

TEMA: 0116 ATP - (CHAP. 05) WEIGHT & BALANCE

COD PREG:	PREGUNTA:	RPTA:
PREG20078395	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.	
PREG20078388	(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.	
PREG20078387	(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.	
PREG20078390	(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.	
PREG20078389	(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.	
PREG20078391	(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.	
PREG20078392	(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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PREG20078393	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.	

PREG20078422	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.	

PREG20078423	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.	

PREG20078428	What is the STAB TRIM setting for Operating Conditions G-1? (See figures 81 and 83)	B
OPCION A:	4 ANU.	
OPCION B:	4-1/2 ANU.	
OPCION C:	4-3/4 ANU.	

PREG20078425	Ref. Fig. 78,79,80 What is the CG in percent of MAC for Loading Conditions WT 13?	A
OPCION A:	28.6 percent MAC.	
OPCION B:	29.4 percent MAC.	
OPCION C:	30.1 percent MAC.	

PREG20078427	Ref. Fig. 78,79,80 What is the CG in percent of MAC for Loading Conditions WT 15?	A
OPCION A:	32.8 percent MAC.	
OPCION B:	31.5 percent MAC.	
OPCION C:	29.5 percent MAC.	

PREG20078426	Ref. Fig. 78,79,80 What is the CG in percent of MAC for Loading Conditions WT 14?	B
OPCION A:	30.1 percent MAC.	
OPCION B:	29.5 percent MAC.	
OPCION C:	31.5 percent MAC.	

PREG20078421	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.	

PREG20078424	Ref.Fig. 78,79,80 What is the CG in percent of MAC for Loading Conditions WT 12?	B
OPCION A:	25.8 percent MAC.	
OPCION B:	26.3 percent MAC.	
OPCION C:	27.5 percent MAC.	

PREG20078420	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.	

PREG20078413	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.	

PREG20078418	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.	

PREG20078417	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.	

PREG20078416	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.	

PREG20078415	What is the CG in percent of MAC for Loading Conditions WT3? (See figures 76, 79, and 80)	A
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- OPCION A:** 27.8 percent MAC.
OPCION B: 28.9 percent MAC.
OPCION C: 29.1 percent MAC.
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- PREG20078414 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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- PREG20078412 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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- PREG20078411 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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- PREG20078429 What is the STAB TRIM setting for Operating Conditions G-2? (See figures 81 and 83) A
- OPCION A:** 6-1/2 ANU.
OPCION B: 7-1/4 ANU.
OPCION C: 5-3/4 ANU.
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- PREG20078410 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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- PREG20078419 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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- PREG20078430 What is the STAB TRIM setting for Operating Conditions G-3? (See figures 81 and 83) C
- OPCION A:** 3-3/4 ANU.
OPCION B: 4 ANU.

OPCION C: 4-1/4 ANU.

PREG20078448 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.

PREG20078432 What is the STAB TRIM setting for Operating Conditions G-5? (See figures 81 and 83) B

OPCION A: 3-1/4 ANU.

OPCION B: 2-3/4 ANU.

OPCION C: 2-1/2 ANU.

PREG20078409 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.

PREG20078452 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.

PREG20078451 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.

PREG20078450 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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PREG20078449 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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PREG20078447 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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PREG20078446 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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PREG20078445 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

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- OPCION A:** 12,262.4 pounds.
OPCION B: 12,448.4 pounds.
OPCION C: 12,311.4 pounds.
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PREG20078444 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.
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PREG20078431 What is the STAB TRIM setting for Operating Conditions G-4? (See figures 81 and 83) C

- OPCION A:** 2-3/4 ANU.
OPCION B: 4 ANU.
OPCION C: 2-1/2 ANU.
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PREG20078443 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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PREG20078441 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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PREG20078440 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.

PREG20078439 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.

PREG20078438 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.

PREG20078437 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.

PREG20078436 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.

PREG20078435 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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PREG20078434 What is the maximum allowable weight that may be carried on a pallet which has the dimensions of 36.5 X 48.5 inches? B

Floor load limit - 112 lb/sq ft
Pallet weight - 45 lb
Tiedown devices - 29 lb

- OPCION A:** 1,331.8 pounds.
OPCION B: 1,302.8 pounds.
OPCION C: 1,347.8 pounds.
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PREG20078433 What is the maximum allowable weight that may be carried on a pallet which has the dimensions of 33.5 X 48.5 inches? C

Floor load limit - 76 lb/sq ft
Pallet weight - 44 lb
Tiedown devices - 27 lb

- OPCION A:** 857.4 pounds.
OPCION B: 830.4 pounds.
OPCION C: 786.5 pounds.
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PREG20078442 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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PREG20078408 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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PREG20078399	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.	

PREG20078406	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.	

PREG20078381	(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.	

PREG20078380	(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.	

PREG20078379	(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.	

PREG20078378	(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.	

PREG20078377	(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.	

PREG20078376	(Refer to Figures 3, 6, 8, 9, 10, and 11.) What is the CG shift if all passengers in rows 2 and 4 are deplanned under Loading Conditions BE-4?	C
OPCION A:	2.5 inches aft.	
OPCION B:	2.5 inches forward.	
OPCION C:	2.0 inches aft.	
PREG20078375	(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.	
PREG20078374	(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.	
PREG20078373	(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.	
PREG20078372	(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.	
PREG20078371	(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.	
PREG20078369	(Refer to Figures 3, 6, 8, 9, 10, and 11.) What is the CG in inches from datum under Loading Conditions BE-2?	B
OPCION A:	Station 295.2.	
OPCION B:	Station 292.9.	
OPCION C:	Station 293.0.	

PREG20078368 (Refer to Figures 3, 6, 8, 9, 10, and 11.) What is the CG in inches from datum under Loading Conditions BE-1? B

OPCION A: Station 290.3.
OPCION B: Station 285.8.
OPCION C: Station 291.8.

PREG20078367 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

OPCION A: 8,403.7 pounds.
OPCION B: 8,321.8 pounds.
OPCION C: 8,290.8 pounds.

PREG20078366 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

OPCION A: 6,767.8 pounds.
OPCION B: 6,873.7 pounds.
OPCION C: 6,796.8 pounds.

PREG20078365 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

OPCION A: 1,948.0 pounds.
OPCION B: 1,995.0 pounds.
OPCION C: 1,981.0 pounds.

PREG20078364 What are the empty weight and balance currency requirements for aircraft used under RAP 135? C

OPCION A: 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.

OPCION 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.

OPCION C: The empty weight and CG of multiengine aircraft must have been calculated from an actual weighing within the previous 36 calendar months.

PREG20078363 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

OPCION A: Multiengine aircraft, preceding 36 calendar months.

OPCION B: Multiengine and single-engine aircraft, preceding 36 calendar months.

OPCION C: Multiengine aircraft, last 36 calendar months; single-engine, last 24 calendar months.

PREG20078407 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.

PREG20078382 (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.

PREG20078383 (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

PREG20078370 (Refer to Figures 3, 6, 8, 9, 10, and 11.) What is the CG in inches from datum under Loading Conditions BE-3? A

OPCION A: Station 288.2.

OPCION B: Station 285.8.

OPCION C: Station 290.4.

PREG20078385 (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.

PREG20078405	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.	

PREG20078384	(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.	

PREG20078404	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.	

PREG20078403	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.	

PREG20078402	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.	

PREG20078400	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.	

PREG20078398	Fig. 44 What is the new CG if the weight is removed from the forward compartment under Loading Conditions WS 1?	A
OPCION A:	27.1 percent MAC.	
OPCION B:	26.8 percent MAC.	
OPCION C:	30.0 percent MAC.	

PREG20078397	Fig. 44 Where is the new CG if the weight is shifted from the forward to the aft compartment under Loading Conditions WS 5?	A
OPCION A:	+19.15 index arm.	
OPCION B:	+13.93 index arm.	
OPCION C:	-97.92 index arm.	

PREG20078396	Fig. 44 What is the new CG if the weight is shifted from the aft to the forward compartment under Loading Conditions WS 4?	B
OPCION A:	37.0 percent MAC	
OPCION B:	23.5 percent MAC	
OPCION C:	24.1 percent MAC	

PREG20078401	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.	

PREG20078394	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.	

PREG20078386	(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.	
