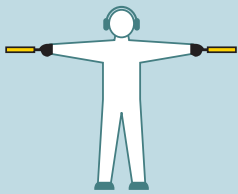




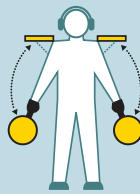
HELICOPTER GROUND OPERATIONS SIGNALS

In many cases the speed of arm movement indicates the rate/urgency.



HOVER

Arms horizontally sideways, palms downward.



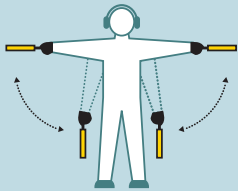
MOVE BACKWARDS

Arms by sides, palms facing forward, arms swept forward and upward repeatedly to shoulder height.



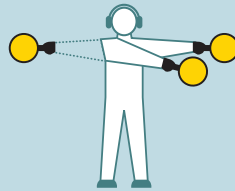
STOP

Arms repeatedly crossed above the head.



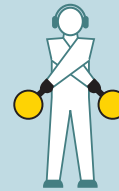
MOVE DOWNWARD

Arms extended horizontally sideways, with palms turned down, beckoning downwards.



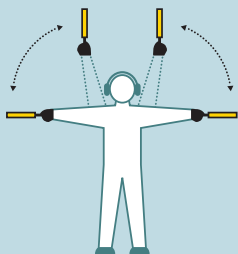
MOVE SIDWAYS

Either arm placed horizontally sideways, then the other arm moved in front of the body to that side, in the direction of the required movement; repeated several times.



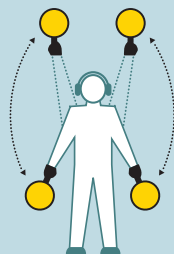
LAND

Arms placed down and crossed in front of the body.



MOVE UPWARD

Arms extended horizontally sideways, with palms up, beckoning upward.



MOVE AHEAD

Arms repeatedly moved upward and backward beckoning onward.



CUT ENGINE(S)

Either arm and hand placed level with the chest, then moved laterally with the palm downwards.

Disclaimer:

The safety improvement analyses and recommendations produced by the EHSIT are based on expert judgment and are supplementary to the official reports of the accident investigation boards (AIBs). Such recommendations, and the safety improvement actions that may follow, are solely aimed at improving helicopter safety, are not binding and under no circumstances should be considered to take precedence over the official AIB reports. The adoption of such safety improvement recommendations is subject to voluntary commitment, and engages only the responsibility of those who endorse these actions. The EHSIT accepts no responsibility or liability whatsoever with regard to the content or for any actions resulting from the use of the information contained in these recommendations.

For a download of this Helicopter Ground Operations Signals leaflet please visit our website:

http://easa.europa.eu/essi/ehest/2011/12/he2_helicopter_ground_operations_ground_signals/

EUROPEAN HELICOPTER SAFETY TEAM (EHEST)

Component of ESSI

European Aviation Safety Agency (EASA)

Safety Analysis and Research Department
Ottoplatz 1, 50679 Köln, Germany

Mail ehest@easa.europa.eu

Web www.easa.europa.eu/essi/ehestEN.html