

# 2011



## *Airport Firefighter Recertification Core Competency Task Book*

Agency: \_\_\_\_\_

TASK BOOK ASSIGNED TO:

INDIVIDUAL'S PRINTED NAME & TITLE



**DO NOT COMPLETE THIS UNLESS YOU ARE RECOMMENDING THE INDIVIDUAL FOR  
RECERTIFICATION**

**VERIFICATION/CERTIFICATION OF COMPLETED  
AIRPORT FIREFIGHTER RECERTIFICATION CORE COMPETENCY TASK BOOK**

**FINAL CANDIDATE'S VERIFICATION**

I verify that all tasks have been performed and are documented with appropriate signatures & dates.

I also verify that I have performed all tasks satisfactorily and should therefore be considered for recertification.

\_\_\_\_\_  
FINAL CANDIDATE'S SIGNATURE & DATE

\_\_\_\_\_  
FINAL CANDIDATE'S PRINTED NAME & TITLE

**VERIFICATION/CERTIFICATION OF COMPLETED  
AIRPORT FIREFIGHTER RECERTIFICATION CORE COMPETENCY TASK BOOK**

**FINAL EVALUATOR'S VERIFICATION**

I verify that all tasks have been performed and are documented with appropriate signatures & dates.

I also verify that \_\_\_\_\_  
has performed satisfactorily and should therefore be considered for recertification.

\_\_\_\_\_  
FINAL EVALUATOR'S SIGNATURE & DATE

\_\_\_\_\_  
FINAL EVALUATOR'S PRINTED NAME & TITLE

**AGENCY CERTIFICATION**

I certify that \_\_\_\_\_ has met all requirements for recertification.

\_\_\_\_\_  
CERTIFYING OFFICIAL'S SIGNATURE & DATE

\_\_\_\_\_  
CERTIFYING OFFICIAL'S PRINTED NAME & TITLE

**Supplying or condoning the submission of false information to this agency may be a violation of  
the criminal code of Georgia (Georgia Law 1968 PP 1249, 1310).**

## FIRE DEPARTMENT POSITION TASK BOOK

This Position Task Book (PTB) has been developed to document the required core competencies for airport firefighter recertification. Each objective lists the performance requirements (tasks) in a format that allows the individual to be evaluated against written guidelines. Successful performance of all tasks, as observed and recorded by a department approved evaluator, will result in a recommendation to the Fire Chief (or designee) of the fire department that the firefighter be recertified in that position.

Evaluation and confirmation of the individual's performance of all tasks may involve more than one evaluator. It is important that performance be critically evaluated and accurately recorded by each evaluator. All tasks must be evaluated before recommending recertification. All statements within a task which require an action must be successfully demonstrated before the task is to be signed off. Several tasks require action by both a lead and backup firefighter. Candidates must successfully complete tasks for both positions. Tasks 9-1, 9-2, 9-3, 10-1, 11-1, 12-1, 12-2, 12-3, 13-1 involve fire control activities for structure and vehicle fires. In rare & specific cases, simulated procedures may be used to meet the requirements of the above objectives. Firefighter Standards & Training strongly recommends that all attempts to meet the performance requirements be exhausted before simulating these crucial objectives.

*The local fire department has the option of either issuing the entire task book to each member seeking recertification as a firefighter, or using the list found on pages five & six of this task book.*

### RESPONSIBILITIES

The Fire Chief or his/her designee may authorize personnel to be an evaluator and to sign the PTB. Individuals **may not** sign off on themselves.

**The Training Chief is normally the designated final evaluator** and he/she will review each completed PTB with the Fire Chief or Designee.

The "Evaluator" **CANNOT teach and coach while he/she is evaluating.**

The **Firefighter** is responsible for:

- Reviewing and understanding instructions in the PTB.
- Identifying desired objectives/goals.
- Satisfactorily demonstrating completion of all tasks within the certification year.
- Assuring the Evaluation Record is complete.
- Notifying his/her "Company Officer/Leader" when the PTB is complete and providing a copy for his/her department records.

The **Evaluator** is responsible for:

- Being qualified and proficient in the position being evaluated.
- Explaining to the firefighter the evaluation procedures that will be utilized.
- Identifying tasks to be performed during the evaluation period.
- Accurately evaluating and recording demonstrated performance of tasks. Satisfactory performance shall be documented by dating and signing after completion of the task.

The **Final Evaluator** is responsible for:

- Signing the verification statement inside the front cover of the PTB when all tasks have been initialed and the firefighter is recommended for recertification.

**2011 AIRPORT FIREFIGHTER CORE COMPETENCIES**

<b>SKILL</b>	<b>TASK</b>	<b>DATE</b>	<b>CANDIDATE'S SIGNATURE</b>	<b>EVALUATOR'S SIGNATURE</b>
1-1	<i>Identify Response Routes</i>			
2-1	<i>Operation &amp; Use of Radio Equipment</i>			
2-2	<i>Calling Another Unit By Radio</i>			
2-3	<i>Obtaining Air Traffic Control Clearance</i>			
6-6	<i>Evacuation from an Intact Damaged Aircraft</i>			
6-8	<i>Evacuation from a Burning Aircraft</i>			
9-1	<i>Dry Chemical Application on Pooled Fuel Fires</i>			
9-2	<i>Hand Line Application on Pooled Fuel Fires</i>			
9-3	<i>Turret Application on Pooled Fuel Fires</i>			
10-1	<i>Extinguish a Three-Dimensional Fuel Fire</i>			
11-1	<i>Extinguish an Aircraft Cabin Fire</i>			
12-1	<i>Extinguish an Aircraft Engine Fire: Propeller</i>			
12-2	<i>Extinguish an Aircraft Engine Fire: Jet</i>			
12-3	<i>Extinguish an Aircraft APU Fire</i>			
13-1	<i>Extinguish an Aircraft Wheel Assembly Fire</i>			





**GEORGIA FIREFIGHTER STANDARDS AND TRAINING  
AIRPORT FIREFIGHTER  
2011 CORE COMPETENCIES**



**IDENTIFY RESPONSE ROUTES**

**Skill Number: 1-1**

**Objectives: 1-11**

**INSTRUCTIONS TO THE MONITOR/EVALUATOR:**

1. The candidate shall be provided with an airport grid map on which to perform this skill.
2. The candidate shall be given the instructions below before beginning the exercise.
3. Check off each step as the candidate completes it.

**INSTRUCTIONS TO THE CANDIDATE**

**The candidate, given a set of grid coordinates, shall identify the location on the airport grid map that corresponds with the grid coordinates and identify the most efficient response routes.**

- ◆ 1. Verbalizes all pre-determined standby points.
- ◆ 2. Identifies fuel storage area.
- ◆ 3. Identifies aircraft parking area.
- 4. Identifies any secondary response areas.
- 5. Identifies any landmarks that may impact response routes.
- 6. Identifies all Non-Licensed Vehicle Roads (NLVR).
- ◆ 7. Identifies all taxiways.
- ◆ 8. Identifies all active runways.

**Candidate must complete **6** steps to Pass.**

**◆ Critical Step - Failure on this step mandates failure on the entire objective!**

\_\_\_\_\_

Candidate's Name

\_\_\_\_\_

Date

\_\_\_\_\_

Evaluator's Name

\_\_\_\_\_

Candidate's Signature

\_\_\_\_\_

Evaluator's Signature



**GEORGIA FIREFIGHTER STANDARDS AND TRAINING  
AIRPORT FIREFIGHTER  
2011 CORE COMPETENCIES**



**OPERATION & USE OF RADIO EQUIPMENT**

**Skill Number: 2-1**

**Objective: 2-2**

**INSTRUCTIONS TO THE MONITOR/EVALUATOR:**

1. The candidate shall be provided with various types of radio equipment used by the department.
2. The candidate shall be given the instructions below before beginning the exercise.
3. Check off each step as the candidate completes it.

**INSTRUCTIONS TO THE CANDIDATE**

**The candidate, given various types of radio equipment, shall demonstrate the operation and use of all mobile, portable, and fixed radios in the department having jurisdiction.**

- ◆** 1. Speaks directly into the microphone with lips not more than one and one-half inches from the microphone.
- ◆** 2. Speaks distinctly, calmly, & clearly.
- 3. Pronounces each word carefully, but conveys messages in natural phrases, not word by word.
- 4. Uses a conversational tone and a moderate speed.
- 5. Speaks only as loudly as you would in ordinary conversation.
- 6. Speaks in a low-pitched voice.

**Candidate must complete **5** steps to Pass.**

**◆ Critical Step - Failure on this step mandates failure on the entire objective!**

\_\_\_\_\_

Candidate's Name

\_\_\_\_\_

Date

\_\_\_\_\_

Evaluator's Name

\_\_\_\_\_

Candidate's Signature

\_\_\_\_\_

Evaluator's Signature



**GEORGIA FIREFIGHTER STANDARDS AND TRAINING  
AIRPORT FIREFIGHTER  
2011 CORE COMPETENCIES**



**CALLING ANOTHER UNIT BY RADIO**

**Skill Number: 2-2**

**Objective: 2-2**

**INSTRUCTIONS TO THE MONITOR/EVALUATOR:**

1. The candidate shall be provided with various types of radio equipment used by the department.
2. The candidate shall be given the instructions below before beginning the exercise.
3. Check off each step as the candidate completes it.

**INSTRUCTIONS TO THE CANDIDATE**

**The candidate, given various types of radio equipment, shall demonstrate a proper procedure for calling another unit on the radio.**

- ◆ 1. Identifies the unit being called.
- ◆ 2. Identifies the unit that is calling.
- 3. Keeps the message brief & to the point.
- ◆ 4. Uses common terminology.
- 5. Repeats numbers and difficult words (and important messages) as necessary.
- 6. Uses phonetic spelling when necessary.

**Candidate must complete **5** steps to Pass.**

**◆ Critical Step - Failure on this step mandates failure on the entire objective!**

\_\_\_\_\_ Candidate's Name

\_\_\_\_\_ Date

\_\_\_\_\_ Evaluator's Name

\_\_\_\_\_ Candidate's Signature

\_\_\_\_\_ Evaluator's Signature



**GEORGIA FIREFIGHTER STANDARDS AND TRAINING  
AIRPORT FIREFIGHTER  
2011 CORE COMPETENCIES**



**OBTAINING AIR TRAFFIC CONTROL CLEARANCE**

**Skill Number: 2-3**

**Objectives: 2-4**

**INSTRUCTIONS TO THE MONITOR/EVALUATOR:**

1. The candidate shall be provided with various types of radio equipment used by the department & light signals used by the airport.
2. The candidate shall be given the instructions below before beginning the exercise.
3. Check off each step as the candidate completes it.

**INSTRUCTIONS TO THE CANDIDATE**

**The candidate, given a radio, shall demonstrate proper radio communication procedures to obtain clearances from the air traffic control tower.**

- ◆ 1. Name of facility being called (i.e. LAX Ground).
- ◆ 2. Vehicle identity (i.e. ARFF 1).
- ◆ 3. Firefighter location.
- ◆ 4. Request for clearance to desired area.

**Candidate must complete **4** steps to Pass.**

**◆ Critical Step - Failure on this step mandates failure on the entire objective!**

\_\_\_\_\_  
Candidate's Name

\_\_\_\_\_  
Date

\_\_\_\_\_  
Evaluator's Name

\_\_\_\_\_  
Candidate's Signature

\_\_\_\_\_  
Evaluator's Signature



**GEORGIA FIREFIGHTER STANDARDS AND TRAINING  
AIRPORT FIREFIGHTER  
2011 CORE COMPETENCIES**



**EVACUATION FROM AN INTACT DAMAGED AIRCRAFT**

**Skill Number: 6-6**

**Objective: 6-10**

**INSTRUCTIONS TO THE MONITOR/EVALUATOR:**

1. The candidate shall be provided with a simulated aircraft.
2. The candidate shall be provided with people to act as passengers.
3. The candidate shall be given the instructions below before beginning the exercise.
4. Check off each step as the candidate completes it.

**INSTRUCTIONS TO THE CANDIDATE**

**The candidate, given a simulated aircraft & people to act as passengers, shall demonstrate the procedures for assisting aircrews and passengers in the evacuation of an intact damaged aircraft.**

- ◆ 1. Wears full PPE.**
- ◆ 2. Positions apparatus as not to impede the evacuation.**
- ◆ 3. Has a charged hoseline manned & ready.**
- ◆ 4. Establishes a safe, secure location for passengers**
- 5. Organizes passengers & crew, then assist &**
- ◆ 6. Gets a head count of passengers & crew.**

**Candidate must complete **5** steps to Pass.**

**◆ Critical Step - Failure on this step mandates failure on the entire objective!**

\_\_\_\_\_  
Candidate's Name

\_\_\_\_\_  
Date

\_\_\_\_\_  
Evaluator's Name

\_\_\_\_\_  
Candidate's Signature

\_\_\_\_\_  
Evaluator's Signature



**GEORGIA FIREFIGHTER STANDARDS AND TRAINING  
AIRPORT FIREFIGHTER  
2011 CORE COMPETENCIES**



**EVACUATION FROM A BURNING AIRCRAFT**

**Skill Number: 6-8**

**Objective: 6-10**

**INSTRUCTIONS TO THE MONITOR/EVALUATOR:**

1. The candidate shall be provided with a simulated aircraft.
2. The candidate shall be provided with people to act as passengers.
3. The candidate shall be given the instructions below before beginning the exercise.
4. Check off each step as the candidate completes it.

**INSTRUCTIONS TO THE CANDIDATE**

**The candidate, given a simulated aircraft & people to act as passengers, shall demonstrate the procedures for assisting aircrews and passengers in the evacuation of a burning aircraft.**

- \_\_\_ 1. Wears appropriate PPE.
- \_\_\_ ◆ 2. Positions apparatus as not to impede evacuation of passengers & crew.
- \_\_\_ ◆ 3. Applies foam from apparatus turrets to ensure paths of egress.
- \_\_\_ 4. Reapplies foam as needed to keep blanket intact.
- \_\_\_ ◆ 5. Establishes a safe, secure location for passengers to assemble.
- \_\_\_ 6. Organizes passengers & crew, then assist & direct them to the safe, secure location.

**Candidate must complete **5** steps to Pass.**

**◆ Critical Step - Failure on this step mandates failure on the entire objective!**

\_\_\_\_\_  
Candidate's Name

\_\_\_\_\_  
Date

\_\_\_\_\_  
Evaluator's Name

\_\_\_\_\_  
Candidate's Signature

\_\_\_\_\_  
Evaluator's Signature



**GEORGIA FIREFIGHTER STANDARDS AND TRAINING  
AIRPORT FIREFIGHTER  
2011 CORE COMPETENCIES**



**DRY CHEMICAL APPLICATION ON POOLED FUEL FIRES**

**Skill Number: 9-1**

**Objectives: 9-10**

**INSTRUCTIONS TO THE MONITOR/EVALUATOR:**

1. The candidate shall be provided with a simulated pooled fuel fire, PPE & a minimum 100-lb. dry chemical extinguisher.
2. The candidate shall be given the instructions below before beginning the exercise.
3. Check off each step as the candidate completes it.

**INSTRUCTIONS TO THE CANDIDATE**

**The candidate, given a simulated pooled fuel fire, PPE & using a minimum 100-lb. dry chemical extinguisher, shall demonstrate the proper extinguishment of a 250-ft.<sup>2</sup> aircraft fuel or pressurized flammable gas fire within 25 seconds.**

- ◆ 1. Wears full PPE.**
- 2. Insures wind is at firefighter's back.**
- ◆ 3. Positions extinguisher within reach of the fire.**
- ◆ 4. Uncoils hose completely & charge the cylinder.**
- 5. Points nozzle away from fire & discharge small amount of agent.**
- ◆ 6. Aims nozzle/horn at the base of the fire, discharge agent & sweep side to side.**
- 7. Completely extinguishes the fire then back away.**

**Candidate must complete **5** steps to Pass.**

**◆ Critical Step - Failure on this step mandates failure on the entire objective!**

\_\_\_\_\_ **Candidate's Name**

\_\_\_\_\_ **Date**

\_\_\_\_\_ **Evaluator's Name**

\_\_\_\_\_ **Candidate's Signature**

\_\_\_\_\_ **Evaluator's Signature**



**GEORGIA FIREFIGHTER STANDARDS AND TRAINING  
AIRPORT FIREFIGHTER  
2011 CORE COMPETENCIES**



**HAND LINE APPLICATION ON POOLED FUEL FIRES**

**Skill Number: 9-2**

**Objectives: 9-11**

**INSTRUCTIONS TO THE MONITOR/EVALUATOR:**

1. The candidate shall be provided a simulated pooled fuel fire, PPE & an ARFF hand line flowing a minimum 95 gpm of ARFF extinguishing agent.
2. The candidate shall be given the instructions below before beginning the exercise.
3. Check off each step as the candidate completes it.

**INSTRUCTIONS TO THE CANDIDATE**

**The candidate, given a simulated pooled fuel fire, PPE & an ARFF vehicle hand line flowing a minimum of 95 gpm of ARFF extinguishing agent, and a fire sized to the AFFF flow divided by 0.13 gpm/square foot, shall demonstrate the proper extinguishment of an aircraft fuel or pressurized flammable gas fire within 90seconds.**

- \_\_\_ ◆ 1. Wears PPE.
- \_\_\_ 2. Stands up-wind and up-hill.
- \_\_\_ ◆ 3. Does not stand in the “flammable liquid.”
- \_\_\_ ◆ 4. Opens nozzle fully.
- \_\_\_ ◆ 5. Directs the foam stream away from the fire/spill until the proper foam stream is being generated.
- \_\_\_ ◆ 6. Directs the foam stream on the ground near the front edge of the burning liquid pool.

**OR**

- \_\_\_ ◆ 6. Directs the foam stream off an object, allowing the foam to run down onto the surface of the fuel

**OR**

- \_\_\_ ◆ 6. Directs the foam stream into the air above the fire or spill and allows the foam to float gently down onto the surface of the fuel.
- \_\_\_ 7. Continues to apply foam until it spreads across the entire surface of the fuel and the fire is extinguished.  
*(May move the stream to different positions along the edge of a liquid spill to cover the entire pool)*

**Candidate must complete **5** steps to Pass.**

**◆ Critical Step - Failure on this step mandates failure on the entire objective!**

\_\_\_\_\_  
Candidate's Name

\_\_\_\_\_  
Date

\_\_\_\_\_  
Evaluator's Name

\_\_\_\_\_  
Candidate's Signature

\_\_\_\_\_  
Evaluator's Signature



**GEORGIA FIREFIGHTER STANDARDS AND TRAINING  
AIRPORT FIREFIGHTER  
2011 CORE COMPETENCIES**



**TURRET APPLICATION ON POOLED FUEL FIRES**

**Skill Number: 9-3**

**Objective: 9-12**

**INSTRUCTIONS TO THE MONITOR/EVALUATOR:**

1. The candidate shall provide with a simulated pooled fuel fire, PPE & an ARFF vehicle turret flowing an ARFF extinguishing agent.
2. The candidate shall be given the instructions below before beginning the exercise.
3. Check off each step as the candidate completes it.

**INSTRUCTIONS TO THE CANDIDATE**

**The candidate, given a simulated pooled fuel fire, PPE & an ARFF vehicle turret, and a fire sized to the AFFF flow divided by 0.13 gpm/square foot, shall demonstrate the proper extinguishment of an aircraft fuel or pressurized flammable gas within 90 seconds.**

- \_\_\_ ◆ 1. Positions apparatus upwind & uphill, if possible, within stream reach of the fire.
- \_\_\_ ◆ 2. Directs turret at base of fire.
- \_\_\_ 3. Selects proper stream pattern.
- \_\_\_ 4. Discharges agent & correctly sweep from side to side, taking care not to overrun the fire.
- \_\_\_ ◆ 5. Completely extinguishes fire.
- \_\_\_ 6. Backs away once the operation is concluded.

**Candidate must complete **5** steps to Pass.**

**◆ Critical Step - Failure on this step mandates failure on the entire objective!**

\_\_\_\_\_  
Candidate's Name

\_\_\_\_\_  
Date

\_\_\_\_\_  
Evaluator's Name

\_\_\_\_\_  
Candidate's Signature

\_\_\_\_\_  
Evaluator's Signature



**GEORGIA FIREFIGHTER STANDARDS AND TRAINING  
AIRPORT FIREFIGHTER  
2011 CORE COMPETENCIES**



**EXTINGUISH A THREE-DIMENSIONAL FUEL FIRE**

**Skill Number: 10-1**

**Objective: 10-4**

**INSTRUCTIONS TO THE MONITOR/EVALUATOR:**

1. The candidate shall be provided with a simulated three-dimensional fuel fire.
2. The candidate shall be given the instructions below before beginning the exercise.
3. Check off each step as the candidate completes it.

**INSTRUCTIONS TO THE CANDIDATE**

**The candidate(s), given a simulated three-dimensional fuel fire, appropriate equipment & extinguishing agents, shall demonstrate proper techniques & procedures for extinguishing a three-dimensional aircraft fuel fire.**

- \_\_\_ ◆ 1. Wears full PPE.
- \_\_\_ 2. Stays upwind & uphill, if possible.
- \_\_\_ ◆ 3. Applies foam to fire on the ground first.
- \_\_\_ ◆ 4. Uses dry chemical to knock down the three-dimensional fire.
- \_\_\_ ◆ 5. Once dry chemicals have accomplished knockdown, applies foam to suppress vapors & cool the surrounding area.
- \_\_\_ 6. Once the fire is extinguished & foam blanket applied, backs away to a safe area.

**Candidate must complete **5** steps to Pass.**

**◆ Critical Step - Failure on this step mandates failure on the entire objective!**

\_\_\_\_\_  
Candidate's Name

\_\_\_\_\_  
Date

\_\_\_\_\_  
Evaluator's Name

\_\_\_\_\_  
Candidate's Signature

\_\_\_\_\_  
Evaluator's Signature



**GEORGIA FIREFIGHTER STANDARDS AND TRAINING  
AIRPORT FIREFIGHTER  
2011 CORE COMPETENCIES**



**EXTINGUISH AN AIRCRAFT CABIN FIRE**

**Skill Number: 11-1**

**Objectives: 11-7**

**INSTRUCTIONS TO THE MONITOR/EVALUATOR:**

1. The candidate shall be provided with a simulated aircraft & attack lines.
2. The candidate shall be given the instructions below before beginning the exercise.
3. Check off each step as the candidate completes it.

**INSTRUCTIONS TO THE CANDIDATE**

**The candidate, given a simulated aircraft interior & hand lines, shall demonstrate extinguishment of an aircraft cabin fire using appropriate techniques, equipment, & extinguishing agents.**

- \_\_\_ ◆ 1. Wears full PPE.
- \_\_\_ 2. Attempts to locate & determine the extent of fire involvement before entry is attempted.
- \_\_\_ 3. Pulls attack lines from the apparatus and advances to the fire department's entry point working as a team.
- \_\_\_ 4. Coordinates attack with proper ventilation.
- \_\_\_ 5. Once ventilation is started, entry should be gained & an immediate search of the interior initiated & fire attack begun from the unburned side.
- \_\_\_ ◆ 6. Uses combination attack with a straight stream pattern.
- \_\_\_ ◆ 7. Once inside, stays low & advance down the aisles.
- \_\_\_ 8. Does not impede egress of passengers & crew in an attempt to enter the fuselage.
- \_\_\_ 9. Uses fire service ladders &/or portable aircraft steps to gain access.
- \_\_\_ 10. On wide-bodied aircraft, it may be best for ARFF personnel to leave the regular exits for use by occupants & use the over-wing exits to gain access, allowing entry at approximately the mid-point of the aircraft.

**Candidate must complete **7** steps to Pass.**

**◆ Critical Step - Failure on this step mandates failure on the entire objective!**

\_\_\_\_\_  
Candidate's Name

\_\_\_\_\_  
Date

\_\_\_\_\_  
Evaluator's Name

\_\_\_\_\_  
Candidate's Signature

\_\_\_\_\_  
Evaluator's Signature



**GEORGIA FIREFIGHTER STANDARDS AND TRAINING  
AIRPORT FIREFIGHTER  
2011 CORE COMPETENCIES**



**EXTINGUISH AN AIRCRAFT ENGINE FIRE: PROPELLER**

**Skill Number: 12-1**

**Objective: 12-6**

**INSTRUCTIONS TO THE MONITOR/EVALUATOR:**

1. The candidate shall be provided with a simulated aircraft engine & appropriate extinguishing agents.
2. The candidate shall be given the instructions below before beginning the exercise.
3. Check off each step as the candidate completes it.

**INSTRUCTIONS TO THE CANDIDATE**

**The candidate, given a simulated aircraft engine & appropriate equipment, shall demonstrate extinguishment of a propeller-driven aircraft engine fire using appropriate techniques, equipment, & extinguishing agents.**

- ◆** 1. Wears full PPE.
- 2. Shuts down the engine, if possible, by pulling T-handles.
- ◆** 3. Approaches propeller-driven aircraft from the rear, if possible.
- 4. Is aware of rotating propellers.
- ◆** 5. Remains at least 15 feet from propellers.
- 6. Does not move propellers under any circumstances, even those that are stopped.
- 7. Uses hand lines for small to medium engine fires.
- 8. Uses portable extinguishers for small engine fires.

**Candidate must complete **6** steps to Pass.**

**◆ Critical Step - Failure on this step mandates failure on the entire objective!**

\_\_\_\_\_  
Candidate's Name

\_\_\_\_\_  
Date

\_\_\_\_\_  
Evaluator's Name

\_\_\_\_\_  
Candidate's Signature

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Evaluator's Signature



**GEORGIA FIREFIGHTER STANDARDS AND TRAINING  
AIRPORT FIREFIGHTER  
2011 CORE COMPETENCIES**



**EXTINGUISH AN AIRCRAFT ENGINE FIRE: JET**

**Skill Number: 12-2**

**Objectives: 12-6**

**INSTRUCTIONS TO THE MONITOR/EVALUATOR:**

1. The candidate shall be provided with a simulated aircraft engine & appropriate extinguishing agents.
2. The candidate shall be given the instructions below before beginning the exercise.
3. Check off each step as the candidate completes it.

**INSTRUCTIONS TO THE CANDIDATE**

**The candidate, given a simulated aircraft engine & appropriate equipment, shall demonstrate extinguishment of a jet aircraft engine fire using appropriate techniques, equipment, & extinguishing agents.**

- \_\_\_ ◆ 1. Wears full PPE.
- \_\_\_ ◆ 2. Tries to communicate with the air crew.
- \_\_\_ 3. Shuts down the engine, if possible, by pulling T-handles.
- \_\_\_ ◆ 4. Avoids exhaust areas of jet aircraft.
- \_\_\_ ◆ 5. Does not approach large jet engines within 30 feet of the front or sides when they are operating.
- \_\_\_ 6. Asks if jet engines are shut down.
- \_\_\_ 7. Uses hand lines for small to medium engine fires.
- \_\_\_ 8. Uses portable extinguishers for small engine fires.

**Candidate must complete **6** steps to Pass.**

**◆ Critical Step - Failure on this step mandates failure on the entire objective!**

\_\_\_\_\_  
Candidate's Name

\_\_\_\_\_  
Date

\_\_\_\_\_  
Evaluator's Name

\_\_\_\_\_  
Candidate's Signature

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Evaluator's Signature



**GEORGIA FIREFIGHTER STANDARDS AND TRAINING  
AIRPORT FIREFIGHTER  
2011 CORE COMPETENCIES**



**EXTINGUISH AN AIRCRAFT APU FIRE**

**Skill Number: 12-3**

**Objectives: 12-6**

**INSTRUCTIONS TO THE MONITOR/EVALUATOR:**

1. The candidate shall be provided with a simulated aircraft APU & appropriate extinguishing agents.
2. The candidate shall be given the instructions below before beginning the exercise.
3. Check off each step as the candidate completes it.

**INSTRUCTIONS TO THE CANDIDATE**

**The candidate, given a simulated APU & appropriate equipment, shall demonstrate extinguishment of an aircraft APU fire using appropriate techniques, equipment, & extinguishing agents.**

- \_\_\_ ◆ 1. Wears full PPE.
- \_\_\_ ◆ 2. Turns off APU at exterior control panel.
- \_\_\_ 3. On fighter & attack aircraft, turns off APU on cockpit control panel.
- \_\_\_ 4. If access panels cannot be removed, applies agent to the intake or designed extinguishment point.
- \_\_\_ 5. After extinguishment, removes the access panel (remember possible fuel inside the access panel), then overhaul & check for extension.

**Candidate must complete **4** steps to Pass.**

**◆ Critical Step - Failure on this step mandates failure on the entire objective!**

\_\_\_\_\_  
Candidate's Name

\_\_\_\_\_  
Date

\_\_\_\_\_  
Evaluator's Name

\_\_\_\_\_  
Candidate's Signature

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Evaluator's Signature



**GEORGIA FIREFIGHTER STANDARDS AND TRAINING  
AIRPORT FIREFIGHTER  
2011 CORE COMPETENCIES**



**EXTINGUISH AN AIRCRAFT WHEEL ASSEMBLY FIRE**

**Skill Number: 13-1**

**Objectives: 13-4**

**INSTRUCTIONS TO THE MONITOR/EVALUATOR:**

1. The candidate shall be provided with a simulated aircraft wheel assembly & appropriate extinguishing agents.
2. The candidate shall be given the instructions below before beginning the exercise.
3. Check off each step as the candidate completes it.

**INSTRUCTIONS TO THE CANDIDATE**

**The candidates, given a simulated aircraft wheel assembly fire & appropriate equipment, shall demonstrate extinguishment of an aircraft wheel assembly fire using appropriate techniques, equipment, & extinguishing agents.**

- \_\_\_ ◆ 1. Wears full PPE.
- \_\_\_ ◆ 2. Approaches with extreme caution from the fore or aft direction, never from the side.
- \_\_\_ ◆ 3. Chooses the proper extinguishing agent for the material that is burning:
  - a. Dry chemical for tires & landing gear systems that contain petroleum-based fluids.
  - b. Dry powder for metal wheel assemblies.
  - c. Uses water, in short bursts, only if fusible plugs have deflated all tires or if dry chemical agents are not available.
  - d. Water in heavy, course streams may be used if fire greatly intensifies.
  - e. Do not use CO<sub>2</sub>
- \_\_\_ 4. Applies agents from an upwind position if possible.
- \_\_\_ 5. Applies so the agent will blanket the fire.
- \_\_\_ 6. Is aggressive in attacking & extinguishing the fire.
- \_\_\_ ◆ 7. Monitors for reignition & reapplies as necessary.

**Candidate must complete **5** steps to Pass.**

**◆ Critical Step - Failure on this step mandates failure on the entire objective!**

\_\_\_\_\_  
Candidate's Name

\_\_\_\_\_  
Date

\_\_\_\_\_  
Evaluator's Name

\_\_\_\_\_  
Candidate's Signature

\_\_\_\_\_  
Evaluator's Signature