

# T1 Evaluation Guide

The evaluator will:

1. Have each student complete the full evaluation
2. Allow any student to watch the evaluation of another
3. Prompt a student who fails to demonstrate an action correctly, but only a few times during the evaluation of each radio.
4. Use the form provided to record this evaluation.

Required equipment:

EF Johnson 5317 radio with power supply.  
EF Johnson 5112 radio with charger and charged battery.

EF Johnson 5317 radio evaluation

Begin with the radio off, set to Zone 1 channel 1, Microphone disconnected.  
During the evaluation the student is not to transmit.

Have the student check the AC power cord and antenna cable (if available) or have the student describe the checks that need to be made before operating the radio.

Direct the student to demonstrate the following:

- ✓ Turn the radio on
- ✓ Adjust the volume
- ✓ Change channel. Have the student set the radio to at least two different zone and channel combinations. They should clearly understand pressing and rotating the select control.
- ✓ Adjust Hi/Low power
- ✓ Turn scan on and off
- ✓ Set squelch to "Squelch select"

If the demonstration radio is a version 1 radio:

The instructor will demonstrate how to proceed if the user accidentally presses "Scan ED" by pressing this button a second time to return to normal function.  
The instructor will demonstrate the use of the two last option buttons which are programmed according to the Wing standard, and are not national standard.

If the demonstration radio is a version 4 radio:

The instructor will demonstrate how to proceed if the user accidentally presses "Scan ED", "C/S" or "KY SEL" by pressing these buttons a second time to return to normal function.

Have the student:

- ✓ Turn off the radio
- ✓ Connect the microphone
- ✓ Demonstrate the proper way to hold the microphone 2 to 3 inches from the mouth.

## OP2 Evaluation Guide

The evaluator will:

1. Prepare two informal tactical radio messages in advance (such as an Ops check request, ground team movement, or any other typical mission traffic). Messages should be short to medium length with at least two words the student will spell phonetically and two number groups with at least three numbers in each group per message (CAPR 100-3 Chapter 2).
2. Have each student complete the full evaluation
3. Allow any student to watch the evaluation of another.
4. Use appropriate tactical call signs assigned to your unit.
5. Have student send message #1. Copy the message as sent, and then go over the student's performance, correcting any mispronunciations or procedural errors. If there are more than five errors, then have the student send the second message that you have prepared.
6. Ask the following verbal questions:
  - ✓ Query the student on who the message reply will go to, ensuring the student understands the importance of delivering a message to the addressee.
  - ✓ Ask the student when MAYDAY, SECURITE, and PAN-PAN are used (CAPR 100-3, Para 1-6).
  - ✓ See if they can give you at least two of the ten prohibited practices (CAPR100-3, Para 2-11).
  - ✓ Have the student define tactical call signs, functional designators, and when each are used (CAPR100-1, Para7-15 and CAPR 100-3, Para 1-9).
  - ✓ Have the student define "Directed Net" and "Free Net." (CAPR 100-3, para. 1-10)
7. Coach a student who fails to demonstrate an action correctly, but only a few times during the evaluation on each radio. If student fails an action too many times or can't perform too many tasks in the evaluation, then the student needs to go back through the portions of the training that were performed less than satisfactorily.
8. Use the form provided to record this evaluation.

Required equipment:

Any CAP radio, including EF Johnson 5317 radios installed for base or mobile operation, EF Johnson 5112 radios, or ISR radios. This evaluation should ordinarily not be done using HF equipment, but special circumstances may warrant use of a Micom 2 or 3.