



**NWCG Task Book for the Positions of:**  
**AIRCRAFT BASE RADIO OPERATOR**  
**(ABRO)**

**PMS 311-87**

**OCTOBER 2017**

**Task Book Assigned To:**

Trainee's Name: \_\_\_\_\_

Home Unit/Agency: \_\_\_\_\_

Home Unit Phone Number: \_\_\_\_\_

**Task Book Initiated By:**

Official's Name: \_\_\_\_\_

Home Unit Title: \_\_\_\_\_

Home Unit/Agency: \_\_\_\_\_

Home Unit Phone Number: \_\_\_\_\_

Home Unit Address: \_\_\_\_\_

Date Initiated: \_\_\_\_\_

**The material contained in this book accurately defines the performance expected of the position for which it was developed. This task book is approved for use as a position qualification document in accordance with the instructions contained herein.**

**Verification/Certification of Completed Task Book  
for the Position of:**

**Aircraft Base Radio Operator**

**Final Evaluator's Verification**

*To be completed **ONLY** when you are recommending the trainee for certification.*

I verify that (trainee name) \_\_\_\_\_ has successfully performed as a trainee by demonstrating all tasks for the position listed above and should be considered for certification in this position. All tasks are documented with appropriate initials.

Final Evaluator's Signature: \_\_\_\_\_

Final Evaluator's Printed Name: \_\_\_\_\_

Home Unit Title: \_\_\_\_\_

Home Unit/Agency: \_\_\_\_\_

Home Unit Phone Number: \_\_\_\_\_ Date: \_\_\_\_\_

**Agency Certification**

I certify that (trainee name) \_\_\_\_\_ has met all requirements for qualification in the above position and that such qualification has been issued.

Certifying Official's Signature: \_\_\_\_\_

Certifying Official's Printed Name: \_\_\_\_\_

Title: \_\_\_\_\_

Home Unit/Agency: \_\_\_\_\_

Home Unit Phone Number: \_\_\_\_\_ Date: \_\_\_\_\_

## **NATIONAL WILDFIRE COORDINATING GROUP (NWCG) POSITION TASK BOOK**

NWCG Position Task Books (PTBs) have been developed for designated National Interagency Incident Management System (NIIMS) positions. Each PTB lists the competencies, behaviors and tasks required for successful performance in specific positions. Trainees must be observed completing all tasks and show knowledge and competency in their performance during the completion of this PTB.

Trainees are evaluated during this process by qualified evaluators, and the trainee's performance is documented in the PTB for each task by the evaluator's initials and date of completion. An Evaluation Record will be completed by all evaluators documenting the trainee's progress after each evaluation opportunity.

Successful performance of all tasks, as observed and recorded by an evaluator, will result in a recommendation to the agency that the trainee be certified in that position. Evaluation and confirmation of the trainee's performance while completing all tasks may occur on one or more training assignments and may involve more than one evaluator during any opportunity.

### **INCIDENT/EVENT CODING**

Each task has a code associated with the type of training assignment where the task may be completed. The codes are: O = other, I = incident, W = wildfire, RX = prescribed fire, W/RX = wildfire OR prescribed fire and R = rare event. The codes are defined as:

- O = Task can be completed in any situation (classroom, simulation, daily job, incident, prescribed fire, etc.).
- I = Task must be performed on an incident managed under the Incident Command System (ICS). Examples include wildland fire, structural fire, oil spill, search and rescue, hazardous material, and an emergency or non-emergency (planned or unplanned) event.
- W = Task must be performed on a wildfire incident.
- RX = Task must be performed on a prescribed fire incident.
- W/RX = Task must be performed on a wildfire OR prescribed fire incident.
- R = Rare events such as accidents, injuries, vehicle or aircraft crashes occur infrequently and opportunities to evaluate performance in a real setting are limited. The evaluator should determine, through interview, if the trainee would be able to perform the task in a real situation.

While tasks can be performed in any situation, they must be evaluated on the specific type of incident/event for which they are coded. For example, tasks coded W must be evaluated on a wildfire; tasks coded RX must be evaluated on prescribed fire and so on. Performance of any task on other than the designated assignment is not valid for qualification.

Tasks within the PTB are numbered sequentially; however, the numbering does NOT indicate the order in which the tasks need to be performed or evaluated.

The bullets under each numbered task are examples or indicators of items or actions related to the task. The purpose of the bullets is to assist the evaluator in evaluating the trainee; the bullets are not all-inclusive. Evaluate and initial ONLY the numbered tasks. DO NOT evaluate and initial each individual bullet.

A more detailed description of this process and definitions of terms are included in the *NIMS Wildland Fire Qualification System Guide*, PMS 310-1. This document can be found at <https://www.nwcg.gov/publications/310-1>.

## **RESPONSIBILITIES**

The responsibilities of the Home Unit/Agency, Trainee, Coach, Training Specialist, Evaluator, Final Evaluator and Certifying Official are identified in the *Wildland Fire Qualification System Guide*, PMS 310-1. It is incumbent upon each of these individuals to ensure their responsibilities are met.

## **INSTRUCTIONS FOR THE POSITION TASK BOOK EVALUATION RECORD**

### **Evaluation Record #**

Each evaluator will need to complete an evaluation record. Each evaluation record should be numbered sequentially. Place this number at the top of the evaluation record page and also use it in the column labeled “Evaluation Record #” for each numbered task the trainee has satisfactorily performed.

### **Trainee Information**

Print the trainee’s name, position on the incident/event, home unit/agency, and the home unit/agency address and phone number.

### **Evaluator Information**

Print the Evaluator’s name, position on the incident/event, home unit/agency, and the home unit/agency address and phone number.

### **Incident/Event Information**

**Incident/Event Name:** Print the incident/event name.

**Reference:** Enter the incident code and/or fire code.

**Duration:** Enter inclusive dates during which the trainee was evaluated.

**Incident Kind:** Enter the kind of incident (wildfire, prescribed fire, search and rescue, flood, hurricane, etc.).

**Location:** Enter the geographic area, agency, and state.

**Management Type or Prescribed Fire Complexity Level:** Circle the ICS organization level (Type 5, Type 4, Type 3, Type 2, Type 1, Area Command) or the prescribed fire complexity level (Low, Moderate, High).

**Fire Behavior Prediction System (FBPS) Fuel Model Group:** Circle the Fuel Model Group letter that corresponds to the predominant fuel type in which the incident/event occurred.

**G = Grass Group** (includes FBPS Fuel Models 1 – 3):

1 = short grass (1 foot); 2 = timber with grass understory; 3 = tall grass (1½ - 2 feet)

**B = Brush Group** (includes FBPS Fuel Models 4 – 6):

4 = Chaparral (6 feet); 5 = Brush (2 feet); 6 = dormant brush/hardwood slash;

7 = Southern rough

**T = Timber Group** (includes FBPS Fuel Models 8 – 10)

8 = closed timber litter; 9 = hardwood litter; 10 = timber (with litter understory)

**S = Slash Group** (includes FBPS Fuel Models 11 – 13)

11 = light logging slash; 12 = medium logging slash; 13 = heavy logging slash

### **Evaluator's Recommendation**

For 1 – 4, initial only one line as appropriate; this will allow for comparison with your initials in the Qualifications Record.

Record additional remarks/recommendations on an Individual Performance Evaluation, or by attaching an additional sheet to the evaluation record.

### **Comments**

Additional information specific to the evaluator's recommendation. The evaluator should note any deficiencies, additional assignment needs, or additional focus areas that were identified.

### **Evaluator's Signature**

Sign here to authenticate your recommendations.

### **Date**

Document the date the Evaluation Record is being completed.

### **Evaluator's Relevant Qualification (or agency certification)**

List your qualification or certification relevant to the trainee position you supervised.

**Note:** Evaluators must be either qualified in the position being evaluated or supervise the trainee; Final Evaluators must be qualified in the trainee position they are evaluating.

## ABRO Tasks

### Competency: Assume position responsibilities.

*Description: Successfully assume role of Aircraft Base Radio Operator and initiate position activities at the appropriate time according to the following behaviors.*

TASK	C O D E	EVAL. RECORD #	EVALUATOR: Initial & date upon completion of task
<b>Behavior: Ensure readiness for assignment.</b>			
1. Obtain assignment information or resource order from dispatch.	O		
2. Arrive at incident and check in with appropriate personnel.	I		
<b>Behavior: Gather, update, and apply situational information relevant to the assignment.</b>			
3. Obtain initial briefing from assignment supervisor.	I		
<b>Behavior: Understand and comply with ICS concepts and principles.</b>			
4. Follow and apply proper chain of command according to the Incident Command System (ICS).	O		

*Evaluate the numbered tasks ONLY. DO NOT evaluate bullets; they are provided as examples/additional clarification.*

## Aircraft Base Radio Operator (ABRO)

### Competency: Communicate effectively.

*Description: Use suitable communication techniques to share relevant information with appropriate personnel on a timely basis to accomplish objectives in a rapidly changing, high-risk environment.*

TASK	C O D E	EVAL. RECORD #	EVALUATOR: Initial & date upon completion of task
<b>Behavior: Ensure relevant information is exchanged during briefings and debriefings.</b>			
5. Participate in daily briefing, After Action Review (AAR), or functional area briefing.	I		
<b>Behavior: Ensure documentation is complete and disposition is appropriate.</b>			
6. Maintain necessary forms/logs appropriate to assignment complexity, including but not limited to mission request logs, radio logs, and aircraft timekeeping forms.	I		
7. Acquire and post necessary materials and documents in the work area for reference, examples include but are not limited to the ICS 205, Incident Radio Communications Plan, Frequency List, helispot and dipsite locations, Mishap Response Plan, and medivac information.	I		
<b>Behavior: Communicate and ensure understanding of work expectations within the chain of command and across functional areas.</b>			
8. Communicate using ICS terminology and clear text.	O		
9. Maintain communication with appropriate incident functions including but not limited to dispatch, logistics, helispots, or incident aircraft.	I		

*Evaluate the numbered tasks ONLY. DO NOT evaluate bullets; they are provided as examples/additional clarification.*

## Aircraft Base Radio Operator (ABRO)

### Competency: Ensure completion of assigned actions to meet identified objectives.

*Description: Identify, analyze, and apply relevant situational information and evaluate actions to complete assignments safely and meet identified objectives. Complete actions within established timeframe.*

TASK	C O D E	EVAL. RECORD #	EVALUATOR: Initial & date upon completion of task
<b>Behavior: Take appropriate action based on assessed risks.</b>			
10. Demonstrate knowledge of the Risk Management Process as found in the Incident Response Pocket Guide (IRPG).	O		
<b>Behavior: Follow established procedures and/or safety procedures relevant to given assignment.</b>			
11. Review the crash-rescue and medical plans and procedures and complete a scenario-based exercise.	O		
12. Review the Mishap Response Guide or local emergency response plan and complete a scenario-based exercise for overdue, missing aircraft, or other aviation mishaps.	O		
13. Flight follow aircraft using the identified procedures and maintain a log of aircraft takeoffs, landings, Estimated Time of Arrival (ETA), Estimated Time of Departure (ETD), and flight route check-in's.	I		
14. Demonstrate the ability to use current flight following software.	O		
15. Coordinate aircraft departures from base with appropriate aerial supervision or dispatch.	I		
16. Demonstrate knowledge of the SAFECOM process.	O		
<b>Behavior: Coordinate and manage the use of multiple frequencies.</b>			
17. Verify radio frequencies daily with your supervisor and notify them if additional frequencies are needed.	I		

*Evaluate the numbered tasks ONLY. DO NOT evaluate bullets; they are provided as examples/additional clarification.*



## Aircraft Base Radio Operator (ABRO)

TASK	C O D E	EVAL. RECORD #	EVALUATOR: Initial & date upon completion of task
18. Demonstrate the ability to operate multiple radios (AM, FM, VHF) simultaneously.	I		

**Behavior: Ensure functionality of equipment.**

19. Check functionality of assigned radios prior to daily operations.	I		
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**Behavior: Plan for demobilization and ensure demobilization procedures are followed.**

20. Check out with incident or dispatch to demobilize.	I		
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*Evaluate the numbered tasks ONLY. DO NOT evaluate bullets; they are provided as examples/additional clarification.*

## Aircraft Base Radio Operator (ABRO)

### Competency: Communicate effectively.

*Description: Use suitable communication techniques to share relevant information with appropriate personnel on a timely basis to accomplish objectives in a rapidly changing, high-risk environment.*

TASK	C O D E	EVAL. RECORD #	EVALUATOR: Initial & date upon completion of task
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**Behavior: Gather, produce, and distribute information as required by established guidelines and ensure understanding by recipient.**

21. Provide advisory information such as wind direction/speed, other aircraft, deck activity, pad location, frequencies, and hazards to incoming and outgoing aircraft.	I		
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**Behavior: Communicate and ensure understanding of work expectations within the chain of command and across functional areas.**

22. Communicate with the Deck Coordinator, Ramp Manager, or Parking Tenders, as appropriate.	I		
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*Evaluate the numbered tasks ONLY. DO NOT evaluate bullets; they are provided as examples/additional clarification.*

**Trainee Information**

Printed Name:  
 Trainee Position on Incident/Event:  
 Home Unit/Agency:  
 Home Unit /Agency Address and Phone Number:

**Evaluator Information**

Printed Name:  
 Evaluator Position on Incident/Event:  
 Home Unit/Agency:  
 Home Unit /Agency Address and Phone Number:

**Incident/Event Information**

Incident/Event Name: \_\_\_\_\_ Reference (Incident Number/Fire Code): \_\_\_\_\_  
 Duration: \_\_\_\_\_  
 Incident Kind: Wildfire, Prescribed Fire, All Hazard, Other (specify): \_\_\_\_\_  
 Location (include Geographic Area, Agency, and State): \_\_\_\_\_  
 Management Type (circle one): Type 5, Type 4, Type 3, Type 2, Type 1, Area Command  
OR Prescribed Fire Complexity Level (circle one): Low, Moderate, High  
 FBPS Fuel Model Letter: G = Grass, B = Brush, T = Timber, S = Slash

**Evaluator's Recommendation**

(Initial only one line as appropriate)

- \_\_\_\_\_ 1) The tasks initialed and dated by me on the Qualification Record have been performed under my supervision in a satisfactory manner. The trainee has successfully performed all tasks in the PTB for the position. I have completed the Final Evaluator's Verification section and recommend the trainee be considered for agency certification.
- \_\_\_\_\_ 2) The tasks initialed and dated by me on the Qualification Record have been performed under my supervision in a satisfactory manner. However, opportunities were not available for all tasks (or all uncompleted tasks) to be performed and evaluated on this assignment. An additional assignment is needed to complete the evaluation.
- \_\_\_\_\_ 3) The trainee did not complete certain tasks in the PTB in a satisfactory manner and additional training, guidance, or experience is recommended.
- \_\_\_\_\_ 4) The individual is severely deficient in the performance of tasks in the PTB for the position and additional training, guidance, or experience is recommended prior to another training assignment.

Record additional remarks/recommendations on an Individual Performance Evaluation, or by attaching an additional sheet to the evaluation record.

Evaluator's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Evaluator's Relevant Qualification (or agency certification): \_\_\_\_\_

**Trainee Information**

Printed Name:

Trainee Position on Incident/Event:

Home Unit/Agency:

Home Unit /Agency Address and Phone Number:

**Evaluator Information**

Printed Name:

Evaluator Position on Incident/Event:

Home Unit/Agency:

Home Unit /Agency Address and Phone Number:

**Incident/Event Information**

Incident/Event Name:

Reference (Incident Number/Fire Code):

Duration:

Incident Kind: Wildfire, Prescribed Fire, All Hazard, Other (specify):

Location (include Geographic Area, Agency, and State):

Management Type (circle one): Type 5, Type 4, Type 3, Type 2, Type 1, Area Command

OR Prescribed Fire Complexity Level (circle one): Low, Moderate, High

FBPS Fuel Model Letter: G = Grass, B = Brush, T = Timber, S = Slash

**Evaluator's Recommendation**

(Initial only one line as appropriate)

- \_\_\_\_\_ **1)** The tasks initialed and dated by me on the Qualification Record have been performed under my supervision in a satisfactory manner. The trainee has successfully performed all tasks in the PTB for the position. I have completed the Final Evaluator's Verification section and recommend the trainee be considered for agency certification.
- \_\_\_\_\_ **2)** The tasks initialed and dated by me on the Qualification Record have been performed under my supervision in a satisfactory manner. However, opportunities were not available for all tasks (or all uncompleted tasks) to be performed and evaluated on this assignment. An additional assignment is needed to complete the evaluation.
- \_\_\_\_\_ **3)** The trainee did not complete certain tasks in the PTB in a satisfactory manner and additional training, guidance, or experience is recommended.
- \_\_\_\_\_ **4)** The individual is severely deficient in the performance of tasks in the PTB for the position and additional training, guidance, or experience is recommended prior to another training assignment.

Record additional remarks/recommendations on an Individual Performance Evaluation, or by attaching an additional sheet to the evaluation record.

Evaluator's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Evaluator's Relevant Qualification (or agency certification): \_\_\_\_\_

Additional Evaluation Record Sheets can be downloaded at <https://www.nwcg.gov/publications/position-taskbooks>