

ARSA Regulatory Compliance Training—Questions

Part 1: DEFINITIONS AND ABBREVIATIONS

Level 1: For anyone working in aviation

§ 1.1 General definitions.

[Selected Definitions related to Major/Minor determinations.]

Major alteration means an alteration not listed in the aircraft, aircraft engine, or propeller specifications—

- (1) That might appreciably affect weight, balance, structural strength, performance, powerplant operation, flight characteristics, or other qualities affecting airworthiness; or
- (2) That is not done according to accepted practices or cannot be done by elementary operations.

Major repair means a repair:

- (1) That, if improperly done, might appreciably affect weight, balance, structural strength, performance, powerplant operation, flight characteristics, or other qualities affecting airworthiness; or
- (2) That is not done according to accepted practices or cannot be done by elementary operations.

Minor alteration means an alteration other than a major alteration.

Minor repair means a repair other than a major repair.

Question 1: A major alteration is one that might appreciably affect weight, balance, structural strength, performance, powerplant operation, flight characteristics, or other qualities affecting airworthiness.

- A: True.
- B: False.

Question 2: A major repair is one that might appreciably affect weight, balance, structural strength, performance, powerplant operation, flight characteristics, or other qualities affecting airworthiness.

- A: True.
- B: False.

Question 3: Work not done according to accepted practices or that cannot be done by elementary operations constitutes a major alteration or repair.

- A: True.
- B: False.

Question 4: A minor alteration or repair will not appreciably affect weight, balance, structural strength, performance, powerplant operation, flight characteristics, or other qualities affecting airworthiness.

- A: True.
- B: False.

Name and/or Identification _____

Clearly Print the Name and/or Identification of the Person Taking the Test

Date _____

Date Test was Completed

Score _____

Enter as x (number correct) of y (number of questions)

Hours _____

Time Credited for Test

Approved by _____

Signature of Supervisor or Person Administering Test

ARSA Regulatory Compliance Training—Answers

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Question 1: A major alteration is one that might appreciably affect weight, balance, structural strength, performance, powerplant operation, flight characteristics, or other qualities affecting airworthiness.

A: True.

B: **False.** The first part of the definition of a “major alteration” also states that it is not listed in the appropriate product specification.

Question 3: Work not done according to accepted practices or that cannot be done by elementary operations constitutes a major alteration or repair.

A: True.

B: False.

Question 2: A major repair is one that might appreciably affect weight, balance, structural strength, performance, powerplant operation, flight characteristics, or other qualities affecting airworthiness.

A: True.

B: **False.** The condition precedent of a “major repair” is that the related effect to airworthiness characteristics must be the result of work “improperly done”.

Question 4: A minor alteration or repair will not appreciably affect weight, balance, structural strength, performance, powerplant operation, flight characteristics, or other qualities affecting airworthiness.

A: True.

B: **False.** Work that will not appreciably affect the relevant qualities of airworthiness could still constitute a “major” repair or alteration if it was not done according to accepted practices or if it could not be done by elementary operations. Alternatively, if the alteration is listed in the product specification, it could also be minor even if it did impact the general qualities of airworthiness.