Mass Props with Correct Coordinate System

Mass properties of FULL Assembly

Configuration: Default

Coordinate system: -- default --

Mass = 491.60 grams

Volume = 305080.41 cubic millimeters

Surface area = 204341.56 square millimeters

Center of mass: ( millimeters )

X = -0.04

Y = -29.29

Z = 0.02

Principal axes of inertia and principal moments of inertia: ( grams \* square millimeters )

Taken at the center of mass.

Ix = ( 0.00, 0.00, 1.00) Px = 2623253.84

Iy = ( 1.00, 0.00, 0.00) Py = 2693637.59

Iz = ( 0.00, 1.00, 0.00) Pz = 4263586.34

Moments of inertia: ( grams \* square millimeters )

Taken at the center of mass and aligned with the output coordinate system.

Lxx = 2693636.60 Lxy = -540.75 Lxz = -287.46

Lyx = -540.75 Lyy = 4263586.10 Lyz = 314.27

Lzx = -287.46 Lzy = 314.27 Lzz = 2623255.07

Moments of inertia: ( grams \* square millimeters )

Taken at the output coordinate system.

Ixx = 3115393.09 Ixy = -11.29 Ixz = -287.87

Iyx = -11.29 Iyy = 4263587.01 Iyz = -11.81

Izx = -287.87 Izy = -11.81 Izz = 3045011.97

One or more components have overridden mass properties:

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Long Spacer<4><Default>@Top Assembly<1><Default>

Motor with Propeller<1><Default>

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Battery<1><Default>

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Leg<2><Default>

Leg<3><Default>

Leg<4><Default>

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Propeller Guard<1><Default>

Propeller Guard<2><Default>

Propeller Guard<3><Default>

Propeller Guard<4><Default>

Mass Props with Blade Guards

Mass properties of FULL Assembly

Configuration: Default

Coordinate system: -- default --

Mass = 491.60 grams

Volume = 305080.41 cubic millimeters

Surface area = 204341.56 square millimeters

Center of mass: ( millimeters )

X = -0.04

Y = -5.59

Z = 0.02

Principal axes of inertia and principal moments of inertia: ( grams \* square millimeters )

Taken at the center of mass.

Ix = ( 0.00, 0.00, 1.00) Px = 2623253.85

Iy = ( 1.00, 0.00, 0.00) Py = 2693637.60

Iz = ( 0.00, 1.00, 0.00) Pz = 4263586.37

Moments of inertia: ( grams \* square millimeters )

Taken at the center of mass and aligned with the output coordinate system.

Lxx = 2693636.61 Lxy = -540.75 Lxz = -287.46

Lyx = -540.75 Lyy = 4263586.13 Lyz = 314.27

Lzx = -287.46 Lzy = 314.27 Lzz = 2623255.09

Moments of inertia: ( grams \* square millimeters )

Taken at the output coordinate system.

Ixx = 2709000.60 Ixy = -439.70 Ixz = -287.87

Iyx = -439.70 Iyy = 4263587.04 Iyz = 252.04

Izx = -287.87 Izy = 252.04 Izz = 2638619.48

One or more components have overridden mass properties:

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Motor with Propeller<1><Default>

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Leg<1><Default>

Leg<2><Default>

Leg<3><Default>

Leg<4><Default>

Motor with Propeller<5><Default>

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Motor with Propeller<7><Default>

Propeller Guard<1><Default>

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