positioning for the 12" plate tests

top left corner of 12" glass plate (304 mm)
x = 132.090
y = 161.605

FOR TIP PLACEMENT
first star patterns for the tiplet deposition:
x = 132.090 + 5+11 = 148.09
y = 161.605 + 5 + 11 = 177.605

first star patterns for the first quad deposition:
x = 132.090 + 5+11 = 148.09 + 26*2 = 200.09
y = 161.605 + 5 + 11 = 177.605

first star patterns for the second quad deposition:
x = 132.090 + 5+11 = 148.09 + 26*2 = 200.09
y = 161.605 + 5 + 11 = 177.605 + 26*6 = 333.605

FOR HEIGHT GAUGE PLACEMENT:
from aug 1:
diff height gauge and dispense tip:
deltaX = 59.055
deltaY = 72.77

first star patterns for the tiplet deposition:
x = 148.09 + 59.055= 207.145
y = 177.605 +72.77= 250.375

first star patterns for the first quad deposition:
x = 200.09+ 59.055= 259.145
y = 177.605 +72.77= 250.375

first star patterns for the second quad deposition:
x = 200.09+ 59.055 = 259.145
y = 333.605 +72.77 = 406.375

glass pickup location:
x = 86.57
y = 132.635
z = 138.95 (subtract 5 for code)