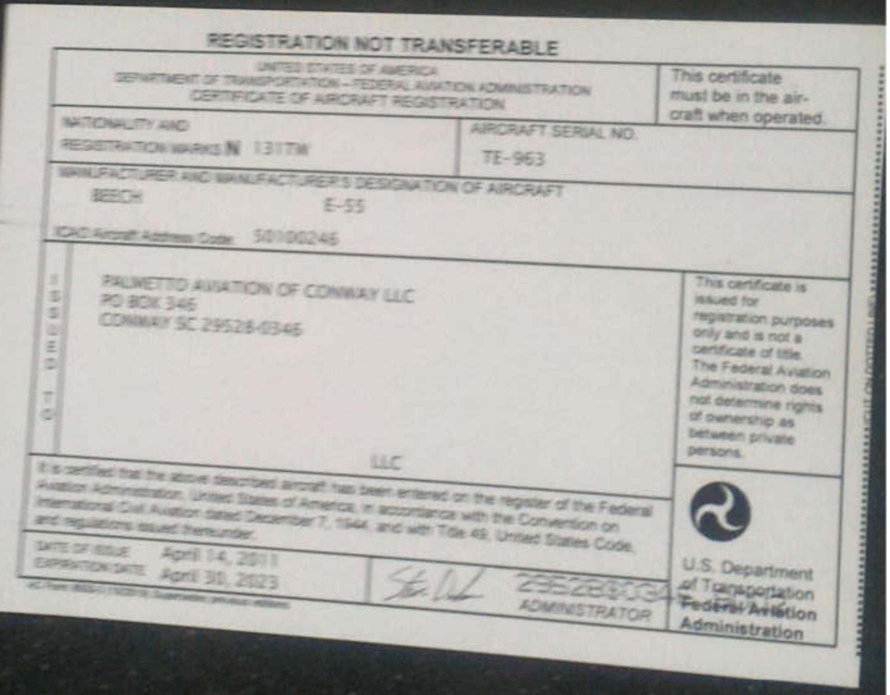
None.

6. TERMS AND CONDITIONS
Unless sooner surrendered, suspended, revoked, or a termination date is otherwise established by the Administrato
this airworthiness certificate is effective as long as the maintenance, preventative maintenance, and alterations a
performed in accordance with Parts 21, 43, and 91 of the Federal Aviation Regulations, as appropriate, and th
aircraft is registered in the United States.

DATE OF ISSUANCE	FAA REPRESENTATIVE	DESIGNATION NUMBER
[illegible]	[illegible]	DOA PC 8

Any alteration, reproduction, or misuse of this certificate may be punishable by a fine not exceeding $1,000, or im
prisonment not exceeding 3 years, or both. THIS CERTIFICATE MUST BE DISPLAYED IN THE AIRCRAFT IN ACCORD
ANCE WITH APPLICABLE FEDERAL AVIATION REGULATIONS.

FAA Form 8100-2 (7-67) FORMERLY FAA FORM 1362



REGISTRATION NOT TRANSFERABLE

UNITED STATES OF AMERICA
DEPARTMENT OF TRANSPORTATION—FEDERAL AVIATION ADMINISTRATION
CERTIFICATE OF AIRCRAFT REGISTRATION

This certificate must be in the aircraft when operated.

NATIONALITY AND REGISTRATION MARKS **N** 131TW

AIRCRAFT SERIAL NO. TE-963

MANUFACTURER AND MANUFACTURER'S DESIGNATION OF AIRCRAFT
BEECH E-55

ICAO Aircraft Address Code: 50100246

ISSUED TO

PALMETTO AVIATION OF CONWAY LLC
PO BOX 346
CONWAY SC 29528-0346

LLC

This certificate is issued for registration purposes only and is not a certificate of title. The Federal Aviation Administration does not determine rights of ownership as between private persons.

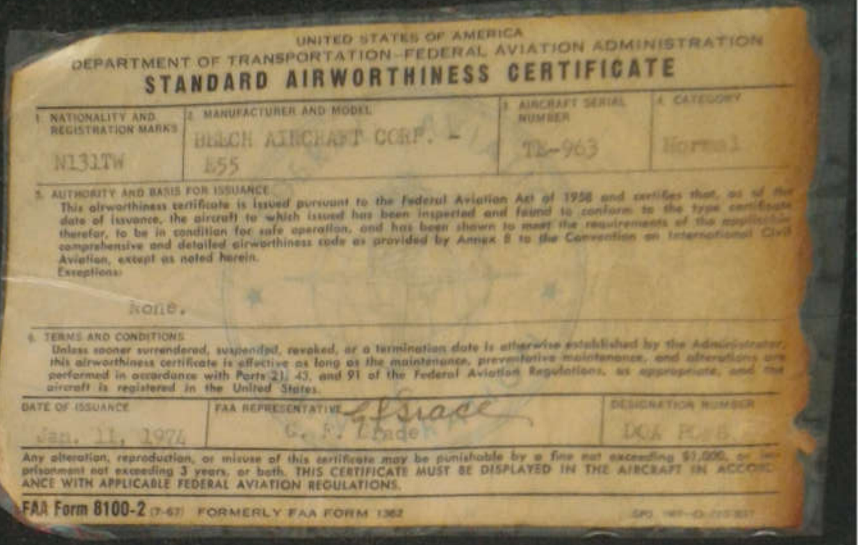
It is certified that the above described aircraft has been entered on the register of the Federal Aviation Administration, United States of America, in accordance with the Convention on International Civil Aviation dated December 7, 1944, and with Title 49, United States Code, and regulations issued thereunder.

DATE OF ISSUE: April 14, 2011
EXPIRATION DATE: April 30, 2023

2952880034

ADMINISTRATOR

U.S. Department of Transportation
Federal Aviation Administration



UNITED STATES OF AMERICA
DEPARTMENT OF TRANSPORTATION–FEDERAL AVIATION ADMINISTRATION

STANDARD AIRWORTHINESS CERTIFICATE

1. NATIONALITY AND REGISTRATION MARKS	2. MANUFACTURER AND MODEL	3. AIRCRAFT SERIAL NUMBER	4. CATEGORY
N131TW	BEECH AIRCRAFT CORP. – E55	TE-963	Normal

5. AUTHORITY AND BASIS FOR ISSUANCE
This airworthiness certificate is issued pursuant to the Federal Aviation Act of 1958 and certifies that, as of the date of issuance, the aircraft to which issued has been inspected and found to conform to the type certificate therefor, to be in condition for safe operation, and has been shown to meet the requirements of the applicable comprehensive and detailed airworthiness code as provided by Annex 8 to the Convention on International Civil Aviation, except as noted herein.
Exceptions:

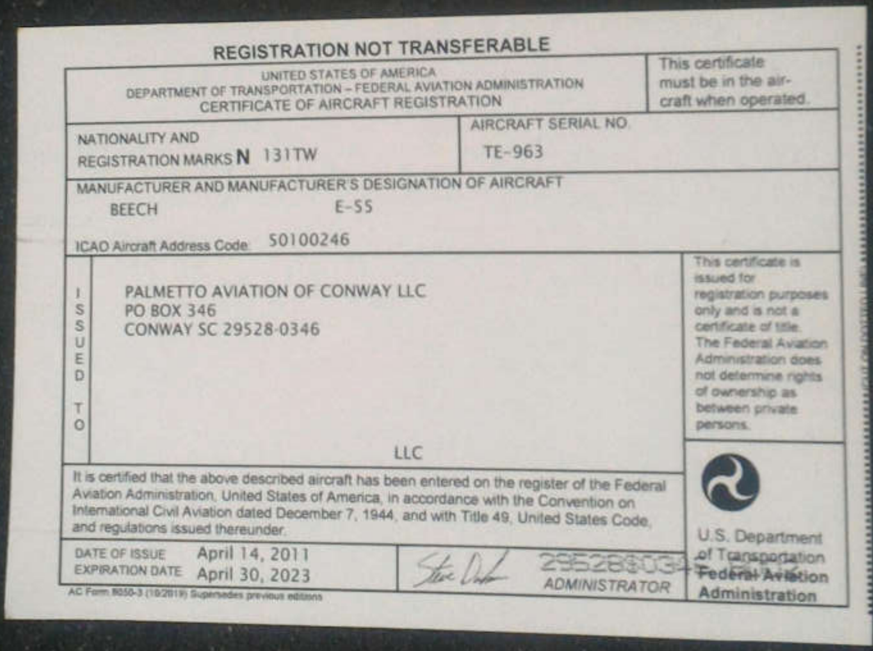
None.

6. TERMS AND CONDITIONS
Unless sooner surrendered, suspended, revoked, or a termination date is otherwise established by the Administrator, this airworthiness certificate is effective as long as the maintenance, preventative maintenance, and alterations are performed in accordance with Parts 21, 43, and 91 of the Federal Aviation Regulations, as appropriate, and the aircraft is registered in the United States.

DATE OF ISSUANCE	FAA REPRESENTATIVE	DESIGNATION NUMBER
Jan. 11, 1974	G F Grace G. F. Grace	DOA PC-8

Any alteration, reproduction, or misuse of this certificate may be punishable by a fine not exceeding $1,000, or imprisonment not exceeding 3 years, or both. THIS CERTIFICATE MUST BE DISPLAYED IN THE AIRCRAFT IN ACCORDANCE WITH APPLICABLE FEDERAL AVIATION REGULATIONS.

FAA Form 8100-2 (7-67) FORMERLY FAA FORM 1362



REGISTRATION NOT TRANSFERABLE

UNITED STATES OF AMERICA
DEPARTMENT OF TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION
CERTIFICATE OF AIRCRAFT REGISTRATION

This certificate must be in the aircraft when operated.

NATIONALITY AND REGISTRATION MARKS **N** 131TW	AIRCRAFT SERIAL NO. TE-963

MANUFACTURER AND MANUFACTURER'S DESIGNATION OF AIRCRAFT
BEECH E-55

ICAO Aircraft Address Code 50100246

ISSUED TO

PALMETTO AVIATION OF CONWAY LLC
PO BOX 346
CONWAY SC 29528-0346

LLC

This certificate is issued for registration purposes only and is not a certificate of title. The Federal Aviation Administration does not determine rights of ownership as between private persons.

It is certified that the above described aircraft has been entered on the register of the Federal Aviation Administration, United States of America, in accordance with the Convention on International Civil Aviation dated December 7, 1944, and with Title 49, United States Code, and regulations issued thereunder.

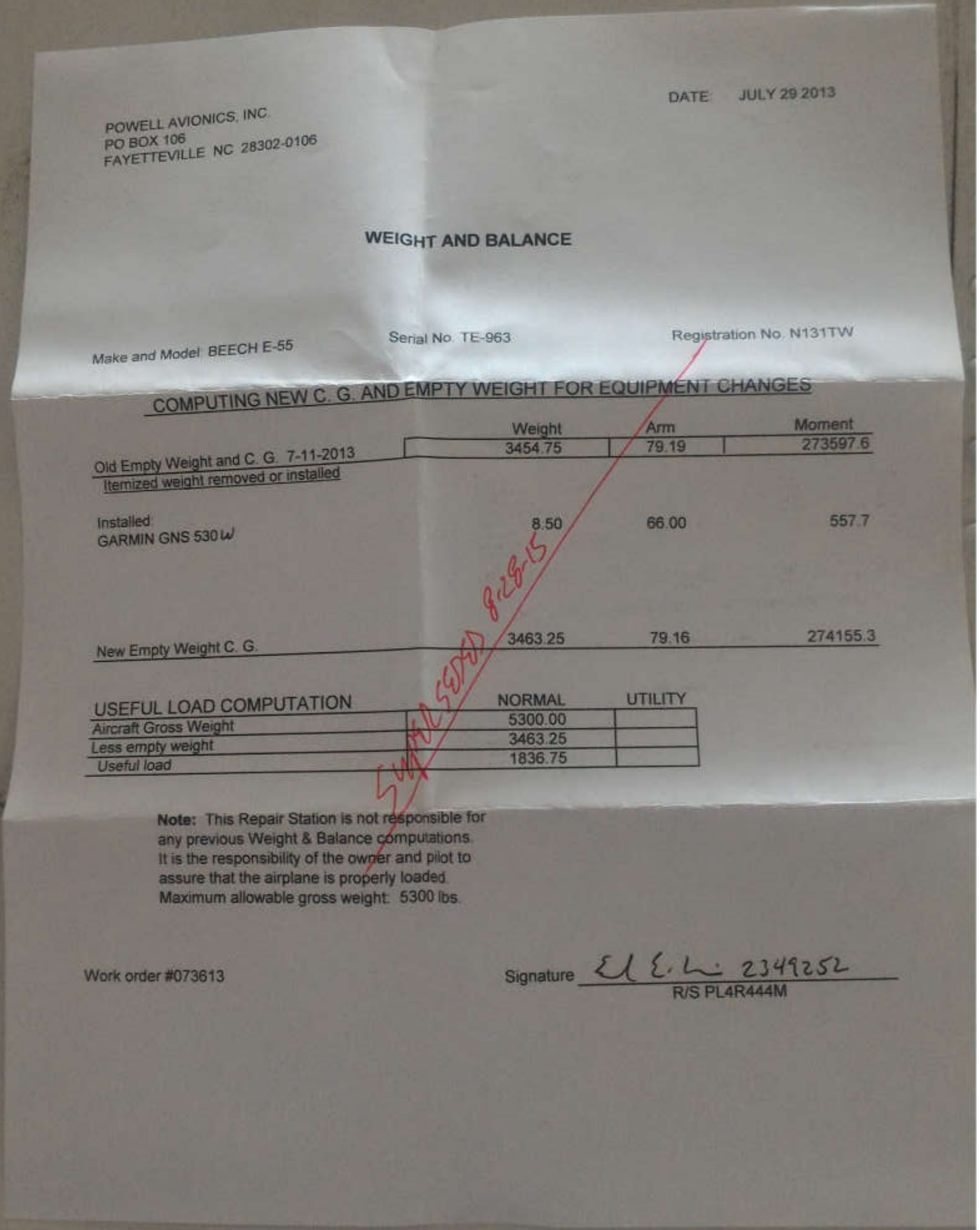
DATE OF ISSUE April 14, 2011
EXPIRATION DATE April 30, 2023

Steve Dickson
ADMINISTRATOR

2952880346

U.S. Department of Transportation
Federal Aviation Administration

AC Form 8050-3 (10/2019) Supersedes previous editions



POWELL AVIONICS, INC.
PO BOX 106
FAYETTEVILLE NC 28302-0106

DATE: JULY 29 2013

WEIGHT AND BALANCE

Make and Model: BEECH E-55
Serial No. TE-963
Registration No. N131TW

COMPUTING NEW C. G. AND EMPTY WEIGHT FOR EQUIPMENT CHANGES

	Weight	Arm	Moment
Old Empty Weight and C. G. 7-11-2013	3454.75	79.19	273597.6
Itemized weight removed or installed			
Installed: GARMIN GNS 530W	8.50	66.00	557.7
New Empty Weight C. G.	3463.25	79.16	274155.3

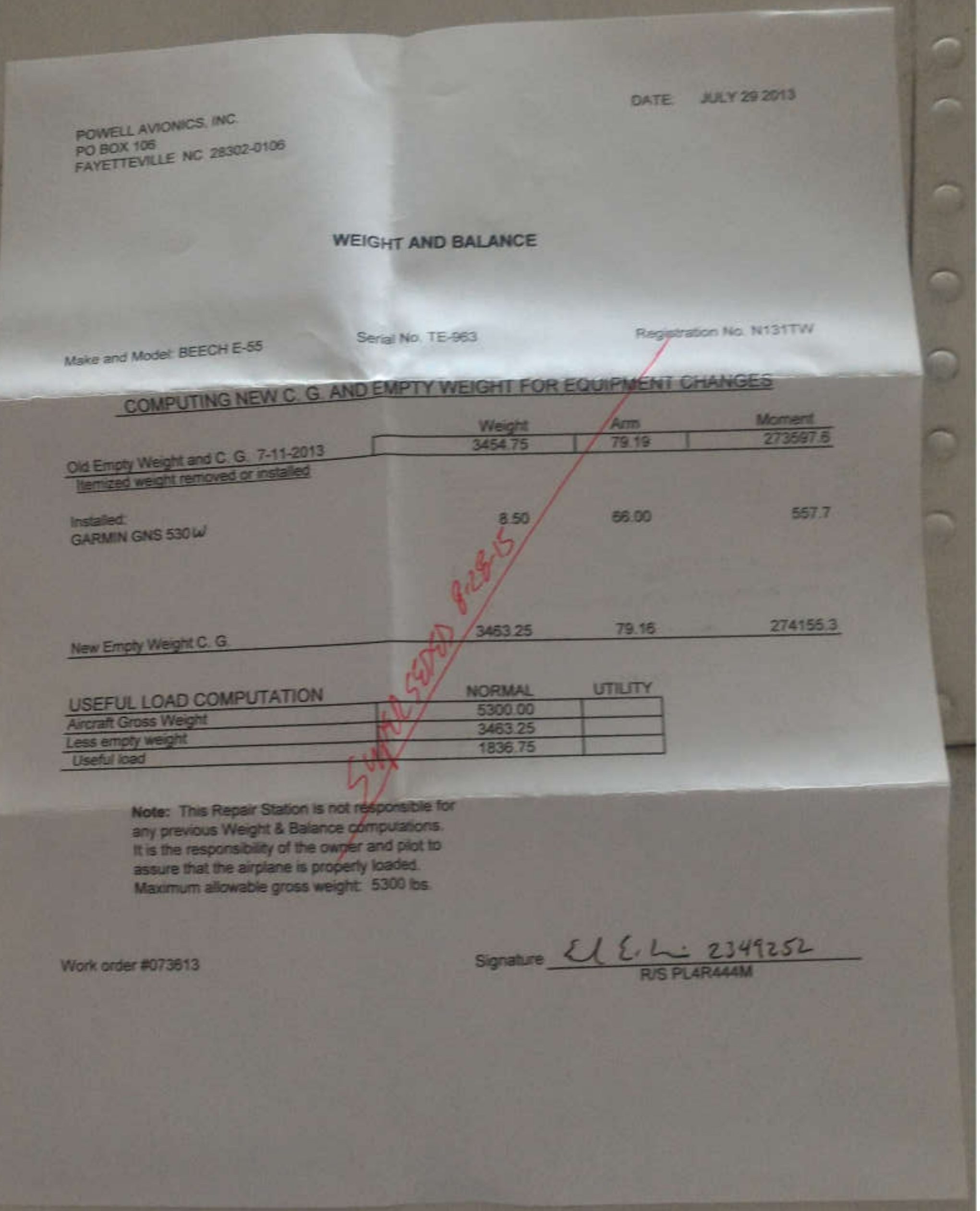
USEFUL LOAD COMPUTATION	NORMAL	UTILITY
Aircraft Gross Weight	5300.00	
Less empty weight	3463.25	
Useful load	1836.75	

SUPERSEDED 8-28-15

Note: This Repair Station is not responsible for any previous Weight & Balance computations. It is the responsibility of the owner and pilot to assure that the airplane is properly loaded. Maximum allowable gross weight: 5300 lbs.

Work order #073613

Signature 2349252
R/S PL4R444M



POWELL AVIONICS, INC.
PO BOX 106
FAYETTEVILLE NC 28302-0106

DATE: JULY 29 2013

WEIGHT AND BALANCE

Make and Model: BEECH E-55

Serial No. TE-963

Registration No. N131TW

COMPUTING NEW C. G. AND EMPTY WEIGHT FOR EQUIPMENT CHANGES

	Weight	Arm	Moment
Old Empty Weight and C. G. 7-11-2013	3454.75	79.19	273597.6
Itemized weight removed or installed			
Installed: GARMIN GNS 530 W	8.50	66.00	557.7
New Empty Weight C. G.	3463.25	79.16	274155.3

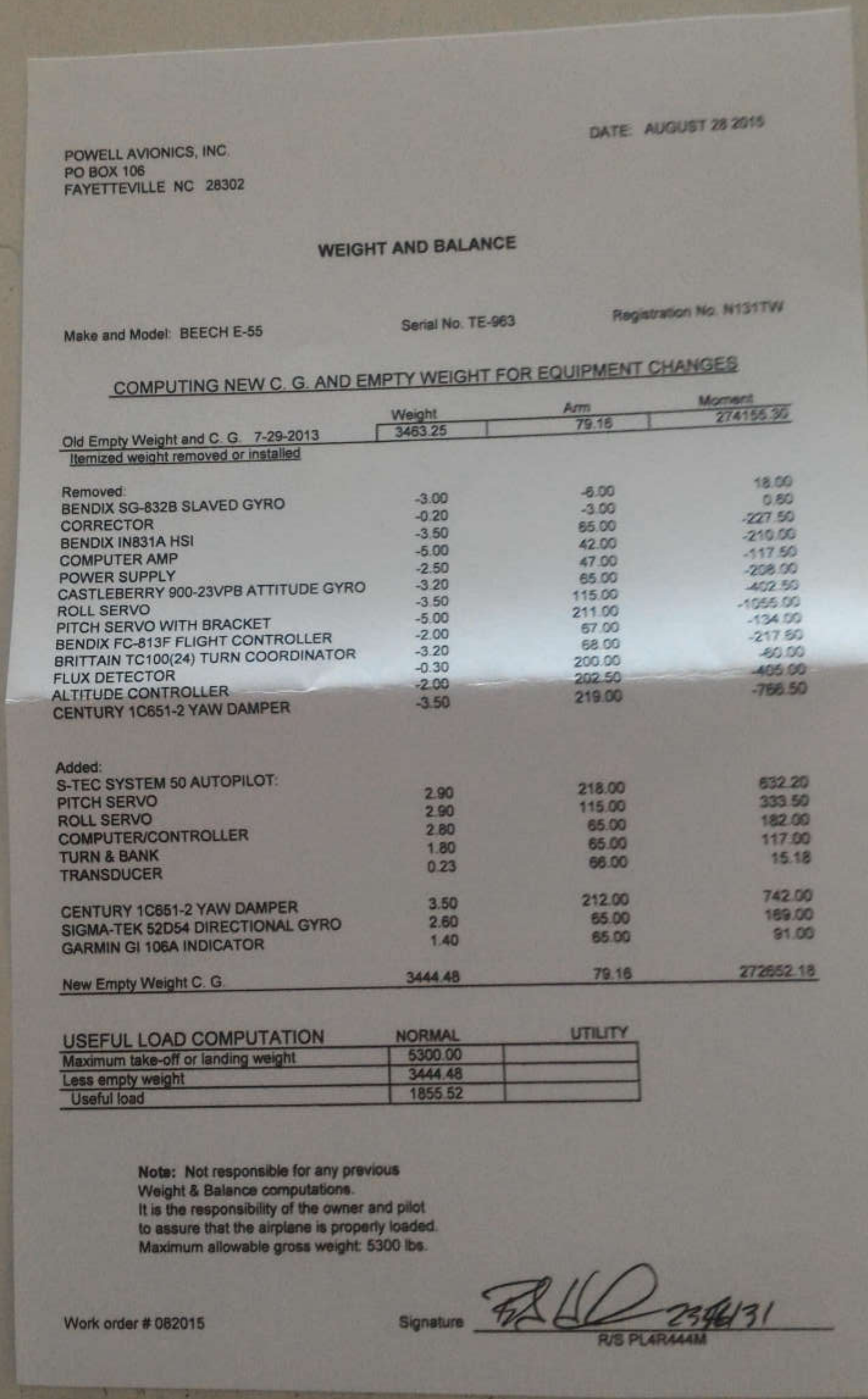
SUPERSEDED 8-28-15

USEFUL LOAD COMPUTATION	NORMAL	UTILITY
Aircraft Gross Weight	5300.00	
Less empty weight	3463.25	
Useful load	1836.75	

Note: This Repair Station is not responsible for any previous Weight & Balance computations. It is the responsibility of the owner and pilot to assure that the airplane is properly loaded. Maximum allowable gross weight: 5300 lbs.

Work order #073613

Signature 2349252
R/S PL4R444M



POWELL AVIONICS, INC.
PO BOX 106
FAYETTEVILLE NC 28302

DATE: AUGUST 28 2015

WEIGHT AND BALANCE

Make and Model: BEECH E-55 | Serial No. TE-963 | Registration No. N131TW

COMPUTING NEW C. G. AND EMPTY WEIGHT FOR EQUIPMENT CHANGES

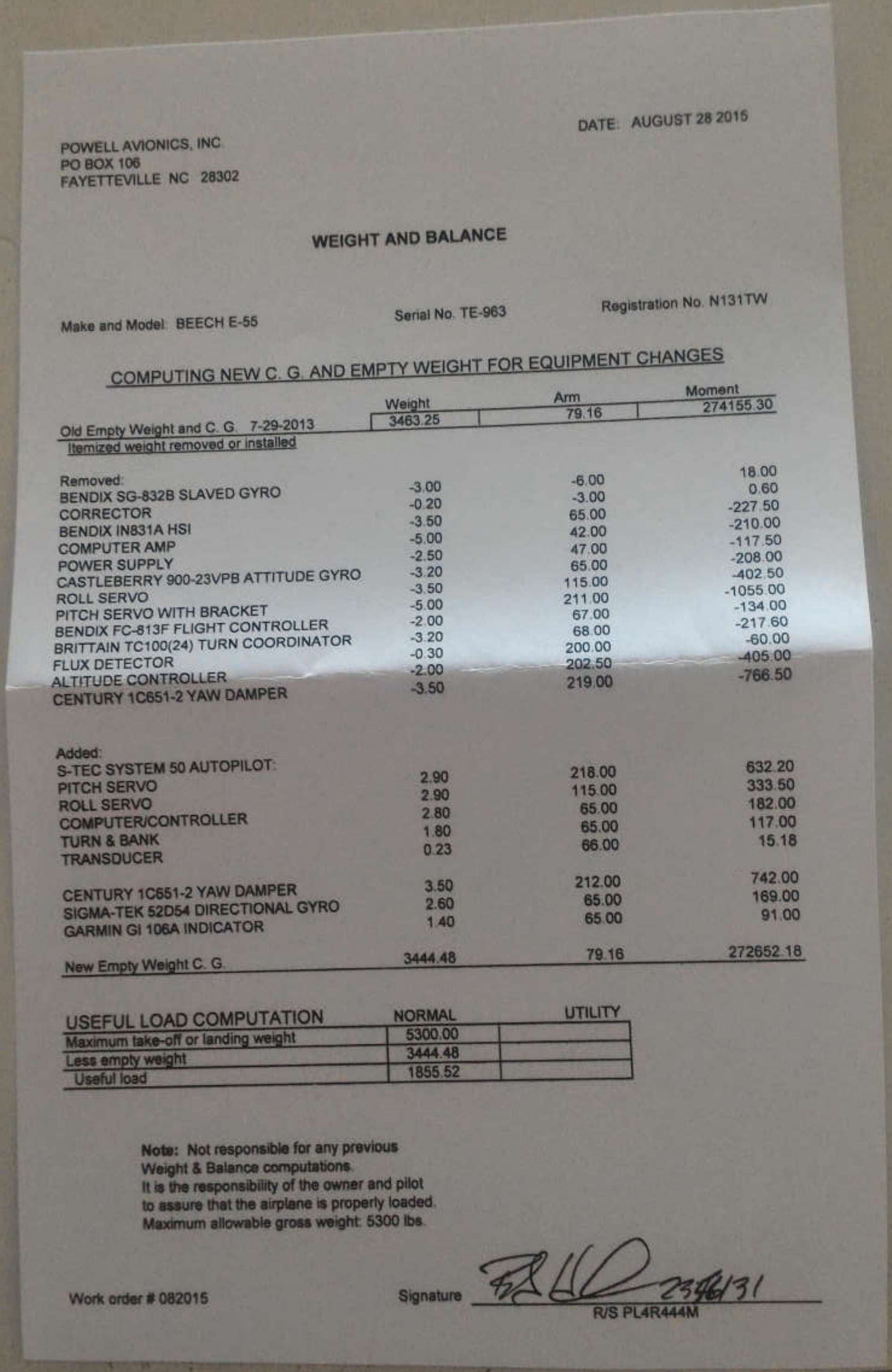
	Weight	Arm	Moment
Old Empty Weight and C. G. 7-29-2013	3463.25	79.16	274155.30
Itemized weight removed or installed			
Removed:			
BENDIX SG-832B SLAVED GYRO	-3.00	-6.00	18.00
CORRECTOR	-0.20	-3.00	0.60
BENDIX IN831A HSI	-3.50	65.00	-227.50
COMPUTER AMP	-5.00	42.00	-210.00
POWER SUPPLY	-2.50	47.00	-117.50
CASTLEBERRY 900-23VPB ATTITUDE GYRO	-3.20	65.00	-208.00
ROLL SERVO	-3.50	115.00	-402.50
PITCH SERVO WITH BRACKET	-5.00	211.00	-1055.00
BENDIX FC-813F FLIGHT CONTROLLER	-2.00	67.00	-134.00
BRITTAIN TC100(24) TURN COORDINATOR	-3.20	68.00	-217.60
FLUX DETECTOR	-0.30	200.00	-60.00
ALTITUDE CONTROLLER	-2.00	202.50	-405.00
CENTURY 1C651-2 YAW DAMPER	-3.50	219.00	-766.50
Added:			
S-TEC SYSTEM 50 AUTOPILOT:			
PITCH SERVO	2.90	218.00	632.20
ROLL SERVO	2.90	115.00	333.50
COMPUTER/CONTROLLER	2.80	65.00	182.00
TURN & BANK	1.80	65.00	117.00
TRANSDUCER	0.23	66.00	15.18
CENTURY 1C651-2 YAW DAMPER	3.50	212.00	742.00
SIGMA-TEK 52D54 DIRECTIONAL GYRO	2.60	65.00	169.00
GARMIN GI 106A INDICATOR	1.40	65.00	91.00
New Empty Weight C. G.	3444.48	79.16	272652.18

USEFUL LOAD COMPUTATION	NORMAL	UTILITY
Maximum take-off or landing weight	5300.00	
Less empty weight	3444.48	
Useful load	1855.52	

Note: Not responsible for any previous
Weight & Balance computations.
It is the responsibility of the owner and pilot
to assure that the airplane is properly loaded.
Maximum allowable gross weight: 5300 lbs.

Work order # 082015

Signature 234631
R/S PL4R444M



POWELL AVIONICS, INC.
PO BOX 106
FAYETTEVILLE NC 28302

DATE: AUGUST 28 2015

WEIGHT AND BALANCE

Make and Model: BEECH E-55

Serial No. TE-963

Registration No. N131TW

COMPUTING NEW C. G. AND EMPTY WEIGHT FOR EQUIPMENT CHANGES

	Weight	Arm	Moment
Old Empty Weight and C. G. 7-29-2013	3463.25	79.16	274155.30
Itemized weight removed or installed			
Removed:			
BENDIX SG-832B SLAVED GYRO	-3.00	-6.00	18.00
CORRECTOR	-0.20	-3.00	0.60
BENDIX IN831A HSI	-3.50	65.00	-227.50
COMPUTER AMP	-5.00	42.00	-210.00
POWER SUPPLY	-2.50	47.00	-117.50
CASTLEBERRY 900-23VPB ATTITUDE GYRO	-3.20	65.00	-208.00
ROLL SERVO	-3.50	115.00	-402.50
PITCH SERVO WITH BRACKET	-5.00	211.00	-1055.00
BENDIX FC-813F FLIGHT CONTROLLER	-2.00	67.00	-134.00
BRITTAIN TC100(24) TURN COORDINATOR	-3.20	68.00	-217.60
FLUX DETECTOR	-0.30	200.00	-60.00
ALTITUDE CONTROLLER	-2.00	202.50	-405.00
CENTURY 1C651-2 YAW DAMPER	-3.50	219.00	-766.50
Added:			
S-TEC SYSTEM 50 AUTOPILOT:			
PITCH SERVO	2.90	218.00	632.20
ROLL SERVO	2.90	115.00	333.50
COMPUTER/CONTROLLER	2.80	65.00	182.00
TURN & BANK	1.80	65.00	117.00
TRANSDUCER	0.23	66.00	15.18
CENTURY 1C651-2 YAW DAMPER	3.50	212.00	742.00
SIGMA-TEK 52D54 DIRECTIONAL GYRO	2.60	65.00	169.00
GARMIN GI 106A INDICATOR	1.40	65.00	91.00
New Empty Weight C. G.	3444.48	79.16	272652.18

USEFUL LOAD COMPUTATION	NORMAL	UTILITY
Maximum take-off or landing weight	5300.00	
Less empty weight	3444.48	
Useful load	1855.52	

Note: Not responsible for any previous
Weight & Balance computations.
It is the responsibility of the owner and pilot
to assure that the airplane is properly loaded.
Maximum allowable gross weight: 5300 lbs.

Work order # 082015

Signature 2346131
R/S PL4R444M