Mass properties of A0-LYN-001 (Assembly Configuration - Default)

Output coordinate System: -- default --

Mass = 18935.39 kilograms

Volume = 3735433652.64 cubic millimeters

Surface area = 475287918.91 millimeters^2

Center of mass: (millimeters)
          X = -1.80
          Y = -519.27
          Z = 1497.16

Principal axes of inertia and principal moments of inertia: (kilograms * square millimeters)
Taken at the center of mass.
          Ix = (-0.00, 0.04, 1.00)   Px = 9026020675.21
          Iy = (0.03, -1.00, 0.04)   Py = 88917668991.78
          Iz = (1.00, 0.03, 0.00)   Pz = 89475342072.43

Moments of inertia: (kilograms * square millimeters)
Taken at the center of mass and aligned with the output coordinate system.
          Lxx = 89474902301.68   Lxy = -17055847.42 Lxz = -80499684.42
          Lyx = -17055847.42 Lyy = 88813063325.84   Lyz = 2893914078.03
          Lzx = -80499684.42 Lzy = 2893914078.03   Lzz = 9131066111.90

Moments of inertia: (kilograms * square millimeters)
Taken at the output coordinate system.
          Ixx = 137024283552.80   Ixy = 616388.84   Ixz = -131452147.62
          Iyx = 616388.84   Iyy = 131256696590.84   Iyz = -11827117778.32
          Izx = -131452147.62   Izy = -11827117778.32   Izz = 14236936432.37