

List of Acronyms

AGL	advanced guidance law
AMRAAM	advanced medium range air-to-air missile
ARDC	Air Research and Development Command
ASRAAM	advanced short-range air-to-air missile
BOGAG	bunch of guys and gals
BVR	beyond visual range
c.g.	center of gravity
c.m.	center of mass
CAD	computer aided design
CADAC	Computer Aided Design of Aerospace Concepts
CEO	chief executive officer
CEP	circular error probable
CIC	close-in combat
CRT	cathode ray tube
DEP	deflection error probable
DIS	distributed interactive simulation
DoF	degrees of freedom
EO	electro-optical
GPS	global positioning system
HIL	hardware-in-the-loop
HLA	high level architecture
IMU	inertial measuring unit
INS	inertial navigation system
IP	initial point
IR	infrared
ISO	International Standards Organization
LAR	launch acceptable region
LOA	line-of-attack
LOS	line-of-sight
M&S	modeling and simulation
MC	Monte Carlo
MOI	moment of inertia
MRAAM	medium range air-to-air missile
MRE	mean error probable
NASP	National Aerospace Plane
NOAA	National Oceanographic and Atmospheric Agency
PN	proportional navigation
RCS	reaction control system
RF	radio frequency
S/N	signal to noise ratio

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SRAAM	short-range air-to-air missile
SSTO	single stage to orbit
TF/OA	terrain following/obstacle avoidance
TM	transformation matrix
TVC	thrust vector control
wrt	with respect to
WVR	within visual range

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