

NORTH CAROLINA
DEPARTMENT OF INSURANCE



OFFICE OF STATE FIRE MARSHAL

Rapid Intervention Crews

11 Skills Total

**NFPA 1407,
Training Fire Service Rapid Intervention Crews,
2015 Edition**

Updated Skill 2 - September 2017

Rapid Intervention Crews Skill Sheets

NFPA 1407	Task: Rapid Intervention Crews	JPR
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2	Use of Mechanical Advantage Systems	7.10(2)
3	Search Techniques	7.4(2) 7.6(1) 7.6(3) 7.10(1)
4	Replace Face piece	7.4(4) 7.8(1) 7.8(2,a) 7.8(2,d) 7.8(2,e) 8.3.4
5	Replace Regulator	7.4(4) 7.8(1) 7.8(2,b) 7.8(2,d) 7.8(2,e) 8.3.4
6	Utilize UAC	7.4(4) 7.8(1) 7.8(2,c) 7.8(2,d) 7.8(2,e) 8.3.4
7	Drags, Lifts, and Carries Up and Down Stairwells	7.12(1) 7.12(2) 7.12(3) 8.4.1
8	Firefighter Through a Window and Over a Ladder	7.12(4) 7.12(5) 8.5.1 8.6.1
9	Firefighter from an Attic Space	7.12(7) 7.12(9)
10	Firefighter from Below Grade (Through Floor)	7.12(6) 7.12(8) 8.7.1
11	RIC Scenario	7.4(3)(6)(7), 7.6(2), 7.11(1)(2)(3)(4), 8.3.1, 8.3.3, 8.3.5

SKILL SHEET # 1
Ropes and Knots

Performance Evaluation: The evaluator shall verify that the candidate has the ability to tie a variety of knots that could be use by a RIC.

JPR: 7.4(5), 7.10(3), 7.10(4) NFPA 1407, 2015 Edition	Tasks: Correctly tie a figure eight knot, a figure eight on a bight, a figure eight follow through, an open clove hitch, and the handcuff knot.
Instructor's Statement	1. The candidate, given a length of rope shall correctly tie a variety of knots, so that the listed performance steps are completed.
Equipment Required: Adequate lengths of rope, firefighting gloves.	
Critical Skills are identified by a bold type "C". Any candidate that fails to complete a critical skill	
Safety: A safety violation is grounds for automatic failure. All proctors present shall review the safety violation.	

STEPS FOR SKILL COMPLETION	<i>Initial</i>		<i>Retest</i>	
	Yes	No	Yes	No
1. Correctly ties a figure eight knot.				
2. Correctly ties a figure eight on a bight.				
3. Correctly ties a figure eight follow through.				
4. Correctly ties an open clove hitch.				
5. Correctly ties a handcuff knot.				
C 6. Is able to tie all knots while wearing firefighting gloves.				
Total	Score needed to pass		5	

SKILL SHEET # 2
Use of Mechanical Advantage Systems

Performance Evaluation: The evaluator shall verify that the candidate has the ability to correctly construct and operate a 2:1 mechanical advantage system drag.

JPR: 7.10(2) NFPA 1407, 2015 Edition	Tasks: Correctly demonstrate constructing a 2:1 mechanical advantage system.
Instructor's Statement	1. The candidate, given the necessary ropes and equipment, shall correctly demonstrate rigging all of the components and operating a 2:1 mechanical advantage system so that the listed performance steps are completed.
Equipment Required: Rope, carabiners, suitable anchor, and a load.	
Critical Skills are identified by a bold type "C". Any candidate that fails to complete a critical skill	
Safety: A safety violation is grounds for automatic failure. All proctors present shall review the safety violation.	

STEPS FOR SKILL COMPLETION	<i>Initial</i>		<i>Retest</i>	
	Yes	No	Yes	No
1. Construct a single point anchor.				
2. Secure the haul rope to the stationary anchor.				
3. Secure the rope to the load (firefighter) either through a carabiner or other accepted means.				
4. Correctly operate the 2:1 system.				
Total	Score needed to pass		3	

SKILL SHEET # 3
Search Techniques

Performance Evaluation: The evaluator shall verify that the candidate has the ability to conduct oriented, rope, and thermal camera search techniques.

JPR: 7.4(2), 7.6(1), 7.6(3), 7.10(1) NFPA 1407, 2015 Edition	Tasks: Correctly demonstrate an oriented search, a rope search, and a search using a thermal camera.
Instructor's Statement	1. The candidate, given full PPE and all needed equipment shall correctly conduct an oriented search, a search utilizing rope, and a search using a thermal camera, so that the listed performance steps are completed.
Equipment Required: PPE, thermal imaging camera, door chocks, rope bag, tools appropriate for search (Halgan bar, axe, pike pole).	
Critical Skills are identified by a bold type "C". Any candidate that fails to complete a critical skill	
Safety: A safety violation is grounds for automatic failure. All proctors present shall review the safety violation.	

STEPS FOR SKILL COMPLETION	<i>Initial</i>		<i>Retest</i>	
	Yes	No	Yes	No
1. Candidate dons appropriate PPE.				
C 2. Correctly and safely conducts an oriented search.				
C 3. Correctly and safely conducts a search utilizing a rope.				
C 4. Correctly and safely conducts a search utilizing a thermal camera.				
Total	Score needed to pass		3	

SKILL SHEET # 4
Replace Face Piece

Performance Evaluation: The evaluator shall verify that the candidate has the ability to supply emergency air to a downed firefighter by replacing the firefighters face piece.

JPR: 7.4(4), 7.8(1), 7.8(2,a), 7.8(2,d), 7.8(2,e), 8.3.4 NFPA 1407, 2015 Edition	Tasks: Correctly demonstrate the method for replacing a face piece on a downed firefighter.
Instructor's Statement	1. The candidate, given full PPE, a downed firefighter, and a spare SCBA face piece, shall correctly demonstrate the method for replacing the face piece so that the listed performance steps are completed.
Equipment Required: PPE, spare SCBA face piece, RIC bag/spare SCBA.	
Critical Skills are identified by a bold type "C". Any candidate that fails to complete a critical skill	
Safety: A safety violation is grounds for automatic failure. All proctors present shall review the safety violation.	

STEPS FOR SKILL COMPLETION	<i>Initial</i>		<i>Retest</i>	
	Yes	No	Yes	No
1. Assures that the spare face piece is pre-attached to an MMR and air is on.				
2. Remove the downed firefighters helmet, roll back hood, and loosen the bottom mask straps.				
3. Remove the face piece and replace with spare.				
C 4. Assures that the face piece has an adequate seal.				
Total	Score needed to pass		3	

SKILL SHEET # 5
Replace Regulator

Performance Evaluation: The evaluator shall verify that the candidate has the ability to supply emergency air to a downed firefighter by replacing the firefighters mask-mounted regulator (MMR).

JPR: 7.4(4), 7.8(1), 7.8(2,b) 7.8(2,d), 7.8(2,e), 8.3.4 NFPA 1407, 2015 Edition	Tasks: Correctly demonstrate the method for replacing a compatible mask-mounted regulator on a downed firefighter
Instructor's Statement	1. The candidate, given full PPE, a downed firefighter, and a RIC bag that includes a spare MMR, shall correctly demonstrate the method for replacing the MMR, so that the listed performance steps are completed.
Equipment Required: PPE, RIC bag/spare SCBA, spare mask-mounted regulator (MMR).	
Critical Skills are identified by a bold type "C" . Any candidate that fails to complete a critical skill	
Safety: A safety violation is grounds for automatic failure. All proctors present shall review the safety violation.	

STEPS FOR SKILL COMPLETION	<i>Initial</i>		<i>Retest</i>	
	Yes	No	Yes	No
1. Assures that RIC air unit is on.				
2. Extends the low-pressure line with the MMR.				
3. Release and remove the regulator from the downed firefighter.				
C 4. Inserts the replacement regulator into the mask.				
C 5. Ensures that the downed firefighter has taken a strong enough breath to "open" the flow of air.				
Total	Score needed to pass		4	

SKILL SHEET # 6
Utilize Universal Air Connection (UAC)

Performance Evaluation: The evaluator shall verify that the candidate has the ability to supply emergency air to a downed firefighter by utilizing the universal air connection (UAC).

JPR: 7.4(4), 7.8(1), 7.8(2,c) 7.8(2,d), 7.8(2,e), 8.3.4 NFPA 1407, 2015 Edition	Tasks: Correctly utilize the UAC on a downed firefighter.
Instructor's Statement	1. The candidate, given full PPE, a downed firefighter, and a RIC bag that includes a UAC, shall correctly demonstrate the method for utilizing the UAC, so that the listed performance steps are completed.
Equipment Required: PPE, RIC bag/spare SCBA that includes a UAC.	
Critical Skills are identified by a bold type "C". Any candidate that fails to complete a critical skill	
Safety: A safety violation is grounds for automatic failure. All proctors present shall review the safety violation.	

STEPS FOR SKILL COMPLETION	<i>Initial</i>		<i>Retest</i>	
	Yes	No	Yes	No
1. Assures that RIC air unit is on.				
2. Rolls or positions downed firefighter so that the UAC is exposed.				
C 3. Connects the UAC line from the RIC air unit into the downed firefighter's SCBA.				
C 4. Checks the downed firefighter's air level to assure transfer is complete.				
Total	Score needed to pass		3	

SKILL SHEET # 7
Drags, Lifts, and Carries

Performance Evaluation: The evaluator shall verify that the candidate has the ability to move a downed firefighter by using a variety of drag, lift, and carry techniques.

JPR: 7.12(1), 7.12(2), 7.12(3) 8.4.1 NFPA 1407, 2015 Edition	Tasks: Remove a downed firefighter up and down a stairwell using a variety of drag, lift, and carry techniques
Instructor's Statement	1. The candidate, given full PPE, a downed firefighter, a stairwell, and required drag, lift or carry equipment, shall remove a downed firefighter so that the listed performance steps are completed.
Equipment Required: PPE, RIC bag/space SCBA, webbing, rope, blankets, rescue basket, backboard, structure with a stairwell.	
Critical Skills are identified by a bold type "C". Any candidate that fails to complete a critical skill	
Safety: A safety violation is grounds for automatic failure. All proctors present shall review the safety violation.	

STEPS FOR SKILL COMPLETION	<i>Initial</i>		<i>Retest</i>	
	Yes	No	Yes	No
1. Assess downed firefighter's air supply and provides air if needed.				
2. Uses a technique that limits further injury to the downed firefighter.				
3. Rescuers use proper lifting techniques.				
C 5. Downed firefighter is moved up and down a stairwell.				
C 6. The downed firefighter is safely removed from the structure.				
Total	Score needed to pass		5	

SKILL SHEET # 8
Downed Firefighter Through a Window

Performance Evaluation: The evaluator shall verify that the candidate has the ability to move a downed firefighter through a window and over a ladder.

JPR: 7.12(4), 7.12(5), 8.5.1, 8.6.1 NFPA 1407, 2015 Edition	Tasks: Remove a downed firefighter through a window and onto a ladder using various removal techniques.
Instructor's Statement	1. The candidate, given full PPE and a downed firefighter, shall move a downed firefighter through a window and over a ladder so that the listed performance steps are completed. *Instructor Note: A tether tied to the candidate and/or victim and anchored accordingly shall be used on all ladder/bailout drills.
Equipment Required: PPE, RIC bag/space SCBA, ladder, 2nd floor window, equipment to properly anchor candidate and/or victim.	
Critical Skills are identified by a bold type "C". Any candidate that fails to complete a critical skill	
Safety: A safety violation is grounds for automatic failure. All proctors present shall review the safety violation.	

STEPS FOR SKILL COMPLETION	<i>Initial</i>		<i>Retest</i>	
	Yes	No	Yes	No
1. Assess downed firefighter's air supply and provides air if needed.				
2. Moves downed firefighter using a technique that limits further injury.				
C 3. Uses proper lifting techniques while moving the downed firefighter out of the window and onto a rescuer on the ladder.				
C 4. Downed firefighter is safely removed from the structure.				
Total	Score needed to pass			3

SKILL SHEET # 9
Removal from an Attic Space

Performance Evaluation: The evaluator shall verify that the candidate has the ability to remove a downed firefighter from an attic space.

JPR: 7.12(7), 7.12(9) NFPA 1407, 2015 Edition	Tasks: Remove a downed firefighter from an attic space.
Instructor's Statement	1. The candidate, given full PPE and a downed firefighter, shall remove a downed firefighter from an attic space so that the listed performance steps are completed. *Instructor Note: A tether tied to the candidate and/or victim and anchored accordingly shall be used on all ladder/bailout drills.
Equipment Required: PPE, RIC bag/space SCBA, attic prop, equipment to properly anchor candidate and/or victim.	
Critical Skills are identified by a bold type "C". Any candidate that fails to complete a critical skill	
Safety: A safety violation is grounds for automatic failure. All proctors present shall review the safety violation.	

STEPS FOR SKILL COMPLETION	<i>Initial</i>		<i>Retest</i>	
	Yes	No	Yes	No
1. Assess downed firefighter's air supply and provides air if needed.				
2. Moves downed firefighter using a technique that limits further injury.				
C 3. Uses proper lifting techniques while moving the downed firefighter out of the attic space.				
C 4. Downed firefighter is safely removed from the structure.				
Total	Score needed to pass		3	

SKILL SHEET # 10
Firefighter Removal from Below Grade

Performance Evaluation: The evaluator shall verify that the candidate has the ability to remove a downed firefighter from below grade.

JPR: 7.12(6), 7.12(8), 8.7.1 NFPA 1407, 2015 Edition	Tasks: Remove a downed firefighter from below the area of operations (through floor).
Instructor's Statement	1. The candidate, given full PPE and a downed firefighter, shall remove a downed firefighter from below the area of operations so that the listed performance steps are completed. *Instructor Note: A tether tied to the candidate and/or victim and anchored accordingly shall be used on all ladder/bailout drills.
Equipment Required: PPE, RIC bag/space SCBA, below grade prop, equipment to properly anchor candidate and/or victim.	
Critical Skills are identified by a bold type "C". Any candidate that fails to complete a critical skill	
Safety: A safety violation is grounds for automatic failure. All proctors present shall review the safety violation.	

STEPS FOR SKILL COMPLETION	<i>Initial</i>		<i>Retest</i>	
	Yes	No	Yes	No
1. Assess downed firefighter's air supply and provides air if needed.				
2. Moves downed firefighter using a technique that limits further injury.				
C 3. Uses proper techniques while moving the downed firefighter through the floor.				
C 4. Downed firefighter is safely removed from the structure.				
Total	Score needed to pass		3	

SKILL SHEET # 11
RIC Scenario

Performance Evaluation: The evaluator shall verify that the candidate has the ability to remove a downed firefighter from a structure.

JPR: 7.4(3)(6)(7), 7.6(2), 7.11(1)(2)(3)(4), 8.3.1, 8.3.3, 8.3.5 NFPA 1407, 2015 Edition	Tasks: Given a scenario, remove a downed firefighter from a structure.
Instructor's Statement	1. The candidate, given a scenario, full PPE, and a downed firefighter, shall remove the downed firefighter to safety so that the listed performance steps are completed.
Equipment Required: PPE, RIC bag/space SCBA, ladders, hand tools, backboard/basket, portable radio(s), equipment to properly anchor candidate and/or victim.	
Critical Skills are identified by a bold type "C". Any candidate that fails to complete a critical skill	
Safety: A safety violation is grounds for automatic failure. All proctors present shall review the safety violation.	

STEPS FOR SKILL COMPLETION	Initial		Retest	
	Yes	No	Yes	No
C 1. Secure a dedicated communications channel.				
C 2. Access made to downed firefighter.				
C 3. Reported location, condition, and intention of the RIC				
C 4. Provide and maintain air supply to downed firefighter.				
C 5. Move downed firefighter to safe area.				
Total	Score needed to pass			5

CERTIFICATION SKILLS SIGN-OFF

NFPA 1407 - Rapid Intervention Crews

Skill Sheet Number →	1	2	3	4	5	6	7	8	9	10	11							
Skill Sheet Title →	Ropes and Knots	Use of MAS	Search Techniques	Replace Face piece	Replace Regulator	Utilize UAC	Rescue Basket	Through a Window	Attic Space	Below Grade	Scenario							
Text Reference: J&B Fire Service Rapid Intervention Crews																		
Candidate's Names																		
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VERIFICATION

Test Location:

Test Date:

Evaluator Name (Print)

Additional Instructor Verification (If Needed)

Printed: _____

Signature: _____

Evaluator Signature:
