

# **Gulfstream G200 Program Information**

For program installation help please see <u>http://www.afmsolutions.com/installing.html</u>

For getting started help please see http://www.afmsolutions.com/ipadiphone.html

## **General Software Information**

AFM Solutions is a Texas based corporation founded in 2009 by Dejan Rajcic who is a pilot, physicist and software engineer. Dejan Rajcic has been writing scientific software since 1977 and aircraft performance software since 1981. The proprietary methods employed by AFM Solutions are those developed by Dejan as a result of many years of physics research and teaching in a university setting.

Our software always follows all the AFM (Aircraft Fight Manual) procedures in the most strict fashion, producing accurate and valid results. The algorithms used in the software follow the protocols and procedures dictated by the AFM, in this case the G200 AFM. This is true for all the data derived in the software for takeoff, landing and weight and balance. The aircraft AFM data is digitized and analyzed by AFM Solutions' proprietary methods and technology, after which, it is converted into computer algorithms and then into source code.

The software consistently produces accurate results based on the user input data, thus eliminating human error in the calculations. Our proprietary methods inherently contain error checking features and data proofing systems, however, we also run extensive quality control checks and test each program for accuracy and any possible errors.

There are two versions of this software available, one for aircraft certified for **MTOW of 35450** lb. and one for **MTOW of 35650** lb. The weight and balance form in the program is custom-configured for each aircraft, but it also allows the user to enter a separate user-defined configuration if necessary.

## Takeoff Section Detailed Information

#### Performance values are calculated after a thorough weight limit analysis

- Structural Weight Limit
- Weight Limit due to Climb Requirements
- Weight Limit due to Brake Energy
- Weight Limit due to Runway Length
- Weight Limit due to Obstacles
- Weight Limit due to Required SID Gradient

Finally, the software uses the most restrictive of the weight limits found.

When calculating a takeoff weight limit due to **obstacle** the software will find the required average gradient.

Then, the optimum obstacle clearance weight is calculated by finding the best average available gradient. The available gradient is calculated by finding the average of: Climb gradient at airport pressure altitude and temperature, and climb gradient at level-off pressure altitude adjusted for ISA temperature deviations.

All corrections such as wind, runway slope, anti-ice, etc. are always applied.

Runway optimization is applied in obstacle clearance calculations.

Speeds, V1 and VR and Takeoff Thrust are computed at the airport pressure altitude and temperature. Speeds, V2 and Vfto or Venr and Maximum Continuous Thrust are computed at level-off pressure altitude adjusted for ISA temperature deviations.

Note: Software displays the Final Segment Climb Gradient and Speed even if the final segment is not required.

Calculations can be performed for all runway conditions: Dry, Wet, Contaminated Runways.

#### Weight and Balance Section Detailed Information

The software uses the aircraft's Basic Operating Weight, arm and moment provided by the aircraft owner/operator. The user can input the weight of each passenger or crew member as required, as well as the cargo/baggage weight. Using the cg arms for each seat and baggage station, the software proceeds to calculate the aircraft weight, moment and C.G. for each phase of flight, Ramp, Takeoff and Landing by computing the fuel moment for each phase based on user input. The final results are displayed and checked against the aircraft's Center of Gravity and Moment Envelops. If a quantity is found to be outside the required C.G. or weight limits, the software alerts the user in each instance.

## User Guide\_\_\_\_\_

#### When starting the app for the first time you'll have to accept the license agreement in order to continue.

When the app is started, it always shows the Main Menu page as illustrated below. Here, you can tap the Weight & Balance button, Landing button or Takeoff button.

iPad 🗢 17:20	∦ 99%				
Aircraft Performance Software					
© C 2009-2014 AFM Solutions					
version: 1.0.8	U				
	Please Select Aircraft:				
	User-Defined Configuration 🗸				
	C-GJEG				
	Weight & Delayer				
	weight & Balance				
	Takeoff				
	Idilocii				
SULUTIUNS (	Landing				
Innovation Convenience Polishility					
Innovation. Convenience, heilability.					
Culistream	6200				
Help View License	Background Options				
www.AFMsolutions.com - (325) 260-4720 info@afmsolutions.com					

There are several options for the app's background color. Under different lighting conditions certain options may work better than others. The textured background works great in bright daylight, but a darker grey works better in low light situations.

## Weight and Balance

Tap the "Weight & Balance" button on the main menu to jump to the Weight and Balance form. Then, you can either begin by typing the passengers' weight values or you can use the quick fill method.

View Configuration	Challenger 850			
Fill All Seats	Clea	ar All	Fill All Seats	
Pax Seat 1	0 <	CLR	· · · · · · · · · · · · · · · · · · ·	
Pax Seat 2	170	CLR	Baggage 1	
Pax Seat 3	170	CLR	Baggage 1	
Pax Seat 4	0	CLR	Baggage 2	
Pax Seat 5	170	CLR	Daggage 5	
Pax Seat 6	0	CLR		
Pax Seat 7	170	CLR		

To begin entering numbers tap on a white input box of your choice, for example Pax Seat 1:

A built-in keypad will appear so you can start typing. To move to the next box press the "Next" button:

	Proposed V	Weight 15	500 )(	CLR	F	laps Retr	action -	Vfr	166	Kts	
	Use Proposed \	Weight 🔲 🤇	Clear	All	Max Max	. Cont. Th . Cont. Th	nrust - Si nrust - Co	de enter	97.7 97.7	% %	
	Airport D	Database	D	Runv ry Runwa	vay Cond y	lition	,		Go		
Required SID Gradient Obstacle		Obst Obst	tacle True acle Dist	e Height ance (ft)	(ft)	3,500		CLR			
2	Previous Next				Aircra Flaps	aft Config	uration Anti-le	ce Sett	ing		1950
	1	2 3	4	5	6	7	8	9	0		Ð
	-	/ :	;	(	)	\$	&	6	9	C	Go
	#+=	undo	·	,	?	!	,	"			#+=
	ABC	۲							AB		

The quick fill method:

- 1. Select the pre-determined passenger weight from 125 lb to 200 lb.
- 2. Tap the yellow "Fill All Seats" button. Then tap the "CLR" button next to any vacant seat.

iPad		23:32 * 67%	
View Configuration Fill All Seats Jumpseat Pax Seat 1 Pax Seat 2 Pax Seat 3 Pax Seat 3 Pax Seat 4 Pax Seat 5 Pax Seat 5 Pax Seat 6 Pax Seat 7 Pax Seat 7 Pax Seat 8 Pax Seat 9 Pax Seat 10 Pax Seat 11 Pax Seat 12 Pax Seat 13 Pax Seat 14 Pax Seat 15 Pax Seat 16	2       Clear All         0       CLR         170       CLR         0       CLR         170       CLR         170       CLR         170       CLR         0       CLR	Image App   FII AII Seats With:   17   16   17   10   10   10   10   10   10   10   10   10   10   10   10   10   10   10   10   10   10   10   10   10   10   10   10   10   10   10   10   10   10   10   10   10   11   10   10   10   11   11   12   11   11   12   12   12   10	This page shows our G550 app. However, all our apps have similar functions.
Show Total V Ramp Weight Takeoff Weight Landing Weight Zero-Fuel Weigh	Weight Ramp W TOW Land W t ZFW	Gulfstream G550	
		© 2009-2015 AFM Solutions	
Takeoff		Main Menu	

3. Press the "Show Total Weight" button at any time to the current Ramp Weight, Takeoff Weight, etc.

When finished typing, just press the green "Go" button to see the computed results.



The red square represents the Takeoff CG location, the blue square represents the Landing CG location and the yellow square represents the zero-fuel CG location.

The **Ramp Weight**, moment and CG values are also computed, but they are not shown in the diagram. However, if the ramp weight, cg or moment is out of limits a warning message will appear on the screen.

#### Takeoff

Enter the required airport and weather information. The values will default to zero if left blank.

**1.** The runway length and the altimeter setting fields cannot be zero.

The altimeter setting can be entered in several ways for your convenience. For example for standard conditions you can type "29.92" or "2992" or you can use a metric value of "1013"

the second	iding Form	Performance App - Premie	er I/IA	
Airport & Weather	Information	Airport ID: () Runway:()		
Field Elevation	000 CLR	Obstacle Limited!		
Runway Heading8	0	Max. TOW Allowed 10	0577 I	b
Bunway Length	300	Pressure Altitude	980	ft
D Oly		Deviation From ISA Temp.	1.9	Kte
Runway Slope	).5 CLH	Takeoff Field Length	2904	ft
Altimeter Setting2	9.94 CLR	V1	99	Kts
Temperature1	5 CLR	VR	107	Kts
Wind Direction7	0 CLR	V2	121	Kts
Wind Speed		Final Segment Climb - Vfs	140	Kts
wind Speed		En-Route Climb - Venr	160	Kts
Proposed Weight	2380	Return - Vref	112	Kts
Use Proposed Weight	Clear All	1st. Seg. Climb Gradient	7.8	%
	10	Initial 2nd. Seg. Climb Gradient	10.8	%
	9	Final Seg. Climb Gradient	8.8	%
		En-Route Seg. Climb Gradient	8.1	%
Airport Database	Go	Takeoff Thrust	103.6	%
Required SID Gradient	Obstacle Heig Obstacle Dista	ance (From DER) (ft) 850 9500	CLR	
Required SID Gradient Obstacle None	Obstacle Heig Obstacle Dista Using Stan	ance (From DER) (ft) 850 ance (From DER) (ft) 9500 andard Flight Path ON	CLR	
Required SID Gradient Obstacle None Runway Condition Dry Runway	Obstacle Heig Obstacle Dista Using Stan	ance (From DER) (ft) 850 ance (From DER) (ft) 9500 andard Flight Path ON View Details	CLR	
Required SID Gradient Obstacle None Runway Condition Dry Runway Aircraft Config	Obstacle Heig Obstacle Dista Using Stan	ance (From DER) (ft) 850 ance (From DER) (ft) 9500 andard Flight Path ON View Details	CLR	
Required SID Gradient Obstacle None Runway Condition Dry Runway Aircraft Config Flaps Setting An	Obstacle Heig Obstacle Dista Using Stan 3 uration ti-Ice Setting	ance (From DER) (ft) 850 ance (From DER) (ft) 9500 andard Flight Path ON View Details	CLR	
Required SID Gradient Obstacle None Runway Condition Dry Runway Aircraft Config Flaps Setting An 0° Flaps	Obstacle Heig Obstacle Dista Using Stan Juration ti-Ice Setting OFF	ht (From DER) (ft) 850 ance (From DER) (ft) 9500 andard Flight Path ON View Details		) )
Required SID Gradient Obstacle None Runway Condition Dry Runway Aircraft Config Flaps Setting 0° Flaps 10° Flaps	Obstacle Heig Obstacle Dista Using Stan Juration ti-Ice Setting OFF Engine Only	ance (From DER) (ft) 850 ance (From DER) (ft) 9500 andard Flight Path ON View Details	CLR	nt
Required SID Gradient Obstacle None Runway Condition Dry Runway Aircraft Config Flaps Setting 0° Flaps 10° Flaps 20° Flaps	Obstacle Heig Obstacle Dista Using Stan Juration ti-Ice Setting OFF Engine Only Engine & Wing	ance (From DER) (ft) 850 ance (From DER) (ft) 9500 andard Flight Path ON View Details		) )

**2.** If the **"Use Proposed Weight**" box is checked, the program will use the weight found in the "Proposed Weight" box. If left unchecked, the program will find the maximum allowable takeoff weight for the given conditions.

**3.** If there are no obstacles to clear and no required SID gradient, press the "None" button.

If there is an obstacle, enter the obstacle height above the brake release point in feet. Then enter the obstacle's distance from the end of the runway.

4. Press the "View Details" button to see the details of all the weight limitations encountered and the flight path details

Takeoff Data Details		
Weight Limit due to Runway Length Weight Limit due to Climb Requirements Weight Limit due to Brake Energy Weight Limit due to Obstacle or SID	s s	12500 lb 12500 lb 12500 lb 10577 lb
Obstacle Cleared During the Final Segment		
Various Distance Values of Interest:		
From Ref. Zero to End of 2nd Segment From Ref. Zero to End of 2nd Segment	4498 0.7 r	3 ft nm
Net Acceleration Distance 3rd Seg Net Acceleration Distance 3rd Seg	2282 0.4 r	2 ft nm
From Reference Zero to Obstacle From Reference Zero to Obstacle	1189 2 nn	96 ft n
Remaining Unused Runway Distance	2396	6 ft
Required Climb Gradient Due to Obstacle (Final Segment Climb)	8.8 9	%
Tap inside this box to close		

If a computed weight limit value is less than the MTOW then it is shown in red. In this case the maximum takeoff weight limited by obstacle is 10577 lb.

Note that the maximum continuous thrust is always computed at the pressure altitude and temperature of the level-off height. The calculated value of the level-off pressure altitude is always adjusted for any deviation from ISA temperature.

When "**Using Standard Flight Path**" is on, the program will analyze obstacle clearance by finding the takeoff field length. Then from reference zero, it will calculate the 1<sup>st</sup> and 2<sup>nd</sup> segment gradients. If necessary, it will also calculate the 3<sup>rd</sup> segment horizontal acceleration distance, the final segment gradient, horizontal distance travelled during the final segment, the horizontal distance to accelerate from final segment to enroute segment, and finally the enroute segment climb gradient.

If "Using Standard Flight Path" is off, then the program will force the net flight path to clear the obstacle within the 5 minute engine limit before leveling off.

When it is required to clear an obstacle, the program will always find the highest possible weight that will allow the **net flight path** to clear the obstacle by a **minimum of 35 feet**.

The second segment climb gradient is always computed.

The 400 ft level-off height and the 1500 ft level-off height are adjusted for temperature deviations and converted to a pressure altitude. When it is necessary to go beyond the 2<sup>nd</sup> segment, the program calculates:

- the distance reached at the end of the 2<sup>nd</sup> segment
- the distance and height reached at the end of the final segment.
- It also calculates the horizontal distance travelled during each segment
- the horizontal acceleration distance required during the transition segments at 400 ft and at 1500 ft.

The main values are then displayed in the details box. To close this box, just tap anywhere inside the box.

The **Reference Zero** point is a point 35 ft above the runway at the end of the takeoff field length.

## Printing Takeoff Results

Click on the "Print" button if you want to print or email the results of your takeoff calculations. The following form will appear

TAKEOFF PERFORMANCE - Obstacle Limited!	Date: 2/13/2014
Max Allowable Takeoff Weight	10577 lb
Pressure Altitude	980 ft
Deviation From ISA Temp	1.9 deg C
Headwind Component	20 Kts
Takeoff Field Length	2904 ft
V1	99 Kts
VR	107 Kts
V2	121 Kts
Final Segment Climb - Vfs	140 Kts
En-Route Climb - Venr	160 Kts
Return - Vref	112 Kts
1st Segment Gradient	7.8 %
Initial 2nd Segment Gradient	10.8 %
Final Segment Gradient	8.8 %
En-Route Seg. Climb Gradient	8.1 %
Takeoff Thrust	103.6 %
Max Cont. Thrust	102.1 %
AIRPORT AND WEATHER INFORMATION:	
Field Elevation	1000 ft
Runway Length	5300 ft
Runway Slope	-0.5 %
Altimeter Setting	29.94 in-Hg
Temperature	15 deg C
Runway Condition	Dry
AIRCRAFT CONFIGURATION:	
Flaps: 0 deg.	Bromier I/A
Anti-Ice: Off	Premier MA
© 2000 2015 AENA Colutions	Print This Page
© 2009-2015 AFIVI Solutions	
	email This Form
	Return To Takeoff
<u></u>	

Press the "Print This Page" button and your AirPrint user dialog will appear. Air Print is now a standard feature on iPads running iOS 7. Just select your wireless printer and print.

7 1		Printer Options
1.5	Printer	Select Printer >
n-Hç C	1 Сору	_ +
		Print over the Pere
		email This Form
		Return To Landing

© 2009-2015 AFM Solutions

## Takeoff On Wet Or Contaminated Runways



If you selected Wet Snow or Slush, then two new boxes will appear, contaminant depth in inches and specific gravity. If you enter a number that is out of range, the program will alert you and will show you the range of contaminant depth or specific gravity that can be used.

With other types of contaminant only the depth box will be shown.

Pressure Altitude	7000
Deviation From ISA Temp.	8.9
TailWind Component	10
Takeoff Field Length	11661
V1	117
VR	117
V2	124
Final Segment Climb - Vfs	140
En-Route Climb - Venr	160
Return - Vref	124
1st. Seg. Climb Gradient	0.4
Initial 2nd. Seg. Climb Gradient	2.3
Final Seg. Climb Gradient	1.5
En-Route Seg. Climb Gradient	2.3
Takeoff Thrust	104
Max. Cont. Thrust	102.7

R

R

R R R R R

The program always calculates the brake energy for each contaminant type.

If the final brake energy value is in the shaded area of the graph then, as instructed by the AFM, the program shows a message just below the takeoff results reminding the user to refer to the maintenance manual for brake inspection procedure.

If the weight is also limited by the maximum brake energy allowed then there is massage above the takeoff results alerting the user to that effect.

As always, the program always applies all the necessary corrections to the field length and V1 speed.

#### Landing

If the aircraft has to make an emergency landing immediately after takeoff, you can quickly transfer all the airport and weather information from the takeoff form into the landing form by pressing the "Copy Data From Takeoff Form" button near the top of the form.

	Informati	00	Airport ID: A Duran	0	
Tield Elevetian	280	CLB	Airport ID: () Hunway:	0	
rield Elevation	200	CLP	A Landing Weight	0500	Ib
Runway Heading	,	CLH		4402	4
Runway Length	3800	CLR	FACTORED LANDING DIST. (60%)	7339	ft
Runway Slope	1	CLR	FACTORED LANDING DIST. (80%)	5504	ft
Altimeter Setting2	29.92	CLR	Pressure Altitude	5280	ft
emperature1	10	CLR	TailWind Component	10	Kts
Vind Direction	80	CLR	Weight Limited By:		
Wind Speed.	10	CLR	By Land. Distance	11600	lb
Veight	0500	CLR	By Climb Req. By Brake Energy	12500	ID Ib
So-Around Altitude	300	CLR	Other Leading Date		
	,		Uner Landing Data	112	K te
Airport Database	Clear		Approach Climb Speed	125	Kts
			Appr Climb Gradient	64	%
Runway Co	ndition		Landing Climb Gradient	17.8	%
Wet Runway		~	Go-Around Thrust	104	%
	2		Landing Distance - Wet B	unway	(1) (1) (1)
4	(		LANDING DISTANCE WET	5797	ft
		Go		5	
				12	
Aircraft Configu	ration				
Aircraft Configue	ration	Vref Inc	rement:		
Aircraft Configur	ration	Vref Inc Vref + (	orement:	Print	/ ema
Aircraft Configur Anti-Ice Setting OFF	ration	Vref Inc Vref + (	o Kts 🗸	Print	/ ema
Aircraft Configur Anti-Ice Setting OFF Engine Only	ration	Vref Inc Vref + (	o Kts 🗸 Prin	Print t This Pag	/ ema
Aircraft Configur Anti-Ice Setting OFF Engine Only	ration	Vref Inc Vref + (	orement: D Kts 🗸	Print t This Pag	/ ema
Aircraft Configur Anti-Ice Setting OFF Engine Only Engine & Wing	ration	Vref Inc Vref + ( © 2009-201	orement: D Kts Prin 14 AFM Solutions	Print t This Pag	/ ema
Aircraft Configur Anti-Ice Setting OFF Engine Only Engine & Wing	ration	Vref Inc Vref + (	orement: D Kts Prin 14 AFM Solutions	Print t This Pag	/ ema
Aircraft Configur Anti-Ice Setting OFF Engine Only Engine & Wing	ration	Vref Inc Vref + ( © 2009-201	orement: D Kts Prin 14 AFM Solutions	Print t This Pag	/ ema
Aircraft Configur Anti-Ice Setting OFF Engine Only Engine & Wing	ration	Vref Inc Vref + ( © 2009-201	orement: D Kts Prin 14 AFM Solutions	Print t This Pag	/ ema
Aircraft Configur Anti-Ice Setting OFF Engine Only Engine & Wing	ration	Vref Inc Vref + ( © 2009-201	Arement: D Kts v Prin 14 AFM Solutions	Print t This Pag	/ ema

If the "Weight" box is left blank, the program will use the structural maximum landing weight allowed. If any of the Landing Distance results (dry, wet or contaminated) are out of range there will be a warning message shown in red. In the example above with wet runway, the landing distance of 5797 feet is less than the runway length of 8800 ft., so consequently we see a green checkmark next to the landing weight.

If the "**Go-Around Altitude**" box is left blank, then the program will automatically use the airport pressure altitude. The Go-Around Thrust, Approach Climb Gradient and Landing Climb Gradient are all calculated using the go-around altitude.

## Landing on Contaminated Runways

Copy Data From T	akeoff For	m	Performance App - Prer	nier I/IA	
Airport & Weathe	r Informa	tion	Airport ID: () Runway:	0	In this example
Field Elevation	5280		and the second sec		the user selected
Runway Heading	0	CLR	Landing Weight 1	1600 lb	Slush with
Runway Length	8800	CLR	LANDING DISTANCE (Dry)	4701 ft	contaminant
Runway Slope	-1	CLR	FACTORED LANDING DIST. (80%)	7835 ft 5876 ft	depth of 0.4
Altimeter Setting	29.92	CLR	Pressure Altitude	5280 ft	inches and
Temperature	10	CLR	TailWind Component	10 Kts	specific gravity of
Wind Direction	180	CLR	Weight Limited By:		0.7
Wind Speed	10	CLR	By Land. Distance	11600 lb	0.7
Weight	0	CLR	By Brake Energy	12500 Ib	The program
Go-Around Altitude	6300	CLR	Other Landing Data	-	always calculates
Airport Database Runway C Slush Contaminant Depth (in.)	Clea	Go	Approach Climb Speed Appr. Climb Gradient Landing Climb Gradient Go-Around Thrust	131     Kts       4.7     %       14.2     %       104     %	Dry-Runway landing distance for reference, even if the runway is not
Specific Gravity 0.7 Aircraft Config Anti-Ice Settin OFF Engine Only Engine & Win	Uration	Vref Ir Vref + © 2009-2	Crement:	Print / email	The landing distance for wet or contaminated runway is then shown below the Go-Around Thrust line.
Takeoff		P	remier I/IA	Main Menu	

The brake energy value is always calculated for each type of runway condition. If the landing weight is limited by the maximum brake energy value then the "**Weight Limited By**:" – "**By Brake Energy**" number will be shown in red.

There will always be a red warning sign if the weight or the landing distance exceeds the allowed limits.

## Aircraft Configuration (Weight and Balance)

To view or modify the aircraft configuration, press the "View Configuration" button near the top of the weight and balance form. The W&B configuration form will show.

Return 1 Aircraft Configuration Page 1 No							
6 - Total No. of Seat Stations							
3 🗸	- Total No. of Bag. Sta	ations	Enter Bag. Station Names:				
Enter Se	eat Station Names:	2	Bag. 1 Nose Cone Bag. CLR Bag. 2 Rear Baggage CLR				
Seat 1	Pilot PIC	CLR	Bag, 3 Baggage 3 CLR				
Seat 2	Pilot SIC	CLR	Bag, 4 Baggage 4 CLR				
Seat 3	Pax Seat 1	CLR	Bag, 5 Baggage 5 CLR				
Seat 4	Pax Seat 2	CLR	Clear All				
Seat 5	Pax Seat 3	CLR					
Seat 6	Pax Seat 4						
Seat 7	Pax Seat 5	CLR	B.O.W. (lb) 8400 CLR				
Seat 8	Pax Seat 6	CLR	B.O.W.Arm (In) 307 CLR				
Seat 9	Pax Seat 7	CLR					
Seat 10	Pax Seat 8		Save				
Seat 11	Pax Seat 9	CLR					
Seat 12	Pax Seat 10	CLR					
Seat 13	Pax Seat 11	CLR	Premier I/IA				
Seat 14	Pax Seat 12	CLR					
© 20	© 2009-2015 AFM Solutions Please Select Aircraft Configuration:						
			User Defined 🗸				
	Clear All						

To return back to the weight & balance form, press the blue "Return" button. To move to the second page press the blue "Next Page" button.

Here, you can change the number of seats present in your aircraft, the number of baggage areas present, B.O.W. weight etc.

- 1. This box lets you select how many passenger seats your aircraft uses.
- 2. You can rename the seats or baggage areas if needed.

For example if the first seat is a flight attendant seat, just tap the "Pilot PIC" box and change it to "Jump Seat" or "Flight Attendant". After you have made all the necessary changes, press the red "**Save**" button. Then return to the program.

You can select a configuration you want to use at any time. If you select "**Original Configuration**" the system will load the original data that was pre-programmed. This configuration cannot be modified. If you select "**User** 

**Defined**" then the system will load the data you have entered and saved. The first time you use the app you'll have to erase or modify the generic data the user defined configuration contains.

Retur	m	Aircraft Configuration Page 1					Next Page		
17 🧅 - Total No. of Seat Stations									
2 🔪 - Total No. of Bag. Stations				Enter Bag. Station Names:					
Enter Seat Station Names:			Bag	Bag. 1 Front Baggage				CLR	
			Bag	Bag. 2 Rear Baggage				CLR	
Seat 1	Jumpseat	CLR	Bog	2	Paggag	. 2	$\neg$	CLR	
Seat 2	Pax Seat 1	CLR	Баў	. s	baggage s		$ \rightarrow $		
ocut 2			Bag	Bag. 4 Baggage 4 Bag. 5 Baggage 5				CLR	
Seat 3	Pax Seat 2	CLR	Bag					CLR	
Seat 4	Pax Seat 3	CLR		(					
Seat 5	Pax Seat 4	CLR					Cie	sar All	
Seat 6	Pax Seat 5			_					
Seat 7	Pax Seat 6	CLR	B.O.\	B.O.W. (lb) 48800 B.O.W.Arm (ln) 593.5				CLR	
Seat 8	Pax Seat 7		B.O.\				$\neg$	CLR	
Seat 9	Pax Seat 8	CLR							
Seat 10	Pax Seat 9	CLR	Si	ave					
Seat 11	Pax Seat 10	CLR	_						

To enter of change C.G. arms locations of the seats and baggage/cargo areas, go to the second page. Make any necessary changes and then press the "**Save**" button to save your new values or press the "Save & Exit" button to save the new values and return to the weight and balance input form.

Previous		Aircra	Save & Exit								
Enter Arms in Inches:											
Seat 1	147	CLR	Enter Arms in Inches:	1							
Seat 2	287.5	CLR	Baggage Station 1 221	.6 CLR							
Seat 3	287.5		Baggage Station 2 720	CLR							
Seat 4	347.5		Baggage Station 3 0	CLR							
Seat 5	347.5		Baggage Station 4 0	CLR							
Seat 6	391	CLR	Baggage Station 5 0	CLR							
Seat 7	391	CLR									
Seat 8	444	CLR		Clear All							
Seat 9	444	CLR									
Seat 10	488.5	CLR	Save								
Seat 11	488.5	CLR									

If your aircraft has more than 14 seats please contact AFM Solutions so adjustments can be made to the program.



www.afmsolutions.com / info@afmsolutions.com

© 2009-2015 AFM Solutions