

Goldstrike Aircraft Services  
2705 Airport Dr.  
North Las Vegas, NV 89032

Office - (702) 899-1150

Fax (702) 537-7500

WWW.GOLDSTRIKEAIRCRAFT.COM

05-17-2021

Tail Number: N27FB  
A/C Type: G36  
A/C SN: E3727

### WEIGHT & BALANCE - EQUIPMENT LIST REVISION

A/C DATA	WEIGHT	ARM	MOMENT
7/10/2018	2693.1	79.62	214429.00
<b>REMOVED</b> None			
<b>INSTALLED</b> 05/17/2021 D'Shannon Aileron and Wing Gap Seals STC SA117650	2.5	120	300.00
	<hr/> 2695.6	<hr/> 79.66	<hr/> 214729.00
NEW COMPUTED EMPTY WEIGHT		2695.60	
NEW COMPUTED EMPTY ARM		79.66	
NEW COMPUTED EMPTY MOMENT		214729.00	
NEW COMPUTED USEFUL LOAD		1150.40	

  
Mark Blackwood A&P 4484732

NAGLE AIRCRAFT, INC.  
 HANSCOM FIELD WEST BEDFORD MA 01730  
 (781) 274-1210 Fax (781) 274-1211

N27FB  
 G36  
 E-3727

7/10/2018

**WEIGHT & BALANCE, EQUIPMENT LIST REVISION**

	WEIGHT	ARM	MOMENT
OLD A/C DATA			
2/27/2017	2664.5	80.0	213272.50
REMOVED			
Beech exhaust	exchange		
Gill Battery G242	-25.0	38.0	- 950.00
Installed			
3/9/2018 High Performance Exhaust STC SA01465H	+7.5	15.0	112.50
4/12/2018 Concorde Battery STC SA00638WI	29.5	38.0	112.10
7/10/2018 G&D Inserts	6.0	83.0	522.90
	4.8	110.0	528.00
	3.0	137.0	411.00
	2.8	150.0	420.00
	2693.1	79.62	214429.00
NEW COMPUTED EMPTY WEIGHT	2693.10		
NEW COMPUTED EMPTY ARM		79.62	
NEW COMPUTED EMPTY MOMENT		214429.00	
NEW COMPUTED USEFUL LOAD		1152.90	

*Stephen C Gosby*  
 Stephen C Gosby A&P 3036633

*See  
 Rev: 5107 05-17-2021  
 6-5-21*

Date Work Accomplished: 2-27-2017	
Manufacturer: Beechcraft	
Model: G-36	S/N: E-3727
Registration No.: N27FB	
Prepared By: Joe Schlosser	

*Joe Schlosser AF 5491579JA*

**WEIGHT AND BALANCE REPORT**  
**THIS SHEET SUPERCEDES WEIGHT AND BALANCE DATED: 8-31-2006**

ITEM	WEIGHT	ARM	MOMENT
Previous Weight and Balance	2631	80	210444
Remove existing Wingtips	-10	89	-890
Remove Strobe Power Supply	-2.5	179	-447.5
Install Wingtip Fuel Tanks	36	89	3204
Install Fuel Pump Assemblies	6	89	534
Install Aileron Weights	4	107	428
	2664.5	80	213272.5

*See Revision 7/10/17*

Moment: 213272.5 + Empty Weight: 2664.5 = 80.0 Empty Weight CG  
 Gross Weight: 3846 - Empty Weight: 2664.5 = 1182.5 Useful Load



WEIGHT & BALANCE REVISION

**N27FB**

Date: August 31, 2006

BUAKE Rly/teory

MODEL G38

S/N 8-8727

PREVIOUS EMPTY WEIGHT 2508.0

SUPERSEDES 8/4/2006

SCALES: Evergreen Weigh (maiba)	Intercomp (Wes)
MODEL: JP15000-3	PT300 S/N 0502AA08893
S/N: L12488 CAL. DUE: Oct-06	CAL. DUE: May-07

ITEM	WEIGHT	ARM	MOMENT
NOSE JACK POINT	145.0	1.8	261.0
LEFT JACK POINT	1447.0	83.1	120345.7
RIGHT JACK POINT	1483.0	83.1	122227.8

Aircraft weight with full fuel

SUBTRACT: Total Useable Fuel 70 gal.	-444.0	-53200.0
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Note: Aircraft exterior finish painted.


NEW EMPTY WEIGHT: 2,821.8

CENTER OF GRAVITY: 80.0

MOMENT: 210,444.00

CURRENT USEFUL LOAD: 1,019.0

MAXIMUM TAKE-OFF WEIGHT: 3,860

SIGNED:   
Rip Depler for  
ELLIOTT AVIATION OF THE QUAD CITIES, INC.  
FAA APPROVED REPAIR STATION # CGHR612C  
QUAD CITY AIRPORT, MOLINE, IL.

**BEECHCRAFT**  
**Bonanza G36**

**Section VI**  
**WT & Bal Equipment**

**Basic Empty Weight and Balance - As Certificated**

Serial No.: E-5727

Date: 8/4/2006

Reference Dimensions in Fuselage Stations (Inches Aft of Datum)					
	<u>Wheel Axle Centerline</u>		<u>Jack Point Location</u>		
	<u>Nose</u>	<u>Main</u>			
Extended Strut	1.8	96.0	Forward	83.1	
Compressed Strut	3.1	97.0	Aft	271.0	

Reaction - Wheel	SCALE	TARE	NET	ARM	MOMENT
	READING		WEIGHT		
	(lb.)	(lb.)	(lb.)	(in.)	(lb.-in.)
Left Main	1,031	0	1,031		
Right Main	1,056	0	1,056		
Sub Total - Mains	2,087	0	2,087	96.6	201,604
Nose	467	0	467	1.8	841
Total - As Weighed	2,554	0	2,554	79.3	202,445

**Additions and Subtractions to As Weighed Condition**

<p><del>Superseded by Weight &amp; Balance</del>  <del>Dated 8-31-06</del>  <b>FAACRS CGLR 123</b></p>					
<p>Application of the Quad Cites</p>				79.0	2,844
<p><b>Note: The exterior finish is primer only.</b></p>					
<b>BASIC EMPTY WEIGHT - ACTUAL</b>			2,590	79.3	205,289

**Note: Basic Empty Weight includes full engine oil & unusable fuel.**

Prepared/Approved by:

*Larry Van Slyke*

Larry Van Slyke

RAC Mass Properties Engineer