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**TEMA:** 0638 COM-RTC - Basic Aerodynamics - Chap. 1

**COD PREG:** PREG20098399 **PREGUNTA:** Which procedure should you follow to avoid wake turbulence if a large jet crosses your course from left to right approximately 1 mile ahead and at your altitud? **RPTA:** A

**OPCION A:** Make sure you are slightly above the path of the jet.

**OPCION B:** Slow your airspeed to AV and maintain altitude and course.

**OPCION C:** Make sure you are slightly below the path of the jet and perpendicular to the course.

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PREG20098401 When landing behind a large aircraft, which procedure should be followed for vortex avoidance? A

**OPCION A:** Stay above its final approach flightpath all the way to touchdown.

**OPCION B:** Stay below and to one side of its final approach flightpath.

**OPCION C:** Stay well below its final approach flightpath and land at least 2,000 feet behind.

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PREG20098398 During the takeoff made behind a departing large jet airplane, the pilot can minimize the hazard of wingtip vortices by A

**OPCION A:** Being airborne prior to reaching the jet's flightpath until able to turn clear of its wake.

**OPCION B:** Maintaining extra speed on takeoff and climbout.

**OPCION C:** Extending the takeoff roll and not rotating until well beyond the jet's rotation point.

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PREG20098400 To avoid possible wake turbulence from a large jet aircraft that has just landed prior to your takeoff, at which point on the runway should you plan to become airborne? A

**OPCION A:** Past the point where the jet touched down.

**OPCION B:** At the point where the jet touched down, or just prior to this point.

**OPCION C:** Approximately 500 feet prior to the point where the jet touched down.

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PREG20098396 Which maximum range factor decreases as weight decreases? B

**OPCION A:** Altitud

**OPCION B:** Airspeed

**OPCION C:** Angle of attack

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PREG20098397 Choose the correct statement regardin wake turbulence. B

**OPCION A:** Vortex generation begins with the initiation of the takeoff roll.

**OPCION B:** The primary hazard is loss of control because of induced roll.

**OPCION C:** The gratest vortex strength is produced when the generatin airplane is heavy, clean, and fast.

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PREG20098395	When the angle of attack of a symmetrical airfoil is increased, the center of pressure will ..	A
<b>OPCION A:</b>	Have very limited movement.	
<b>OPCION B:</b>	Move aft along the airfoil surface.	
<b>OPCION C:</b>	Remain unaffected.	

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