



Office of Training
and Certification

New Jersey Division of Fire Safety

BASIC PRACTICAL SKILLS EXAMINATION REPORT

Skill sheet #

**ARFF
12-4**

Certification title

**AIRPORT FIREFIGHTING & RESCUE 6TH
EDITION**

Applicant Information

Candidate name

DFS ID #

Course #

Evaluation

Standard:
NFPA 1003, 2015 Edition

4.2.4

Recognize hazardous conditions at an aircraft incident/accident and initiate corrective action. *[NFPA® 1003, 4.2.4]*

Instructor Directions

1. This activity can be performed individually or in small groups. If groups are used, divide students as necessary.
2. Direct students to the scenario provided in the Student Worksheet.
3. Explain to students that they will be creating a list of hazardous conditions in the scenario and proposing corrective action or actions to mitigate the identified hazards.
4. Answer any questions that the students may have regarding the identification and mitigation of hazards.
5. When complete, have students share items from their list of hazardous conditions to compile a single class list on a whiteboard or large easel pad. Then ask individual students to explain their proposed corrective action or actions to mitigate each hazard.

Number	Task Steps	First Test		Retest #1		Retest #2	
		Pass	Fail	Pass	Fail	Pass	Fail
1							
2							
3							
4							
5							
6							
7							
Final Test Result for Entire Task							

Directions

1. Read the aircraft accident scenario provided below, which is a continuation of **Learning Activity 12-1 through 12-3**.
2. Create a list of the various hazardous conditions included in the scenario.
3. Propose a corrective action or actions you would take to mitigate each of the hazards you've identified.

Note: If needed, refer to Chapter 4 "Safety and Aircraft Hazards" for further information on common hazardous conditions encountered at an aircraft incident/accident.

Scenario

You respond to the site of a small aircraft downed just outside your airport in a swampy landscape of soft, wet terrain. Weather conditions are hot and humid. All responding ARFF firefighters are dressed in proper and full personal protective equipment. You notice that a large section of fuselage has detached from the aircraft and is blocking access to the interior cabin. You observe that the aircraft is partially submerged in the water of the swamp. Leaking fuel from the aircraft is visible on the surface of the water. Although flames cannot be seen from the outside of the aircraft, plumes of smoke are rising from the engine. As you approach the aircraft, you notice that the rotor is still rotating very slowly. As you enter the aircraft to engage in search and rescue of victims, you note broken hydraulic lines and leaking hydraulic fluid. Inside the confined space of the small aircraft, you observe that several flammable materials, such as carpet and paneling, are burning.

Learning Activity 12-4 Student Worksheet, cont.

Evaluator signature & comments, Test #1		Evaluator signature & comments, Retest #1		Evaluator signature & comments, Retest #2	
Evaluator signature	Date	Evaluator signature	Date	Evaluator signature	Date
Candidate signature & acknowledgement, Test #1		Candidate signature & acknowledgement, Retest #1		Candidate signature & acknowledgement, Retest #1	
By my signature below I acknowledge I have read and understood the evaluation results and evaluator comments		By my signature below I acknowledge I have read and understood the evaluation results and evaluator comments		By my signature below I acknowledge I have read and understood the evaluation results and evaluator comments	
Candidate signature	Date	Candidate signature	Date	Candidate signature	Date