Pointcorr is an IDL program that fits a 2-D Gaussian to a given image and computes offsets in az and za that corrects for errors in the pointing. The command line to call pointcorr is

pointcorr,file.list,n,za,fazo,fzao,cazo,czao.

File.list is a file that contains all of the fits files with the images that need to have the pointing corrected. n is the number of files in file.list. za,fazo,fzao,cazo,czao are all variables where the za,fazo,fzao,cazo,czao from each of the files is stored. The five variable at the end are not required, but are useful if one desires to make plots in IDL. On some operating systems or versions of IDL, one has to add the following compile commands prior to running IDL

.compile ' sharp/bin/mpfit.pro'
.compile ' sharp/bin/mpfit2dfun.pro'
.compile ' sharp/bin/twodgaussfit.pro'
.compile ' sharp/bin/pointcorr.pro'

On puuoo and zamin one must add the compilation statements. If the compilation statements are forgotten, the likely error message is
"MPFIT: Error detected while calling mpfit2dfun_eval:
MPFIT: Attempt to call undefined procedure/function: 'JVFIT2DPEAK"'.