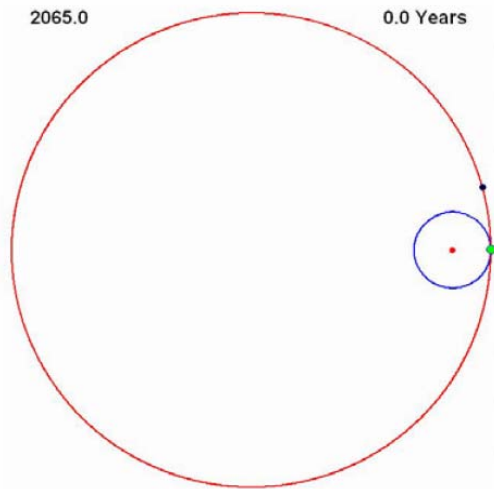


KHEPER PHYSICAL AND ORBITAL CHARACTERISTICS

Maximum Dimension:	260m
Mass:	2.7×10^{10} kg
Density:	2.7g/cm^3
Rotation Period:	30hr
Albedo:	0.33
Surface Temp:	250K
Material Composition:	Carboneous Chondrite Nickel-iron core (10% of maximum diameter)



$T = 4288.8$ days
$\theta = 15.40^\circ$ at Earth's perihelion (January 14, 2065)
$r_{\text{orbit}} = 6.24$ AU

Impact Location:	<i>Latitude</i> $39^\circ 54'$ <i>Longitude</i> $-143^\circ 26'$
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