

This invention relates to the area of aviation, cosmonautics, simulator-building. The method for determination of the angular coordinates of the target is in the fact that to the helmet aiming unit with fixed mark fixing the position of the sight line with the target one includes at least one movable mark. The movable mark defines the position of the target fixed by the airborne system of revealing and following the target. The sentry by turn of head with the helmet brings into coincidence this mark and the fixed mark, at that the angular coordinates of the sight line calculated by the helmet targeting system correspond to the angular coordinates of the target. A device for implementation of the method is proposed. This invention makes it possible to determine the angular coordinates of the target under conditions of absence of visual vision.