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<b>TEMA:</b> 0646	COM-RTC - Navigation - Chap. 9	
<b>COD_PREG:</b> 5306	<b>PREGUNTA:</b> GIVEN: Pressure altitude ..... 12,000 ft True air temperature ..... + 50°F From the conditions given, the approximate density altitude is:	<b>RPTA:</b> B
<b>OPCION A:</b>	11,900 feet	
<b>OPCION B:</b>	14,130 feet.	
<b>OPCION C:</b>	18,150 feet.	

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5307	GIVEN: Pressure altitude ..... 5,000 ft True air temperature ..... + 30°C From the conditions given, the approximate density altitude is:	B
<b>OPCION A:</b>	7,200 feet.	
<b>OPCION B:</b>	7,800 feet.	
<b>OPCION C:</b>	9,000 feet.	

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5308	GIVEN: Pressure altitude ..... 6,000 ft True air temperature ..... + 30°C From the conditions given, the approximate density altitude is:	B
<b>OPCION A:</b>	9,000 feet.	
<b>OPCION B:</b>	5,500 feet.	
<b>OPCION C:</b>	5,000 feet.	

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5309	GIVEN: Pressure altitude ..... 7,000 ft True air temperature ..... + 15°C From the conditions given, the approximate density altitude is:	B
<b>OPCION A:</b>	5,000 feet.	
<b>OPCION B:</b>	8,500 feet.	
<b>OPCION C:</b>	9,500 feet.	

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5477	You have flown 52 miles, are 6 miles off course, and have 118 miles yet to fly. To converge on your destination, the total correction angle would be	C
<b>OPCION A:</b>	3°	
<b>OPCION B:</b>	6°	
<b>OPCION C:</b>	10°	

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5478	GIVEN: Distance of course ..... 9 mi Distance flown ..... 95 mi Distance to fly ..... 125 mi To converge at the destination, the total correction angle would be	C
<b>OPCION A:</b>	4°	
<b>OPCION B:</b>	6°	
<b>OPCION C:</b>	10°	

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5481	Given: Wind ..... 175° at 20kts Distance ..... 135 NM True..... 075° True airspeed..... 80 kts Fuel consumption..... 105 lb/hr Determine the time en route and fuel consumption	C
<b>OPCION A:</b>	1 hour 28 minute and 73.2 pounds	
<b>OPCION B:</b>	1 hour 38 minutes and 158 pounds	
<b>OPCION C:</b>	1 hour 40 minutes and 175 pounds	

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5495 The ADF is turned to a radiobeacon. If the magnetic heading is 040 and the relative bearing is 290° the magnetic bearing TO that radiobeacon would be C

**OPCION A:** 150°

**OPCION B:** 285°

**OPCION C:** 330°

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5496 If the relative bearing to a nondirectional radiobeacon is 045° and the magnetic heading is 355° the magnetic bearing TO that radio beacon would be A

**OPCION A:** 040°

**OPCION B:** 065°

**OPCION C:** 220°

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