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Acceleration

Unit Name	Symbol	SI Equivalent
· celo	ft/s ²	0.3048 m/s ²
· centimeter per square second	cm/s ²	1x10 ⁻² m/s ²
· foot per square second	ft/s ²	0.3048 m/s ²
· g (gravitational acceleration)	g	9.80665 m/s ²
· galileo		1x10 ⁻² m/s ²
· inch per square second	in/s ²	2.54x10 ⁻² m/s ²
· kilometer per hour per second	km/h-s	0.277778 m/s ²
· leo		10 m/s ²
· meter per square second	m/s ²	1 m/s ²
· mile (stat.) per hour per second	mph/s, mi/h-s	0.44704 m/s ²
· normal acceleration	g _n	9.80665 m/s ²

Angular acceleration

Unit Name	Symbol	SI Equivalent
· degree per square second	°/s ²	1.74533x10 ⁻² rad/s ²
· radian per square second	rad/s ²	1 rad/s ²
· revolution per minute per second	rpm/s, rev/min-s	0.10472 rad/s ²
· revolution per square minute	rpm/min, rev/min ²	1.74533x10 ⁻³ rad/s ²
· revolution per square second	rps/s, rev/s ²	6.28319 rad/s ²

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