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In [3]: 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 = [ 4.15316008e+02  3.92127218e+01  4.80421405e-02]
M_Dmax = [ 38.33337576 -592.94480235 -10.95824516]
alpha_Dmax = 0.0
beta_Dmax = 82.0
gamma_Dmax = 45.0

--Maximum Moment--
Mmax = [ 39.0408544 -596.9973031 -1.73610611]
D_Mmax = [ 4.15300340e+02  3.93126385e+01 -3.77496346e-01]
alpha_Mmax = -1.0
beta_Mmax = 82.0
gamma_Mmax = -45.0

--Maximum X Force--
DXmax = 415.410414666
D_DXmax = [ 415.41041467  37.14768922  0.51947739]
M_DXmax = [ 35.36334085 -592.79598561 -19.40246819]
alpha_DXmax = 1.0
beta_DXmax = 83.0
gamma_DXmax = 45.0

--Maximum Y Force--
DYmax = 86.7592001563
D_DYmax = [ 348.08850554  86.75920016  7.86150477]
M_DYmax = [ 108.3537268 -493.61642922  3.40063403]
alpha_DYmax = -4.0
beta_DYmax = 45.0
gamma_DYmax = -45.0

--Maximum Z Force--
DZmax = 69.8210433167
D_DZmax = [ 324.95626418  20.58588156  69.82104332]
M_DZmax = [ 88.68115238 -218.89393255 -365.70204695]
alpha_DZmax = 62.0
beta_DZmax = 43.0
gamma_DZmax = -45.0

--Minimum X Force--
DXmin = 190.958173334
D_DXmin = [ 190.95817333 -3.58682005 -7.16507512]
M_DXmin = [ 24.6978037 186.87058441 88.6474471 ]
alpha_DXmin = -160.0
beta_DXmin = -84.0
gamma_DXmin = -45.0

--Minimum Y Force--
DYmin = -54.0812131663
D_DYmin = [ 260.92804197 -54.08121317 12.92086095]
M_DYmin = [ 79.46386243 271.93298406 -86.47531509]
alpha_DYmin = 160.0
beta_DYmin = -44.0
gamma_DYmin = 45.0

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--Minimum Z Force--
DZmin = -69.8725894101
D_DZmin = [ 281.83036454    9.18154489 -69.87258941]
M_DZmin = [ 84.01398338    89.96561778 318.64153999]
alpha_DZmin = -117.0
beta_DZmin = -43.0
gamma_DZmin = 45.0

--Maximum X Moment--
MXmax = 109.359222041
D_MXmax = [ 349.77557121    84.80482621 22.51239121]
M_MXmax = [ 109.35922204 -488.3327542 -80.83722596]
alpha_MXmax = 7.0
beta_MXmax = 46.0
gamma_MXmax = -45.0

--Maximum Y Moment--
MYmax = 430.895944311
D_MYmax = [ 413.12859779    4.19076512 1.53192671]
M_MYmax = [ 13.81841813 430.89594431 -174.96767818]
alpha_MYmax = 160.0
beta_MYmax = 90.0
gamma_MYmax = -45.0

--Maximum Z Moment--
MZmax = 527.042312667
D_MZmax = [ 413.12859779    15.88115612 -1.18939054]
M_MZmax = [ 4.12996383 -68.47424313 527.04231267]
alpha_MZmax = -90.0
beta_MZmax = 90.0
gamma_MZmax = -45.0

--Minimum X Moment--
MXmin = -16.4776198983
D_MXmin = [ 252.82714052 -37.31316478 9.55485706]
M_MXmin = [ -16.4776199 -139.64992969 -279.73300824]
alpha_MXmin = 71.0
beta_MXmin = -15.0
gamma_MXmin = -45.0

--Minimum Y Moment--
MYmin = -597.079637052
D_MYmin = [ 4.15380467e+02 3.73958480e+01 -2.77845526e-01]
M_MYmin = [ 36.20771263 -597.07963705 -1.04117214]
alpha_MYmin = -1.0
beta_MYmin = 83.0
gamma_MYmin = -45.0

--Minimum Z Moment--
MZmin = -527.042312667
D_MZmin = [ 413.12859779    12.79587665 1.18939054]
M_MZmin = [ 3.63631912 -63.72690816 -527.04231267]
alpha_MZmin = 90.0
beta_MZmin = 90.0
gamma_MZmin = -45.0

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In [4]: