


APS MCC A320 SELF STUDY QUESTIONS

GBR.ATO.0385

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SELF STUDY QUESTIONS

Jet Transitioning

Why must a pilot be careful not to use too much roll input on the takeoff roll?
Define Coffin corner

Pitch & Power settings

IMPORTANT: Please carefully learn the pitch attitudes.


Pitch / Power Settings (Aircraft Mass - 60T)			
Phase of Flight	Approx. Thrust Setting (N1)	Pitch Attitude	Speed
Initial Climb	Take-off / Green line	15° then pitch for SRS	SRS
Level, clean - 280kts	65%	2°	280 kts
Level, clean - 250kts	62%	3°	250 kts
Level, clean - 220kts	59%	4.5°	220 kts
Level, clean – Green Dot	58%	5.5°	205 kts
Level, flap 1; S Speed	60%	7.5°	186 kts
Level, flap 2; F Speed	63%	8°	143 kts
Gear down, Flap Full 3° G/S (Vls + 5)	57%	3°	Vapp

Aircraft Systems

Which aircraft system computes Managed Speed?
How many normal electrical generators does the A320 have?

What is the maximum speed for selecting Flap 1, Flap 2 and Flap Full?
What is the maximum speed for extending and retracting the landing gear?

What does FMA stand for?
What does ELAC stand for?
What does ECAM stand for?
What does E/WD stand for?
What does TAT stand for?

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Where would you find the following values on the EFIS displays of:-

- Groundspeed?
- Wind Vector?
- Rad Alt?
- Mach No.?
- Track line?

The fuel system contains ____ fuel tanks each with ____ fuel pumps

Icing conditions are defined as TAT of +____ or below in visible moisture

Where is the TAT gauge on the A320?

What types of Ice protection systems are on the A320?

There are three VHF comms boxes. What are they used for within VA Ops?

Name the Thrust Lever detents?

How do you select TOGA (Takeoff/Go Around)?

Where are the autothrottle disconnect switches located?

What are the five FMA windows?

When does the Rad Alt become live during the descent?

In which Control Law would you find the most protections?

SOPs

Should the crew be interrupted during the 'Critical Data Entry' procedure, from where should the crew continue this procedure?

What items are completed in the departure review before take-off?

In what position should the spoilers selector be positioned for take-off?

There are 5 items in the Entering the Runway Procedure. What are they?

Why stabilize the thrust at 50% before continuing with the takeoff?

How is climb thrust selected after a normal takeoff?


What call does PF make when climbing through 1000ft AGL on a normal takeoff and an EFATO?

When a climb requires a change of altimeter setting, which should be selected first; the altimeter sub scale or a vertical mode?

When initially cleared to a flight level what are the standard calls for PF and PM?

When passing FL100/10000ft in the descent what are the 3 actions required?

What are the crew actions passing MSA in the descent?

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What call does PF make when climbing through 1000ft AGL on a two-engined go around?

What configuration is recommended for an extended base leg prior to an ILS (3D) Approach?

What should the PM say if the PF has flown more than 1 dot off the localizer?

All approaches must be stable by 500'RA. What 6 parameters must be met to be considered stable?

What are the two possible PM calls when passing 500ft RA on approach?

What parameters will PM use to call 'SPEED' and 'SINK RATE'?

Having called for FDs off, what should the PF do regarding FMA?

What does the PF say a minimums assuming no visual reference?

How does the PF initiate a normal Go Around?

What happens when you select TOGA following a fully automated ILS approach?

When the PF calls "Go Around, Flaps" what does the PM do with the Flap Lever?

When can the PF call "Flaps 1" during a takeoff or Go Around?

During a NPA (2D) how would you correct the FPA is say 100' high to regain the profile within a mile?

How long should the crosswind leg be for a Circling Approach?

How long should you fly downwind from abeam the runway threshold for a Circling Approach?

When should the PM complete the after landing procedure?

Abnormals

What would cause you to stop above 100kts on takeoff?

If you notice a sudden loss of thrust in one engine after passing V1 speed, what should you do?

What does the Captain call to initiate an RTO?

What speed does the F/O call whilst stopping during an RTO?

What is the F/O's first action after the aircraft has come to a stop during an RTO?

During a V1 Cut, when does the PF state "My Radio, ECAM Actions"?

What is the earliest time that the PF can state "My Radio, ECAM Actions" during a V1 Cut?

What is the definition of Engine Secure with an Eng Fail with damage?

How does the PF command the aircraft to accelerate after an Engine Failure on T/O?

What does the PF call to initiate a Windshear Escape?


What are the differences between a Normal Go Around & a Windshear Escape?

What is called for by the PF at Acceleration Altitude after a Single Engine Go Around?

What call should be made to ATC by the PM during a TCAS RA?

What actions does the PF make with a TCAS TA?

Memory Items

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What are the memory items of the QRH procedure for Stalling?

What are the memory items of the QRH procedure for Terrain Escape?

What are the memory items for the Windshear Escape Manoeuvre?

Briefing

When Briefing, the PF should start with the acronym W.A.N.T. What do these letters stand for?

What is meant by the “TOPHAT” sequencing method of briefing?