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In [107]: runfile('H:/Python/ProbeLoadsPrint.py', wdir='H:/Python')
--Maximum Aerodynamic Loads on 4-Axis Probe Holder--
----Forces in Newtons & Moments in Newton Meters----

--Maximum Force--
Dmax = [ 8.69333191e+02 -1.33251152e-14 -4.84994530e-15]
M_Dmax = [ 1.65530349e-14 9.02759613e+02 3.83560011e+02]
alpha_Dmax = -160.0
beta_Dmax = 90.0
gamma_Dmax = -45.0

--Maximum Moment--
Mmax = [ 2.09538999e-14 -1.24930006e+03 -4.09382534e+00]
D_Mmax = [ 8.69333191e+02 1.41802914e-14 3.12154322e-31]
alpha_Mmax = 0.0
beta_Mmax = 90.0
gamma_Mmax = -45.0

--Maximum X Force--
DXmax = 869.333190522
D_DXmax = [ 8.69333191e+02 -1.33251152e-14 -4.84994530e-15]
M_DXmax = [ 1.65530349e-14 9.02759613e+02 3.83560011e+02]
alpha_DXmax = -160.0
beta_DXmax = 90.0
gamma_DXmax = -45.0

--Maximum Y Force--
DYmax = 118.872790762
D_DYmax = [ 567.64998431 118.87279076 -0.72723544]
M_DYmax = [ 163.80695381 -771.54036123 175.92166105]
alpha_DYmax = -18.0
beta_DYmax = -48.0
gamma_DYmax = 45.0

--Maximum Z Force--
DZmax = 118.872790762
D_DZmax = [ 567.64998431 0.72723544 118.87279076]
M_DZmax = [ 144.90366496 -266.74565854 -680.71636374]
alpha_DZmax = 72.0
beta_DZmax = -48.0
gamma_DZmax = 45.0

--Minimum X Force--
DXmin = 406.169724617
D_DXmin = [ 4.06169725e+02 -1.33251152e-14 -4.84994530e-15]
M_DXmin = [ 1.65530349e-14 4.03371214e+02 1.74825064e+02]
alpha_DXmin = -160.0
beta_DXmin = -90.0
gamma_DXmin = -45.0

--Minimum Y Force--
DYmin = -118.801562594
D_DYmin = [ 573.56946111 -118.80156259 3.39569546]
M_DYmin = [ 125.15152162 588.94330778 -202.21606138]
alpha_DYmin = 160.0
beta_DYmin = -47.0
gamma_DYmin = 45.0

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--Minimum Z Force--
DZmin = -118.872790762
D_DZmin = [ 567.64998431 -0.72723544 -118.87279076]
M_DZmin = [ 144.67094962 85.09766356 680.71636374]
alpha_DZmin = -108.0
beta_DZmin = -48.0
gamma_DZmin = 45.0

--Maximum X Moment--
MXmax = 168.015561174
D_MXmax = [ 7.20476016e+02 1.17959058e+02 -9.32161130e-02]
M_MXmax = [ 168.01556117 -989.75916949 222.36864201]
alpha_MXmax = -17.0
beta_MXmax = 50.0
gamma_MXmax = -45.0

--Maximum Y Moment--
MYmax = 906.070132843
D_MYmax = [ 868.90680655 -7.71218407 2.69909583]
M_MYmax = [ 9.53356848 906.07013284 -372.90225412]
alpha_MYmax = 160.0
beta_MYmax = 88.0
gamma_MYmax = -45.0

--Maximum Z Moment--
MZmax = 1110.2067543
D_MZmax = [ 8.69333191e+02 1.18044675e-30 -1.41802914e-14]
M_MZmax = [ 1.86850533e-14 -1.43187136e+02 1.11020675e+03]
alpha_MZmax = -90.0
beta_MZmax = 90.0
gamma_MZmax = -45.0

--Minimum X Moment--
MXmin = -22.0746347159
D_MXmin = [ 5.59303139e+02 -8.14908703e+01 4.16841323e-01]
M_MXmin = [ -22.07463472 -150.27110455 -668.27630856]
alpha_MXmin = 85.0
beta_MXmin = -9.0
gamma_MXmin = -45.0

--Minimum Y Moment--
MYmin = -1249.30006478
D_MYmin = [ 8.69333191e+02 1.41802914e-14 3.12154322e-31]
M_MYmin = [ 2.09538999e-14 -1.24930006e+03 -4.09382534e+00]
alpha_MYmin = 0.0
beta_MYmin = 90.0
gamma_MYmin = -45.0

--Minimum Z Moment--
MZmin = -1110.2067543
D_MZmin = [ 8.69333191e+02 5.56138102e-31 1.41802914e-14]
M_MZmin = [ 1.86850533e-14 -1.34999485e+02 -1.11020675e+03]
alpha_MZmin = 90.0
beta_MZmin = 90.0
gamma_MZmin = -45.0

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In [108]: