
TEMA: 0956	IA Chapter 3	
COD_PREG: P R E G U N T A:		RPTA:
0001	An alteration made in accordance with an aircraft specification would be	A
OPCION A:	a minor alteration	
OPCION B:	a major alteration	
OPCION C:	accomplished with acceptable data	
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0002	An alteration was done that normally would be considered a major alteration. How could this be signed off as a minor alteration?	B
OPCION A:	If you, as the inspecting IA, determine that the repair will not appreciably change the aircraft's flight characteristics.	
OPCION B:	If the alteration is listed in the appropriate aircraft specification.	
OPCION C:	If the alteration is done in accordance with a Supplemental Type Certificate.	
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0003	As the holder of an inspection authorization, you are performing an annual inspection on a fabric-covered airplane. During the review of the aircraft records you notice that the cover was recently replaced with a synthetic cover. The aircraft documents indicate only grade A cotton material was certificated for the aircraft. The change in covering material would constitute a	C
OPCION A:	minor repair	
OPCION B:	major repair	
OPCION C:	major alteration	
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0004	"Time in service" where turbo-propeller powered airplanes are concerned, is defined in the regulation as	B
OPCION A:	engine startup to engine shutdown	
OPCION B:	airborne to touchdown	
OPCION C:	the time the aircraft first begins to move until it comes to a final stop after the flight (Chock to chock)	
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0005	What is meant by the abbreviation TCAS?	C
OPCION A:	Total Corrected Air Speed	
OPCION B:	Terrain Clearance Activation System	
OPCION C:	Traffic Alert and Collision Avoidance System	
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0006	What is meant by the abbreviation V2?	B
OPCION A:	Stalling Speed	
OPCION B:	Takeoff safety speed	
OPCION C:	Speed for best rate of climb	
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0007	"Certification Procedures for Products and Parts" are found in which Part of Title 14 of the CFR?	B
OPCION A:	RAP Parte 23	
OPCION B:	RAP Parte 21	
OPCION C:	RAP Parte 121	
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0008	Aircraft certificated after what date were required to have an approved flight manual?	C
OPCION A:	July 18, 1978	
OPCION B:	November 1, 1981	
OPCION C:	March 1, 1979	
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0009	If a person alters an aircraft by installing special wing tips, he or she may get approval to duplicate this alteration on the aircraft by the issuance of a	B
OPCION A:	Provisional Type Certificate	
OPCION B:	Supplemental Type Certificate	
OPCION C:	Production Certificate	
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0010	An aircraft with a standard airworthiness certificate could be in which of the following categories?	A
OPCION A:	acrobatic	
OPCION B:	Primary	
OPCION C:	Normal	

0011 An aircraft with a special airworthiness certificate would be in wich of the following categories? B
OPCION A: Utility, acrobatic, and commuter
OPCION B: Primary, restricted, and experimental.
OPCION C: Normal, provisional, and transport.

0012 Which section of 14 CFR provides for the fabrication of aircraft replacement and modification parts? A
OPCION A: 14 CFR, section 21.303.
OPCION B: 14CFR,section 23, Appendix B
OPCION C: 14 CFR,section 45.21

0013 Before a new type of oil filter for a type certificated aircraft engine, manufactured by a person other than the original engine manufacturer, can be sold for installation on that engine, the manufacturer of the filter must be issued a A
OPCION A: Parts Manufacturer Approval
OPCION B: Supplemental Type Certificate
OPCION C: Production Certificate

0014 In what form may an export airworthiness approval for a Class II product (a major component of a complete aircraft, aircraft engine, or propeller) be issued? C
OPCION A: A complete FAA Form 337
OPCION B: A Provisional Airworthiness Certificate
OPCION C: An Airworthiness Approval Tag FAA Form 8130-3

0015 An altimeter that has been approved for installation on a civil aircraft may be manufactured under a B
OPCION A: Supplemental Type Certificate
OPCION B: Technical Standard Order
OPCION C: Production Certificate

0016 Which regulation precibes airworthiness standards for airplanes in the normal, utility, acrobatic, and commuter categories? B
OPCION A: FAR Part 21
OPCION B: FAR Part 23
OPCION C: FAR Part 25

0017 When weighting an aircraft certificated under 14 CFR Part 23 to determine empty weight and center of gravity, wich of the following must be included in the empty weight? B
OPCION A: Fixed ballast, unusable fuel and full operating fluids, including any water intended for injection in thje engine (s)
OPCION B: Unusable fuel, fixed ballast, and full operating fluids.
OPCION C: Unusable fuel, full operating fluids including lavatory precharge water (when installed) and total allowable ballast

0018 When weighting an aircraft certificate under 14 CFR Part 23 to determine empty weight and center of gravity, which fluids should be a part of the empty weight? A
1. Unusable fuel
2. Lavatory precharge water
3. Hydraulic fluid
4. Water intended for injection in the engine
5. Potable water
6. Oil
OPCION A: 1,2,3
OPCION B: 1,2,4,6
OPCION C: All the above

0019 The trim system of a multi-engine airplane must be effective enough that when the critical engine is inoperative and if applicable, its propeller is in the feathered (minimun drag) position, the airplane will maintain longitudinal and directional trim with the lateral control force not to exceed C
OPCION A: 50 pounds
OPCION B: 10 pounds
OPCION C: 5 pounds

0020 The structure of an airplane certificate under 14CFR Part 23 must have a factor of safety of B

OPCION A: 2.3
OPCION B: 1.5
OPCION C: 4.0

0021 What is the smallest diameter cable that can be used in the primary control system of an airplane certificate under 14 CFR Part 23 C

OPCION A: 3/32 inch
OPCION B: 5/32 inch
OPCION C: 1/8 inch

0022 A reciprocating engine using a pump type fuel system has a fuel flow of 100 gallons per hour for maximum takeoff power. How many gallons per hour of fuel must the fuel system for this aircraft be capable of supplying? A

OPCION A: 125 gph
OPCION B: 150 gph
OPCION C: 200 gph

0023 Under 14 CFR Part 23, what type of circuit protective device is required for starter motors? A

OPCION A: Circuit protective devices are not required
OPCION B: Fusible link that is non-accessible to the crew
OPCION C: Trip-free device which cannot be overridden

0024 When may a circuit remain energized with the master switch open? When the circuit C

OPCION A: supplies power to emergency equipment
OPCION B: is an intermittent load of not more than 6 amps
OPCION C: is rated at 5 amps or less and a circuit protective device is adjacent to the power source

0025 An airplane certificated in utility category must have an airspeed placard in clear view of the pilot and as close as practical to the airspeed indicator and listing what information? B

OPCION A: Never - exceed speed (VNE)
OPCION B: Operating maneuvering speed (Vo)
OPCION C: Stalling speed (Vso)

0026 What type of airplanes require a speed warning device? B

OPCION A: swept-wing airplanes
OPCION B: turbine engine powered airplanes
OPCION C: airplanes certificated for IFR flight

0027 During the performance of an annual inspection on a single-engine airplane (reciprocating engine) certificated under 14 CFR Part 23, you notice that the decals around the fuel filler caps state "Fuel, Aviation Gasoline Only" With regard to the certification rule, this marking B

OPCION A: is correct and complete
OPCION B: should state the word "Avgas" and the minimum grade
OPCION C: should state the word "Fuel" the minimum grade, and the capacity of the fuel cell

0028 If the maintenance manual contains required maintenance, it will be listed in the Airworthiness Limitations Section. This section must include C

OPCION A: items having time change intervals
OPCION B: airframe specified inspection intervals and related procedures
OPCION C: both A and B

0029 When you are performing an annual inspection on an aircraft that has instructions for continued airworthiness, which of the following would be considered approved data? C

OPCION A: Structural repair
OPCION B: Maintenance manual
OPCION C: Airworthiness limitation section

0030 Part 27 of 14 CFR prescribes airworthiness standards for wich of the following A
OPCION A: Normal category rotorcraft
OPCION B: Transport category rotorcraft
OPCION C: Both A and B

0031 What are the designed limit maneuvering load factors required for an helicopter certificated under 14 CFR Part 27? C
OPCION A: + 4.0 to -1.6.
OPCION B: + 3.8 to - 1.5.
OPCION C: + 3.5 to -1.0.

0032 The materials used in the seats of a helicopter must be rated at least A
OPCION A: flame resistant
OPCION B: fireproof
OPCION C: fire resistant

0033 The reciprocating engine for a helicopter must be approved under 14 CFR Part B
OPCION A: 27
OPCION B: 33
OPCION C: 29

0034 What is the maximun deviation error allowed in a magnetic direction indicator installed in a helicopter? B
OPCION A: 5 degrees
OPCION B: 10 degrees
OPCION C: 15 degrees

0035 Where are the instructions for Continued Airworthiness for a rotorcraft found? A
OPCION A: In Appendix A of Part 27
OPCION B: In Appendix B of Part 21
OPCION C: In Appendix B of Part 91

0036 Certain systems of rotorcraft are specified by 14 CFR Part 43 to be inspected in accordance with the maintenance manual or Instructions for Continued Airworthiness as provided by the manufacturer concerned. Of the following, which is such a system? C
OPCION A: Engine
OPCION B: Flight controls
OPCION C: Drive shaft

0037 As an IA, you are performing an annual inspection in accordance with 14 CFR Part 43, Appendix D. Would a maintenance manual, or a section thereof, also be required to perform the inspection? A
OPCION A: They are required when part of an approved inspection program
OPCION B: They are required if made mandatory by the type certificate data sheet
OPCION C: Maintenance manuals are optional if an equivalent procedure is used

0038 Each person performing an annual inspection must use a checklist while performing the inspection. The checklist must include the scope and detail of the items in 14 CFR Part 43, Appendix D. In addition to the items in the appendix, additional specif items are required by 14 CFR Part 43 if the aircraft is a C
OPCION A: balloon
OPCION B: multiengine airplane
OPCION C: rotorcraft

0039 Following an annual inspection, if the aircraft is found unairworthy, regulations require a list of discrepanccies and unworthy items be given to whom A
OPCION A: The owner or operator
OPCION B: The owner or operator and the Flight Standards District Office (FSDO)
OPCION C: The owner or operator, the FSDO, and copy for your file

0043 The overhaul of a system or component of an aircraft on a progressive inspection program is considered to be what type of inspection? A

- OPCION A:** Detailed
OPCION B: Routine
OPCION C: Component segment
-

0044 In accordance with 14 CFR Part 43, a component part that has been disassembled, cleaned, inspected, repaired as necessary, reassembled and tested to the same tolerances and limits as a new item is classified as C

- OPCION A:** refurbished
OPCION B: remanufactured
OPCION C: rebuilt
-

0045 In accordance with 14 CFR Part 43, an aircraft engine that has been disassembled, cleaned, inspected, repaired as necessary and reassembled, then tested in accordance with approved standards and technical data is classified as A

- OPCION A:** overhauled
OPCION B: remanufactured
OPCION C: rebuilt
-

0046 What Part of the RAP contains the standards of performance under which the holder of an inspection authorization performs his/her activities? A

- OPCION A:** 14 CFR Part 43
OPCION B: 14 CFR Part 61
OPCION C: 14 CFR Part 91
-

0047 When performing an annual inspection of a helicopter main rotor transmission gearbox, the inspection will be accomplished in accordance with what data? B

- OPCION A:** 14 CFR Part 43, Appendix B
OPCION B: Maintenance manual or instructions for continued airworthiness
OPCION C: Manufacturer's service bulletin
-

0048 As specified by 14 CFR Part 43, which of the following inspections is NOT part of a progressive inspection program? C

- OPCION A:** Initial
OPCION B: Routine
OPCION C: Segment
-

0049 During the annual inspection, you note a minor repair was made to an airframe component by a repair station. The repair was recorded on a work order containing reference to acceptable data and the date of completion. What other information must be on the work order? A

- OPCION A:** Signature and certificate number of person approving the repair
OPCION B: A maintenance release signed by an authorized representative of the repair station
OPCION C: A yellow tag signed by an authorized representative of the repair station
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0050 What RAP of Title 14 of the CFR referred to in § 65.95(a) (1) contains the standards of performance under which a holder of an inspection authorization performs his or her activity? A

- OPCION A:** RAP 43
OPCION B: RAP 63
OPCION C: RAP 135
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0051 Within Title 14 of the Code of RAP, the term "remanufactured" C

- OPCION A:** means an engine has been overhauled to serviceable limits
OPCION B: means an engine has been overhauled to standards that allow zero time to be established
OPCION C: has no specific meaning
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0052 Certain maintenance records are required to be retained until the work is repeated, superseded by other work or for 1 year. An exception to this rule occurs with maintenance records concerning what maintenance? C

- OPCION A:** Engine remanufacture records
OPCION B: 100 hours inspection
OPCION C: Altimeter test and inspection
-

0053 14 CFR Part 43 requires persons performing maintenance to make entries in the Maintenance records. If the logbook entry made per the requirements of &91.417, does this entry also meet the requirements of 14 CFR Part 43? A

- OPCION A:** No it would not be sufficient
OPCION B: Yes, if it is for an inspection only
OPCION C: Yes, it would be sufficient for maintenance and inspections
-

0054 14 CFR RAP 43 requires persons performing maintenance to make entries in the Maintenance records. If the logbook entry is made per the requirements of 14 CFR RAP 43, does this entry also meet the requirements of 14 CFR &91.417 C

- OPCION A:** No, it would not be sufficient
OPCION B: Yes, if it is for an inspection only
OPCION C: Yes, it would be sufficient for maintenance and inspections
-

0055 During the review of an aircraft's records while performing an annual inspection, you discover that the altimeter has not been inspected and tested within the preceding 24 calendar months. If the aircraft meets all other airworthiness requirements, as the inspection authorization, you should C

- OPCION A:** list the altimeter as a deficiency and report the aircraft as unairworthy
OPCION B: approve the aircraft for return to service after placarding the instrument "for day VFR usage only"
OPCION C: approve the aircraft for return to service and advise the owner or operator that the aircraft should not be used under instruments flight rules
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0056 According to Title 14 of the CFR, an engine may be granted zer time by the manufacturer, if it has been B

- OPCION A:** newly overhauled
OPCION B: rebuilt
OPCION C: remanufactured
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0057 You are performing an annual inspection on a small twin -engine airplane. The engine has been "zero-timed" by the manufactured. What would you expect to find in the maintenance records? B

- OPCION A:** A new engine logbook
OPCION B: An appropriate entry by the manufacturer
OPCION C: A Form 337
-

0058 You are performing an annual inspection on a small twin engine airplane. The engine has been "zero timed" by the manufacturer. What woul you expect to find in the maintenance records? A

- OPCION A:** A new engine logbook
OPCION B: A Form 337, work order, and a new engine logbook
OPCION C: An 8130 -3 approval tag, maintenance release and a new engine logbook
-

0059 You are performing an annual inspection on an aircraft where the engine has been "zero timed" by the manufacturer. What does this indicate? A

- OPCION A:** Tht the parts have been inspected and found to meet the manufacturer's new specifications (minimun and maximun dimensions)
OPCION B: That the parts used are new parts
OPCION C: That the parts used meet the serviceable limits as listed in the manufacturer's overhaul manual
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0060 When a normally - aspirated engine having spur - type reduction gearing is overhauled, an DGAC Form 337 is B

- OPCION A:** completed and retained until the engine is again overhauled or removed from the airframe and replaced with a different engine
OPCION B: not required to be completed
OPCION C: completed and retained until the work is repeated or superseded by other work or for 1 year after the work is performed
-

0061 Airframe alterations of the type found in 14CFR Part 43,Appendix A, are major alterations except when listed in A

- OPCION A:** aircraft specification issued by DGAC
OPCION B: supplemental type certificates
OPCION C: manufacturers maintenance manual
-

0062 A duplicate copy of DGAC Form A-337 shall be forwarded to the DGAC office. B
OPCION A: True
OPCION B: False
OPCION C: Not valid option

0063 During the inspection of a complete electrical system installation, you determine the field coils of the generator installed had been rewound. For this work to be acceptable, what kind of maintenance record would you expect to find? C
OPCION A: DGAC Form 337
OPCION B: Repair station maintenance release
OPCION C: Either A or B

0064 For wich of the following would you expect to find a maintenance release? C
OPCION A: Straightening of steel blades
OPCION B: Repair of a propeller governor
OPCION C: Either A or B

0065 If a repair station does a major repair and uses a maintenance release an DGAC Form 337, wich of the following would require a statement for return to service? A
OPCION A: Maintenance release
OPCION B: Form 337
OPCION C: Both A and B

0066 If a repair station does a major repair and uses a maintenance release and a DGAC Form 337, wich of the following would require a description of the work performed? B
OPCION A: Maintenance release
OPCION B: Form 337
OPCION C: Both A and B

0067 A major repair has been completed and you as the inspecting IA have approved the aircraft for return to service. How will you distribute the copies of DGAC Form 337? A
OPCION A: Both copies are returned to the personwho performed the work
OPCION B: One copy is placed in the aircraft records and one copy is sent to the DGAC office within 48 hours
OPCION C: One copy is given to the aircraft owner, one is sent to the DGAC office within 48 hours and one copy is placed in your records.

0068 14 CFR RAP 43 contains several appendixes that deal with maintenance, inspection, repair,alteration, and recordation. Which appendix specifies various alterations, the performance of which is major alteration? A
OPCION A: Appendix A
OPCION B: Appendix B
OPCION C: Appendix C

0069 14 CFR RAP 43 contains several appendixes that deal with maintenance, inspection, repair, alteration, and recordation. Which appendix provides information on the recording of major repairs and major alterations? B
OPCION A: Appendix A
OPCION B: Appendix B
OPCION C: Appendix C

0070 During an annual inspection, in accordance with 14 CFR RAP 43, Appendix D, the altimeter instrument must be inspected for A
OPCION A: marking
OPCION B: calibration
OPCION C: both of the above

0071 The maintenance release used by a repair station to approve a major repair for return to service must be signed by whom? C
OPCION A: An inspection authorization
OPCION B: The A & P mechanic performing the work
OPCION C: An authorized representative of the repair station

0072 Who has the primary responsibility for determining if a repair or alteration is major or minor? B

OPCION A: The DGAC inspector in whose area of responsibility the work is accomplished
OPCION B: The person making the repair or alteration
OPCION C: The DGAC engineer responsible for the area where the work is performed

0073 While reviewing the records of an aircraft during an annual inspection, a major repair by certificated repair station was noted. The repair was recorded on a work order containing a maintenance release from the repair station. However, no DGAC Form 337 could be found in the records. What action should you take as the holder of an inspection authorization? C

OPCION A: Contact the repair station and have them send you an DGAC Form 337 for the repair
OPCION B: Inform the aircraft owner of the oversight and allow he or she to make arrangement for the form
OPCION C: No further action is necessary

0074 Wich of the following would not be a propeller major repair? B

OPCION A: Replacement of tip fabric
OPCION B: Refinishing the blades
OPCION C: Shortening of blades on a wood propeller

0075 You have been asked to inspect and approve for return to service the relocation of a battery. The specific installation will follow the general guidelines of a Supplemental Type Certificate, with the exception that the battery is located 6 inches aft of the location shown on the Supplemental Type Certificate. The aft center of gravity limit is exceeded by 0.1 inch. Concerning the installation, wich of the following is true? A

OPCION A: The deviation to the Supplemental Type Certificate is in itself a major alteration and will require additional approval
OPCION B: The installation could be approved for return to service if an ispection authorization inspects and approves the deviation
OPCION C: The exceeding of the aft center of gravity by 0.1 inch is shown to be negligible by AC 43.13-1B and may be approved as a minor alteration

0076 Arepair station may use a maintenance release in place of an DGAC Form 337 for which of the following work? A

OPCION A: Major repairs
OPCION B: Major alterations
OPCION C: Either A or B

0077 Following the installation of extended range fuel tanks in the baggage compartment of a Cessna model 310, you as the approving authorized inspector, make the required record entries in the aircraft's records and complete the DGAC Form-A-337. What is the distribution of the form? B

OPCION A: One copy is given to the aircraft owner and one is sent to the DGAC Flight Standards Office within 48 hours
OPCION B: One copy is sent to the DGAC, one copy is placed in the aircraft and one is given to the owner.
OPCION C: One copy is placed in the aircraft, one copy is sent to the DGAC Flight Standards Office within 48 hours, and one copy is placed in your records

0078 An aircraft has a cracked aileron control bracket. To restore the aircraft to an airworthy condition, a certificated airframe mechanic reinforces the bracket. This procedure would constitute a A

OPCION A: major repair.
OPCION B: major alteration.
OPCION C: minor repair.

0079 When a repair station makes a major repair to an appliance. the repair may be recorded on a tag attached to the product or on the customer's work order. In either case, the document used must included what information? A

OPCION A: Name of part.
OPCION B: Date of manufacture.
OPCION C: Both A and B.

0080 When a repair station makes a major repair to an appliance, the repair may be recorded on a tag attached to the product or on the customer's work order. In either case, the document used must include what information? C

OPCION A: Name of part.
OPCION B: Manufacturer's name
OPCION C: Both A and B

0081 When a repair station makes a major repair to an appliance, the repair may be recorded on a tag attached to the product or on the customer's work order. In either case, the document used must include what information? A

OPCION A: Manufacturer's name

OPCION B: Date of manufacture.

OPCION C: Both A and B.

0082 When a repair station makes a major repair to an appliance, the repair may be recorded on a tag attached to the product or on the customer's work order. In either case, the document used must include what information? C

OPCION A: Model.

OPCION B: Manufacturer's name.

OPCION C: Both A and B.

0083 In conjunction with your performance of an annual inspection on an aircraft, you determine that the aircraft cannot be approved for return to service due to the fact that one of the following items is missing. Which item is it? C

OPCION A: Airworthiness certificate.

OPCION B: Aircraft registration.

OPCION C: Aircraft data plate.

0084 Parts Manufacturer Approval (PMA) parts not having mandatory replacement times, inspection intervals, or related procedure specified in the airworthiness limitations section of a manufacturer's maintenance manual, or instructions for continued airworthiness, are NOT required to be marked with what information? C

OPCION A: The letters "DGAC PMA."

OPCION B: The trademark.

OPCION C: The serial number.

0085 Parts Manufacturer Approval (PMA) parts are required to be marked with certain information among which is the name and model designation of each type certificated product on which the part is eligible for installation. When that information is so extensive it is impractical to mark on the part, a tag attached to the part or the part's container the information may be B

OPCION A: included on an DGAC Form 337 to accompany the part and be completed at the time of installation.

OPCION B: included in a readily available catalog.

OPCION C: included in the original type certificate data sheet.

0086 Aircraft, aircraft engines, propellers, and propeller blades and hubs are required to be marked with certain identification data. An aircraft engine requires which of the following? C

(1) Builder's name.

(2) Model designation.

(3) Builder's serial number.

(4) Type certificate number, if any.

(5) Production certificate number, if any.

(6) The established rating for aircraft engines.

OPCION A: 1, 3, 4, and 6.

OPCION B: 1, 2, 3, and 6.

OPCION C: All of the above.

0087 Aircraft, aircraft engines, propellers, and propeller blades and hubs are required to be marked with certain identification data. A fixed-pitch propeller requires which of the following? C

(1) Builder's name.

(2) Model designation.

(3) Builder's serial number.

(4) Type certificate number, if any.

(5) Production certificate number, if any.

(6) Part number (or equivalent).

OPCION A: 1, 3, 4, and 6.

OPCION B: 1, 2, 3, and 6.

OPCION C: 1, 2, 3, 4, and 5.

0088 Aeronautical parts, for which a replacement time is specified in the airworthiness limitations section of the manufacturer's maintenance manual, shall be marked with which of the following information? A

(1) Builder's name.
(2) Model designation.
(3) Serial number (or equivalent).
(4) Type certificate number, if any.
(5) Production certificate number, if any.
(6) Part number (or equivalent).

OPCION A: 3 and 6.
OPCION B: 1, 2, and 3.
OPCION C: All of the above.

0089 A small Peruvian-registered aircraft built at least 30 years ago may display registration marks of what size? C

OPCION A: 2 inch.
OPCION B: 12 inch.
OPCION C: Either A or B.

0090 What are the height requirements for the registration marks of a 1975 Cessna model 177RG repainted in 1994? C

OPCION A: 2 inches.
OPCION B: 3 inches.
OPCION C: 12 inches.

0091 What regulation in 14 CFR sets forth the required identification markings on Peruvian-registered civil aircraft? B

OPCION A: 14 CFR Part 43.
OPCION B: 14 CFR Part 45.
OPCION C: 14 CFR Part 47.

0092 A person holding an inspection authorization (IA) may perform an annual inspection and approve aircraft for return to service. The IA may also supervise the performance of which of the following? A

OPCION A: Progressive inspection.
OPCION B: Continuous airworthiness maintenance program.
OPCION C: Both A and B.

0093 Which of the following is NOT a privilege of the holder of an inspection authorization? C

OPCION A: Performing annual inspections and approving for return to service.
OPCION B: Approving major repairs and alterations for return to service when the work is done in accordance with data approved by the Administrator.
OPCION C: Inspecting and approving and aircraft for return to service when the aircraft is on a continuous airworthiness program.

0094 Select the statement which identifies one of the privileges of a mechanic who holds an inspection authorization. A

OPCION A: Inspect and approve for return to service any aircraft or related part or appliance after a major repair or major alteration, if the work was done in accordance with technical data approved by the Administrator.
OPCION B: Perform or supervise an annual inspection.
OPCION C: Inspect and approve for return to service a major repair to an aircraft maintained in accordance with an Approved Aircraft Inspection Program.

0095 Which of the following is the holder of an inspection authorization privileged to perform? A

OPCION A: An annual inspection, or perform or supervise a progressive inspection according to 14 CFR Sections 43.13 and 43.15.
OPCION B: Return to service large aircraft maintained in accordance with a continuous airworthiness program under 14 CFR Part 121 or 127 after they have undergone major alterations.
OPCION C: Perform or supervise an annual inspection of larger aircraft.

0096 The inspection authorization will cease to be effective when the holder no longer has A

OPCION A: available facilities.
OPCION B: a current subscription to technical standards orders.
OPCION C: a business location where he or she will exercise his or her inspection authority.

0097	Before exercising the privileges of the authorization after changing his or her fixed base of operation, the holder of an inspection authorization must	A
OPCION A:	notify in writing the DGAC office in the area in which the new base is located of the change.	
OPCION B:	not exercise the authority until both the DGAC office, in the old and new districts, are notified in writing of the change.	
OPCION C:	notify the DGAC office where the original authorization was held that he or she intends to relocate and the date of the intended move.	
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0098	The holder of an inspection authorization may NOT approve a major repair for return to service unless	B
OPCION A:	he or she has performed or supervised the performance of a similar repair for which he or she intends to inspect and return to service.	
OPCION B:	the repair was done in accordance with technical data approved by the Administrator.	
OPCION C:	the product was repaired or altered by a certificated mechanic holding both airframe and powerplant ratings.	
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0099	What Part of 14 CFR referred to in 14 CFR Section 65.95(a)(1) contains the standards of performance under which a holder of an inspection authorization performs his or her activity?	A
OPCION A:	14 CFR Part 43.	
OPCION B:	14 CFR Part 73.	
OPCION C:	14 CFR Part 135.	
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0100	Under the privileges of an inspection authorization, the holder may approve for return to service any	C
OPCION A:	aircraft after a major repair, when the repair is accomplished using manufacturer's data.	
OPCION B:	major repair to an aircraft, when the technical data has been approved by the person holding the inspection authorization and the holder of the inspection authorization is familiar with the type of aircraft being repaired.	
OPCION C:	aircraft major alteration (with the exception of aircraft maintained under 14 CFR Part 121 or Part 127) when the work was accomplished in accordance with technical data approved by the Administrator.	
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0101	Select the items that are within the privileges and limitations of the inspection authorization. (1) Perform a progressive inspection. (2) Supervise a progressive inspection. (3) Perform an annual inspection. (4) Supervise an annual inspection.	B
OPCION A:	1, 3, and 4.	
OPCION B:	1, 2, and 3.	
OPCION C:	1, 2, and 4.	
<hr/>		
0102	Of the following certificated operators' aircraft, which may the holder of an inspection authorization NOT approve for return to service after a major repair or alteration?	B
OPCION A:	14 CFR Part 125 operator.	
OPCION B:	14 CFR Part 121 operator.	
OPCION C:	14 CFR Part 133 operator.	
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0103	When may the holder of an inspection authorization approve for return to service a major repair that is recorded on an DGAC Form 337?	C
OPCION A:	Any time a repair is accomplished by a properly certificated and rated mechanic.	
OPCION B:	When the repair has been described in detail on the reverse side of the DGAC Form 337.	
OPCION C:	Whenever a major repair is accomplished or supervised by an appropriately certificated and rated mechanic, and the data is approved by the Administrator.	
<hr/>		
0104	A certificated mechanic holding an inspection authorization is NOT permitted to	A
OPCION A:	approve data used for the repair or alteration of aircraft.	
OPCION B:	perform conformity inspections and approve for return to service.	
OPCION C:	perform annual inspections and approve for return to service.	
<hr/>		
0106	IA License expires on	B
OPCION A:	December 31 of each year.	
OPCION B:	The last day of the month, 2 years from date of issue.	
OPCION C:	March 31 of each year.	

0107 The holder of an inspection authorization must A
OPCION A: have a fixed base of operations at which he/she can be contacted in person or by telephone during a normal working week.
OPCION B: present evidence satisfactory to the Administrator that he/she has performed at least 4 annual inspections during the last 2 years.
OPCION C: have some means of being contacted at the place where he or she will exercise the inspection authorization.

0108 What are the minimum activity requirements for renewal of an inspection authorization that has been in effect B
for a 1 year period?
OPCION A: For annual inspections and eight inspections of major repairs of major alterations; or four progressive inspections.
OPCION B: Four annual inspections; or eight inspections of major repairs or major alterations; or one progressive inspections.
OPCION C: One progressive inspections and eight inspections of major repairs or major alterations; or one annual inspection.

0109 What are the minimum requirements for renewal of an inspection authorization that has been in effect for 1 C
year?
OPCION A: Three annual inspections.
OPCION B: Two progressive inspections.
OPCION C: Eight inspections of major repairs or major alterations.

0110 An IA License may be renewed if the holder has performed or supervised, during the last year of authorization: B
OPCION A: an annual inspection and four major repairs.
OPCION B: at least 6 months of activities corresponding with his License
OPCION C: six major repairs or major alterations within the last 6 months.

0111 The holder of an inspection authorization that has been in effect for less than 90 days needs to have performed C
OPCION A: at least one annual inspection.
OPCION B: at least two major repairs or major alterations.
OPCION C: neither of the above.

0112 The holder of an inspection authorization has changed his fixed base of operation. Who must be notified of the C
change before he may exercise the privileges of his authorization?
OPCION A: DGAC Inspectors
OPCION B: DGAC Regional Inspector
OPCION C: DGAC main office

0113 The holder of an inspection authorization who changes his/her fixed base of operation would, before exercising A
the privileges of the authorization, do which of the following?
OPCION A: Notify the DGAC, in the area in which the new base is located, in writing, of the change.
OPCION B: Not exercise the authority until such time that both the DGAC Flight Standards Offices, in the old and new districts, are notified in writing of the change.
OPCION C: Continue to operate using the old authorization until March 31 when the new authorization will be renewed.

0115 Title 14 of the Code of Federal Regulations (CFR) Section 65.95 prescribes the C
OPCION A: privileges and limitations of an airframe mechanic.
OPCION B: requirements for renewal of the inspection authorization.
OPCION C: privileges and limitations of an inspection authorization.

0116 Under the privileges and limitations of the Inspections Authorization you could C
OPCION A: overhaul and approve for return to service a float-type carburetor.
OPCION B: exchange engines of different makes, per the type certificate data sheet, and approve for return to service.
OPCION C: approve of return-to-service a major repair made in accordance with an Approved Maintenance Program

0118 Title 14 of the CFR requires the inspection of all civil aircraft at specific intervals to determine the overall condition. An amateur-built aircraft with an experimental airworthiness certificate requires what type of inspection? B

OPCION A: Annual inspection.

OPCION B: Condition inspection.

OPCION C: Approved aircraft Inspection program.

0119 Which of the following is required to be installed on an airplane manufactured after July 18, 1978? A

OPCION A: Shoulder harness for each front seat.

OPCION B: An operable emergency locator beacon.

OPCION C: An equipment list showing the minimum equipment required for aircraft operations under specified conditions.

0120 When would data in aircraft maintenance manuals be considered approved data? C

OPCION A: Aircraft maintenance manuals from the original manufacturer are always considered approved data.

OPCION B: A manual or parts thereof become approved if the manufacturer assigns it's approval in the manual.

OPCION C: When a manual includes an airworthiness limitations section, that section is considered approved data.

0121 When, if ever, is the manufacturer's maintenance manual, or a section thereof, considered mandatory during an annual inspection? A

OPCION A: They are required when part of an approved inspection program.

OPCION B: They are required if made mandatory by the type certificate data sheet.

OPCION C: Maintenance manuals are optional if an equivalent procedure is used.

0122 Following a major repair that might appreciably change the flight characteristics of an aircraft, other than the maintenance record entry required by 14 CFR Section 43.9, what must be entered in the aircraft records? B

OPCION A: The supplemental type certificate number.

OPCION B: Record of flight test.

OPCION C: DGAC Form 337.

0123 A 14 CFR Part 91 operator of a turbine-powered rotorcraft may elect to use which of the following inspection provisions? C

OPCION A: An annual inspection.

OPCION B: A current inspection program recommended by the manufacturer.

OPCION C: Either A or B.

0124 When may an authorized inspector (IA) perform an annual inspection on an aircraft? B

OPCION A: 12 calendar months from the day the last annual inspection was performed.

OPCION B: The IA may perform an annual inspection anytime the owner requests it.

OPCION C: The IA may only perform an annual inspection only during the month the inspection is due.

0125 If an aircraft that has a separate record for airframe and engine receives a replacement engine between annual inspections, what action would be required? C

OPCION A: An inspection as required by the manufacturer and a maintenance record entry.

OPCION B: A 100-hour inspection of the engine followed by a flight test.

OPCION C: Only the engine portion of the annual inspection with an entry in the engine's record.

0126 A 14 CFR Part 91 operator of a turbine-powered rotorcraft may elect to use which of the following inspection provision? C

OPCION A: An annual inspection.

OPCION B: An inspection program established by the operator and approved by the Administrator.

OPCION C: Either A or B.

0127 As the holder of an inspection authorization, you are approached by the owner of an aircraft that has recently been imported from a foreign country. The new owner wants to know when the aircraft will require an annual inspection. The aircraft's records indicate that the aircraft has been maintained under a French inspection program and that the last complete inspection under that program was four months earlier. The record further indicates that the aircraft entered Perú two month ago and was issued a peruvian standard airworthiness certificate at that time. When will the annual inspection be due? C

- OPCION A:** In 8 calendar months.
OPCION B: Immediately.
OPCION C: In 10 calendar months.
-

0128 RAP's allows aircraft established on certain inspection programs to exceed an inspection interval by 10 hours while en route to a place where the inspection can be done. Which of the following may exceed the inspection interval by 10 hours? C

- OPCION A:** An aircraft using a 100-hour inspection program.
OPCION B: An aircraft using a progressive inspection program.
OPCION C: Both A and B.
-

0129 Which one of the following aircraft could require an annual inspection? A

- OPCION A:** A small single-engine turboprop with a restricted airworthiness certificate.
OPCION B: A rotorcraft with a provisional airworthiness certificate.
OPCION C: A small multiengine turboprop aircraft with a standard airworthiness certificate.
-

0130 Each registered owner or operator of an aircraft using a progressive inspection must designate a person to supervise or conduct the inspection. Which of the following could perform those duties? B

- OPCION A:** A and P mechanic.
OPCION B: Certificated airframe repair station.
OPCION C: Both A and B.
-

0131 Each registered owner or operator of an aircraft using a progressive inspection must designate a person to supervise or conduct the inspection. Which of the following could perform those duties? C

- OPCION A:** The aircraft manufacturer.
OPCION B: Certificated airframe repair station.
OPCION C: Both A and B.
-

0132 The holder of an inspection authorization may supervise a progressive inspection on a turbine-powered rotorcraft weighing C

- OPCION A:** 10,000 lbs or less.
OPCION B: 12,501 lbs or more.
OPCION C: Both A and B.
-

0133 Each registered owner or operator of a large airplane, turbojet multiengine airplane, turbopropeller powered multiengine airplane and turbine-powered rotorcraft operated under 14 CFR Part 91, must elect one of the inspection programs of 14 CFR Section 91.409(e). However, one of these operators may additionally select an annual inspection. Which operator is it? C

- OPCION A:** Large airplane.
OPCION B: Multiengine turbopropeller airplane.
OPCION C: Turbine rotorcraft.
-

0134 Which one of the following aircraft could be maintained under an approved inspection program by the operator? B

- OPCION A:** 30 seat large aircraft.
OPCION B: 12 seat multi-engine turbine aircraft under commuter.
OPCION C: Neither A or B.
-

0135 When is an aircraft equipped for "Day VFR Only" operation, required to have its altimeter tested and inspected in accordance with 14 CFR Part 43, Appendix E? Compliance with Appendix E is A

- OPCION A:** not required.
OPCION B: required each 12 calendar months.
OPCION C: required each 24 calendar months.
-

0136 How long must an DGAC Form 337 for the overhaul of a reciprocating engine having a planetary propeller reduction gearing be retained? C

OPCION A: It is retained in the engine records until the engine is removed from the airframe and replaced with a different engine or for 24 calendar months whichever occurs first.

OPCION B: It is retained as a permanent document in the engine records or until the engine is zero timed.

OPCION C: It is retained until the work is repeated or superseded by other work or for 1 year after the work is performed.

0137 How long must an DGAC Form 337 for the overhaul of a reciprocating engine having an integral supercharger be retained? B

OPCION A: It is retained until the engine is removed from the airframe and replaced with a different engine.

OPCION B: It is retained until the work is repeated or superseded by other work or for 1 year after the work is performed.

OPCION C: It is retained as a permanent document in the engine records or until the engine is zero timed.

0138 While reviewing an aircraft's records during an annual inspection, you notice three different DGAC Forms 337 for the overhaul of the aircraft's engine. How long must these major repair records be retained? C
These records shall be retained

OPCION A: and transferred with the engine.

OPCION B: for a period of 2 years after the work was performed.

OPCION C: for a period of 1 year from the date of completion.

0139 RAP's requires certain information to be included in an aircraft's maintenance records for airworthiness directive compliance. Which of the following information would be part of a required record entry for the airworthiness directive? C

OPCION A: Amendment number.

OPCION B: Serial number of aircraft.

OPCION C: Revision date.

0140 The regulations require each registered owner or operator to maintain a record of Airworthiness Directives (AD) C

OPCION A: listing all ADs pertinent to his or her model.

OPCION B: in a logbook for each airframe, engine, propeller, or rotor.

OPCION C: listing status of applicable ADs.

0141 A rebuilt aircraft engine may be granted zero time by A

OPCION A: the manufacturer.

OPCION B: a certified powerplant mechanic.

OPCION C: an A and P mechanic who holds an inspection authorization.

0143 What is the smallest aircraft operating under 14 CFR Part 135 that is required to have a cockpit voice recorder? A
Multiengine, turbine-powered airplane or rotorcraft:

OPCION A: having a passenger seating configuration of six or more and for which two pilots are required.

OPCION B: having a passenger seating configuration of nine or more.

OPCION C: having a passenger seating configuration of 20 or more.

0144 Aircraft operating under 14 CFR Part 135 with 9 seats or less are maintained in accordance with Parts 43 and 91. What type of inspection would be required for the aircraft? A

OPCION A: An inspection in accordance with Section 91.409.

OPCION B: An inspection as required by the operations maintenance manual specifications.

OPCION C: An inspection in accordance with Part 43, Appendix D.

0145 Aircraft operating under 14 CFR Part 135 that are type certificated for a passenger seating configuration, excluding any pilot seat, of nine seats or less, shall be maintained under what two parts of 14 CFR as well as the applicable sections of Part 135? B

OPCION A: Part 91 and 121.

OPCION B: Part 43 and 91.

OPCION C: Part 91 and 125.

0146	For aircraft operating under 14 CFR Part 135, the approved maintenance program is determined by the number of seats. For aircraft that can be maintained under 14 CFR Parts 91 and 43 maintenance programs, the number of seats are limited to	A
OPCION A:	9 or less.	
OPCION B:	20 or less.	
OPCION C:	50 or less.	

0147	An owner brings you his light twin-engine airplane operating under Part 135. Where would you find the appropriate instructions for inspecting the aircraft?	B
OPCION A:	Flight Manual	
OPCION B:	Operations Specifications	
OPCION C:	14 CFR Part 43, Appendix D.	

0148	Who is primarily responsible for the airworthiness of an aircraft that is operated under 14 CFR Part 135?	C
OPCION A:	The registered owner of the aircraft.	
OPCION B:	The pilot of the aircraft.	
OPCION C:	The certificate holder of the aircraft.	

0149	Which special inspection provision(s) must be included for single-engine aircraft operated under 14 CFR Part 135 for passenger carrying IFR operations?	C
OPCION A:	Engine trend monitoring.	
OPCION B:	Engine oil analysis.	
OPCION C:	Both of the above.	

0150	The controlling document for the maintenance and inspection of aircraft operated under 14 CFR Part 135 is	A
OPCION A:	the operator's DGAC-approved manual.	
OPCION B:	AC 43.13-1B and -2A.	
OPCION C:	the aircraft manufacturer's service manual.	

0151	In the maintenance portion of a 14 CFR Part 135 operation the relationship between the persons performing the maintenance and the inspection of the maintenance must be closely monitored. Which statement is true?	B
OPCION A:	The person performing the maintenance is responsible for the inspection.	
OPCION B:	The person performing the maintenance is not allowed to inspect it.	
OPCION C:	The inspector is under the authority of the person performing the maintenance.	
