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LIST OF ABBREVIATIONS

NHTSA	-	National Highway Traffic Safety Administration
CG	-	Center of Gravity
ADR	-	Australian Design Rule
UN-ECE	-	United Nations Economic Commission for Europe
ELR	-	Emergency Locking Retractors
MDOF	-	Multi-Degrees of Freedom
TE	-	Total Energy
KE	-	Kinetic Energy
IE	-	Internal Energy
SG	-	Strain Gauge

LIST OF SYMBOLS

L, l	-	Length
E	-	Modulus of Elasticity
A	-	Area
F	-	Force
D, d	-	Diameter
K	-	Stiffness
δ	-	Static Deflection
m	-	Mass
g	-	Constant due to Gravity
t	-	Time
f_n	-	Natural Frequency (Hz)
t_p	-	Time Period
W	-	Weight
ω	-	Natural Frequency (rad/s)
S_R	-	Residual Space
H	-	Height

LIST OF APPENDICES