

Marshall an Aircraft

CONDITIONS

You are a new/old member on a mission, and are asked to be a Flight Line Marshaller.

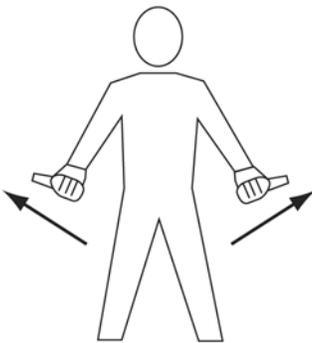
OBJECTIVES

1. Know how to use the proper hand and arm signals to direct the aircraft.

TRAINING AND EVALUATION

Training Outline

1. The hand signals taught in this course are universal and are used by all aviation services. REMEMBER some pilots may not be familiar with these signals.
 - a. These signals are designed for use by the marshaller, using flashing lights when necessary, to facilitate observation by the pilot, and facing the aircraft in a position to the pilots left.
 1. For fixed wing aircraft – within view of the pilot at all times.
 2. For helicopters – where the marshaller can best be seen by the pilot.
 - b. The meaning of the relevant signals remains the same if batons, illuminated wands or flashlight's are used.
 - c. The aircraft engines are numbered, for the marshaller facing the aircraft, from right to left (i.e., # 1 engine being the port or left outer engine).
2. Marshalling signals are a very important part of any flight line operation, and the knowledge of their meaning by both aircrews and marshaller's are imperative. The following signals will be used on all CAP flight lines to provide a safe environment for both aircraft and personnel.



Outward motion with
Thumbs - **PULL
CHOCKS**



Circular motion of right hand
at head level with left arm
pointing to engine. **START
ENGINE**



Raise arm, with fist
clenched, horizontally in
front of body, and then
extend fingers.
RELEASE BRAKE



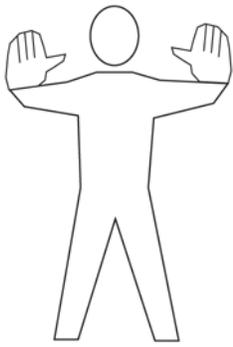
Thumb up
OK or YES



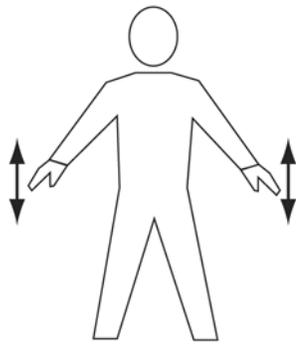
Thumb down
**NOT OK or
NO**



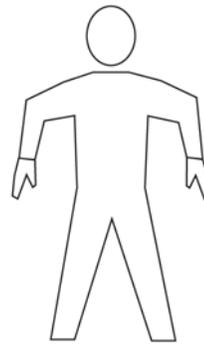
Arms above head in vertical
position with palms facing
inward. **THIS MARSHALLER**



Arms a little aside, palms facing backwards and repeatedly moved upward and backward from shoulder height. **MOVE AHEAD**



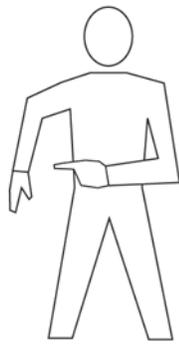
Arms down with palms toward ground, then moved up and down several times. **SLOW DOWN**



Arms extended with forearm perpendicular to ground. Palms facing body. **HOT BRAKES**



Arms extended with forearm perpendicular to ground. Palms facing body. Gesture indicates right side of aircraft. **HOT BRAKES-RIGHT SIDE**



Arms extended with forearm perpendicular to ground. Palms facing body. Gesture indicates left side of aircraft. **HOT BRAKES-LEFT SIDE**



Waiving arms over head. **EMERGENCY STOP**



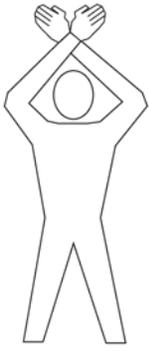
Right or left arm down, other arm moved across the body and extended to indicate direction of next marshaller. **PROCEED TO NEXT MARSHALLER**



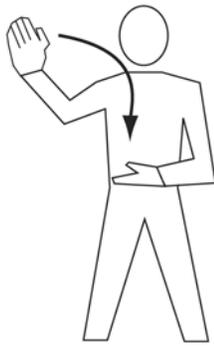
Point right arm downward, left arm repeatedly moved upward-backward. Speed of arm movement indicating rate of turn. **TURN TO THE LEFT**



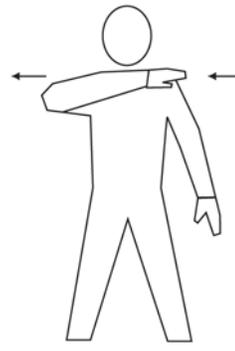
Point left arm downward, right arm repeatedly moved upward-backward. Speed of arm movement indicating rate of turn. **TURN TO THE RIGHT**



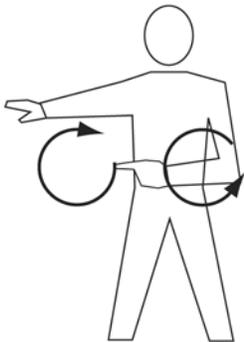
Arms crossed above the head, palms facing forward. **STOP**



Make a chopping motion with one hand slicing into the flat and open palm of the other hand. Number of fingers extended on left hand indicates affected engine. **FEATHER/FUEL SHUT OFF**



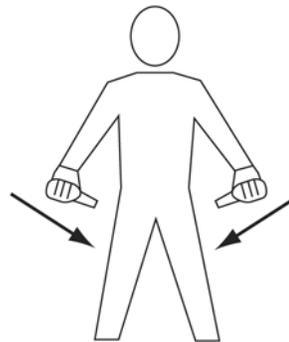
Either arm and hand level with shoulder, hand moving across throat, palm downward. **CUT ENGINES**



Make rapid horizontal figure-of-eight motion at waist level with either arm, pointing at source of fire with the other. **FIRE ONBOARD**



Raise arm and hand, with fingers extended horizontally in front of the body, then clench fist. **ENGAGE BRAKE**



Inward motion with Thumbs - **INSERT CHOCKS**



Right arm raised; elbow shoulder height; palm forward. **MARSHALLER FINISHED**

Additional Information

More detailed information on this topic is available in the Flight Line Text and reference material.

Evaluation Preparation

Setup: Provide an aircrew and aircraft for this evaluation. Set up an obstacle course whereby the student and/or students can demonstrate all the proper hand signals.

Brief Student: Demonstrate the proper hand and arm signals.

Evaluation

<u>Performance measures</u>	<u>Results</u>
1. Demonstrate all of the required hand and arm signals.	P F

Trainee must receive a pass on all performance measures to qualify in this task. If the individual fails any measure, show what was done wrong and how to do it correctly.