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<b>TEMA:</b> 0116	ATP - (CHAP. 05) WEIGHT & BALANCE	
<b>COD_PREG:</b>	<b>PREGUNTA:</b>	<b>RPTA:</b>
8049	The weight and CG of an aircraft used in air taxi service must have been calculated from those values established by actual weighing of the aircraft within what period of time?	A
<b>OPCION A:</b>	Multiengine aircraft, preceding 36 calendar months.	
<b>OPCION B:</b>	Multiengine and single-engine aircraft, preceding 36 calendar months.	
<b>OPCION C:</b>	Multiengine aircraft, last 36 calendar months; single-engine, last 24 calendar months.	
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8067	What are the empty weight and balance currency requirements for aircraft used in air taxi service?	C
<b>OPCION A:</b>	The empty weight and CG of multiengine and single-engine aircraft must have been calculated from an actual weighing within the previous 36 calendar months.	
<b>OPCION B:</b>	The empty weight and CG must have been calculated from an actual weighing within the previous 24 calendar months unless the original Airworthiness Certificate was issued within the previous 36 calendar months.	
<b>OPCION C:</b>	The empty weight and CG of multiengine aircraft must have been calculated from an actual weighing within the previous 36 calendar months.	
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8431	What is the maximum allowable weight that may be carried on a pallet which has the dimensions of 36 X 48 inches?	A
	Floor load limit ..... 169 lbs/sq ft	
	Pallet weight ..... 47 lbs	
	Tiedown devices ..... 33 lbs	
<b>OPCION A:</b>	1,948.0 pounds.	
<b>OPCION B:</b>	1,995.0 pounds.	
<b>OPCION C:</b>	1,981.0 pounds.	
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8432	What is the maximum allowable weight that may be carried on a pallet which has the dimensions of 76 X 74 inches?	A
	Floor load limit ..... 176 lbs/sq ft	
	Pallet weight ..... 77 lbs	
	Tiedown devices ..... 29 lbs	
<b>OPCION A:</b>	6,767.8 pounds.	
<b>OPCION B:</b>	6,873.7 pounds.	
<b>OPCION C:</b>	6,796.8 pounds.	
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8433	What is the maximum allowable weight that may be carried on a pallet which has the dimensions of 81 X 83 inches?	C
	Floor load limit ..... 180 lbs/sq ft	
	Pallet weight ..... 82 lbs	
	Tiedown devices ..... 31 lbs	
<b>OPCION A:</b>	8,403.7 pounds.	
<b>OPCION B:</b>	8,321.8 pounds.	
<b>OPCION C:</b>	8,290.8 pounds.	
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8434	(Refer to Figures 3, 6, 8, 9, 10, and 11.) What is the CG in inches from datum under Loading Conditions BE-1?	B
<b>OPCION A:</b>	Station 290.3.	
<b>OPCION B:</b>	Station 285.8.	
<b>OPCION C:</b>	Station 291.8.	
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8435	(Refer to Figures 3, 6, 8, 9, 10, and 11.) What is the CG in inches from datum under Loading Conditions BE-2?	B
<b>OPCION A:</b>	Station 295.2.	
<b>OPCION B:</b>	Station 292.9.	
<b>OPCION C:</b>	Station 293.0.	
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8436	(Refer to Figures 3, 6, 8, 9, 10, and 11.) What is the CG in inches from datum under Loading Conditions BE-3?	A
<b>OPCION A:</b>	Station 288.2.	
<b>OPCION B:</b>	Station 285.8.	
<b>OPCION C:</b>	Station 290.4.	

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8437 (Refer to Figures 3, 6, 8, 9, 10, and 11.) What is the CG in inches from datum under Loading Conditions BE-4? C  
**OPCION A:** Station 297.4.  
**OPCION B:** Station 299.6.  
**OPCION C:** Station 297.7.

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8438 (Refer to Figures 3, 6, 8, 9, 10, and 11.) What is the CG in inches from datum under Loading Conditions BE-5? C  
**OPCION A:** Station 288.9.  
**OPCION B:** Station 290.5.  
**OPCION C:** Station 288.1.

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8439 (Refer to Figures 3, 6, 8, 9, 10, and 11.) What is the CG shift if the passengers in row 1 are moved to seats in row 9 under Loading Conditions BE-1? B  
**OPCION A:** 1.5 inches aft.  
**OPCION B:** 5.6 inches aft.  
**OPCION C:** 6.2 inches aft.

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8440 (Refer to Figures 3, 6, 8, 9, 10, and 11.) What is the CG shift if the passengers in row 1 are moved to row 8, and the passengers in row 2 are moved to row 9 under Loading Conditions BE-2? C  
**OPCION A:** 9.2 inches aft.  
**OPCION B:** 5.7 inches aft.  
**OPCION C:** 7.8 inches aft.

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8441 (Refer to Figures 3, 6, 8, 9, 10, and 11.) What is the CG shift if four passengers weighing 170 pounds each are added; two to seats in row 6 and two to seats in row 7 under Loading Conditions BE-3? A  
**OPCION A:** 3.5 inches aft.  
**OPCION B:** 2.2 inches forward.  
**OPCION C:** 1.8 inches aft.

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8442 (Refer to Figures 3, 6, 8, 9, 10, and 11.) What is the CG shift if all passengers in rows 2 and 4 are deplaned under Loading Conditions BE-4? C  
**OPCION A:** 2.5 inches aft.  
**OPCION B:** 2.5 inches forward.  
**OPCION C:** 2.0 inches aft.

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8443 (Refer to Figures 3, 6, 8, 9, 10, and 11.) What is the CG shift if the passengers in row 8 are moved to row 2, and the passengers in row 7 are moved to row 1 under Loading Conditions BE-5? B  
**OPCION A:** 1.0 inches forward.  
**OPCION B:** 8.9 inches forward.  
**OPCION C:** 6.5 inches forward.

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8444 (Refer to Figures 4, 7, 9, 10, and 11.) What is the CG in inches from datum under Loading Conditions BE-6? A  
**OPCION A:** Station 300.5.  
**OPCION B:** Station 296.5.  
**OPCION C:** Station 300.8.

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8445 (Refer to Figures 4, 7, 9, 10, and 11.) What is the CG in inches from datum under Loading Conditions BE-7? C  
**OPCION A:** Station 296.0.  
**OPCION B:** Station 297.8.  
**OPCION C:** Station 299.9.

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8446 (Refer to Figures 4, 7, 9, 10, and 11.) What is the CG in inches from datum under Loading Conditions BE-8? C  
**OPCION A:** Station 297.4.  
**OPCION B:** Station 298.1.  
**OPCION C:** Station 302.0.

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8447 (Refer to Figures 4, 7, 9, 10, and 11.) What is the CG in inches from datum under Loading Conditions BE-9? C  
**OPCION A:** Station 296.7.  
**OPCION B:** Station 297.1  
**OPCION C:** Station 301.2.

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8448 (Refer to Figures 4, 7, 9, 10, and 11.) What is the CG in inches from datum under Loading Conditions BE-10? A  
**OPCION A:** Station 298.4.  
**OPCION B:** Station 298.1.  
**OPCION C:** Station 293.9.

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8449 (Refer to Figures 4, 7, 9, 10, and 11.) What is the CG shift if 300 pounds of cargo in section A is moved to section H under Loading Conditions BE-6? A  
**OPCION A:** 4.1 inches aft.  
**OPCION B:** 3.5 inches aft.  
**OPCION C:** 4.0 inches aft.4,7,9,10

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8450 (Refer to Figures 4, 7, 9, 10, and 11.) What is the CG shift if the cargo in section F is moved to section A, and 200 pounds of the cargo in section G is added to the cargo in section B, under Loading Conditions BE-7? C  
**OPCION A:** 7.5 inches forward.  
**OPCION B:** 8.0 inches forward.  
**OPCION C:** 8.2 inches forward.

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8451 (Refer to Figures 4, 7, 9, 10, and 11.) What is the CG if all cargo in sections A, B, J, K, and L are off-loaded under Loading Conditions BE-8? B  
**OPCION A:** Station 292.7.  
**OPCION B:** Station 297.0.  
**OPCION C:** Station 294.6.

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8452 (Refer to Figures 4, 7, 9, 10, and 11.) What is the CG if cargo is loaded to bring sections F, G, and H to maximum capacity under Loading Conditions BE-9? A  
**OPCION A:** Station 307.5.  
**OPCION B:** Station 305.4.  
**OPCION C:** Station 303.5.

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8453 (Refer to Figures 4, 7, 9, 10, and 11.) What is the CG shift if the cargo in section G is moved to section J under Loading Conditions BE-10? B  
**OPCION A:** 2.7 inches aft.  
**OPCION B:** 2.4 inches aft.  
**OPCION C:** 3.2 inches aft.

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8454 (Refer to Figures 5, 7, 9, and 11.) What limit is exceeded under Operating Conditions BE-11? C  
**OPCION A:** ZFW limit is exceeded.  
**OPCION B:** Aft CG limit is exceeded at takeoff weight.  
**OPCION C:** Aft CG limit is exceeded at landing weight.

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8455 (Refer to Figures 5, 7, 9, and 11.) What limit(s) is(are) exceeded under Operating Conditions BE-12? A  
**OPCION A:** ZFW limit is exceeded.  
**OPCION B:** Landing aft CG limit is exceeded.  
**OPCION C:** ZFW and maximum takeoff weight limits are exceeded.

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8456 (Refer to Figures 5, 7, 9, and 11.) What limit, if any, is exceeded under Operating Conditions BE-13? B  
**OPCION A:** Takeoff forward CG limit is exceeded.  
**OPCION B:** No limit is exceeded.  
**OPCION C:** Landing aft CG limit is exceeded.

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8457 (Refer to Figures 5, 7, 9, and 11.) What limit(s) is(are) exceeded under Operating Conditions BE-14? B  
**OPCION A:** Maximum ZFW limit is exceeded.  
**OPCION B:** Takeoff forward CG limit is exceeded.  
**OPCION C:** Maximum landing weight and landing forward CG limits are exceeded.

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8458 (Refer to Figures 5, 7, 9, and 11.) What limit(s) is(are) exceeded under Operating Conditions BE-15? A  
**OPCION A:** Maximum takeoff weight limit is exceeded.  
**OPCION B:** Maximum ZFW and takeoff forward CG limits are exceeded.  
**OPCION C:** Maximum takeoff weight and takeoff forward CG limits are exceeded.

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8573 What is the new CG if the weight is shifted from the forward to the aft compartment under Loading Conditions WS 1? B

**OPCION A:** 15.2 percent MAC.  
**OPCION B:** 29.8 percent MAC.  
**OPCION C:** 30.0 percent MAC.

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8574 What is the new CG if the weight is shifted from the aft to the forward compartment under Loading Conditions WS 2? C

**OPCION A:** 26.1 percent MAC.  
**OPCION B:** 20.5 percent MAC.  
**OPCION C:** 22.8 percent MAC.

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8575 What is the new CG if the weight is shifted from the forward to the aft compartment under Loading Conditions WS 3? A

**OPCION A:** 29.2 percent MAC.  
**OPCION B:** 33.0 percent MAC.  
**OPCION C:** 28.6 percent MAC.

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8576 Fig. 44 B  
What is the new CG if the weight is shifted from the aft to the forward compartment under Loading Conditions WS 4?

**OPCION A:** 37.0 percent MAC  
**OPCION B:** 23.5 percent MAC  
**OPCION C:** 24.1 percent MAC

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8577 Fig. 44 A  
Where is the new CG if the weight is shifted from the forward to the aft compartment under Loading Conditions WS 5?

**OPCION A:** +19.15 index arm.  
**OPCION B:** +13.93 index arm.  
**OPCION C:** -97.92 index arm.

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8578 Fig. 44 A  
What is the new CG if the weight is removed from the forward compartment under Loading Conditions WS 1?

**OPCION A:** 27.1 percent MAC.  
**OPCION B:** 26.8 percent MAC.  
**OPCION C:** 30.0 percent MAC.

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8579 Where is the new CG if the weight is added to the aft compartment under Loading Conditions WS 2? C

**OPCION A:** +17.06 index arm.  
**OPCION B:** +14.82 index arm.  
**OPCION C:** +12.13 index arm.

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8580 What is the new CG if the weight is added to the forward compartment under Loading Conditions WS 3? B

**OPCION A:** 11.4 percent MAC.  
**OPCION B:** 14.3 percent MAC.  
**OPCION C:** 14.5 percent MAC.

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8581 Where is the new CG if the weight is removed from the aft compartment under Loading Conditions WS 4? B

**OPCION A:** +15.53 index arm.  
**OPCION B:** +8.50 index arm.  
**OPCION C:** -93.51 index arm.

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8582 What is the new CG if the weight is removed from the forward compartment under Loading Conditions WS 5? A

**OPCION A:** 31.9 percent MAC.  
**OPCION B:** 19.1 percent MAC.  
**OPCION C:** 35.2 percent MAC.

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8588 What is the STAB TRIM setting for Operating Conditions A-1? (See figures 45, 46, and 47) A  
**OPCION A:** 29 percent MAC.  
**OPCION B:** 32 percent MAC.  
**OPCION C:** 36 percent MAC.

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8589 What is the STAB TRIM setting for Operating Conditions A-2? (See figures 45, 46, and 47) B  
**OPCION A:** 26 percent MAC.  
**OPCION B:** 20 percent MAC.  
**OPCION C:** 22 percent MAC.

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8590 What is the STAB TRIM setting for Operating Conditions A-3? (See figures 45, 46, and 47) C  
**OPCION A:** 18 percent MAC.  
**OPCION B:** 20 percent MAC.  
**OPCION C:** 22 percent MAC.

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8591 What is the STAB TRIM setting for Operating Conditions A-4? (See figures 45, 46, and 47) A  
**OPCION A:** 26 percent MAC.  
**OPCION B:** 22 percent MAC.  
**OPCION C:** 18 percent MAC.

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8592 What is the STAB TRIM setting for Operating Conditions A-5? (See figures 45, 46, and 47) C  
**OPCION A:** 26 percent MAC.  
**OPCION B:** 30 percent MAC.  
**OPCION C:** 32 percent MAC.

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8623 What is the STAB TRIM setting for Operating Conditions R-1? (See figures 53 and 55) C  
**OPCION A:** 8 ANU.  
**OPCION B:** 7-5/8 ANU.  
**OPCION C:** 7-3/4 ANU.

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8624 What is the STAB TRIM setting for Operating Conditions R-2? (See figures 53 and 55) C  
**OPCION A:** 5-3/4 ANU.  
**OPCION B:** 7 ANU.  
**OPCION C:** 6-3/4 ANU.

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8625 What is the STAB TRIM setting for Operating Conditions R-3? (See figures 53 and 55) A  
**OPCION A:** 3 ANU.  
**OPCION B:** 4-1/2 ANU.  
**OPCION C:** 5 ANU.

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8626 What is the STAB TRIM setting for Operating Conditions R-4? (See figures 53 and 55) B  
**OPCION A:** 4-1/4 ANU.  
**OPCION B:** 4-1/2 ANU.  
**OPCION C:** 5 ANU.

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8627 What is the STAB TRIM setting for Operating Conditions R-5? (See figures 53 and 55) C  
**OPCION A:** 6-3/4 ANU.  
**OPCION B:** 8 ANU.  
**OPCION C:** 7-1/2 ANU.

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8697 What is the CG in percent of MAC for Loading Conditions WT1? (See figures 76, 79, and 80) B  
**OPCION A:** 26.0 percent MAC.  
**OPCION B:** 27.1 percent MAC.  
**OPCION C:** 27.9 percent MAC.

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8698 What is the CG in inches of datum for Loading Conditions WT-2? (See figures 76, 79, and 80) C  
**OPCION A:** 908.8 inches.  
**OPCION B:** 909.6 inches.  
**OPCION C:** 910.7 inches.

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8699 What is the CG in percent of MAC for Loading Conditions WT3? (See figures 76, 79, and 80) A  
**OPCION A:** 27.8 percent MAC.  
**OPCION B:** 28.9 percent MAC.  
**OPCION C:** 29.1 percent MAC.

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8700 What is the CG in inches of datum for Loading Conditions WT-4? (See figures 76, 79, and 80) A  
**OPCION A:** 908.4 inches.  
**OPCION B:** 909.0 inches.  
**OPCION C:** 909.5 inches.

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8701 What is the CG in percent of MAC for Loading Conditions WT5? (See figures 76, 79, and 80) B  
**OPCION A:** 25.6 percent MAC.  
**OPCION B:** 26.7 percent MAC.  
**OPCION C:** 27.2 percent MAC.

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8702 What is the gross weight index for Loading Conditions WT-6? (See figures 77, 79, and 80) C  
**OPCION A:** 181,340.5 index.  
**OPCION B:** 156,545.0 index.  
**OPCION C:** 165,991.5 index.

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8703 What is the CG in percent of MAC for Loading Conditions WT7? (See figures 77, 79, and 80) C  
**OPCION A:** 21.6 percent MAC.  
**OPCION B:** 22.9 percent MAC.  
**OPCION C:** 24.0 percent MAC.

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8704 What is the CG in percent of MAC for Loading Conditions WT8? (See figures 77, 79, and 80) C  
**OPCION A:** 29.4 percent MAC.  
**OPCION B:** 30.0 percent MAC.  
**OPCION C:** 31.3 percent MAC.

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8705 What is the gross weight index for Loading Conditions WT-9? (See figures 77, 79, and 80) A  
**OPCION A:** 169,755.2 index.  
**OPCION B:** 158,797.9 index.  
**OPCION C:** 186,565.5 index.

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8706 What is the CG in percent of MAC for Loading Conditions WT 10? (See figures 77, 79, and 80) C  
**OPCION A:** 27.0 percent MAC.  
**OPCION B:** 27.8 percent MAC.  
**OPCION C:** 28.0 percent MAC.

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8707 What is the CG in percent of MAC for Loading Conditions WT 11? (See figures 78, 79, and 80) C  
**OPCION A:** 26.8 percent MAC.  
**OPCION B:** 27.5 percent MAC.  
**OPCION C:** 28.6 percent MAC.

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8708 Ref.Fig. 78,79,80 B  
What is the CG in percent of MAC for Loading Conditions WT 12?  
**OPCION A:** 25.8 percent MAC.  
**OPCION B:** 26.3 percent MAC.  
**OPCION C:** 27.5 percent MAC.

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8709 Ref. Fig. 78,79,80 A  
What is the CG in percent of MAC for Loading Conditions WT 13?  
**OPCION A:** 28.6 percent MAC.  
**OPCION B:** 29.4 percent MAC.  
**OPCION C:** 30.1 percent MAC.

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8710	Ref. Fig. 78,79,80 What is the CG in percent of MAC for Loading Conditions WT 14?	B
<b>OPCION A:</b>	30.1 percent MAC.	
<b>OPCION B:</b>	29.5 percent MAC.	
<b>OPCION C:</b>	31.5 percent MAC.	

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8711	Ref. Fig. 78,79,80 What is the CG in percent of MAC for Loading Conditions WT 15?	A
<b>OPCION A:</b>	32.8 percent MAC.	
<b>OPCION B:</b>	31.5 percent MAC.	
<b>OPCION C:</b>	29.5 percent MAC.	

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8722	What is the STAB TRIM setting for Operating Conditions G-1? (See figures 81 and 83)	B
<b>OPCION A:</b>	4 ANU.	
<b>OPCION B:</b>	4-1/2 ANU.	
<b>OPCION C:</b>	4-3/4 ANU.	

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8723	What is the STAB TRIM setting for Operating Conditions G-2? (See figures 81 and 83)	A
<b>OPCION A:</b>	6-1/2 ANU.	
<b>OPCION B:</b>	7-1/4 ANU.	
<b>OPCION C:</b>	5-3/4 ANU.	

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8724	What is the STAB TRIM setting for Operating Conditions G-3? (See figures 81 and 83)	C
<b>OPCION A:</b>	3-3/4 ANU.	
<b>OPCION B:</b>	4 ANU.	
<b>OPCION C:</b>	4-1/4 ANU.	

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8725	What is the STAB TRIM setting for Operating Conditions G-4? (See figures 81 and 83)	C
<b>OPCION A:</b>	2-3/4 ANU.	
<b>OPCION B:</b>	4 ANU.	
<b>OPCION C:</b>	2-1/2 ANU.	

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8726	What is the STAB TRIM setting for Operating Conditions G-5? (See figures 81 and 83)	B
<b>OPCION A:</b>	3-1/4 ANU.	
<b>OPCION B:</b>	2-3/4 ANU.	
<b>OPCION C:</b>	2-1/2 ANU.	

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8769	What is the maximum allowable weight that may be carried on a pallet which has the dimensions of 33.5 X 48.5 inches?  Floor load limit - 76 lb/sq ft Pallet weight - 44 lb Tiedown devices - 27 lb	C
<b>OPCION A:</b>	857.4 pounds.	
<b>OPCION B:</b>	830.4 pounds.	
<b>OPCION C:</b>	786.5 pounds.	

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8770	What is the maximum allowable weight that may be carried on a pallet which has the dimensions of 36.5 X 48.5 inches?  Floor load limit - 112 lb/sq ft Pallet weight - 45 lb Tiedown devices - 29 lb	B
<b>OPCION A:</b>	1,331.8 pounds.	
<b>OPCION B:</b>	1,302.8 pounds.	
<b>OPCION C:</b>	1,347.8 pounds.	

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8771 What is the maximum allowable weight that may be carried on a pallet which has the dimensions of 42.6 X 48.7 inches? B

Floor load limit - 121 lb/sq ft  
Pallet weight - 47 lb  
Tiedown devices - 33 lb

- OPCION A:** 1,710.2 pounds.  
**OPCION B:** 1,663.2 pounds.  
**OPCION C:** 1,696.2 pounds.
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8772 What is the maximum allowable weight that may be carried on a pallet which has the dimensions of 24.6 X 68.7 inches? A

Floor load limit - 85 lb/sq ft  
Pallet weight - 44 lb  
Tiedown devices - 29 lb

- OPCION A:** 924.5 pounds.  
**OPCION B:** 968.6 pounds.  
**OPCION C:** 953.6 pounds.
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8773 What is the maximum allowable weight that may be carried on a pallet which has the dimensions of 34.6 X 46.4 inches? A

Floor load limit - 88 lb/sq ft  
Pallet weight - 41 lb  
Tiedown devices - 26 lb

- OPCION A:** 914.1 pounds.  
**OPCION B:** 940.1 pounds.  
**OPCION C:** 981.1 pounds.
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8776 What is the maximum allowable weight that may be carried on a pallet which has the dimensions of 33.5 X 48.5 inches? B

Floor load limit - 66 lb/sq ft  
Pallet weight - 34 lb  
Tiedown devices - 29 lb

- OPCION A:** 744.6 pounds.  
**OPCION B:** 681.6 pounds.  
**OPCION C:** 663.0 pounds.
- 

8777 What is the maximum allowable weight that may be carried on a pallet which has the dimensions of 36.5 X 48.5 inches? C

Floor load limit - 107 lb/sq ft  
Pallet weight - 37 lb  
Tiedown devices - 33 lb

- OPCION A:** 1,295.3 pounds.  
**OPCION B:** 1,212.3 pounds.  
**OPCION C:** 1,245.3 pounds.
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8778 What is the maximum allowable weight that may be carried on a pallet which has the dimensions of 42.6 X 48.7 inches? A

Floor load limit - 117 lb/sq ft  
Pallet weight - 43 lb  
Tiedown devices - 31 lb

- OPCION A:** 1,611.6 pounds.  
**OPCION B:** 1,654.6 pounds.  
**OPCION C:** 1,601.6 pounds.
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8779 What is the maximum allowable weight that may be carried on a pallet which has the dimensions of 24.6 X 68.7 inches? B

Floor load limit - 79 lb/sq ft  
Pallet weight - 43 lb  
Tiedown devices - 27 lb

- OPCION A:** 884.1 pounds.  
**OPCION B:** 857.1 pounds.  
**OPCION C:** 841.1 pounds.
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8781 What is the maximum allowable weight that may be carried on a pallet which has the dimensions of 143 X 125.2 inches? C

Floor load limit - 209 lb/sq ft  
Pallet weight - 197 lb  
Tiedown devices - 66 lb

- OPCION A:** 25,984.9 pounds.  
**OPCION B:** 25,787.9 pounds.  
**OPCION C:** 25,721.9 pounds.
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8787 What is the maximum allowable weight that may be carried on a pallet which has the dimensions of 138.5 X 97.6 inches? B

Floor load limit - 235 lb/sq ft  
Pallet weight - 219 lb  
Tiedown devices - 71 lb

- OPCION A:** 21,840.9 pounds.  
**OPCION B:** 21,769.9 pounds.  
**OPCION C:** 22,059.9 pounds.
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8788 What is the maximum allowable weight that may be carried on a pallet which has the dimensions of 96.1 X 133.3 inches? A

Floor load limit - 249 lb/sq ft  
Pallet weight - 347 lb  
Tiedown devices - 134 lb

- OPCION A:** 21,669.8 pounds.  
**OPCION B:** 21,803.8 pounds.  
**OPCION C:** 22,120.8 pounds.
- 

8789 What is the maximum allowable weight that may be carried on a pallet which has the dimensions of 87.7 X 116.8 inches? A

Floor load limit - 175 lb/sq ft  
Pallet weight - 137 lb  
Tiedown devices - 49 lb

- OPCION A:** 12,262.4 pounds.  
**OPCION B:** 12,448.4 pounds.  
**OPCION C:** 12,311.4 pounds.
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8790 What is the maximum allowable weight that may be carried on a pallet which has the dimensions of 98.7 X 78.9 inches? C

Floor load limit - 183 lb/sq ft  
Pallet weight - 161 lb  
Tiedown devices - 54 lb

- OPCION A:** 9,896.5 pounds.  
**OPCION B:** 9,735.5 pounds.  
**OPCION C:** 9,681.5 pounds.
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8791 What minimum floor load limit must an aircraft have to carry the following pallet of cargo? C

Pallet size is 78.9 wide and 98.7 long  
Pallet weight - 161 lb  
Tiedown devices - 54 lb  
Cargo weight - 9,681.5 lb

**OPCION A:** 185 lbs/sq ft.  
**OPCION B:** 179 lbs/sq ft.  
**OPCION C:** 183 lbs/sq ft.

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8844 What is the minimum floor load limit that an aircraft must have to carry the following pallet of cargo? A

Pallet dimensions are 39 X 37 inches  
Pallet weight - 37 lbs.  
Tiedown devices - 21 lbs  
Cargo weight - 1,094.3 lbs.

**OPCION A:** 115 lbs/sq ft.  
**OPCION B:** 112 lbs/sq ft.  
**OPCION C:** 109 lbs/sq ft.

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8845 What is the minimum floor load limit that an aircraft must have to carry the following pallet of cargo? C

Pallet dimensions are 37.5 X 35 inches  
Pallet weight - 34 lbs.  
Tiedown devices - 23 lbs.  
Cargo weight - 1,255.4 lbs.

**OPCION A:** 152 lbs/sq ft.  
**OPCION B:** 148 lbs/sq ft.  
**OPCION C:** 144 lbs/sq ft.

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8846 What is the minimum floor load limit that an aircraft must have to carry the following pallet of cargo? B

Pallet dimensions are 48.5 X 33.5 inches  
Pallet weight - 44 lbs.  
Tiedown devices - 27 lbs.  
Cargo weight - 786.5 lbs.

**OPCION A:** 79 lbs/sq ft.  
**OPCION B:** 76 lbs/sq ft.  
**OPCION C:** 73 lbs/sq ft.

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8847 What is the minimum floor load limit that an aircraft must have to carry the following pallet of cargo? B

Pallet dimensions are 116.8 X 87.7 inches  
Pallet weight - 137 lbs.  
Tiedown devices - 49 lbs.  
Cargo weight - 12,262.4 lbs.

**OPCION A:** 172 lbs/sq ft.  
**OPCION B:** 176 lbs/sq ft.  
**OPCION C:** 179 lbs/sq ft.

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8848 What is the minimum floor load limit that an aircraft must have to carry the following pallet of cargo? C

Pallet dimensions are 78.9 X 98.7 inches  
Pallet weight - 161 lbs.  
Tiedown devices - 54 lbs.  
Cargo weight - 9,681.5 lbs.

**OPCION A:** 180 lbs/sq ft.  
**OPCION B:** 186 lbs/sq ft.  
**OPCION C:** 183 lbs/sq ft.

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