AVIATION 101 WITH LAURA

Example First Officer Interview Questions

What do you think it means to be a professional?

Why do you want to work for our airline?

What does it mean to be a good first officer?

What is accelerate stop?

What is V1?

What is V2?

What is a critical engine?

What engine is critical on a conventional twin?

What is the squawk Code for Emergency? Communications Failure? Hijack?

What required documents need to be in the airplane?

Can you fly to Alaska or Hawaii without a radio license?

EXPECT TO LOOK AT A JEPPESEN AIRPORT DIAGRAM: LARGE CLASS B AIRPORT

What is the name of this airport?

When is a takeoff alternate required?

Can you take off with 3/2/3 RVR? (Compare with Jeppesen 10-9A charts)

Can you take off with 3/M/3 RVR? (Compare with Jeppesen 10-9A charts)

Airport Reference Point symbol

Displaced Threshold symbol

Stopway/Blast Pad symbol

EMAS definition and symbol

Declared Runway Distance

Landing Distance Available

LAHSO: How do you know when it exists? What is it?

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EXPECT TO LOOK AT A JEPPESEN SID

What Speed/Altitude Restrictions are on here?

Be able to brief the initial climb and then any restrictions/requirements.

What is the magenta ring (and altitude) shown around the airport? (MSA)

What is the top altitude of the SID?

Find the highest obstacle on the SID.

EXPECT TO LOOK AT A JEPPESEN ENROUTE CHART

Find Class B, C, and D airspaces

What are the Class B, C, and D speed limits?

What does grid MORA guarantee in mountainous vs. non-mountainous terrain ?

How does this chart show special use airspace (green slashes vs. magenta slashes)?

Know how to find MOA, Alert Area, Prohibited Area, Restricted Area

What are the max holding speeds at 15000'? 10000'? 5000'?

EXPECT TO LOOK AT A JEPPESEN STAR

What Speed/Altitude Restrictions are on here?

What is the 3:1 rule and how can you apply it on this STAR? How many miles out from [pick a fix] should we start our descent?

What's the bottom altitude on this STAR?

What is the magenta ring (and altitude) shown around the airport? (MSA)

How does this STAR show a radar vector transition (at the end of the STAR)?

EXPECT TO LOOK AT A JEPPESEN APPROACH PLATE (ILS IS LIKELY)

What is the FAF on this ILS? (Important note: it's glideslope intercept!)

What is a DA? What is it on this specific approach?

What is the lowest visibility you can have on this approach with everything working?

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Can you descend below DA? (Important note: check the lighting available because if it has ALSF-II and you see the red bar lights, you can continue to land!)

What if you see the PAPI on the wrong side of the runway after going visual? (You are likely lined up on the parallel, if has parallel runways. You should fly the missed approach.)

Can you proceed on this approach if visibility drops below approach minimums between the IAF and FAF?

Can you proceed on this approach if visibility drops below approach minimums and you've gone past the FAF?

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