

<b>Código Área conocimiento</b>	<b>Código de pregunta</b>	<b>Área de conocimiento</b>	<b>Pregunta</b>	<b>Respuesta correcta</b>	<b>Opción A</b>	<b>Opción B</b>	<b>Opción C</b>	<b>Opción D</b>
AD-PCA-G200	1	Generalidades	Zone 1 of the Engine fire protection system monitors which part of the engine?	B	The pylon	The accessories and compressor sections	The accessory section only	The compressor sections only
AD-PCA-G200	2	Generalidades	Which annunciator comes on during an engine overheat condition in zone 1 of the engine?	B	OVERHT	FIRE	FIRE and OVERHT	The abort light
AD-PCA-G200	3	Generalidades	Zone 2 of the Engine fire protection system monitors which part of the engine?	C	Accessories section	Compressor section	Combustor section	The accessories and the compressor section
AD-PCA-G200	4	Generalidades	What cockpit warnings take place during an overheat engine condition in zone 2?	A	Audio alarm, OVERHT annunciator	Audio alarm, FIRE annunciator	Just an OVERHT annunciator	Just a FIRE annunciator
AD-PCA-G200	5	Generalidades	The fire/overheat detection consists of a ____.	C	Light and heat detector	Smoke detectors	Gas-filled sensor	Vibration/Flame sensor.
AD-PCA-G200	6	Generalidades	The left side fire bottle can be used on the ____.	D	Left engine only	Left engine and APU	Left engine, Right engine, or APU	Left or Right engine
AD-PCA-G200	7	Generalidades	The right side fire bottle can be used on the ____.	C	Left engine only	Left engine and APU	Left engine , Right engine, or APU	Left or Right engine
AD-PCA-G200	8	Generalidades	When does the EMPTY light illuminate?	D	When the FIRE annunciator illuminates	When the OVERHT annunciator illuminates	When either the FIRE or OVERHT annunciator illuminates	Only after the illuminated ARM pushbutton is pressed.
AD-PCA-G200	9	Generalidades	The PRESS TO TEST pushbutton, in the center of the fire control panel, tests what?	A	Electrical circuits, integrity of sensor (detector) tube, and extinguishing cylinders discharge cartridges	Electrical circuits only	Integrity of sensor (detector) tube only	Extinguishing cylinders discharge cartridges only

AD-PCA-G200	10	Generalidades	____ Indicator lights in the PRESS TO TEST pushbutton come on to indicate integrity of respective extinguisher cylinder discharge cartridges.	C	Two	Three	Four	Five
AD-PCA-G200	11	Generalidades	What does the APU provide?	B	Hydraulic pressure for the slats	Electrical power and Bleed air to the ECS.	Used as an auxiliary coffee maker	Extra thrust to the engines to maintain mach .95.
AD-PCA-G200	12	Generalidades	The APU uses the ____ battery for starting.	A	Right	Left	Emergency	It has its own self contained battery
AD-PCA-G200	13	Generalidades	When will the APU automatically shutdown ?	D	Low EGT	Engine Fire	APU door open	Overspeed.
AD-PCA-G200	14	Generalidades	When may the APU generator be switched on?	C	Anytime	10 minutes after starting	After the APU READY message comes on	5 minutes after starting.
AD-PCA-G200	15	Generalidades	Pressing the APU fire pushbutton does all of the following except:	D	Arms the APU fire extinguisher for operation	Shuts down the APU	Closes the APU fuel shutoff valve	Empties the fire bottle
AD-PCA-G200	16	Generalidades	Which fire bottle does the APU use?	B	Left	Right	Emergency	It does not use a fire bottle.
AD-PCA-G200	17	Generalidades	Where is the APU EMERGENCY KILL switch located?	D	On the center pedestal	Co-pilot's glareshield	Overhead panel	Inside the ground service panel on the right side of the airplane.
AD-PCA-G200	18	Generalidades	Which switch do you push to empty a fire bottle into the APU?	C	The right side ARM/EMPTY button	The left side ARM/EMPTY button	The overhead ARM/EMPTY button	The right, left, or overhead it does not matter.

AD-PCA-G200	19	Generalidades	How do I use APU bleed air?	A	Move the ECS switch to APU	Move the ECS switch to Both	Move the ECS switch to EMER	Move the ECS switch to RAM.
AD-PCA-G200	20	Generalidades	Which of the following systems are powered by hydraulics?	D	Gear, Q-feel spring, wheel brakes, slats	Air brakes, nosewheel steering, thrust reversers, slats	Krueger flaps, stick pusher, thrust reversers, slats	None of the above.
AD-PCA-G200	21	Generalidades	Which systems are powered by both hydraulic systems?	C	Krueger flaps and stick pusher	Air brakes and thrust reversers	Ailerons and elevators	None of the above.
AD-PCA-G200	22	Generalidades	Which items are powered by the left hydraulic system?	A	Left thrust reverser, emergency brakes, outboard airbrakes	Right thrust reverser, emergency brakes, outboard airbrakes	Wheel brakes, landing gear, Q-feel spring	Stick pusher, landing gear, outboard airbrakes.
AD-PCA-G200	23	Generalidades	How can you set the brakes without the engines running?	A	Turning the aux hydraulic pump that is electrically actuated on	They are manual brakes that are cable driven	Using emergency brakes with zero accumulator pressure	It cannot be done without the engines running.
AD-PCA-G200	24	Generalidades	What is normal hydraulic pressure?	C	2250-3250	2500-3000	2700-3250	3000-3500
AD-PCA-G200	25	Generalidades	Emergency wheel brakes power is provided by?	D	An accumulator	Left hydraulics	Right hydraulics	Either A or B
AD-PCA-G200	26	Generalidades	When does the q-feel system come on?	C	100 KIAS	125 KIAS	150 KIAS	200 KIAS
AD-PCA-G200	27	Generalidades	What does the left hydraulic accumulator power?	D	One T/R deployment	Parking brakes	Six applications of emergency brakes for a total of 50 seconds	Either A or C.
AD-PCA-G200	28	Generalidades	What is the towing angle of the nose wheel without disconnecting the torque link?	B	100 degrees	+ - 100 degrees	60 degrees	- 60 degrees

AD-PCA-G200	29	Generalidades	How can you override the gear handle if it will not come up?	C	Use your pilot in command authority voice	Have the copilot pull real hard	Use the DOWNLOCK OVERRIDE button	None of the above
AD-PCA-G200	30	Generalidades	What does the GEAR NOT DOWN message mean?	D	Landing gear is not down and locked with radar altitude of less than 800 ft	One thrust lever at or below max cruise detent or flaps more than 25 degrees	None of the above	Both A and B required.
AD-PCA-G200	31	Generalidades	When is braking available?	B	Not until after touchdown and wheel spin-up above 25 kts	Not until after touchdown and wheel spin-up above 35 kts	Not until after touchdown and wheel spin-up above 15 kts	Immediately upon touchdown
AD-PCA-G200	32	Generalidades	How do the ground airbrakes differ from the flight airbrakes?	D	Faster rate of extension	Slower rate of extension	They only come out after aircraft touchdown	Both A and C
AD-PCA-G200	33	Generalidades	Is it Ok to reverse your flap selection when the flaps are still moving in the opposite direction?	B	Yes	It is not recommended	Never	None of the above
AD-PCA-G200	34	Generalidades	The standby instruments use the _____ pitot static tube input.	B	Pilot's	Copilot's	Pilot's and Copilots	Center
AD-PCA-G200	35	Generalidades	How many generators are there on the airplane, and what is their voltage?	C	One, 28V/400 amp	Two, 25V/400 amp	Three, 28V/400 amp	Two, 28V/400 amp
AD-PCA-G200	36	Generalidades	How many batteries are on the airplane?	A	Two main 24V/43AH, One emergency 24V/27AH	Two 24V/27 AH	Three 24V/43AH	One 28 V/43 AH.
AD-PCA-G200	37	Generalidades	Which battery does the APU use for starting?	B	Left	Right	Emergency	All of them.
AD-PCA-G200	38	Generalidades	How many minutes of power does the emergency battery supply to the emergency bus?	C	10 minutes	20 minutes	30 minutes	1 Hour

AD-PCA-G200	39	Generalidades	Which bus powers the heavy load consumers such as the fuel pumps, hydraulic auxiliary pump and flap motors?	B	Emergency Bus	Battery Bus	Left main bus	Right main bus.
AD-PCA-G200	40	Generalidades	During engine start, how is the emergency bus fed?	D	From the left main bus	From the right main bus	From the battery bus	From the emergency battery
AD-PCA-G200	41	Generalidades	The BATTERY OVERHT caution comes on when the battery temperature is above ____.	D	130 F	140 C	130 C	140 F
AD-PCA-G200	42	Generalidades	What does the OVRD L position on the EMERGENCY BUS switch do?	B	Connects the emergency bus to the right main bus	Connects the emergency bus to the left main bus	Connects the emergency battery to the right main bus	Connects the emergency battery to the left main bus
AD-PCA-G200	43	Generalidades	What does an EMER BUS FAIL message mean?	C	Its lunch time	Battery bus voltage below 18V	Emergency bus voltage below 18V	Either B or C
AD-PCA-G200	44	Generalidades	What does the EMER BATT DISCHARGE message mean?	B	The left main battery has failed	The emergency bus is fed by the emergency battery	Both A and B	The battery temperature is over 140 F
AD-PCA-G200	45	Generalidades	When does the MAIN BATT DISCHARGE message come on?	D	When one battery voltage is below 25 +/- .1 Vdc for more than 90 seconds	When both battery voltages are below 25 +/- .1 Vdc for more than 90 seconds	At least one engine is running	Both B and C.
AD-PCA-G200	46	Generalidades	How many fuel tanks are there?	C	Five	Six	Seven	Eight
AD-PCA-G200	47	Generalidades	What is the last fuel tank before the fuel is sent to the engine?	D	Wing	Forward	Fuselage	Feed

AD-PCA-G200	48	Generalidades	How are the feed jet pumps for each engine powered?	C	Electrically	Hydraulics	Motive Flow	There are no feed jet pumps.
AD-PCA-G200	49	Generalidades	In the auto mode, when does the standby fuel pump come on?	A	Fuel pressure drops below 6 psi	Fuel pressure drops below 4 psi	None of the above	Both A and B
AD-PCA-G200	50	Generalidades	What does a FUEL WING UNBAL message mean?	B	Asymmetry between left and right wing fuel quantity greater than 600 lb	Asymmetry between left and right wing fuel quantity greater than 300 lb	Asymmetry between left and right wing fuel quantity greater than 400 lb	Asymmetry between left and right wing fuel quantity greater than 500 lb.
AD-PCA-G200	51	Generalidades	What does a FUEL LEVEL LOW message mean?	B	Fuel level in both wing tanks is less than 300 lb (approx. 960 lb total)	Fuel level in either wing tank is less than 300 lb (approx 960 lb total)	Fuel level in the forward fuselage is less than 300 lb (approx 960 lb total)	None of the above
AD-PCA-G200	52	Generalidades	The PW306A engine is a ____ spool turbofan engine.	B	One	Two	Three	Four
AD-PCA-G200	53	Generalidades	The inner shaft supports the low (LP) compressor (fan) and is driven by a ____ stage turbine.	C	One	Two	Three	Four
AD-PCA-G200	54	Generalidades	The accessory gearbox is driven by the ____ rotor shaft.	B	LP rotor shaft (N1)	HP rotor shaft (N2)	Equal air rotor shaft (N3)	QS rotor
AD-PCA-G200	55	Generalidades	When the EICAS indicator points at the yellow band, thrust should be reduced to bring the pointer to the ____ band.	C	Red	Yellow	Green	White

AD-PCA-G200	56	Generalidades	What is the purpose of the FADEC?	D	Regulates high pressure rotor speed (N2)	Regulates low rotor speed (N1)	Adjusts output based on pilot-operated Thrust lever, ambient conditions, and pilot and aircraft inputs	All of the above
AD-PCA-G200	57	Generalidades	The go-around switch on the outboard of each thrust lever will do which of the following when pressed?	D	Disconnect the autopilot	Leave the yaw damper engaged	Position the flight director command bar to 9 degrees nose up	All of the above
AD-PCA-G200	58	Generalidades	When do the NO SMOKING and FASTEN SEAT BELTS lights come on automatically?	B	When ditching	When the nose gear uplock is released	When the slats are lowered	They do not come on automatically
AD-PCA-G200	59	Generalidades	Maximum Interstage Turbine Temperature (ITT) during start is_____:	C	No limit	920°C	950°C	890°C
AD-PCA-G200	60	Generalidades	Maximum time limit for normal take-off thrust, APR activated, or reverses thrust?	D	No limit	2 minutes	10 minutes	5 minutes
AD-PCA-G200	61	Generalidades	What is the minimum oil temperature for starting?	A	-35°C	0°C	-35°F	-40°C
AD-PCA-G200	62	Generalidades	What is the maximum approved operating altitude with both the autopilot and yaw damper disengaged?	A	41,000 ft	45,000 ft	50,000 ft	40,000 ft
AD-PCA-G200	63	Generalidades	What is maximum airspeed for Krueger Flap extension?	C	195 KIAS	225 KIAS	250 KIAS	200 KIAS

AD-PCA-G200	64	Generalidades	What is the minimum altitude that you can engage the autopilot after take-off?	D	200 ft AGL	300 ft AGL	400 ft AGL	500 ft AGL
AD-PCA-G200	65	Generalidades	What is the minimum engaged height for the autopilot on a precision approach?	B	100 ft AGL	80 ft AGL	200 ft AGL	400 ft AGL
AD-PCA-G200	66	Generalidades	What is the minimum engaged height for the autopilot on a non-precision approach?	D	100 ft AGL	80 ft AGL	200 ft AGL	300 ft AGL
AD-PCA-G200	67	Generalidades	What kinds of operations is the G200 approved for when appropriate instruments, equipment and provisions required by airworthiness and or operating regulations, are installed and approved and are in operable condition?	D	Day/Night VFR	Day/Night IFR	Extended overwater and known icing conditions	All of the above
AD-PCA-G200	68	Generalidades	The external emergency lights include:	D	Left main escape route and airstairs light	Right over-wing escape route light	Right ground escape route light	All of the above
AD-PCA-G200	69	Generalidades	How are the emergency lights powered?	A	Battery packs located on the emergency light boxes	Left main battery	Right main battery	Emergency battery
AD-PCA-G200	70	Generalidades	What causes the emergency lights to come on if the switch is in the ARM position?	D	Loss of an engine	Scream meter	Loss of hydraulics	Loss of electrical power
AD-PCA-G200	71	Generalidades	What are the sources of bleed air for the ECS system?	D	Left engine	Right engine	APU	All of the above
AD-PCA-G200	72	Generalidades	What is bleed air used for in the ECS system?	C	Pressurization	Air conditioning	Both A and B	None of the above



AD-PCA-G200	73	Generalidades	What is maximum airspeed for flaps 12° extension?	C	195 KIAS	225 KIAS	250 KIAS	200 KIAS
AD-PCA-G200	74	Generalidades	What is the maximum airspeed for flaps 40° extension?	A	195 KIAS	225 KIAS	250 KIAS	200 KIAS
AD-PCA-G200	75	Generalidades	What is the maximum landing gear extension speed and altitude?	B	195 and 25,000 feet	195 and 20,000 feet	225 and 25,000 feet	225 and 20,000 feet.
AD-PCA-G200	76	Generalidades	In the manual mode, cabin altitude is limited to ____.	A	14,000 +-500 ft	12,500 ft	10,000 ft	No limit.
AD-PCA-G200	77	Generalidades	What is the maximum landing field elevation allowed to be selected in the auto mode?	D	10,000 ft	11,000 ft	12,000 ft	14,000 ft
AD-PCA-G200	78	Generalidades	What does the Dump pushbutton do?	C	Dumps the auto lavatory	Used to rate the last hotel we stayed at	Dumps the cabin pressure	None of the above.
AD-PCA-G200	79	Generalidades	What does the Ditch pushbutton do?	D	Opens the outflow valve so the tail sinks evenly	Digs a hole for the auto lavatory	Both A and B	Closes the outflow valve to keep water out
AD-PCA-G200	80	Generalidades	What does the BAGG/SMOKE pushbutton do?	B	Opens the baggage door	Isolates the baggage compartment from the cabin	Allows the passengers to smoke	Calls the first officer to ask for help with the baggage.
AD-PCA-G200	81	Generalidades	What does the CABIN ALT HIGH message mean?	A	Cabin altitude above 10,000 ft	Cabin pressure above 8.8 psi	Cabin altitude above 14,000 ft	Cabin pressure above 8.65 psi
AD-PCA-G200	82	Generalidades	Where is the oxygen supply bottle located?	D	In the lavatory	In the closet	In the co-pilots seat	In the nose section
AD-PCA-G200	83	Generalidades	What is normal pressure for the oxygen bottle?	C	1,300 psi	1,500 psi	1,850 psi	2,775 psi

AD-PCA-G200	84	Generalidades	How is an overpressure of the oxygen bottle handled?	A	A blowout metal disc will blow out at 2,500-2,775 psi	There is no relief for the system	The bottle leaks down to prevent a blow out	None of the above
AD-PCA-G200	85	Generalidades	Where is the crew oxygen masks located?	C	Connected to the back of the seat	In a box in the ceiling	Side consoles	None of the above
AD-PCA-G200	86	Generalidades	How is the passenger masks activated?	C	Automatically	Manually by the crew	Either A or B	None of the above
AD-PCA-G200	87	Generalidades	How is the passenger oxygen masks oxygen flow begun?	C	A switch in the closet	It flows from the beginning	Pulling the lanyard	Both A and C
AD-PCA-G200	88	Generalidades	How many therapeutic oxygen outlets are there?	B	One	Two	Three	Four
AD-PCA-G200	89	Generalidades	What does the oxygen control switch do in auto (Before Mod 20195)?	D	Activates passenger oxygen automatically if the landing field elevation is 8500 ft or below, and the cabin pressure exceeds 13,500 +/- 250 ft.	Activates passenger oxygen automatically if the landing field elevation is above 8500 ft, and the cabin pressure exceeds 14,750 +/- 250 ft.	None of the above	Both A and B
AD-PCA-G200	90	Generalidades	What is the maximum battery temperature allowed?	C	100°C	140°C	140°F	100°F
AD-PCA-G200	91	Generalidades	What is the maximum ramp weight allowed?	A	35,600 lbs	35,450 lbs	32,000 lbs	24,000 lbs
AD-PCA-G200	92	Generalidades	Which of the following systems are used to protect the aircraft and aid the air crew when operating in ice and rain conditions?	D	Engine Anti-icing, Ice detectors, Probe heats	Windshield heat, Windshield wipers	Wing/Stab De-icing boots	All of the above

AD-PCA-G200	93	Generalidades	The HEAT-PROBES switch heats which items?	D	Pitot probes	Static ports	Total Air Temperature probe and Angle of Attack probe	All of the above
AD-PCA-G200	94	Generalidades	How many ice detectors are located on the airplane?	B	One	Two	Three	Four
AD-PCA-G200	95	Generalidades	The normal cycle of the De-ice boots with the De-ice switch turn on is?	C	42 seconds of inflation followed by 18 seconds of suction	40 seconds of inflation followed by 18 seconds of suction	18 seconds of inflation followed by 42 seconds of suction	18 seconds of inflation followed by 40 seconds of suction
AD-PCA-G200	96	Generalidades	The TAT probe is mounted on the ___ side of the forward fuselage.	B	Left	Right	Center	The roof
AD-PCA-G200	97	Generalidades	The main AOA probe heating element is fully powered in flight or when the PROBE HEAT switch is set to the ____ position.	C	On	Auto	Override	Off
AD-PCA-G200	98	Generalidades	How many windshield zones are heated in the LOW position of the W/S heat?	C	One	Two	Three	Four
AD-PCA-G200	99	Generalidades	How many zones are heated in the HIGH position of the W/S heat?	A	One	Two	Three	Four
AD-PCA-G200	100	Generalidades	Do not operate windshield wipers on a ___ windshield.	B	Wet	Dry	New	Old
