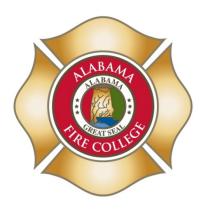
RESCUE TECHNICIAN: STRUCTURAL COLLAPSE RESCUE I/II

SKILL SHEET PACKAGE

Based on NFPA 1006: Standard for Technical Rescue Professional Qualifications, 2013 Edition.



ALABAMA FIRE COLLEGE

JULY 2014 REVISED 02/10/2017

ALABAMA FIRE COLLEGE

RT: Structural Collapse I/II

Instructional JPR Verification Sheet

Full Name:	Fire Department:
	<u> </u>

This Instructional JPR Verification Sheet is to be used in conjunction with the Alabama Fire College RT: Structural Collapse I/II Skill Sheets. These skills meet all the requirements of NFPA 1006, Standard for Technical Rescuer Professional Qualifications Standard for Technical Rescuer Professional Qualifications, 2013 edition. Each of these skills should be taught and assessed during the course.

Skill	Primary Task	JPR(s) Covered
Sheet	·	
	RT: Structural Collapse Level I	
1-1	Conduct a Size-Up of a Light Frame Collapsed Structure	9.1.1
1-2	Determine Potential Victim Location in a Light-Frame	9.1.2
	Construction Collapse	
1-3	Develop a Collapse Rescue Incident Action Plan	9.1.3
1-4	Implement a Collapse Rescue Incident Action Plan	9.1.4
1-5	Search a Light-Frame Collapsed Structure	9.1.5
1-6	Stabilize a Collapsed Light-Frame Structure as a Member of a	9.1.6
	Team	
1-7	Implement Collapse Support Operations at a Rescue Incident	9.1.7
1-8	Release a Victim from Entrapment by Components of a Light-	9.1.8
	Frame Collapse	
1-9	Remove a Victim from a Light-Frame Collapse Incident	9.1.9
1-10	Lift a Heavy Load as a Team Member	9.1.10
1-11	Move a Heavy Load as a Team Member	9.1.11
1-12	Breach Light-Frame Construction Structural Components	9.1.12
1-13	Construct Cribbing Systems	9.1.13
	RT: Structural Collapse Level II	
2-1	Conduct a Size-Up of a Collapsed Heavy Construction-Type	9.2.1
	Structure	
2-2	Determine Potential Victim Location in a Heavy Construction-	9.2.2
	Type Collapse	
2-3	Develop a Collapse Rescue Incident Action Plan	9.2.3
2-4	Implement a Collapse Rescue Incident Action Plan	9.2.4
2-5	Search a Collapsed Heavy Construction-Type Structure	9.2.5
2-6	Stabilize a Collapsed Heavy Construction-Type Structure as a	9.2.6
	Member of a Team	
2-7	Implement Collapse Support Operations at a Rescue Incident	9.2.7
2-8	Release a Victim from Entrapment by Components of a	9.2.8
	Collapsed Heavy Construction-Type Structure	

2-9	Remove a Victim from a Heavy	Construction-Type Collapse	9.2.9
	Incident		
2-10	Lift a Heavy Load as a Team Me	mber	9.2.10
2-11	Move a Heavy Load as a Team N	Member	9.2.11
2-12	Breach Heavy-Frame Structural	Components	9.2.12
2-13	Construct Cribbing Systems		9.2.13
2-14	Stabilize a Collapsed Heavy Con	struction-Type Structure as a	9.2.14
	Member of a Team		
2-15	Cut Through Structural Steel	9.2.15	
2-16	Coordinate the Use of Heavy Equ	uipment	9.2.16
Course L	ocation:	Course Dates:	
T	D' (1M	I , G'	
Instructor	Printed Name:	Instructor Signature:	
Candidate	e Printed Name:	Candidate Signature:	

Conduct a Size-up of a Light-Framed Collapsed Structure

Reference Source: NFPA 1006, *Standard for Technical Rescuer Professional Qualifications*, 9.1.1, 2013 edition

AFC & PSC

Rescue Technician: Structural Collapse I

Skill Sheet RT: SC 1-1

The candidate, given an incident and specific incident information, shall conduct a size-up of a light-framed collapsed structure.

Expected time to complete skill(s) is 30 minutes

Critical/Performance Steps			Te	est	Ref	est
Safely performs the following steps:			Р	F	Р	F
Existing and potential conditions within the evaluated	e structure and	I the immediate periphery are	•			
2. Needed resources are defined						
3. Structural stability hazards are identification	ed - CRITICAL	. POINT				
4. Construction and occupancy types are de	termined.					
5. Collapse type is identified, if possible						
6. The need for rescue is assessed						
7. A scene security perimeter is established						
8. The size-up is conducted within the scope	e of the inciden	t management system				
Candidate must successfully perform 6/8 steps including ALL CRITICAL POINTS				:/8	Score	:/8
	Evaluator	Notes				
Evaluator Print Name & Signature:	Date	Overall Skill Sheet Score				
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Note to Student: Skill will end when you			ave cor	nplete	ed all th	ne
identified steps. Notify the evaluator at ANY	time that you	nave a safety concern.				

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Determine Potential Victim Location in a Light-Framed Construction Collapse

Reference Source: NFPA 1006, Standard for Technical Rescuer Professional Qualifications, 9.1.2, 2013 edition

Rescue Technician: Structural Collapse I

Skill Sheet RT: SC 1-2

The candidate, given size-up information, a structural collapse tool kit, the type of construction and occupancy, time of day, and collapse pattern, shall determine potential victim locations in a light-framed construction collapse incident.

Expected time to complete skill(s) is 20 minutes

Safely performs the following steps:		st	Kei	est
curery performs the following steps.	Р	F	Р	F
Search areas are established				
2. Victim(s) can be located				
3. Properly uses size-up information				
4. Properly uses occupancy classification information				
5. Properly uses search devices				
6. Assesses and categorizes type of collapse				
Candidate must successfully perform 5/6 steps including ALL CRITICAL POINTS Section 2.1	Score	:/6	Score	:/6
Evaluator Notes				
Evaluator Print Name & Signature: Date Overall Skill Sheet Score				
Pass Fail	I			
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Fire College Evaluator, have followed AFC Skills Testing Policy, and have witnessed that	the a	above	candi	date
has tested the above skills in their entirety.				
Note to Student: Skill will end when you state or indicate to the evaluator that you have identified steps. Notify the evaluator at ANY time that you have a safety concern.	e com	plete	d all th	е

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AFO & PROC

Develop a Collapse Rescue Incident Action Plan

Reference Source: NFPA 1006, Standard for Technical Rescuer Professional Qualifications, 9.1.3, 2013 edition

Rescue Technician: Structural Collapse I

Skill Sheet RT: SC 1-3

The candidate, given size-up information and a light-framed construction collapse, shall develop a collapse rescue incident action plan.

Expected time to complete skill(s) is 20 minutes

Critical/Performance Steps			Te	Test		est
Safely performs the following steps:					Р	F
Size-up information is utilized						
2. An incident management system is	implemente	ed - CRITICAL POINT				
3. Existing and potential conditions withi periphery are monitored	n the structur	e and the immediate				
4. Potential specialized resources are id	entified					
5. Construction and occupancy types are	e identified					
6. Specific incident security requirement	s are identifie	ed				
7. Written documentation is created						
8. Work perimeters are determined						
9. Collapse type/category and associate	d hazards ar	e identified				
10. Incident objectives are establishe	d – CRITICA	L POINT				
Candidate must successfully perform 7/1 POINTS	<mark>0</mark> steps includ	ding <mark>ALL CRITICAL</mark>	Score	:/10	Score	/10
Evaluator Print Name & Signature:	Date	Overall Skill Sheet Score				
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Note to Student: Skill will end when you identified steps. Notify the evaluator at ANY			nave cor	nplete	d all th	ne

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Implement a Collapse Rescue Incident Action Plan

Reference Source: NFPA 1006, Standard for Technical Rescuer Professional Qualifications, 9.1.4, 2013 edition

Rescue Technician: Structural Collapse I

Skill Sheet RT: SC 1-4

The candidate, given an action plan and a light-frame collapsed structure, shall implement a collapse rescue incident action plan.

Expected time to complete skill(s) is 30 minutes

Critical/Performance Steps			Te	Test		est	
Safely performs the following steps:					F	Р	F
1. Components of the written incident action	plan are imple	emented					
2. An incident management system is establ POINT	ished and imp	l <mark>lemented – CRITIC</mark>	AL				
3. Monitoring of dynamic conditions internall	y and external	ly is established					
4. Specialized resources are requested.							
5. Hazards are mitigated							
6. Victim rescue and extraction techniques are consistent with collapse and construction type – CRITICAL POINT							
7. Perimeter security measures are establish	ned						
Candidate must successfully perform 5/7 steps including ALL CRITICAL POINTS					e:/7	Score	:/7
	Evaluator	Notes					
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	Note to Student: Skill will end when you state or indicate to the evaluator that you have completed all the identified steps. Notify the evaluator at ANY time that you have a safety concern.						

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Search a Light-Frame Collapsed Structure

Reference Source: NFPA 1006, Standard for Technical Rescuer Professional Qualifications, 9.1.5, 2013 edition

Rescue Technician: Structural Collapse I

Skill Sheet RT: SC 1-5

The candidate, given personal protective equipment, the structural collapse tool kit, an assignment, operational protocols, and size-up information, shall search a light-frame collapsed structure.

Expected time to complete skill(s) is 60 minutes

Critical/Performance Steps			Te	est	Ret	est
Safely performs the following steps:			Р	F	Р	F
1. All victim locations and potential hazards a CRITICAL POINT	are identified, i	marked, and reported -				
2. Protocols are followed - CRITICAL POINT	r					
3. Hazards are identified and mitigated						
4. Rescuer safety is maintained- CRITICAL	POINT					
5. Proper search and rescue structural mark	ing system is ι	used				
6. Incident management system is implemen	nted- CRITICA	L POINT				
7. Proper search techniques are used- CRIT	ICAL POINT					
8. Victim locating devices are properly used						
Candidate must successfully perform 6/8	steps includi	ing ALL CRITICAL POINTS	Score	e:/8	Score	:/8
Evaluator Print Name & Signature:	Date	Overall Skill Sheet Score				
S		Pass F	ail			
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Stabilize a Collapsed Light-Frame Structure as a Member of a Team

Reference Source: NFPA 1006, *Standard for Technical Rescuer Professional Qualifications*, 9.1.6, 2013 edition

Rescue Technician: Structural Collapse I

Skill Sheet RT: SC 1-6

The candidate, given size-up information, a specific pattern of collapse, a basic structural collapse tool kit, and an assignment, shall stabilize a collapsed light-frame structure as a member of a team.

Expected time to complete skill(s) is 120 minutes

Critical/Performance Steps			Te	st	Ret	est
Safely performs the following steps:			Р	F	Р	F
1. Strategies to effectively minimize the movidentified and implemented- CRITICAL POINT		tural components are				
2. Hazard warning systems are established a	and understoo	d by participating personnel				
3. Incident-specific personal protective equip CRITICAL POINT	ment is identif	ied, provided, and utilized -				
4. Physical hazards are identified						
5. Confinement, containment, and avoidance	e measures are	e discussed				
6. A rapid intervention team is established ar	nd staged					
Shoring systems for collapses in light-fram and associated hazards are monitored - CRI						
8. Structural load calculations are performed						
9. Resource needs are determined						
10. Basic and specialized tools and equipmen	nt are selected	I and operated				
11. Communications and safety protocols are	implemented					
Candidate must successfully perform 8/1 POINTS	<mark>1</mark> steps includ	ding ALL CRITICAL	Score	:/11	Score:	/11
	Evaluator	Notes	•			
Evaluator Print Name & Signature:	Date	Overall Skill Sheet Score				
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Note to Student: Skill will end when you sidentified steps. Notify the evaluator at ANY			ave cor	nplete	d all th	e

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Implement Collapse Support Operations at a Rescue Incident

Reference Source: NFPA 1006, Standard for Technical Rescuer Professional Qualifications, 9.1.7, 2013 edition

Rescue Technician: Structural Collapse I

Skill Sheet RT: SC 1-7

The candidate, given an assignment and available resources, shall implement collapse support operations at a rescue incident.

Expected time to complete skill(s) is 20 minutes

Performance Steps			Te	est	Ret	est
Safely performs the following steps:			Р	F	Р	F
1. Scene lighting is adequate for the task	ks to be unde	rtaken				
2. Environmental concerns are managed	t					
3. Personnel rehabilitation is facilitated						
4. The support operations facilitate rescu	ue operationa	l objectives				
5. Resources are managed						
Candidate must successfully perform 4/5 steps including ALL CRITICAL POINTS Sco				e:/5	Score	:/5
	Evaluator	Notes				
Evaluator Print Name & Signature:	Date	Overall Skill Sheet Score				
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Note to Student: Skill will end when you sidentified steps. Notify the evaluator at ANY			ave cor	пріете	d all tr	ie

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Release a Victim from Entrapment by Components of a Light Frame Collapse

Reference Source: NFPA 1006, Standard for Technical Rescuer Professional Qualifications, 9.1.8, 2013 edition

Rescue Technician: Structural Collapse I

Skill Sheet RT: SC 1-8

The candidate, given personal protective equipment and resources for breaching, breaking, lifting, prying, shoring, and/or otherwise moving or penetrating the offending structural component, shall release a victim from entrapment by components of a light-frame collapsed structure.

Expected time to complete skill(s) is 30 minutes

Critical/Performance Steps		Те	st	Ret	est
Safely performs the following steps:		Р	F	Р	F
Hazards to rescue personnel and victims are minimized					
2. Considerations are given to crush syndrome					
3. Techniques enhance patient survivability					
4. Tasks are accomplished within projected time frames					
5. Techniques do not compromise the integrity of the existing structure or support systems	structural				
6. Personal protective equipment is selected and used – CRITICAL PO	INT				
7. Rescue tools and stabilization systems are operated					
8. Risk–benefit assessments are completed for selected methods of rescue and time constraints					
Candidate must successfully perform 6/8 steps including ALL CRITI	CAL POINTS	Score	:/8	Score	:/8
Evaluator Notes					
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Remove a Victim from a Light-Frame Collapse Incident

Reference Source: NFPA 1006, Standard for Technical Rescuer Professional Qualifications, 9.1.9, 2013 edition

Rescue Technician: Structural Collapse I

Skill Sheet RT: SC 1-9

Given a disentangled victim, a basic first-aid kit, and victim packaging resources, the candidate shall remove a victim from a light-frame collapse incident.

Expected time to complete skill(s) is 20 minutes

Critical/Performance Steps			Те	st	Ret	est
Safely performs the following steps:			Р	F	Р	F
1. Basic life functions are supported as r	equired					
2. Victim is evaluated for signs of crush	syndrome					
3. A fracture is stabilized						
4. Advanced life support is called if need	led					
5. Methods and packaging devices select routes of transfer	cted are com	patible with intended				
6. Universal precautions are employed to protect personnel from bloodborne pathogens						
7. Extraction times meet time constraints	s for medical	management				
8. Personal protective equipment is sele	cted and use	d				
Candidate must successfully perform 6/8	steps includ	ing ALL CRITICAL POINTS	Score	:/8	Score	:/8
Evaluator Print Name & Signature:	Date	Overall Skill Sheet Score				
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Lift a Heavy Load as a Team Member

Reference Source: NFPA 1006, Standard for Technical Rescuer Professional Qualifications, 9.1.10, 2013 edition

Rescue Technician: Structural Collapse I

Skill Sheet RT: SC 1-10

The candidate, given a structural collapse tool kit and a load to be lifted, shall lift, control and stabilize a heavy load as a team member.

Expected time to complete skill(s) is 60 minutes

Critical/Performance Steps			Te	Test		est			
Safely performs the following steps:			Р	F	Р	F			
The weight of the load is evaluated and estimated									
2. Tools are selected according to estimated	weight								
3. A lever is selected according to the estima	ated weight								
4. A load stabilization system is selected acc	cording to the	estimated weight							
5. Control and stabilization are maintained before, during, and after the lift – CRITICAL POINT									
6. The load is lifted									
7. Access can be gained									
Candidate must successfully perform 5/7 steps including all CRITICAL POINTS				Score:/7					
Evaluator Notes									
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Note to Evaluator(s): By your signature above, you verify that you are qualified to serve as an Alabama Fire College Evaluator, have followed AFC Skills Testing Policy, and have witnessed that the above candidate has tested the above skills in their entirety.									
Note to Student: Skill will end when you identified steps. Notify the evaluator at ANY			ive cor	nplete	d all th	е			

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Move a Heavy Load as a Team Member

Reference Source: NFPA 1006, Standard for Technical Rescuer Professional Qualifications, 9.1.11, 2013 edition

Rescue Technician: Structural Collapse I

Skill Sheet RT: SC 1-11

The candidate, given a structural collapse tool kit, shall move a heavy load as a team member.

Expected time to complete skill(s) is 30 minutes

Critical/Performance Steps				Test		est		
Safely performs the following steps:			Р	F	Р	F		
The load is moved the required distance to gain access								
2. Control is constantly maintained								
3. The weight of the load is evaluated ar								
4. Required tools are operated								
5. Levers and incline planes are constructed and used								
6. Rigging systems are used								
7. Load is stabilized								
Candidate must successfully perform 5/7 steps including ALL CRITICAL POINTS					Score	:/7		
Evaluator Notes								
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Note to Evaluator(s): By your signature								
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Note to Student: Skill will end when you state or indicate to the evaluator that you have completed all the								
identified steps. Notify the evaluator at ANY time that you have a safety concern.								

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Breach Light-Frame Structural Components

Reference Source: NFPA 1006, Standard for Technical Rescuer Professional Qualifications, 9.1.12, 2013 edition

AFC & PSC

Rescue Technician: Structural Collapse I

Skill Sheet RT: SC 1-12

The candidate, given an assignment, personal protective equipment, various types of construction materials, and a structural collapse tool kit, shall breach light-frame structural components.

Expected time to complete skill(s) is 45 minutes

Critical/Performance Steps			Te	Test		est			
Safely performs the following steps:			Р	F	Р	F			
The opening supports the rescue objectives									
2. The necessary tools are selected									
3. Structural stability is maintained									
4. The methods utilized are safe and efficient									
5. Breaching tools are selected and used									
6. Breaching techniques are implemented ba	ased on buildir	ng construction type							
7. Personal protective equipment is selected	l and used – C	RITICAL POINT							
Candidate must successfully perform 5/7 steps including ALL CRITICAL POINTS					Score	:/7			
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Construct Cribbing Systems

Reference Source: NFPA 1006, Standard for Technical Rescuer Professional Qualifications, 9.1.13, 2013 edition

AFC & PSC

Rescue Technician: Structural Collapse I

Skill Sheet RT: SC 1-13

The candidate, given an assignment, personal protective equipment, a structural collapse tool kit, various lengths and dimensions of construction-grade lumber, wedges, and shims, shall construct cribbing systems.

Expected time to complete skill(s) is 45 minutes

Critical/Performance Steps			Te	Test		est
Safely performs the following steps:			Р	F	Р	F
1. The cribbing system is selected, constructed, and will safely support the load						
2. The structural integrity of the system is ev	aluated and is	stable				
3. The load is calculated						
4. The assignment is completed						
Candidate must successfully perform 3/4	steps includ	ing all <mark>CRITICAL POINT</mark>	S Score	e:/4	Score	:/4
Evaluator Notes						
Evaluator Print Name & Signature:	Date	Overall Skill Sheet Scor	е			
		Pass	Fail			
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		Pass	Fail			
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Candidate Print Name & Signature:		Candidate: Print Name	or Candid	ate#		
Note to Evaluator(s): By your signature						
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Conduct a Size-up of a Collapsed Heavy Construction-Type Structure

Reference Source: NFPA 1006, Standard for Technical Rescuer Professional Qualifications, 9.2.1, 2013 edition

Rescue Technician: Structural Collapse II

Skill Sheet RT: SC 2-1

The candidate, given an incident and specific incident information, shall conduct a size-up of a collapsed heavy construction—type structure.

Expected time to complete skill(s) is 30 minutes

Critical/Performance Steps			Te	Test		est			
Safely performs the following steps:			Р	F	Р	F			
1. Existing and potential conditions within the structure and the immediate periphery are evaluated									
2. Needed resources are defined									
3. Hazards and structural stability are identif	ied - CRITICA	L POINT							
4. Construction and occupancy types are de	termined.								
5. Collapse type is identified, if possible									
6. The need for rescue is assessed									
7. A scene security perimeter is established									
8. The size-up is conducted within the scope	e of the incider	nt management system							
Candidate must successfully perform 6/8 steps including ALL CRITICAL POINTS				:/8	Score:	/8			
	Evaluator Notes								
Evaluator Print Name & Signature:	Date	Overall Skill Sheet Score							
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Note to Evaluator(s): By your signature									
Fire College Evaluator, have followed AFC has tested the above skills in their entirety.	Skills Testing I	Policy, and have witnessed th	at the	above	candi	date			
Note to Student: Skill will end when you state or indicate to the evaluator that you have completed all the									
identified steps. Notify the evaluator at ANY	time that you	have a safety concern.							

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Determine Potential Victim Location in a Heavy Construction-Type Collapse

Reference Source: NFPA 1006, Standard for Technical Rescuer Professional Qualifications, 9.2.2, 2013 edition

Rescue Technician: Structural Collapse II

Skill Sheet RT: SC 2-2

The candidate, given size-up information, a structural collapse tool kit, the type of construction and occupancy, time of day, and collapse pattern, shall determine potential victim locations in a heavy construction—type collapse incident.

Expected time to complete skill(s) is 20 minutes

Performance Steps			Te	Test		est		
Safely performs the following steps:			Р	F	Р	F		
Search areas are established								
2. Victim(s) can be located								
3. Properly uses size-up information								
4. Properly uses occupancy classification information								
5. Properly uses search devices								
6. Assesses and categorizes type of collapse								
Candidate must successfully perform 5/6 steps including ALL CRITICAL POINTS					Score	:/6		
Evaluator Notes								
Evaluator Print Name & Signature:	Date	Overall Skill Sheet Score						
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Develop a Collapse Rescue Incident Action Plan

Reference Source: NFPA 1006, Standard for Technical Rescuer Professional Qualifications, 9.2.3, 2013 edition

AFC & PSC

Rescue Technician: Structural Collapse II

Skill Sheet RT: SC 2-3

The candidate, given size-up information and a collapsed heavy construction—type structure, shall develop a collapse rescue incident action plan.

Expected time to complete skill(s) is 20 minutes

Critical/Performance Steps			Тє	Test		est
Safely performs the following steps:			Р	F	Р	F
Size-up information is utilized						
2. An incident management system is implemented – CRITICAL POINT						
3. Existing and potential conditions within the structure and the immediate periphery are monitored						
4. Potential specialized resources are identif	ied					
5. Construction and occupancy types are ide	entified					
6. Specific incident security requirements are	e identified					
7. Written documentation is created						
8. Work perimeters are determined						
9. Collapse type/category and associated hazards are identified						
10. Incident objectives are established – CRITICAL POINT						
Candidate must successfully perform 7/10 steps including all CRITICAL POINTS					Score:	/10
	Evaluator	Notes			1	
Evaluator Print Name & Signature:	Date	Overall Skill Sheet Score				
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Note to Student: Skill will end when you sidentified steps. Notify the evaluator at ANY			e comp	oleted	all the	

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Implement a Collapse Rescue Incident Action Plan

Reference Source: NFPA 1006, Standard for Technical Rescuer Professional Qualifications, 9.2.4, 2013 edition

Rescue Technician: Structural Collapse II

Skill Sheet RT: SC 2-4

The candidate, given an action plan and a collapsed heavy construction—type structure, shall implement a collapse rescue incident action plan.

Expected time to complete skill(s) is 30 minutes

Critical/Performance Steps			Te	Test		est		
Safely performs the following steps:			Р	F	Р	F		
1. Implement written incident action plan								
2. An incident management system is estable POINT	lished and imp	lemented – CRITICAL						
3. Monitoring of dynamic conditions internally and externally is established								
4. Specialized resources are requested.								
5. Hazards are mitigated								
6. Rescue objectives are initiated								
7. Victim rescue and extraction techniques are consistent with collapse and construction type – CRITICAL POINT								
8. Perimeter security measures are established								
Candidate must successfully perform 6/8 steps including ALL CRITICAL POINTS					Score	:/8		
Evaluator Notes								
Evaluator Print Name & Signature:	Date	Overall Skill Sheet Score						
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Note to Student: Skill will end when you identified steps. Notify the evaluator at ANY			ave cor	nplete	d all th	ne		

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Search a Collapsed Heavy Construction-Type Structure

Reference Source: NFPA 1006, Standard for Technical Rescuer Professional Qualifications, 9.2.5, 2013 edition

Rescue Technician: Structural Collapse II

Skill Sheet RT: SC 2-5

The candidate, given personal protective equipment, the structural collapse tool kit, an assignment, operational protocols, and size-up information, shall search a collapsed heavy construction—type structure.

Expected time to complete skill(s) is 60 minutes

Critical/Performance Steps			Test		Ret	est			
Safely performs the following steps:			Р	F	Р	F			
1. All victim locations and potential hazards a CRITICAL POINT	are identified, i	marked, and reported -							
2. Protocols are followed - CRITICAL POINT									
3. The mode of operation can be determined									
4. Hazards are identified and rescuer safety is maintained - CRITICAL POINT									
5. Proper search and rescue structural marking system is used									
6. Incident management system is implemen									
7. Proper search techniques are used- CRITICAL POINT									
8. Victim locating devices are properly used									
Candidate must successfully perform 6/8 steps including ALL CRITICAL POINTS				:/8	Score	:/8			
Evaluator Notes									
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Stabilize a Collapsed Heavy Construction-Type Structure as a Member of a Team

Reference Source: NFPA 1006, *Standard for Technical Rescuer Professional Qualifications*, 9.2.6, 2013 edition

Rescue Technician: Structural Collapse II

Skill Sheet RT: SC 2-6

The candidate, given size-up information, a specific pattern of collapse, a basic structural collapse tool kit, and an assignment, shall stabilize a collapsed heavy construction—type structure as a member of a team.

Expected time to complete skill(s) is 120 minutes

Critical/Performance Steps			Te	Test		est	
Safely performs the following steps:			Р	F	Р	F	
1. Strategies to effectively minimize the movidentified and implemented- CRITICAL POIL							
2. Hazard warning systems are established and understood by participating personnel							
3. Incident-specific personal protective equipment is identified, provided, and utilized - CRITICAL POINT							
4. Physical hazards are identified							
5. Confinement, containment, and avoidance	e measures a	are discussed					
6. A rapid intervention team is established a	nd staged						
 Shoring systems for collapses in light-fran and associated hazards are monitored - CR 							
8. Structural load calculations are performed							
9. Resource needs are determined							
10. Basic and specialized tools and equipment are selected and operated							
11. Communications and safety protocols are implemented							
Candidate must successfully perform 8/1 POINTS	1 steps incl	uding <mark>ALL CRITICAL</mark>	Score	:/11	Score:	/11	
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Note to Student: Skill will end when you identified steps. Notify the evaluator at ANY			ave cor	nplete	d all th	ie	



Implement Collapse Support Operations at a Rescue Incident

Reference Source: NFPA 1006, Standard for Technical Rescuer Professional Qualifications, 9.2.7, 2013 edition

Rescue Technician: Structural Collapse II

Skill Sheet RT: SC 2-7

The candidate, given an assignment and available resources, shall implement collapse support operations at a rescue incident.

Expected time to complete skill(s) is 20 minutes

Performance Steps				Test		est		
Safely performs the following steps:			Р	F	Р	F		
1. Scene lighting is adequate for the tasks to	be undertake	n						
2. Environmental concerns are managed								
3. Personnel rehabilitation is facilitated								
4. The support operations facilitate rescue o	perational obje	ectives						
5. Resources are managed								
Candidate must successfully perform 4/5 steps including ALL CRITICAL POINTS					Score	:/5		
Evaluator Notes								
Evaluator Print Name & Signature:	Date	Overall Skill Sheet Score						
		Pass	Fail					
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Note to Student: Skill will end when you identified steps. Notify the evaluator at ANY			nave cor	npiete	u ali tr	е		

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Release a Victim from Entrapment by Components of a Collapsed Heavy Construction-Type Structure

Reference Source: NFPA 1006, Standard for Technical Rescuer Professional Qualifications, 9.2.8, 2013 edition

Rescue Technician: Structural Collapse II

Skill Sheet RT: SC 2-8

The candidate, given personal protective equipment and resources for breaching, breaking, lifting, prying, shoring, and/or otherwise moving or penetrating the offending structural component, shall release a victim from entrapment by components of a collapsed heavy construction—type structure.

Expected time to complete skill(s) is 30 minutes

Critical/Performance Steps			Te	Test		est			
Safely performs the following steps:			Р	F	Р	F			
Hazards to rescue personnel and victims are minimized									
2. Considerations are given to crush syndror	me								
3. Techniques enhance patient survivability									
4. Tasks are accomplished within projected time frames									
5. Techniques do not compromise the integrity of the existing structure or structural support systems									
6. Personal protective equipment is selected and used – CRITICAL POINT									
7. Rescue tools and stabilization systems are	e operated								
Risk–benefit assessments are completed for selected methods of rescue and time constraints									
Candidate must successfully perform 6/8 steps including ALL CRITICAL POINTS				:/8	Score	:/8			
Evaluator Notes									
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identified steps. Notify the evaluator at ANY			. 5 551		a. a.i. ti				

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Remove a Victim from a Heavy Construction-Type Collapse Incident

Reference Source: NFPA 1006, *Standard for Technical Rescuer Professional Qualifications*, 9.2.9, 2013 edition

Rescue Technician: Structural Collapse II

Skill Sheet RT: SC 2-9

Given a disentangled victim, a basic first-aid kit, and victim packaging resources, the candidate shall remove a victim from a heavy construction—type collapse incident.

Expected time to complete skill(s) is 20 minutes

Critical/Performance Steps		Test R		Ret	est	
Safely performs the following steps:			Р	F	Р	F
1. Basic life functions are supported as requ	ired					
2. Victim is evaluated for signs of crush syndrome						
A fracture is stabilized						
4. Advanced life support is called, if needed						
5. Methods and packaging devices selected are compatible with intended routes of transfer						
6. Universal precautions are employed to protect personnel from bloodborne pathogens						
7. Extraction times meet time constraints for medical management						
8. Personal protective equipment is selected and used						
9. Soft tissue injury care is performed as necessary						
Candidate must successfully perform 7/9 steps including ALL CRITICAL POINTS			Score	e:/9	Score	:/9
	Evaluator	Notes				
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Note to Evaluator(s): By your signature above, you verify that you are qualified to serve as an Alabama Fire College Evaluator, have followed AFC Skills Testing Policy, and have witnessed that the above candidate has tested the above skills in their entirety. Note to Student: Skill will end when you state or indicate to the evaluator that you have completed all the identified steps. Notify the evaluator at ANY time that you have a safety concern.						
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Lift a Heavy Load as a Team Member

Reference Source: NFPA 1006, Standard for Technical Rescuer Professional Qualifications, 9.2.10, 2013 edition

Rescue Technician: Structural Collapse II

Skill Sheet RT: SC 2-10

The candidate, given a structural collapse tool kit and a load to be lifted, shall lift, control, and stabilize a heavy load as a team member.

Expected time to complete skill(s) is 60 minutes

Critical/Performance Steps			Te	Test		est
Safely performs the following steps:			Р	F	Р	F
1. The weight of the load is evaluated and es	stimated					
2. Tools are selected according to estimated	weight					
3. A lever is selected according to the estimated weight						
4. A load stabilization system is selected according to the estimated weight						
5. Control and stabilization are maintained before, during, and after the lift – CRITICAL POINT			_			
6. The load is lifted						
7. Access can be gained						
Candidate must successfully perform 5/7 steps including ALL CRITICAL POINTS			Score	e:/7	Score	:/7
Evaluator Notes						
Evaluator Print Name & Signature:	Date	Overall Skill Sheet Score				
		Pass	Fail			
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Candidate Print Name & Signature: Candidate: Print Name or Ca		Candida	ate#			
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identified steps. Notify the evaluator at _{ANY} time that you have a safety concern.					a an u	

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Move a Heavy Load as a Team Member

Reference Source: NFPA 1006, Standard for Technical Rescuer Professional Qualifications, 9.2.11, 2013 edition

Rescue Technician: Structural Collapse II

Skill Sheet RT: SC 2-11

The candidate, given a structural collapse tool kit, shall move a heavy load as a team member.

Expected time to complete skill(s) is 30 minutes

Critical/Performance Steps			Te	est	Ret	est		
Safely performs the following steps:			Р	F	Р	F		
1. The load is moved the required distance to	o gain access							
2. Control is constantly maintained								
3. The weight of the load is evaluated and estimated								
4. Required tools are operated								
5. Levers and incline planes are constructed and used								
6. Rigging systems are used								
7. Load is stabilized								
Candidate must successfully perform 5/7 steps including ALL CRITICAL POINTS				e:/7	Score	:/7		
	Evaluator	Notes	•					
	-							
Evaluator Print Name & Signature:	Date	Overall Skill Sheet Score						
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Note to Evaluator(s): By your signature above, you verify that you are qualified to serve as an Alabama Fire College Evaluator, have followed AFC Skills Testing Policy, and have witnessed that the above candidate has tested the above skills in their entirety.								
Note to Student: Skill will end when you state or indicate to the evaluator that you have completed all the identified steps. Notify the evaluator at ANY time that you have a safety concern.								

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Breach Heavy-Frame Structural Components

Reference Source: NFPA 1006, Standard for Technical Rescuer Professional Qualifications, 9.2.12, 2013 edition

AFC & PSC

Rescue Technician: Structural Collapse II

Skill Sheet RT: SC 2-12

The candidate, given an assignment, personal protective equipment, various types of construction materials, and a structural collapse tool kit, shall breach heavy-frame structural components.

Expected time to complete skill(s) is 60 minutes

Critical/Performance Steps			Te	est	Ret	est	
Safely performs the following steps:			Р	F	Р	F	
1. The opening supports the rescue objective	es						
2. The necessary tools are selected							
3. Structural stability is maintained							
4. The methods utilized are safe and efficient							
5. Breaching tools are selected and used							
6. Breaching techniques are implemented ba	ased on buildir	ng construction type					
7. Personal protective equipment is selected	l and used – C	RITICAL POINT					
Candidate must successfully perform 5/7 steps including ALL CRITICAL POINTS			Score	e:/7	Score	:/7	
	Evaluator	Notes	ı				
Evaluator Print Nama 9 Cignatura	Date	Overall Skill Sheet Score					
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identified steps. Notify the evaluator at ANY	time that you	have a safety concern.					

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Construct Cribbing Systems

Reference Source: NFPA 1006, Standard for Technical Rescuer Professional Qualifications, 9.2.13, 2013 edition

AFC & PSC

Rescue Technician: Structural Collapse II

Skill Sheet RT: SC 2-13

The candidate, given an assignment, personal protective equipment, a structural collapse tool kit, various lengths and dimensions of construction-grade lumber, wedges, and shims, shall construct cribbing systems.

Expected time to complete skill(s) is 45 minutes

Critical/Performance Steps				Test		est	
Safely performs the following steps:			Р	F	Р	F	
1. The cribbing system is selected, construct	ted, and will sa	afely support the load					
2. The structural integrity of the system is evaluated and is stable							
3. The load is calculated							
4. The assignment is completed							
Candidate must successfully perform 3/4 steps including ALL CRITICAL POINTS			Score	e:/4	Score	:/4	
Evaluator Notes							
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Stabilize a Collapsed Heavy Construction-Type Structure as a Member of a Team

Reference Source: NFPA 1006, Standard for Technical Rescuer Professional Qualifications, 9.2.14, 2013 edition

Rescue Technician: Structural Collapse II

Skill Sheet RT: SC 2-14

The candidate, given size-up information, hazard-specific personal protective equipment, an assignment, a specific pattern of collapse, a structural collapse tool kit, specialized equipment necessary to complete the task, and engineering resources if needed, shall stabilize a collapsed heavy construction—type structure as a member of a team.

Expected time to complete skill(s) is 120 minutes

Performance Steps	Test		Retest	
Safely performs the following steps:	Р	F	Р	F
Hazard warning systems are established and understanding by team members is verified				
2. All unstable structural components that can impact the work and egress routes are identified				
3. Alternative egress routes are established when possible				
4. Expert resource needs are determined and communicated to command				
5. Load estimates are calculated for support system requirements				
6. All shoring systems meet or exceed load-bearing demands – CRITICAL POINT				
7. Shoring systems are constructed and monitored continuously for integrity				
8. Specific hazards associated with shoring are mitigated				
9. A rapid intervention crew (RIC) is established and staged to aid search and rescue personnel in the event of entrapment				
10. An accountability system is established				
11. Atmospheric monitoring is ongoing				
12. Progress is communicated as required				
CONTINUED ON PAGE 2				



Stabilize a Collapsed Heavy Construction-Type Structure as a Member of a Team

Reference Source: NFPA 1006, Standard for Technical Rescuer Professional Qualifications, 9.2.14, 2013 edition

Rescue Technician: Structural Collapse II

Skill Sheet RT: SC 2-14

The candidate, given size-up information, hazard-specific personal protective equipment, an assignment, a specific pattern of collapse, a structural collapse tool kit, specialized equipment necessary to complete the task, and engineering resources if needed, shall stabilize a collapsed heavy construction—type structure as a member of a team.

Expected time to complete skill(s) is 120 minutes

Performance Steps Continued			To	Test		est	
Safely performs the following steps:			Р	F	Р	F	
13. Personal protective equipment is selecte	d and used –	CRITICAL POINT					
14. Basic and specialized tools and equipment are selected and operated							
15. Safety protocols are implemented and fo	llowed						
Candidate must successfully perform 11/15 steps including ALL CRITICAL POINTS			Score	:/15	Score:	/15	
Evaluator Notes							
Evaluator Print Name & Signature:	Date	Overall Skill Sheet Score					
		Pass	Fail				
By my signature above, I verify that I	am currently c	ertified to the level I am test	ng (AL/l	PB/IFS	SAC)		
Re-Test Evaluator Print Name & Signature:		Overall Skill Sheet Re-Tes	t Score	Score			
		Pass	Fail				
By my signature above, I verify that I	am currently c	ertified to the level I am test	ng (AL/l	PB/IFS	SAC)		
Candidate Print Name & Signature: Candidate: Print Name or Ca			Candida	ate#			
Note to Evaluator(s): By your signature							
Fire College Evaluator, have followed AFC Skills Testing Policy, and have witnessed that the above candidate							
has tested the above skills in their entirety. Note to Student: Skill will end when your	state or indicat	te to the evaluator that you h	ave cor	nnlete	d all the	2	
Note to Student: Skill will end when you state or indicate to the evaluator that you have completed all the identified steps. Notify the evaluator at ANY time that you have a safety concern.							

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Alabama Fire College Revised 8/2012



Cut Through Structural Steel

Reference Source: NFPA 1006, Standard for Technical Rescuer Professional Qualifications, 9.2.15, 2013 edition

Rescue Technician: Structural Collapse II

Skill Sheet RT: SC 2-15

The candidate, given a structural collapse tool kit, personal protective equipment, and an assignment, shall cut through structural steel.

Expected time to complete skill(s) is 30 minutes

Critical/Performance Steps			Te	est	Ret	est
Safely performs the following steps:			Р	F	Р	F
1. Tools are selected based on objective						
2. Hazards are mitigated						
3. Heavy loads are stabilized, if needed						
4. The steel is efficiently cut using cutting tools						
5. The victim and rescuer are protected – CRITICAL POINT						
6. Fire control measures are in place and ex	tinguishing me	ethods are demonstrated				
7. The objective is accomplished – CRITICA	L POINT					
8. Proper PPE is selected and used properly	- CRITICAL F	POINT				
Candidate must successfully perform 6/8 steps including ALL CRITICAL POINTS			Score	e:/8	Score	:/8
Evaluator Notes						
Evaluator Print Name & Signature:	Date	Overall Skill Sheet Score				
			ail			
By my signature above, I verify that I	am currently c		• •	PB/IF	SAC)	
Re-Test Evaluator Print Name & Signature:		Overall Skill Sheet Re-Test	t Score			
			ail			
By my signature above, I verify that I	am currently c		• .		SAC)	
Candidate Print Name & Signature: Candidate: Print Name or Ca		Candida	ate#			
Note to Evaluator(s): By your signature						
Fire College Evaluator, have followed AFC Skills Testing Policy, and have witnessed that the above candidate						
has tested the above skills in their entirety. Note to Student: Skill will end when your	state or indicat	te to the evaluator that you h	ave cor	nplete	ed all th	ne
identified steps. Notify the evaluator at ANY						

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Coordinate the Use of Heavy Equipment

Reference Source: NFPA 1006, Standard for Technical Rescuer Professional Qualifications, 9.2.16, 2013 edition

Rescue Technician: Structural Collapse II

Skill Sheet RT: SC 2-16

The candidate, given personal protective equipment, means of communication, equipment and operator, and an assignment, shall coordinate the use of heavy equipment.

Expected time to complete skill(s) is 60 minutes

Critical/Performance Steps			Te	est	Ret	est
Safely performs the following steps:			Р	F	Р	F
1. Common communications are established equipment – CRITICAL POINT	with the use	of hand signals and radio				
2. Equipment usage supports the operational	ıl objective – C	CRITICAL POINT				
3. Hazards are recognized and avoided						
4. Rescuer and operator safety is assessed and protocols are followed						
5. Personal protective equipment is selected	l and used – C	RITICAL POINT				
Candidate must successfully perform 4/5	steps includ	ing ALL CRITICAL POINT	S Score	e:/5	Score	:/5
	Evaluator	Notes	l			
Evaluator Print Name & Signature:	Date	Overall Skill Sheet Score				
		Pass	Fail			
By my signature above, I verify that I			• •	PB/IF	SAC)	
Re-Test Evaluator Print Name & Signature:		Overall Skill Sheet Re-Tes	st Score			
		Pass	Fail			
By my signature above, I verify that I	am currently c				SAC)	
Candidate Print Name & Signature:		Candidate: Print Name or	· Candida	ate#		
Note to Evaluator(s): By your signature						
Fire College Evaluator, have followed AFC shas tested the above skills in their entirety.	Skills Testing I	Policy, and have witnessed	that the	above	candi	date
Note to Student: Skill will end when you	state or indica	te to the evaluator that you	have cor	nplete	d all th	ne
identified steps. Notify the evaluator at ANY					C (1	

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