

Republic Airways RJet Cadet

All Companies

Study Guide Page Tutorial



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 - Human Resource Questions
- Interview Process Details / Paperwork / Questions 🖳 Technical Questions
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Human Resource Questions

- 1. Do you have any checkride failures to include oral, written, or stage checks?
- 2. Are you able to work in the United States?
- 3. What are three qualities of a good FO that you embody?
 - (5) I use aviation decision making to assess risk and determine the appropriate course of ctions. I am a good communicator and not afraid to ask questions or point out safety oncerns. I care about the customers we fly and about the company I work for.
 - Like this Answer



- (6) The biggest reason for me is quality of life I find that the pilot domicile locations are a perfect match for me, the company has a good safety record, I have heard good things about the ways the pilots are treated, and they seem to enjoy the aircraft they fly.
- Like this Answer
- Flag Incorrect Answer
- (2) Airplanes, Crew Bases, Safety Record
- Like this Answer
- Flag Incorrect Answer

Answer this question!

- 5. Tell us about your aviation background.
- 6. How would you define CRM and it's importance?
 - (7) Crew resource management is the crew effectively using all resources available to them to achieve a safe flight. Its important to work together to minimize workload and ensure cockpit safety.
 - Like this Answer
 - Flag Incorrect Answer

Answer this question!

- 7. Tell me about a time you were unsure about the safety of the flight, but the Captain wasn't worried?
- Answer this question!
- 8. What personal skills/traits do you possess (not education or training) that would make you a good First Officer?
 - (6) leadership, cooperative, patient
 - Like this Answer
 - Flag Incorrect Answer

- 9. Explain a time where you had a disagreement with someone you shared the cockpit with (CFI, crew, etc).
 - j) Several times while flying jumpers it was requested that I let them jump through clouds. I simply let them know that the FARs prohibited that and I wasn't going to allow unsafe



10. How did you hear about Republic?

- (4) I heard about republic through my colleagues at work, some of which have since gone on to work at the company.
- Like this Answer
- Flag Incorrect Answer
- (2) I heard about the republic through my instructor at flight school, I decide it to attend event and it did spark my interest after listening to reccruiters
- Like this Answer
- Flag Incorrect Answer

Answer this question!

11. Why do you want to be part of the cadet program?

- (4) always wanted to fly, like repubic's model ect
- Like this Answer
- Flag Incorrect Answer
- (2) It's a well-defined path to an airline career.
- Like this Answer
- Flag Incorrect Answer
- (2) Always wanted to fly and have fun doing it, love the Embraer platform, really like the base locations and company atmosphere, and truly find the mentorship aspect to be extremely valuable (holds you accountable throughout your training progress etc.)
- Like this Answer
- Flag Incorrect Answer

Answer this question!

12. Tell me 2 traits that describe you and how they relate to a first officer role?

- (6) Team worker, Attention to details
- Like this Answer
- Flag Incorrect Answer
- (2) I'm very much a team player and comfortable with being delegated duties and being assigned discrete tasks as part of a mission-oriented team. Having said that, if something pesn't seem right I have no problem requesting clarification and the reasoning behind the assigned task.
- ▲ I ika thie Anewar



Flag Incorrect Answer

Answer this question!

13. Tell us about yourself?

14. How did you get interested in aviation?

- (3) very young age sitting at KIND on one of my very first commercial flights (Northwest Airlines to Orlando) and watching what I thought was a massive airplane (regional jet) parked at the gate
- Like this Answer
- Flag Incorrect Answer
- (1) Growing up, my father was a fighter pilot and he has since moved on to his current position, working as a captain at southwest. My whole life I have gone to airshows and been around aviation, so it really is a life long dream of mine to become a pilot.
- Like this Answer
- Flag Incorrect Answer

☑ Answer this question!

15. Tell me about a time when you had a conflict with a pilot in the air or on the ground.

- (1) Was on a solo flight at Kent State one day. Had to extend downwind leg to maintain separation from instrument traffic(should've broken off per FOM). So I broke off out of the pattern and had to re-enter. The pilot apologized and safety report was made.
- Like this Answer
- Flag Incorrect Answer
- (0) The uncontrolled airport where I was flying jumpers has a lot of student traffic. We typically make a call over the CTAF 5 minutes prior to jumping requesting that pilots not overfly midfield. While setting up for the jump run, I heard a student pilot saying he was overflying midfield to enter the pattern and also saw him on ADS-B. I elected to abort the jump run and circled until the area was clear before allowing the jumpers to exit the aircraft. The student had not been monitoring the CTAF and we had a very quick discussion of how he could get an idea of what was going on at his destination by switching to the CTAF 10 miles out and announcing his arrival in the area.
- Like this Answer
- ▼ Flag Incorrect Answer



unique to their cadet program?

- (3) Republic's commitment to technology, diversity and inclusivity (use core values of the company)
- Like this Answer
- Flag Incorrect Answer

Answer this question!

- 18. Have you had any accidents or incidents?
- 19. What is one strength and one weakness you have?
 - (2) one strength self-motivated, and my weakness sometimes I get uncomfortable dealing with someone who has negative personality .
 - Like this Answer
 - Flag Incorrect Answer

Answer this question!

- 20. Have you ever been suspended or put on notice, etc. by the FAA?
- 21. What is your total time?
- 22. Tell me about a time you had an issue with another pilot.
 - (2) As a stage check instructor in my current work, I had an instructor challenge a stage check failure because he believed the maneuver needed to be performed a certain way, with the student present. When addressing the issue I had the student wait in the lobby and we both went over the ACS and the company's maneuver's guide and realized that he was teaching the maneuver wrong, I explained to the instructor the importance of maintaining currency in the company's procedures and he accepted the failed stage check.
 - Like this Answer
 - Flag Incorrect Answer

Answer this question!

- 23. Where is the Republic headquarters located?
 - (4) Indianapolis, IN
 - **♦** Like this Answer
 - Flag Incorrect Answer



25. What stage of flight training are you in?

26. What is one quality that you have that will help you in this career?

- (4) Situational awareness
- Like this Answer
- Flag Incorrect Answer
- (4) I'm very much a team player and realize that a crew has to work together to accomplish a goal safely
- Like this Answer
- Flag Incorrect Answer

Answer this question!

27. How would I handle a difficult crew member?

- (4) Address the issue with the crew member. I would remain respectful and professional. I would mitigate the issue with the crew member and keep their view point in mind. I would come up with a solution to the issue that we can both agree on. I would know when it is necessary to escalate the issue to HR.
- Like this Answer
- Flag Incorrect Answer

⚠ Answer this question!

28. What three words would describe yourself.

- (2) Loyal, trustworthy, and respect authority and chain of command.
- Like this Answer
- Flag Incorrect Answer

Answer this question!

29. Tell about a time you had to make a quick decision.

- (2) flying practice approaches with a safety pilot. NAV radio became inop with no functioning GPS. I had to make the quick decision to terminate the practice approach and resume the flight with a visual approach.
- Like this Answer
 - **▼** Flag Incorrect Answer



officer once I reach my ATP minimums.

- Like this Answer
- Flag Incorrect Answer

Answer this question!

31. What does at pilots discretion mean?

View 1 Answer

- Answer this question!
- 32. How would you handle a Captain who didn't want to follow SOPs and do things their own way?

View 1 Answer

- **Answer this question!**
- 33. Do you have a passport?
- 34. How I would handle a drunk crew member?

View 1 Answer

- Answer this question!
- 35. What superhero do you most identify with?
- **Answer this question!**
- 36. Who is the CEO of Republic?

View 1 Answer

- **Answer this question!**
- 37. How do you bounce back from a rough day?
- **Answer this question!**

Interview Process Details / Paperwork / Questions

What kind of planes do we fly?



40. How many hubs do we have?

View 2 Answers

Answer this question!

Phone / Virtual

41. What made you want to be a pilot?

View 1 Answer

- **Answer this question!**
- 42. Can you tell me a time when you made a difficult decision in the airplane?
- **Answer this question!**

Technical Weather Questions

43. What does A02 mean on a METAR?

View 1 Answer

- **Answer this question!**
- 44. What defines a ceiling on a weather report?

View 1 Answer

- **Answer this question!**
- 45. What weather defines IFR?

View 1 Answer

- **Answer this question!**
- 46. How long is a TAF valid for?

View 1 Answer

\nswer this question!

47. What is the radius of a TAF?



48. What is SLP and the T group on a METAR?

View 1 Answer

Answer this question!

49. What is a TEMPO on a TAF?

View 1 Answer

Answer this question!

50. What are the different types of structural icing, how do you define the intensities?

View 2 Answers

Answer this question!

51. How often are TAFs published?

View 1 Answer

Answer this question!

52. How long does a microburst typically last?

View 1 Answer

Answer this question!

53. What does UUA stand for?

View 1 Answer

Answer this question!

54. What is a microburst?

View 1 Answer

Answer this question!

What is Virga?



Answer this question!

57. What causes clear air turbulence?

View 1 Answer

Answer this question!

58. What can you expect when the temperature and dew point are close to the same number?

View 2 Answers

- **Answer this question!**
- 59. What is D-ATIS?

View 1 Answer

Answer this question!

60. What is a SPECI in a METAR?

View 1 Answer

Answer this question!

61. What are the different intensities of turbulence?

View 1 Answer

Answer this question!

62. What will the weather look like at 1700 according to this TAF? KORD 020906Z 0209/0312 24008KT P6SM SCT050 SCT250 FM021600 24012G22KT P6SM SCT050 BKN250 FM022000 25012G22KT P6SM VCTS BKN050CB TEMPO 0222/0302 1 1/2SM TSRA SCT025 OVC035CB FM030300 23006KT P6SM VCSH SCT040 BKN100

View 1 Answer

\nswer this question!

63. What does FICON Notam 555 mean?



64. What is the difference between light chop and light turbulence

View 1 Answer

Answer this question!

Technical Aircraft Systems Questions

- 65. Describe a system on your current aircraft?
- 66. What is the max fuel range of your current aircraft?
- 67. Tell me any 3 limitations of an aircraft of your choice (Can be as simple as 3 V-Speeds)
- 68. Can you describe the fuel system on your current aircraft?
- 69. Describe the electrical system for the airplane you currently fly.
- 70. If the alternator dies how long will your battery last?

View 1 Answer

- **Answer this question!**
- 71. What is the average fuel burn on your current aircraft?
- 72. Tell me about the engine on an airplane you have flown?

View 1 Answer

Answer this question!

Technical Aerodynamics Questions

73. Where would you land after a heavy aircraft landed?

View 2 Answers

Answer this question!

Where would you take off after a heavy aircraft departed?



Answer this question!

76. Why wouldn't we go flying with icing on our wings?

View 1 Answer

- **Answer this question!**
- 77. What is adverse yaw?

View 2 Answers

- **⚠** Answer this question!
- 78. How does maneuvering speed change with weight?

View 2 Answers

- **Answer this question!**
- 79. What is Coffin corner and mach tuck?

View 1 Answer

- Answer this question!
- 80. What is a stall?

View 1 Answer

- Answer this question!
- 81. What is induced drag?

View 1 Answer

- **Answer this question!**
- 82. What is maneuvering speed and when do we use it?

'iew 2 Answers



84. What does MMO mean?

View 1 Answer

Answer this question!

85. Can you stall at straight and level flight

View 1 Answer

Answer this question!

86. Difference between AOA and pitch attitude

View 1 Answer

Answer this question!

Technical Maps / Plates / Airport Markings Questions

87. What is the color of threshold lights?

View 1 Answer

Answer this question!

88. What color is a civilian airport beacon?

View 1 Answer

Answer this question!

89. What does it mean if during takeoff you notice the centerline lights change to red on the runway?

View 1 Answer

Answer this question!

90. What is the MSA and what is its radius?

View 1 Answer



92. What are the limits of Class A airspace?

View 1 Answer

Answer this question!

93. What does the ARP mean on Jepp airport plate?

View 1 Answer

Answer this question!

94. What color are lead on / lead off high speed taxiway lights?

View 1 Answer

Answer this question!

95. What is the FAF on an approach?

View 1 Answer

Answer this question!

96. What do yellow runway edge lights signify?

View 2 Answers

Answer this question!

97. Where can you find out which side of the runway the papi is on?

View 2 Answers

Answer this question!

98. What does it mean when the runway lights change color on rollout?

View 1 Answer

Answer this question!

How do you know when to go missed on on a LOC approach?



Answer this question!

101. How do you activate the Pilot Controlled Lighting (PCL) at an airfield?

View 1 Answer

Answer this question!

102. What does a white/white/green beacon mean?

View 1 Answer

Answer this question!

103. How far out is a localizer effective for?

View 1 Answer

Answer this question!

104. What is a displaced threshold and how does it affect the runway length?

View 1 Answer

Answer this question!

105. How far out is the glideslope reliable?

View 1 Answer

Answer this question!

106. What does it mean when it says VGSI and ILS glidepath are not coincident?

View 1 Answer

Answer this question!

107. What does the "D22.1 IVZE" mean on the ILS Rwy 28C Jepp chart?

'iew 1 Answer



AICAN I WIIDAAC

Answer this question!

109. Define the Touchdown Zone?

View 1 Answer

Answer this question!

110. What does it mean when the runway lights alternate red and white?

View 1 Answer

Answer this question!

View 1 Source

Technical Problem Solving Questions

111. If you're told to cross a fix at FL180, then the next controller instructs your to descend to 14,000ft, do you still comply with the FL180 crossing restriction?

View 2 Answers

Answer this question!

112. What would you do if the captain was flying an unstable approach?

View 2 Answers

Answer this question!

113. At a groundspeed of 480, how many miles per minute are you traveling?

View 1 Answer

Answer this question!

114. On a cross country flight, how often do you update your altimeter setting?

View 1 Answer

Answer this question!

115. What would you do if you were unable to reach the next controlling frequency?



Answer this question!

Technical Regulations Questions

117. If ATC advises you to use the best forward speed, can you go faster than 250kts below 10,000ft?

View 1 Answer

Answer this question!

118. What is the max speed below 10,000ft?

View 1 Answer

Answer this question!

119. What are standard IFR fuel requirements?

View 1 Answer

Answer this question!

120. What are holding speed restrictions?

View 1 Answer

Answer this question!

121. What altimeter setting is required crossing into FL180?

View 1 Answer

Answer this question!

122. When is an alternate required?

View 2 Answers

Answer this question!

3. What is the speed limits in class B airspace?



Answer this question!

125. What is the max airspeed in bravo airspace?

View 1 Answer

Answer this question!

126. If you were at the DA and saw flashing lights coming towards you, what are they and can you continue?

View 2 Answers

Answer this question!

127. What is RVSM airspace?

View 1 Answer

Answer this question!

128. What does RVR mean?

View 1 Answer

Answer this question!

129. When climbing through 18,000ft what do you need to do?

View 1 Answer

Answer this question!

130. When we need a take-off alternate?

View 2 Answers

Answer this question!

131. What is the difference between "Descend and maintain FL240" and "Descend FL240 ilot's discretion"



Answer this question!

133. What is the max holding speed at 15,000ft?

View 1 Answer

Answer this question!

134. What is defined as instrument meteorological conditions?

View 2 Answers

Answer this question!

135. What are required to see in order to land on an approach?

View 1 Answer

Answer this question!

136. What does it mean if an airport beacon is on during the daytime?

View 1 Answer

Answer this question!

137. What would you do if inside the FAF the visibility drops below minimums?

View 1 Answer

Answer this question!

138. Can you continue an approach if the weather drops below minimums prior to the FAF?

View 2 Answers

Answer this question!

139. What is the difference between descend and maintain?

iew 1 Answer



Answer this question!

141. if you have two alternates on a flight plan how much fuel do you need to take?

View 1 Answer

Answer this question!

142. If the visibility is 1/4SM can you accept this approach?

View 1 Answer

Answer this question!

143. You are at 12,000 feet and are told to maintain 300kts. The next controller tells you to descend and maintain 8,000. Do you still have to maintain 300 kts?

View 1 Answer

Answer this question!

144. What code do you set the transponder to if you have lost comms?

View 1 Answer

Answer this question!

145. What is an MEL?

View 1 Answer

Answer this question!

146. Where is RVSM airspace and what separation is provided?

View 2 Answers

Answer this question!

¹47. What does descend pilots discretion mean?

iew 1 Answer



Answer this question!

149. When do you slow down prior to a hold?

View 1 Answer

Answer this question!

150. What is a stabilized approach?

View 1 Answer

Answer this question!

151. What is the recommended wait time to fly after a scuba dive?

View 1 Answer

Answer this question!

Technical Other Questions

152. What are the four types of hypoxia?

View 1 Answer

Answer this question!

153. What information are you required to know before every flight?

View 1 Answer

Answer this question!

154. What is hypoxia?

View 1 Answer

Answer this question!

. What is the IMSAFE checklist?



Answer this question!

157. What would you do if while flying you look over at your Captain and his lips/fingertips are blue, what is happening likely?

View 2 Answers

Answer this question!

158. What airspace is 20,000 feet in?

View 1 Answer

Answer this question!

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Answer:	
(this is optional)	
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