

# ARSA Regulatory Compliance Training—Questions

## Part 145: Repair Stations Level 1: For anyone in aviation.

§ 145.221 Service Difficulty Reports (SDRs).

- (a) A certificated repair station must report to the FAA within 96 hours after it discovers any serious failure, malfunction, or defect of an article. The report must be in a format acceptable to the FAA.
- (b) The report required under paragraph (a) of this section must include as much of the following information as is available:
  - (1) Aircraft registration number;
  - (2) Type, make, and model of the article;
  - (3) Date of the discovery of the failure, malfunction, or defect;
  - (4) Nature of the failure, malfunction, or defect;
  - (5) Time since last overhaul, if applicable;
  - (6) Apparent cause of the failure, malfunction, or defect; and
  - (7) Other pertinent information that is necessary for more complete identification, determination of seriousness, or corrective action.
- (c) The holder of a repair station certificate that is also the holder of a part 121, 125, or 135 certificate; type certificate (including a supplemental type certificate); parts manufacturer approval; or technical standard order authorization, or that is the licensee of a type certificate holder, does not need to report a failure, malfunction, or defect under this section if the failure, malfunction, or defect has been reported under parts 21, 121, 125, or 135 of this chapter.
- (d) A certificated repair station may submit a service difficulty report for the following:
  - (1) A part 121 certificate holder, provided the report meets the requirements of part 121 of this chapter, as appropriate.
  - (2) A part 125 certificate holder, provided the report meets the requirements of part 125 of this chapter, as appropriate.
  - (3) A part 135 certificate holder, provided the report meets the requirements of part 135 of the chapter, as appropriate.
- (e) A certificated repair station authorized to report a failure, malfunction, or defect under paragraph (d) of this section must not report the same failure, malfunction, or defect under paragraph (a) of this section. A copy of the report submitted under paragraph (d) of this section must be forwarded to the certificate holder.

**Question 1:** A repair station must report any failure, malfunction, or defect of an article to the FAA.

- A—True.
- B—False.

**Question 3:** Repair stations performing work for an air carrier (part 121, 125, or 135 operators) are required to file SDRs for their customers.

- A—True.
- B—False.

**Question 2:** A repair station that also holds a design approval (e.g., a type certificate or parts manufacturer approval) or operates aircraft under parts 121, 121, 125, or 135 must file a service difficulty report under each certificate or authorization.

- A—True.
- B—False.

**Question 4:** Anyone working at the repair station can submit a service difficulty report.

- A—True.
- B—False.

Name and/or Identification \_\_\_\_\_

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

Score \_\_\_\_\_

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

Date \_\_\_\_\_

Date Test was Completed

Hours \_\_\_\_\_

Time Credited for Test

Approved by \_\_\_\_\_

Signature of Supervisor or Person Administering Test

# ARSA Regulatory Compliance Training—Answers

## Part 145: Repair Stations Level 1: For anyone in aviation.

### § 145.221 Service Difficulty Reports (SDRs)

- (a) A certificated repair station must report to the FAA within 96 hours after it discovers any serious failure, malfunction, or defect of an article. The report must be in a format acceptable to the FAA.
- (b) The report required under paragraph (a) of this section must include as much of the following information as is available:
  - (1) Aircraft registration number;
  - (2) Type, make, and model of the article;
  - (3) Date of the discovery of the failure, malfunction, or defect;
  - (4) Nature of the failure, malfunction, or defect;
  - (5) Time since last overhaul, if applicable;
  - (6) Apparent cause of the failure, malfunction, or defect; and
  - (7) Other pertinent information that is necessary for more complete identification, determination of seriousness, or corrective action.
- (c) The holder of a repair station certificate that is also the holder of a part 121, 125, or 135 certificate; type certificate (including a supplemental type certificate); parts manufacturer approval; or technical standard order authorization, or that is the licensee of a type certificate holder, does not need to report a failure, malfunction, or defect under this section if the failure, malfunction, or defect has been reported under parts 21, 121, 125, or 135 of this chapter.
- (d) A certificated repair station may submit a service difficulty report for the following:
  - (1) A part 121 certificate holder, provided the report meets the requirements of part 121 of this chapter, as appropriate.
  - (2) A part 125 certificate holder, provided the report meets the requirements of part 125 of this chapter, as appropriate.
  - (3) A part 135 certificate holder, provided the report meets the requirements of part 135 of the chapter, as appropriate.
- (e) A certificated repair station authorized to report a failure, malfunction, or defect under paragraph (d) of this section must not report the same failure, malfunction, or defect under paragraph (a) of this section. A copy of the report submitted under paragraph (d) of this section must be forwarded to the certificate holder.

**Question 1:** A repair station must report any failure, malfunction, or defect of an article to the FAA.

A—True

**B—False.** Section [145.221\(a\)](#) requires repair stations to report **serious** failures, malfunctions, or defects; the repair station quality manual **should** describe what constitutes a serious defect, failure, or malfunction.

**Question 3:** Repair stations performing work for an air carrier (part 121, 125, or 135 operators) are required to file SDRs for their customers.

A—True

**B—False.** Section [145.221\(d\)](#) permits, but does not require, repair stations to file SDRs on behalf of its customers. If the repair station files a report under the provisions of parts 121, 125, or 135, the report is to be completed as instructed by the air carrier. A copy will be provided to the operator prior to, or in conjunction with, filing the report with the FAA.

**Question 2:** A repair station that also holds a design approval (e.g., a type certificate or parts manufacturer approval) or operates aircraft under parts 121, 121, 125, or 135 must file a service difficulty report under each certificate or authorization.

A—True.

**B—False.** Section [145.221\(c\)](#) does not require filing duplicate reports. Therefore, if a repair station holds another certificate, only one SDR must be filed. Carefully review the requirements for each certificate or authority to determine which report must be filed first.

**Question 4:** Anyone working at the repair station can submit a service difficulty report.

**A—True.** Although anyone in the repair station can submit a service difficulty report, it is not advised. The repair station's quality manual should denote the party responsible for timely filing of reports.

B—False.