

ADDENDUM

PROCEDURAL MANUAL FOR THE URMMA JOB TASK SIMULATION TESTS

Background

Three job task simulation test (JTST) scenarios were defined in the URMMA study that contained most of the frequent and critical tasks that emerged from the job task analysis. 198 incumbent officers from the URMMA agencies took the three JTST scenarios and the physical fitness tests. Specificity and sensitivity analyses were applied to their test data that viewed the predictability of each fitness score against performance on the three JTST scenarios. The first and second scenarios (a roadway clearance and extraction scenario) did not yield any predictive cut points that significantly predicted who could and could not perform the tasks at a minimally effective level. Only the third scenario (pursuit and arrest) provided significant predictability. Because of this, if the JTST scenarios were to be used as the physical readiness tests instead of the physical fitness tests only the third JTST scenario should be used.

This Procedural Manual provides the specific guidelines for setting up and administering the URMMA JTST.

JOB TASK SIMULATION SCENARIO

General instructions

“The job-task simulation test was developed based on input from a randomly selected sample of 289 Officers of URMMA Departments. They rated tasks for frequency and criticality, and provided quantifying data. The results indicated that the physical tasks and demands were very similar across all positions. This test measures the ability to perform those physical tasks of the job that officers rated as essential and important.”

PURSUIT AND ARREST SCENARIO

“The participant is charged with pursuing and restraining a fleeing perpetrator. The various obstacles are simulations of barriers that officers may encounter during a pursuit situation.” The total course is 1500 feet (500 yards).

“ At the command GO you will run 30 yards (90 feet) to a fence. Climb over the 6 foot fence and run 20 yards (60 feet) to stairs. Run up and down 12 steps three times. Run 30 yards (90 feet) to track. Run 340 yards (1020 feet) on track to a traffic cone. Turn and run 10 feet and jump a ditch 4 feet apart (marked by 4 traffic cones). Run 60 feet. Then serpentine around 10 cones spaced 10 feet apart (total distance 100 feet). Turn and run 10 feet. Jump over a 4 ft. sawhorse or hurdle, then run 60 feet to 190 lbs. dummy.

The dummy is on its back. Roll dummy onto stomach and while down on one knee pull resistance tubing with each arm to midline of the dummy (tubing held by two test administrators each side of dummy) . Stand up and lift dummy up to knees. Your score is the time it takes to complete these tasks. Watch this demonstration. Do you have any questions?” To meet the standard you must complete the course and all tasks in less than 4 minutes and 15 seconds.

Test administration

Situation The officer is charged with pursuing and restraining a fugitive. The various obstacles are simulations of both urban and rural barriers that may need to be surmounted in a pursuit situation.

Tasks PURSUING

1. Subject starts at traffic cone and runs 30 yards (90 feet) to a fence.
2. Subject goes over a six (6) foot fence and runs 20 yards (60 feet) to stairs (marked by traffic cone)
3. Runs up and down 12 steps x 3 times

4. Runs 30 yards (90 feet) to track. (marked by 1 traffic cone).
 5. Runs 1020 feet (340 yards) on track to a traffic cone.
 6. Subject turns and runs 10 feet
 7. Jumps a ditch 4 feet apart (marked by 4 traffic cones).
 8. Runs 60 feet
 9. Serpentine around 10 cones spaced 10 feet apart.(total distance 100 feet)
 - 10.Turns and runs 10 feet.
 - 11.Jumps over a 4 ft. foot sawhorse or hurdle
 - 12.runs 60 feet to 190 lb. dummy
- RESTRAINING**
- 13.Dummy is on his back
 - 14.Subject rolls dummy onto stomach
 - 15.While down on one knee, pull resistance tubing with each arm to midline of the body. (simulation of cuffing)
 - 16.Stands up and lifts 190 lb. dummy up to knees up position.

Equipment

Subject to be tested

1. Dressed in sweat suit or duty uniform.
2. Belt, gun, radio, vest, baton

Setting the testing situation

1. Fence adjacent to track.
2. 440 yard or 400 meter track.
3. 4 ft. sawhorses or hurdle
4. 18 traffic cones.
5. Two rubber resistance bands tubing.
6. 190 lb. dummy
7. 2 assistants to hold rubber tubing and blocking bag
8. Stop watch.

Measurement Time in minutes and seconds

Instructor tips

A coordinator should accompany each participant through the course. Key tasks are to guide the officer through the course, especially the serpentines. When the officer lifts the dummy up the time is recorded.

Effective passing time = 4:25