

ALABAMA SMOKE
DIVER

SKILL SHEET PACKAGE

ALABAMA FIRE COLLEGE

JANUARY 2012



Alabama Smoke Diver Policies

- Class will begin at 8:00 a.m. Tardiness will not be tolerated! First instance of Tardiness will result in positive physical reinforcement (PT).
- If a candidate has a second tardy, he or she will be removed from class. No refunds will be processed after the start of first day of class.
- All candidates must attend all sessions; failure to attend all sessions and complete all evolutions will result in dismissal. Only the Fire Program Coordinator can excuse a candidate from training.
- The only jewelry allowed will be a wedding band, but it is strongly recommended that it be removed during outside activities.
- Daily physical training will be required. No offensive or suggestive attire will be worn. It is recommended that candidate wear department physical fitness attire.
- Candidates must successfully pass the job performance requirement (JPR) test to pass the course.
- Candidates must successfully pass all required evolutions and activities throughout the duration of the school in order to successfully complete the course. Due to the number of candidates and scheduling restraints of the course, minimal time can be spent on remedial training for those individuals who are unable to pass evolutions/activities. Students will be given two attempts at each evolution.

Retest Policy—Lead instructors will be permitted to identify anyone that has failed to complete a training evolution and attempt to correct the failure after ample rehabilitation has been administered to the individual. After a second failed attempt, the candidate will be removed from training.

- Vulgarity and/or profanity will not be tolerated in AFC training evolutions by neither candidates nor instructors. Any candidate that is in violation of this policy will be counseled and have his/her Training Officer at home department notified.
- Safety concerns are of paramount importance in all training evolutions. Safety is the responsibility of the instructor and the candidate. Candidates will be briefed on certain issues including hydration policies. The candidate bears a certain amount of responsibility to ensure that hydration policies are adhered to.

● Health screening information obtained by AFC will be used for medical use only and is considered privileged medical information for the expressed use of the Medical Staff of the Health Care Institution the candidate may be referred to for any acute care. Health information obtained may preclude your participation in training at the Alabama Fire College. In the event that you must seek medical treatment and/or are otherwise referred to medical facilities by AFC staff, you **MUST** obtain a full release from a medical doctor prior to readmission into training. After a full medical release, any missed training evolutions will be evaluated for your ability to make-up said training. In certain cases, dismissal from the school may be required.

● Gross insubordination and/or behavioral issues will be dealt with accordingly and may result in dismissal from the program. Instructors, staff members & guests will be shown utmost respect at all times. Disrespect to the above individuals including fellow candidates will not be tolerated.

● If a candidate elects to terminate his or her attendance of the Alabama Smoke Diver program, a staff member must be notified and a withdrawal form is required stating reasons why.

I certify that I have read and fully understand each of the above policies. I have resolved any questions concerning these policies prior to having signed below.

Recruit Candidate

Witness

Date

ALABAMA FIRE COLLEGE
Alabama Smoke Diver
Skill Evaluation/Certification Grade Sheet

All skills are pass or fail.

Alabama Smoke Diver candidates must pass all skills to be eligible for certification.

Skill #	Skill	Pass	Fail
1	Donning PPE		
2	Restricted Openings		
3	Search and Rescue		
4	Rapid Intervention		
5	Interior Structure Fire		
6	Declaring a Mayday		
7	Rapid Escape Procedure		
Comments			

Course Location:
Course Dates:
Evaluator Printed Name:
Evaluator Signature:
Candidate Printed Name:
Candidate Signature:

Alabama Smoke Diver

Donning Personal Protective Equipment



The ability to don personal protective equipment within 90 seconds.

AFC & PSC

Skill Sheet 1

The candidate, given a complete set of PPE, will don full personal protective equipment, according to manufacturer's recommendations and shall properly don a self-contained breathing apparatus and activate the PASS alarm within 90 seconds. The candidate may use **ONE of the following**: Over-the-head method, Coat method, or Seat Mount method.

Time limit for this station is 90 seconds. Timing starts when the candidate first touches any part of the personal protective equipment after telling the evaluator he/she is ready to start. Timing will end when all protective clothing and SCBA are donned and the PASS alarm is activated.

Criteria:	Test		Retest	
	P	F	P	F
DONNING PERSONAL PROTECTIVE EQUIPMENT				
Dons boots, pants, protective hood, coat, helmet, and gloves				
Dons SCBA using one of the listed methods and ensures unit is secured and adjusted properly				
Dons face piece, attaches regulator (if using waist mount regulator, attaches breathing tube to regulator) inhales activating regulator, holds breath to ensure there are no leaks – CRITICAL POINT				
Exhales forcefully to ensure exhalation valve is working properly- CRITICAL POINT				
Dons hood, helmet, and gloves and ensures there is no exposed skin – CRITICAL POINT				
Activates PASS alarm- CRITICAL POINT				
Dons all PPE within 90 seconds- CRITICAL POINT				
All personal protective equipment donned properly (no exposed skin, helmet strap is tightened, coat collar is up, and all fasteners are secured) – CRITICAL POINT				
Candidate must successfully perform 6/8 steps including all critical criteria	Score: __/8			
Evaluator Notes				
Evaluator Print Name & Signature:	Date	Overall Skill Sheet Score		
		Pass__	Fail__	
Re-Test Evaluator Print Name & Signature:		Overall Skill Sheet Re-Test Score		
		Pass__	Fail__	
Candidate Print Name & Signature:		Candidate: Print Name or Candidate #		



Alabama Smoke Diver Restricted Openings

The ability to use SCBA to exit through restricted passages.

Skill Sheet 2a

The candidate, wearing full protective equipment including SCBA of his/her choice, shall safely exit an area with restricted openings using **ONE** of the listed techniques (vertical or horizontal opening that is too small to accommodate both the firefighter and the SCBA).

Expected time to complete skill(s) is 30 minutes

Criteria:	Test		Retest	
RESTRICTED OPENINGS- SHIFTING THE SCBA	P	F	P	F
Maintains contact with SCBA – CRITICAL POINT				
Maintains physical, visual, or verbal contact with partner – CRITICAL POINT				
Keeps all PPE intact – CRITICAL POINT				
Checks conditions on other side of passage before entry – CRITICAL POINT				
Loosens shoulder strap and then waist strap				
Shifts SCBA to one side (depending on which side regulator is on)				
After obstruction is cleared, SCBA is repositioned and straps are tightened				
Candidate must successfully perform 5/7 steps including all critical criteria	Score: __/7			
RESTRICTED OPENINGS- BACKWARDS SWIM TECHNIQUE				
Maintains contact with SCBA – CRITICAL POINT				
Maintains physical, visual, or verbal contact with partner – CRITICAL POINT				
Keeps all PPE intact – CRITICAL POINT				
Checks conditions on other side of passage before entry – CRITICAL POINT				
Sits with back against wall and centered between two obstacles				
Feet positioned in front of body as far as possible and buttocks raised off of ground to proceed through opening				
Pulls shoulders and elbows into center of body while pushing backwards through the space				
Once SCBA is clear the firefighter rotates the body, dipping the shoulder to bring the rest of the body through the obstacle				
Candidate must successfully perform 6/8 steps including all critical criteria	Score: __/8			



Alabama Smoke Diver Restricted Openings

The ability to use SCBA to exit through restricted passages.

Skill Sheet 2b

The candidate, wearing full protective equipment including SCBA of his/her choice, shall safely exit an area with a restricted opening using **ONE** of the listed techniques (vertical or horizontal opening that is too small to accommodate both the firefighter and the SCBA).

Expected time to complete skill(s) is 30 minutes

Criteria:	Test		Retest	
	P	F	P	F
RESTRICTED OPENINGS-FORWARD DIVE TECHNIQUE				
Maintains contact with SCBA – CRITICAL POINT				
Maintains physical, visual, or verbal contact with partner – CRITICAL POINT				
Keeps all PPE intact – CRITICAL POINT				
Checks conditions on other side of passage before entry – CRITICAL POINT				
Centers body between two wall studs and places both arms in front through obstacle, attempting to get elbows past opening				
Exhales and arms are pulled inward to center of body, allowing firefighter to fall through opening				
Clears obstacle and uses arms to pull rest of body through opening				
Candidate must successfully perform 5/7 steps including all critical criteria	Score: __/7			
RESTRICTED OPENINGS-FULL ESCAPE PROCEDURE				
Maintains contact with SCBA – CRITICAL POINT				
Maintains physical, visual, or verbal contact with partner – CRITICAL POINT				
Keeps all PPE intact – CRITICAL POINT				
Checks conditions on other side of passage before entry – CRITICAL POINT				
While lying to one side, loosens the shoulder straps and removes waist strap				
Rolls out of the backpack to the side of the regulator and does not lose contact with strap – CRITICAL POINT				
SCBA is rotated with cylinder valve facing away from firefighter and straps are neat and organized to facilitate easy redonning				
Moves forward keeping SCBA in front and close to body – CRITICAL POINT				
When clear of obstacle, redonns the SCBA by laying out straps and rolling into backpack assembly				
Candidate must successfully perform 7/9 steps including all critical criteria	Score: __/9			



Alabama Smoke Diver Restricted Openings

The ability to use SCBA to exit through restricted passages.

Skill Sheet 2c

The candidate, wearing full protective equipment including SCBA of his/her choice, shall safely exit an area with a restricted opening using **ONE** of the listed techniques (vertical or horizontal opening that is too small to accommodate both the firefighter and the SCBA).

Expected time to complete skill(s) is 30 minutes

Evaluator Notes

Evaluator: Print Name & Signature:	Date	Overall Skill Sheet Score	
		Pass _____	Fail _____
Re-Test Evaluator: Print Name & Signature:		Overall Skill Sheet Re-Test Score	
		Pass _____	Fail _____
Candidate: Print Name & Signature:		Candidate: Print Name or Candidate #	



Alabama Smoke Diver Search and Rescue

Conduct search and rescue operations as a member of a team.

Skill Sheet 3

The candidate, wearing PPE including SCBA, shall demonstrate entering a simulated burning and smoke-filled environment, conduct search operations and locate and remove victims if found. The room(s) should be large enough to conduct proper search techniques.

Expected time to complete skill(s) is 30 minutes

Criteria:	Test		Retest	
SEARCHING FOR VICTIMS	P	F	P	F
Sizes up building for hazards, possible egress routes, and safe havens				
Collects all equipment required for searching (working radio, forcible entry tool, flashlight as a minimum) – CRITICAL POINT				
Checks door for heat before entering				
Uses proper search techniques and stays low during search – CRITICAL POINT				
Searches under and around furniture, behind closed doors, and all closets				
Ensures all rooms and areas of structure have been searched – CRITICAL POINT				
Evaluates conditions and identifies possible safe havens throughout search				
Candidate must successfully perform 5/7 steps including all critical criteria	Score: __/7			
Evaluator Notes				
Evaluator Print Name & Signature:	Date	Overall Skill Sheet Score		
		Pass _____	Fail _____	
Re-Test Evaluator Print Name & Signature:	Overall Skill Sheet Re-Test Score			
	Pass _____	Fail _____		
Candidate Print Name & Signature:	Candidate: Print Name or Candidate #			

Alabama Smoke Diver Rapid Intervention



The ability to initiate and complete emergency procedures.

Skill Sheet 4

The candidate wearing PPE including SCBA, being part of a rapid intervention team, and given a scenario shall demonstrate procedures to successfully rescue a firefighter that is down or trapped.

Expected time to complete skill(s) is 30 minutes

Criteria:	Test		Retest	
RAPID INTERVENTION	P	F	P	F
Locates the firefighter in trouble				
Assesses firefighter's condition and the environment he/she is in				
Provides an emergency air supply to the trapped or downed firefighter (if necessary)				
Calls for additional teams and resources				
Successfully removes firefighter to safety – CRITICAL POINT				
Candidate must successfully perform 4/5 steps including all critical criteria	Score: __/5			
Evaluator Notes				
Evaluator Print Name & Signature:	Date	Overall Skill Sheet Score		
		Pass___	Fail___	
Re-Test Evaluator Print Name & Signature:		Overall Skill Sheet Re-Test Score		
		Pass___	Fail___	
Candidate Print Name & Signature:		Candidate: Print Name or Candidate #		



Alabama Smoke Diver Interior Structure Fire

Attack an interior structure fire operating as a team member.

Skill Sheet 5

The candidate wearing full protective clothing including SCBA and given an attack line, necessary tools and equipment and operating as a member of a team, shall correctly and safely extinguish an interior structure fire, at **ONE** of the following: grade level, above grade level or below grade level. The attack line shall be 1 ½” or larger.

Expected time to complete skill(s) is 10 minutes

Criteria:	Test		Retest	
INTERIOR STRUCTURE FIRE	P	F	P	F
Deploys appropriate attack line, charges line, sets nozzle pattern, and bleeds air from hose line before entry				
Collects all tools and equipment necessary prior to entry				
Ensures team accountability and hazards have been identified and controlled				
Advances hose into structure properly and in a safe manner				
Identifies, controls and avoids hazards as conditions change (flashover, back draft, structural integrity)				
Uses appropriate method of attack and fire stream for fire conditions encountered (direct, indirect, combination) and extinguishes fire – CRITICAL POINT				
Candidate must successfully perform 5/6 steps including all critical criteria	Score: __/6			
Evaluator Comments				
Evaluator Print Name & Signature:	Date	Overall Skill Sheet Score		
		Pass _____	Fail _____	
Re-Test Evaluator Print Name & Signature:		Overall Skill Sheet Re-Test Score		
		Pass _____	Fail _____	
Candidate Print Name & Signature:		Candidate: Print Name or Candidate #		



Alabama Smoke Diver Declaring a Mayday

The ability to initiate and complete emergency procedures.

Skill Sheet 6

The candidate, wearing personal protective equipment including SCBA, shall demonstrate procedures for declaring a Mayday.

Expected time to complete skill(s) is 30 minute

Criteria:	Test		Retest	
DECLARING A MAYDAY	P	F	P	F
Transmits on radio that he/she is declaring a Mayday (repeats three times) – CRITICAL POINT				
Transmits pertinent information such as LUNAR report (Location, Unit, Name, Assignment, Resources) – CRITICAL POINT				
Waits for acknowledgement of Mayday				
Manually activates PASS device – CRITICAL POINT				
Candidate must successfully perform 3/4 steps including all critical criteria	Score: __/4			
Evaluator Notes				
Evaluator Print Name & Signature:	Date	Overall Skill Sheet Score		
		Pass__	Fail__	
Re-Test Evaluator Print Name & Signature:		Overall Skill Sheet Re-Test Score		
		Pass__	Fail__	
Candidate Print Name & Signature:	Candidate: Print Name or Candidate #			



Alabama Smoke Diver Rapid Escape Procedure

The ability to initiate and complete emergency procedures.

Skill Sheet 7

The candidate, wearing personal protective equipment including SCBA and given a scenario, shall demonstrate procedures for identifying conditions that require a rapid escape from the structure and to implement the steps required to safely exit the building.

Expected time to complete skill(s) is 30 minutes

Criteria:	Test		Retest	
RAPID ESCAPE PROCEDURES	P	F	P	F
Preplans escape routes during search and identifies safe havens				
Identifies the need for rapid evacuation and reports to Command (or sector officer)				
Acknowledges rapid evacuation or escape signals – CRITICAL POINT				
Immediately leaves area and finds closest egress point				
Reports status to command – CRITICAL POINT				
Candidate must successfully perform 4/5 steps including all critical criteria	Score: __/5			
Evaluator Notes				
Evaluator Print Name & Signature:	Date	Overall Skill Sheet Score		
		Pass__	Fail__	
Re-Test Evaluator Print Name & Signature:		Overall Skill Sheet Re-Test Score		
		Pass__	Fail__	
Candidate Print Name & Signature:	Candidate: Print Name or Candidate #			