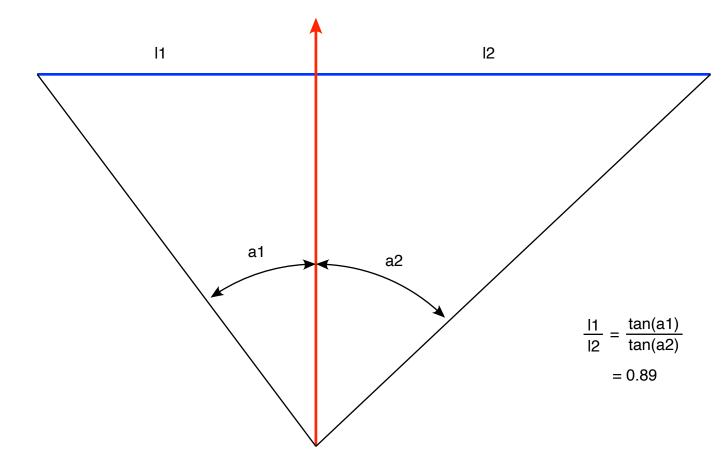
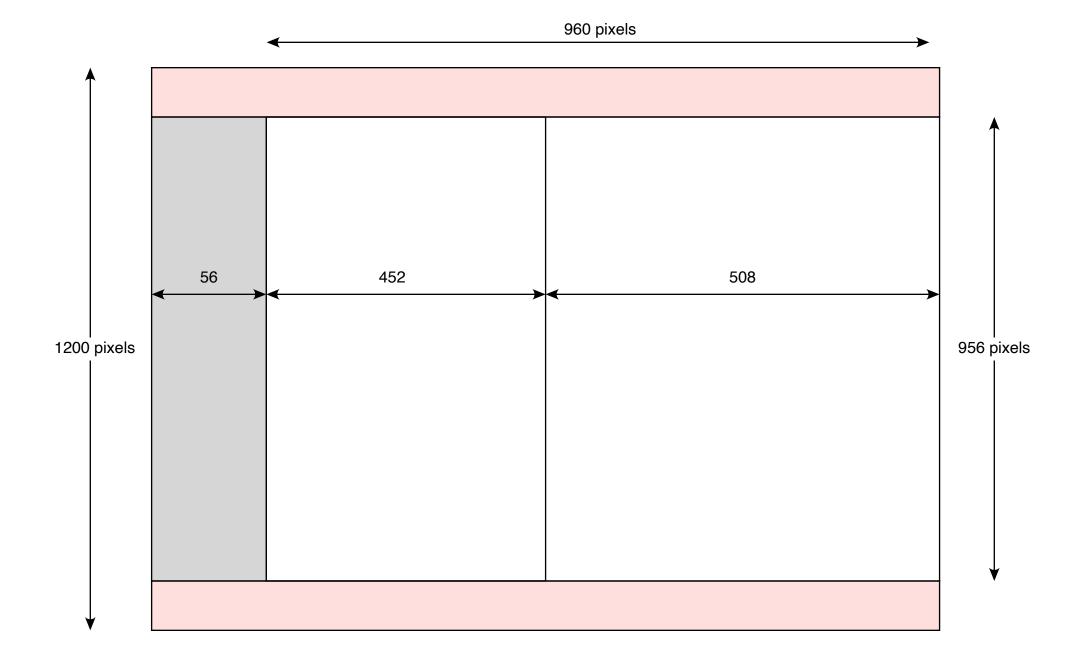


Determine the position on the image of the camera center



Crop and pad to make symmetric



New FOV of padded symmetric view is 2*53.39 = 106.78 deg

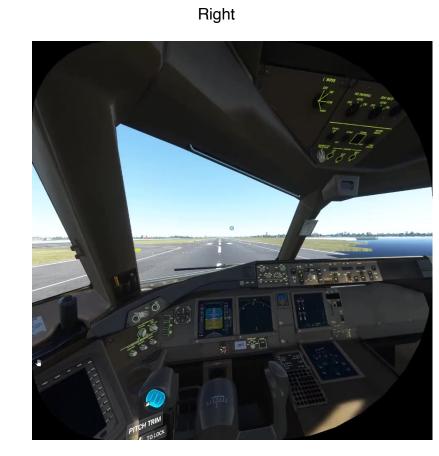
vfov = 2 atan[height tan(hfov/2) / width]

so





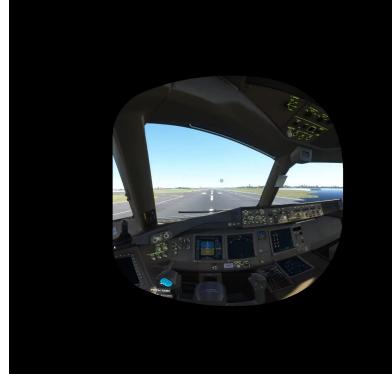
Left











Map to half equirectangular including yaw rotation.

Pad to symmetric frustum