



Office of Training
and Certification

New Jersey Division of Fire Safety

BASIC PRACTICAL SKILLS EXAMINATION REPORT

Skill sheet #

**ARFF
6-1**

Certification title

**AIRPORT RESCUE & FIREFIGHTING
6th Edition Chapter #6**

Applicant Information

Candidate name

DFS ID #

Course #

Evaluation

Standard:
NFPA 1003, 2019 Edition

Stabilize an aircraft using webbing, ropes, chains or come-along (cable winch). *[NFPA® 1003, 4.4.1, 4.4.2]*

4.4.1, 4.4.2

Conditions and Outcome

For this skills evaluation checklist, students will stabilize an object using webbing, ropes, chains, or come-along. Always follow manufacturer's recommendations and local standard operating procedures (SOPs) when performing all skills. Students must properly wear appropriate PPE when performing this skill.

Number	Task Steps	First Test		Retest #1		Retest #2	
		Pass	Fail	Pass	Fail	Pass	Fail
1	Attach webbing, ropes, or chains to anchor points on the aircraft.						
2	Secure the webbing, ropes, or chains to anchor points such as large trees, intact utility poles, bombproof anchors, adequate sign posts, bridge parts, or apparatus with wheels chocked. Careful thought must be given when selecting ropes, chains, or webbing to make sure the device selected is fit for the task in condition and ability.						
3	Remove slack from the webbing, ropes, or chains						
4	Evaluate and maintain the tension of the stabilization equipment used.						
Final Test Result for Entire Task							

Evaluator signature & comments, Test #1		Evaluator signature & comments, Retest #1		Evaluator signature & comments, Retest #2	
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New Jersey Division of Fire Safety

BASIC PRACTICAL SKILLS EXAMINATION REPORT

Skill sheet #

**ARFF
6-2**

Certification title

**AIRPORT FIREFIGHTING & RESCUE
6TH EDITION**

Applicant Information

Candidate name

DFS ID #

Course #

Evaluation

Standard:
NFPA 1003, 2019 Edition

4.4.1

Deploy an air stairs unit (aircraft passenger stairs). *[NFPA® 1003, 4.4.1]*

For this skills evaluation checklist, students will deploy an air stairs unit.

This skill requires two firefighters: one to operate the apparatus and one to assist as a spotter. Before the skill begins, indicate to students what position to take. Students should rotate positions to practice the skill as needed. Always follow manufacturer's recommendations and local standard operating procedures (SOPs) when performing all skills. Students must properly wear appropriate PPE when performing this skill.

Number	Task Steps	First Test		Retest #1		Retest #2	
		Pass	Fail	Pass	Fail	Pass	Fail
	Unpowered (trailer mounted) air stairs unit						
1	Maneuver the air stairs unit into position.						
2	Raise the unit to the appropriate height.						
3	Position the unit at the door/hatch/point for egress of the objective.						
4	Stabilize the unit for use (lock stairs, set brakes, place chocks).						
	Powered (truck-mounted) air stairs unit						
1	Maneuver the air stair unit into position.						
2	Raise the unit to the appropriate height.						
3	Position the unit at the door/hatch/point for egress of the objective.						
4	Stabilize the unit for use (lock stairs, set brakes, place chocks).						
Final Test Result for Entire Task							

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BASIC PRACTICAL SKILLS EXAMINATION REPORT

Skill sheet #

**ARFF
6-3**

Certification title

**AIRPORT FIREFIGHTING & RESCUE 6TH
EDITION**

Applicant Information

Candidate name

DFS ID #

Course #

Evaluation

Standard:
NFPA 1002 2017 & 1003
2019 Editions

9.1.1/4.3.7

Open aircraft doors and hatches. *[NFPA® 1003, 4.3.7]*

For this skills evaluation checklist, students will open aircraft doors and hatches. Always follow manufacturer's recommendations and local standard operating procedures (SOPs) when performing all skills. Students must properly wear appropriate PPE when performing this skill.

Number	Task Steps	First Test		Retest #1		Retest #2	
		Pass	Fail	Pass	Fail	Pass	Fail
	Roll Up Doors						
1	Approach the door from ground, ladder, or aerial platform.						
2	Locate the latch/locking mechanism.						
3	Operate the mechanism.						
4	Push door in, then up.						
5	If the door is jammed, attempt to pry door open with Halligan, pry bar, or spreaders.						
6	If the lock is jammed, cut lock mechanism with power saw using a water or foam stream to suppress sparks.						
	Latched Pull-Out Doors						
1	Approach the door from ground, ladder, or aerial platform.						
2	Locate the latch/locking mechanism.						
3	Operate the mechanism.						
4	Pull door outward.						
5	If the door is jammed, attempt to pry door open with Halligan, pry bar, or spreaders.						
6	If the lock is jammed, cut lock mechanism with power saw using a water or foam stream to suppress sparks.						
	Plug Doors						
1	Approach the door from ground, ladder, or aerial platform.						
2	Locate the latch/locking mechanism.						
3	Operate the mechanism.						
4	Push door in and aside.						
5	If the door is jammed, attempt to pry door open with Halligan, pry bar, or spreaders.						
6	If the lock is jammed, cut lock mechanism with power saw using a water or foam stream to suppress sparks.						
	Hydraulic Doors						
1	Approach the door.						
2	Locate the hydraulic control mechanism.						

3	Operate the mechanism.						
4	If the door is jammed, attempt to pry door open with Halligan, pry bar, or spreaders.						
5	If the lock is jammed, cut lock mechanism with power saw using a water or foam stream to suppress sparks.						
Hinged Doors							
1	Approach the door from ground, ladder, or aerial platform.						
2	Check to see if escape slide mechanism is armed, if aircraft is so equipped. If armed, safety the slide to prevent unintentional inflation (pin the mechanism).						
3	Locate the latch/locking mechanism.						
4	Operate the mechanism.						
5	Push door inward, pivot the door, then rotate door outward.						
6	If the door is jammed, attempt to pry door open with Halligan, pry bar, or spreaders.						
7	If the lock is jammed, cut lock mechanism with power saw using a water or foam stream to suppress sparks.						
Final Test Result for Entire Task							

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New Jersey Division of Fire Safety

BASIC PRACTICAL SKILLS EXAMINATION REPORT

Skill sheet #

**ARFF
6-4**

Certification title

**AIRPORT FIREFIGHTING & RESCUE 6TH
EDITION**

Applicant Information

Candidate name

DFS ID #

Course #

Evaluation

Standard:
NFPA 1003, 2019 Edition

4.4.1, 4.4.2

Cut an access opening in the skin of an aircraft (power saw). [NFPA® 1003, 4.4.1, 4.4.2]

For this skills evaluation checklist, students will cut an access opening in the skin of an aircraft. The four-sided method of this skill requires students to work in groups of two or more: one to make the cuts, and one or more to catch the removed piece. Before the skill begins, indicate to students what position to take. Students should rotate positions to practice the skill as needed.

Number	Task Steps	First Test		Retest #1		Retest #2	
		Pass	Fail	Pass	Fail	Pass	Fail
	Three-sided Method						
1	Select appropriate cut-in area. Some aircraft may have cut-in marks on the aircraft fuselage						
2	Create an access hole near the upper corner of the rectangle with either a pick-head axe or the point of a Halligan tool.						
3	Insert the cutting blade into the hole and make a horizontal cut across the upper side of the rectangle.						
4	Make vertical cuts from the ends of the horizontal cut down to the lower "cut-in" marks.						
5	Fold the flap of aircraft skin downward toward the ground.						
6	Pad jagged edges if time allows.						
	Four-sided Method						
	NOTE: This method must be used on composite materials.						
1	Locate the "cut-in" marks on the aircraft fuselage. These marks outline a rectangle that is free of obstacles inside the fuselage or within the skin of the aircraft						
2	Create an access hole near the lower corner of the rectangle with either a pick-head axe or the point of a Halligan tool.						
3	Insert the cutting blade into the hole and make a horizontal cut across the lower side of the rectangle.						
4	Make vertical cuts from the ends of the horizontal cut upward to the upper edge of the cut-in area.						
5	Make a horizontal cut across the upper side of the rectangle.						
6	Remove the rectangle of aircraft skin.						
7	Pad jagged edges if time allows.						
Final Test Result for Entire Task							

Evaluator signature & comments, Test #1		Evaluator signature & comments, Retest #1		Evaluator signature & comments, Retest #2	
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BASIC PRACTICAL SKILLS EXAMINATION REPORT

Skill sheet #

**ARFF
6-5**

Certification title

**AIRPORT FIREFIGHTING & RESCUE 6TH
EDITION**

Applicant Information

Candidate name

DFS ID #

Course #

Evaluation

Standard:
NFPA 1003, 2019 Edition

4.4.1, 4.4.2

Use hydraulic tools (cutters and/or spreaders) to open a hole in the side of an aircraft. *[NFPA® 1003, 4.4.1, 4.4.2]*

For this skills evaluation checklist, students will use a hydraulic spreader and cutter in tandem to open a hole in the side of an aircraft. The four-sided method of this skill requires students to work in groups of two or more: one to make the cuts, and one or more to catch the removed piece. Before the skill begins, indicate to students what position to take. Students should rotate positions to practice the skill as needed

Number	Task Steps	First Test		Retest #1		Retest #2	
		Pass	Fail	Pass	Fail	Pass	Fail
	Three-sided Method						
1	Select appropriate cut-in area. Some aircraft may have cut-in marks on the aircraft fuselage.						
2	Create an access hole near the upper corner of the rectangle with either a pick-head axe or the point of a Halligan tool.						
3	Insert the hydraulic cutter blade into the hole and make multiple horizontal cuts across the upper side of the rectangle.						
4	Make vertical cuts from the ends of the horizontal cut down to the lower edge of the cut-in area.						
5	Use a hydraulic spreader or a prying tool to begin to fold the flap of aircraft skin downward toward the ground.						
6	Pad jagged edges if time allows.						
	Four-sided Method						
1	Select appropriate cut-in area. Some aircraft may have cut-in marks on the aircraft fuselage.						
2	Create an access hole in each corner of the rectangle with either a pick-head axe or the point of a Halligan tool.						
3	Insert the hydraulic cutter blade into the hole and make multiple horizontal cuts across the lower side of the rectangle.						
4	Make vertical cuts from the upper access holes downward to the lower edge of the cut-in area						
Final Test Result for Entire Task							

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New Jersey Division of Fire Safety

BASIC PRACTICAL SKILLS EXAMINATION REPORT

Skill sheet #

**ARFF
6-6**

Certification title

**AIRPORT FIREFIGHTING & RESCUE 6TH
EDITION**

Applicant Information

Candidate name

DFS ID #

Course #

Evaluation

Standard:
NFPA 1003, 2019 Edition

**4.4.1. , 4.4.2,
4.1,1.4**

Perform operations to safety and shut down an aircraft. *[NFPA® 1003, 4.4.1, 4.4.2]*

For this skills evaluation checklist, students will safety and shut down an aircraft. Always follow manufacturer's recommendations and local standard operating procedures (SOPs) when performing all procedures. Firefighters must properly wear appropriate PPE when performing this skill.

Number	Task Steps	First Test		Retest #1		Retest #2	
		Pass	Fail	Pass	Fail	Pass	Fail
1	Gain access to aircraft flight deck or cockpit						
2	Locate throttle controls.						
3	Gradually throttle back engines to Idle or Stop position.						
4	On military aircraft, safety ejection seat(s)/module.						
5	Shut off Fuel Valve switch(es).						
6	Activate onboard fire protection systems by pulling Fire T-handles to discharge the on-board agent. a. Pull handle up to shut off fuel b. Rotate handle to discharge agent						
7	On military aircraft, safety aircraft weapons/armaments.						
8	Shut off EPU/APU switch.						
9	Shut off battery switch.						
10	Locate batteries/battery compartment.						
11	Open battery compartment with tool.						
12	Disconnect batteries.						
Final Test Result for Entire Task							

Evaluator signature & comments, Test #1		Evaluator signature & comments, Retest #1		Evaluator signature & comments, Retest #2	
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New Jersey Division of Fire Safety

BASIC PRACTICAL SKILLS EXAMINATION REPORT

Skill sheet #

**ARFF
6-7**

Certification title

**AIRPORT FIREFIGHTING & RESCUE 6TH
EDITION**

Applicant Information

Candidate name

DFS ID #

Course #

Evaluation

Standard:
NFPA 1003, 2019 Edition

Demonstrate the procedure for conducting a primary search of an aircraft after self-evacuation. *[NFPA® 1003, 4.4.2]*

4.4.1, 4.4.2

For this skills evaluation checklist, students will conduct a primary search. Students must work with other students as a team during this skill.

Number	Task Steps	First Test		Retest #1		Retest #2	
		Pass	Fail	Pass	Fail	Pass	Fail
1	Confirm order to conduct primary search with officer or supervisor and establish search pattern to be used.						
2	Size up aircraft to be searched.						
3	Search the aircraft using established search pattern and update IC on progress						
4	Remove any victims and inform IC of victim(s).						
5	Exit aircraft when the search is complete.						
6	Report completion of primary search to officer or supervisor.						
Final Test Result for Entire Task							

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BASIC PRACTICAL SKILLS EXAMINATION REPORT

Skill sheet #

**ARFF
6-8**

Certification title

**AIRPORT FIREFIGHTING & RESCUE 6TH
EDITION**

Applicant Information

Candidate name

DFS ID #

Course #

Evaluation

Standard:
NFPA 1003, 2019 Edition

4.4.1, 4.4.2

Use a hydraulic device to remove a seat from an aircraft. *[NFPA® 1003, 4.4.1, 4.4.2]*

For this skills evaluation checklist, students will use a hydraulic device to remove a seat from an aircraft. Always follow manufacturer's recommendations and local standard operating procedures (SOPs) when performing all procedures. Firefighters must properly wear appropriate PPE when performing this skill.

Number	Task Steps	First Test		Retest #1		Retest #2	
		Pass	Fail	Pass	Fail	Pass	Fail
1	Test the operation of the cutter.						
2	Carry the cutter to the cutting location.						
3	Position the cutter to cut low on the seat leg or at the narrowest part of the seat frame.						
4	Cut seat legs/base. Ensure seat does not tip over or drop onto rescuers or other victims.						
Final Test Result for Entire Task							

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