

Resources

Acronyms

AA-2	Ascent Abort-2	CMA	Crew Module Adapter	ECLSS	Environmental Control and Life Support System
ABCU	Auxiliary Bus Control Unit	CMO	Chief Medical Officer	ECN	Engineering Change Notice
ACM	Attitude Control Motor	CMRT	Crew Module Recovery Trainer	EDL	Exploration Development Lab
ADP	Advanced Development Projects	CMUS	Crew Module Uprighting System	EDU	Engineering Development Unit
AFRC	Armstrong Flight Research Center	COFR	Certification of Flight Readiness	EEE	Electrical, Electronic and Electromechanical
AI&P	Assembly, Integration and Production	CPIT	Cross Program Integration Team	EERB	ESD Engineering Review Board
AI&T	Analysis, Integration & Test	CSM	Crew & Service Module	EFT-1	Exploration Flight Test 1
AM	Abort Motor	CSO	Chief Safety Officer	EGF	Flight Support Equipment Grapple Fixture
AOS	Acquisition of Signal	CT	Crawler Transporter	EGS	Exploration Ground Systems
APS	Avionics Power and Software	CTIL	Communication & Tracking Integrated Lab	EGSE	Electrical Ground Support Equipment
ARC	Ames Research Center	D&C	Display & Controls	EIO	European Service Module Integration Office
ATB	Abort Test Booster	DCR	Design Certification Review	EMC	Electromagnetic Compatibility
ATCS	Active Thermal Control System	DD250	Department of Defense form 250	EMI	Electromagnetic Interference
ATD	Anthropomorphic Test Devices	DDT&E	Design, Development, Test & Evaluation	ERB	Engineering Review Board
ATLO	Assembly Test & Launch Operations	DFI	Developmental Flight Instrumentation	ESA	European Space Agency
ATP	Authority To Proceed	DM	Data Management	ESD	Exploration Systems Development
ATV	Automated Transfer Vehicle	DMJS	Docking Mechanism Jettison System	ESD CE	Exploration Systems Development Chief Engineer
BE0	Beyond Earth Orbit	DOD	Department of Defense	ESD RMO	Exploration Systems Development Resources Management Office
BTA	Boilerplate Test Article	DU	Display Unit	ESM	European Service Module
C&DH	Command & Data Handling	ECB	Exploration Systems Development Control Board	E-STA	European Structural Test Article
C&T	Communications & Tracking	ECD	Estimated Completion Date		
CAM	Control Account Manager	ECLS	Environmental Control and Life Support		
CCB	Configuration Control Board				
CDR	Critical Design Review				
CE	Chief Engineer				
CM	Crew Module				

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EUS	Exploration Upper Stage	ICPS	Interim Cryogenic Upper Stage	MECO	Main Engine Cut Off
EVA	Extra-vehicular Activity	ICWG	Interface Control Working Group	MET	Mission Elapsed Time
FAST	Final Assembly and Test	IG	Inspector General	MEV&V	Multi-Element Verification & Validation
FBC	Forward Bay Cover	IML	Inner Mold Line	MGSE	Mechanical Ground Support Equipment
FBCP	Forward Bay Cover Parachutes	IOZ	Industrial Operating Zone	MIR	Mission Integration Review
FCR	Flight Control Room	IPIT	Integrated Programmatic and Integration Team	ML	Mobile Launcher
FDR	Flight Data Recorder	IPO	Initial Power On	MLI	Multi-layer insulation
FIT	Focused Integration Team	IPIT	Integrated Product Team	MMH	Monomethylhydrazine (hypergolic propellant)
FMEA/CIL	Failure Modes Effects Analysis/ Critical Items List	IRF	Integrated Robotics Facility	MMOD	Micro Meteor Orbital Debris
FOD	Flight Operations Directorate	ISS	International Space Station	MMT	Mission Management Team
FOP	Flight Operations Teams	ITAR	International Traffic in Arms Regulation	MOD	Mission Operations Directorate
FPCB	ESD Flight Procedures Control Board	ITL	Integrated Test Laboratory	MODE	Multi-Organizational Development Engineering
FRCB	ESD Flight Rules Control Board	IWG	Integrated Working Group	MON	Mixed Oxides of Nitrogen
FRR	Flight Readiness Review	JICB	Joint Integration Control Board	MPCB	MPCV Program Control Board
FSW	Flight Software	JM	Jettison Motor	MPCV	Multi-Purpose Crew Vehicle
FTV	Flight Test Vehicle	JPCB	Joint Program Control Board	MPPF	Multi-Payload Processing Facility
FY	Fiscal Year	JSC	Johnson Space Center	MSERP	MPCV Safety Engineering Review Panel
GC	Ground Controller	KDR	Key Driving Requirement	MSFC	Marshall Space Flight Center
GEMCB	Government Equipment & Materials Control Board	KSC	Kennedy Space Center	MSO	Mass Simulator for Orion
GFE	Government Furnished Equipment	LaRC	Langley Research Center	M-STA	Mechanical Structural Test Article
GMIP	Government Mandatory Inspection Point	LAS	Launch Abort System	MVF	Mechanical Vibration Facility
GMT	Greenwich Mean Time	LASF	Launch Abort System Facility	MVS	Mechanical Vibration System
GNC	Guidance, Navigation & Control	LCCP	Cross Program Launch Commit Criteria Panel	NBL	Neutral Buoyancy Laboratory
GOOV	Gas On/Off Valve	LEAF	Lunar Environment Arcjet Facility	NPD	NASA Policy Directive
GPS	Global Positioning System	LEO	Low-Earth Orbit	NPR	NASA Program Requirement
GRC	Glenn Research Center	LETF	Launch Equipment Test Facility	O&C	Operations and Checkout
GSE	Ground Support Equipment	LIDAR	Light Detection and Ranging	OCHMO	Office of the Chief Health and Medical Officer
GTA	Ground Test Article	LIDS	Low Impact Docking System	OCOMM	Office of Communications
HEO	Human Exploration and Operations Mission Directorate	LM	Lockheed Martin	ODN	Onboard Data Network
HH&P	Human Health & Performance	LOC	Loss of Crew	OERB	Operations Engineering Review Board
HITL	Human in the Loop	LOI	Lunar Orbit Insertion	OFT	Orion Flight Test
HLS	Human Landing System	LOM	Loss of Mission	OIMU	Orion Inertial Measurement Unit
HMTA	Health & Medical Technical Authority	LOS	Loss of Signal	OMB	Office of Management & Budget
HOTH	Houston Orion Test Hardware	LOX	Liquid Oxygen	OML	Outer Mold Line
HS	Heat Shield	LRD	Launch Readiness Date		
HW	Hardware	LRS	Landing & Recovery System		
IBR	Integrated Baseline Review	M&P	Materials and Processes		
		MAF	Michoud Assembly Facility		
		MCC	Mission Control Center		

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OMS-E	Orbital Maneuvering System Engine	QPSR	Quarterly Program Status Review	SNIC	Standard Network Interface Card
OMSRP	Operations & Maintenance Requirements & Specifications Panel	R&R	Release & Retention	SPLASH	Structural Passive Landing Attenuation for Survivability of Human Crew (Project)
OPOC	Orion Production and Operations Contract	R2D2	Rapid Reconfigurable Data Distribution	SPT	Subsystem Product Teams
OPSR	Orion Program Schedule Review	RATF	Reverberant Acoustic Test Facility	SRA	Schedule Risk Analysis
ORR	Operational Readiness Review	RCS	Reaction Control System	SRR	System Requirements Review
OSMA	Office of Safety and Mission Assurance	RFP	Request for Proposal	SSDL	Support Software Development Lab
OSMS	Orion Summary Master Schedule	ROC	Reconfigurable Operational Cockpit	SSM	Subsystem Manager
OVIT	Orion Vehicle Integration Team	RPL	Rapid Prototyping Laboratory	STA	Structural Test Article
PA-1	Pad Abort-1	RPOD	Rendezvous, Prox ops and Docking	STORRM	Sensor Test for Orion Relative Navigation Risk Mitigation
PAA	Phased Array Antenna	RPSF	Rotation, Processing & Surge Facility	SVMF	Space Vehicle Mock-up Facility
PBS	Plum Brook Station	S&MA	Safety and Mission Assurance	SW	Software
PCA	Pressure Control Assembly	SA	Spacecraft Adapter	T&V	Test & Verification
PCB	Program Control Board	SADE	Solar Array Drive Electronics	TBR	To Be Resolved
PCDTV	Parachute Compartment Drop Test Vehicle	SADM	Solar Array Drive Mechanism	TCU	Thermal Control Unit
PCDU	Power Conditioning and Distribution Unit	SAJ	Spacecraft Adapter Jettison	TEI	Trans-Earth Injection
PDE	Propulsion Drive Electronics	SAR	System Acceptance Review	TI	Terminal Initiation
PDR	Preliminary Design Review	SAT	System Acceptance Test	TLI	Trans-Lunar Insertion
PDU	Power and Data Unit	SAW	Solar Array Wings	TPR	Top Program Risk
PLE	Project Lead Engineer	SCAN	Spacecraft Communications & Navigation	TPS	Thermal Protection System
PMRB	Program Material Review Board	SCAPE	Self-Contained Atmospheric Protective Ensemble	TRL	Technology Readiness Level
PORT	Post-Landing Orion Recovery Tests	SE&I	Systems Engineering & Integration	TVAC	Thermal Vacuum Chamber
PPBE	Planning, Programming, Budgeting, and Execution	SEC	Space Environments Complex	TVC	Thrust Vector Control
PQM	Propulsion Qualification Module	SEQR	Senior Executive Quarterly Review	VAB	Vehicle Assembly Building
PRA	Probabalistic Risk Assessment	SET	Space Environmental Test (Facility)	VAC	Verification Analysis Cycle
PRU	Pressure Regulator Unit	SET	Space Environment Test Facility	VICB	Vehicle Integration Control Board
PSMS	Program Master Summary Schedule	SICB	SLS Integration Control Board	VIO	Vehicle Integration Office
PTC	Passive Thermal Control	SIM	Simulation	VMC	Vehicle Management Computer
PTV	Parachute Test Vehicle	SLF	Spacecraft Leadership Forum	VNS	Vision Navigation Sensor
PV	Pressure Vessel	SLS	Space Launch System	VPU	Video Processing Unit
QPM	Quarterly Progress Meeting (Airbus)	SM	Service Module	VTB	Verification Test Bed
QPPR	Quarterly Program Performance Review	SM&A	Safety Mission & Assurance	VVM	Visiting Vehicle Manager
		SMCB	Service Module Control Board	WG	Working Group
				WIT	Water Impact Testing
				WOOV	Water On/Off Valve
				WSTF	White Sands Test Facility



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