

WHAT IS AN ILS AND HOW DOES IT WORK?

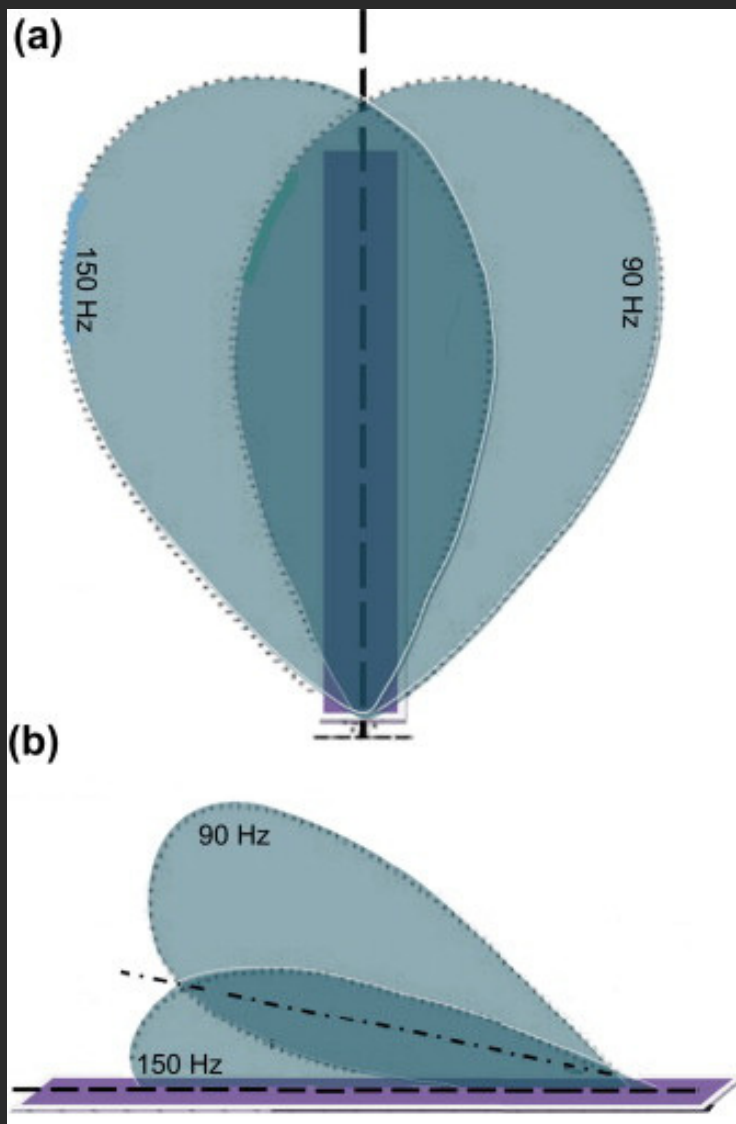
THE ILS INSTRUMENT LANDING SYSTEM LOCALIZER (LOC)

ILS is used to guide aircraft along the axis of the runway so that you can come down on approximately a 3 degree glide slope in for a precision approach.

Localizer is Horizontal Guidance
Glideslope is Vertical Guidance. The glideslope works the same as a localized but the glideslope is turned on its side for vertical guidance.

90 Hz and one that is 150 Hz

IN AVIATION, A LOCALIZER IS THE LATERAL COMPONENT OF THE INSTRUMENT LANDING SYSTEM (ILS) FOR THE RUNWAY CENTERLINE WHEN COMBINED WITH THE VERTICAL GLIDE SLOPE.



The localizer signal is transmitted at the far end of the runway



WHEN DO I USE THE LOCALIZER ON AN APPROACH AND WHY?

IF THE GLIDE SLOPE OR GLIDE PATH BEAM GOES OUT THEN YOU ARE LEFT WITH ONLY A LOCALIZER BEAM WHICH THE LOCALIZER (LOC) PROVIDES LATERAL COURSE GUIDANCE DURING AN APPROACH TO LANDING.

SO ON MOST APPROACH PLATES WOULD HAVE HIGHER MINIMUS TO GO TO.