

Attachment J-05

Acronym List

Acronym List

Acronym	Definition
3-D	Three Dimensional
3DCS	Three Dimensional Control Systems
5S	Sort, Simplify, Sweep, Standardize and Self-Discipline
A&OSP	Assembly and Operations Support Plan
A&SW	Avionics and Software
A/R	As Required
AA	Ascent Abort
ABCL	As-Built Configuration List
ABU	Accounting Business Unit
AC	Accomplishment Criteria
AC	Ascent Cover
ACC	Alternation Control Center
ACT-VAL	Activation and Validation
ACQ	Astronaut Crew Quarters
ACT	Activated
ADDIE	Analyze, Design, Develop, Implement and Evaluate
ADMC	Aerospace Defense Manufacturing Center
ADP	Acceptance Data Package
AE	Approach Ellipsoid
AF	Air Force
AFB	Air Force Base
AFRCC	Air Force Rescue Coordination Center
AFRSI	Advanced Flexible Reusable Surface Insulation
AFSPC	Air Force Space Command
AFSPCMAN	Air Force Space Command Manual
AHA	Agency Honor Awards
AI	Affordability Initiative
AI	Approach Initiation
AIA	Aerospace Industries Association
AIAA	American Institute of Aeronautics and Astronautics
AIT	Assembly, Integration and Test
AIV	Abort Isolation Valve
ALERT	Acute Launch Emergency Reliability Tip
ALTV	Approach and Landing Test Vehicle
AMS	Alpha Magnetic Spectrometer
AMVER	Automated Mutual-assistance Vessel Rescue System

Acronym	Definition
ANSI	American National Standards Institute
APAS	Androgynous Peripheral Attach System
(b) (4)	
APU	Auxiliary Power Unit
AR	Anomaly Report
(b) (4)	
AR&D	Automated Rendezvous and Docking
ARD	Abort Region Determinator
ARES	Accelerated Receiving Execution System
(b) (4)	
ARS	Air Revitalization System
ARS	Atmospheric Revitalization Subsystem
ARS	Automated Requisition System
ASAP	Automated Source Activity Planning
ASC	Advanced Scientific Concepts
ASIF	Avionics Systems Integration Facility
ASIL	Avionics Systems Integration Laboratory
ASIM	Avionics and Software Integration Meeting
ASOC	Atlas Spaceflight Operations Center
ASP	Astronaut Support Personnel
ASPEN	Automated Scheduling and Planning Environment
ASTM	American Society for Testing and Materials
ASTP	Apollo–Soyuz Test Project
ATCS	Active Thermal Control Subsystem
ATF	Bureau of Alcohol, Tobacco, Firearms and Explosives
(b) (4)	
ATM	Ascent Trajectory Model
ATO	Abort to Orbit
ATP	Authority to Proceed
ATRD	Acceptance Test Requirements Document
ATV	All-Terrain Vehicle
AUPP	Average Unit Production Price
B	Benefit
(b) (4)	

Acronym	Definition
BCB	Baseline Change Board
BCC	Backup Control Center
BCMT	Boeing Cargo Manifest Tool
BD	Business Development
BDA	Blast Danger Area
BDEAL	Bi-lateral Data Exchange Agreement List
BDEALS	Bi-lateral Data Exchange Agreement List and Schedule
BDS	Boeing Defense, Space and Security
BES	Boeing Engineering Simulator
BEST	Boeing Enterprise Supplier Tool
BFPR	Basic Flight Product Review
BHS	Base Heat Shield
BHSEALS	Bilateral Hardware / Software Exchange Agreement List and Schedule
BIT	Built-In Test
BLA	Boeing Lightweight Ablator
BMCC	Boeing Mission Control Center
BMS	Boeing Mission Simulator
BOE	Basis of Estimate
BOM	Bill of Materials
BORIS	Boeing Opportunity, Risk and Issue System
BPF	Boeing Processing Facility
BPG	Business Process Guide
BPI	Business Process Instruction
BRAIDSS	Boeing Recurring and Independent Demand Scheduling System
BRID	Boeing Review Item Discrepancy Tool
(b) (4)	
BtCC	Breaking the Cost Curve
BTP	Build-to/Buy-to Package
BTU	Basic Task Unit
BURS	Boeing Usability Scale
BWS	Bedford Work Scale
C	Consequence
C&DH	Command and Data Handling
C&T	Communication and Tracking
C&W	Caution and Warning
C2V2	Common Communications for Visiting Vehicles

Acronym	Definition
C3PF	Commercial Crew and Cargo Processing Facility
CAA	Crew Access Arm
CAC	Common Access Card
CAD	Computer-Aided Design
CAM	Cost Account Manager
CAP	Corrective Action Plan
CAP	Contractor-Acquired Property
CAPA	Corrective and Preventive Action
CAPP	Computer Aided Process Planning
CAPPS	Checkout, Assembly and Payload Processing Services
CAR	Certification Assessment Report
CAS	Cost Accounting Standards
CAS	Compliant Accounting System
CASIS	Center for the Advancement of Science in Space
CASPER	Continuous Activity Scheduling Planning Execution and Replanning
CAT	Crew Access Tower
CATIA	Computer-Aided Three-Dimensional Interactive Application
CB	Certification Body
CBA	Collective Bargaining Agreement
CBR	Certification Baseline Review
CCAFS	Cape Canaveral Air Force Station
CCB	Change Control Board
CCB	Configuration Control Board
CCCS	CST-100 Checkout and Control System
CCDev	Commercial Crew Development
CCDev2	Commercial Crew Development 2
CCDL	Cross Channel Data Link
CCiCap	Commercial Crew Integrated Capability
CCIDC	Commercial Crew Integrated Design Contract
CCP	Commercial Crew Program
CCPO	Commercial Crew Program Office
CCR	Cargo Compatibility Review
CCR	Central Contractor Registry
CCS	Communications Checkout System
CCSDS	Consultative Committee for Space Data Systems
CCtCap	Commercial Crew Transportation Capability

NNK14MA75C - Commercial Crew Transportation Capability (CCtCap) Contract

Acronym	Definition
CCTS	Commercial Crew Transportation System
CCTSdb	Commercial Crew Transportation System Data Base
CD-ROM	Compact Disk – Read Only Memory
CDP	Certification Data Package
CDR	Critical Design Review
CDRL	Contract Data Requirements List
CDT	Count Down Time
CeIL	Certification Indenture Listing
CEIT	Crew Equipment Interface Test
CEO	Chief Executive Officer
CER	Cost Estimating Relationship
CERR	Critical Events Readiness Review
CEV	Crew Exploration Vehicle
CFD	Computational Fluid Dynamics
CFT	Crewed Flight Test
CG or c.g.	Center of Gravity
CHS	Capital Harness System
CI	Configuration Item
CIAO	Central Industry Assistance Office
CID	Cargo Interface Definition
CIL	Critical Item List
CIR	Cargo Integration Review
CIS	Crew Information System
CISO	Chief Information Security Officer
CL	Certification Lead
CLA	Coupled Loads Analysis
CLIN	Contract Line Item Number
CLS	Contractor Logistics Support
CLSA	Commercial Space Launch Act
CLSRB	Current Launch Schedule Review Board
CM	Crew Module
CM	Configuration Management
CM/DM	Configuration Management/Data Management
CM/SM	Crew Module/Service Module
CMD	Command
CMIS	Common Metrology Information System

Acronym	Definition
CMMI	Capability Maturity Model Integration
CMO	Crew and Mission Operations
CMP	Configuration Management Plan
CO	Contracting Officer
CoD	Certification of Design
CoFR	Certification of Flight Readiness
CoFTR	Certification of Flight Test Readiness
COI	Conflict of Interest
COLA	Collision Avoidance
COMSEC	Communications Security
CONOPS	Concept of Operations
CONUS	Continental United States
COPV	Composite Overwrapped Pressure Vessel
COR	Contracting Officer Representative
COTR	Contracting Officer Technical Representative
COTS	Commercial off the Shelf
COTS	Commercial Orbital Transportation Services
CP	Commercial Program
CPAR	Contractor Performance Assessment Report
CPAS	Crew Exploration Vehicle (CEV) Parachute Assembly System
CPC	Certification Products Contract
CPI	Cost Performance Index
CPS	Common Pricing System
CPU	Central Processing Unit
CPWSR	Configuration Performance and Weight Status Report
CR	Certification Review
CR	Change Request
CRS	Commercial Resupply Services
CSAS	Configuration Status Accounting System
CSC	Computer Software Component
CSCI	Computer Software Configuration Item
CSCS	Contingency Spacecraft Crew Support
CSDT	Customer and Supplier Data Transmittal
CSLA	Commercial Space Launch Act
CSPR	Cost, Schedule, Planning and Reporting
CST	Commercial Space Transporter

Acronym	Definition
CSTSP	Commercial Space Transportation Strategic Partnership
CTB	Cargo Transfer Bag
CTM	Crew Transfer Mission
CTS	Crew Transportation System
CUM	Cumulative
CV	Cargo Variant
CVCC	Commercial Vehicle Control Center
CVDR	Cargo Vehicle Departure Review
CY	Calendar Year
D&C	Displays and Controls
DAC	Design Analysis Cycle
DACS	Divert and Attitude Control System
DAEZ	Downrange Abort Exclusion Zone
DCAA	Defense Contract Audit Agency
DCLA	Design Coupled Loads Analysis
DCMA	Defense Contracts Management Agency
DCN	Document Change Notice
DCR	Design Certification Review
DCR	Designated Customer Representative
DDL	Data Downlink
DDTE	Design, Development, Test, and Evaluation
DEC	Dual Engine Centaur
DELMIA	Digital Enterprise Lean Manufacturing Interactive Application
DER	Design Equivalency Review
DFI	Development Flight Instrumentation
DFMA	Design For Manufacturing and Assembly
DFMR	Design For Minimum Risk
DFOS	Design For Operations and Supportability
DFV	Design For Value
DGWY	Dugway
DI	Detailed Instruction
DIL	Deliverable Items List
DIMS	Digital Imagery Management System
DM	Data Management
DM	Documentation Management
DMC	Display Management Computer

Acronym	Definition
DMS	Display Management Software
DN	Discrepancy Notice
DOD	Department of Defense
DOE	Department of Energy
DOF	Degrees of Freedom
DOL	Day of Launch
DOLWG	Day of Launch Working Group
DOORS	Dynamic Object Oriented Requirements System
DOR	Demonstration Objectives Report
DOSC	Denver Operations Support Center
DOT	Department of Transportation
DPE	Development Program Excellence
(b) (4)	
DPM	Deputy Program Manager
DQA	Data Quality Assurance
DR	Data Requirements
DR	Decommissioning Review
DRD	Data Requirements Deliverable
DRL	Data Requirements List
DRM	Data Recorder Module
DRM	Design Reference Mission
DTA	Debris Transport Analysis
DUNS	Data Universal Numbering System
DVD	Digital Video Disk
DVR	Detailed Verification Requirements
DXL	DOORS Extension Language
EAC	Estimate at Completion
EAFB	Edwards Air Force Base
EAS	Enterprise Accounting System
EBBET	Excel Based Basic Task Unit (BTU) Estimating Tool
EBOM	Engineering Bill of Materials
Ec	Expected Number of Casualties
ECAT	Engineering Control Analysis Tool
ECB	Engineering Change Board
ECB	Engineering Control Board
ECD	Estimated Completion Date

NNK14MA75C - Commercial Crew Transportation Capability (CCtCap) Contract

Acronym	Definition
ECF	Environmental Correction Factor
ECL	Engineering Configuration List
ECLS	Environmental Control Life Support
ECLSS	Environmental Control Life Support System
EDIS	Estimating and Data Information System
EDL	Entry, Descent, Landing
ECP	Export Control Plan
EDRS	Engineering Design and Release System
EDS	Emergency Detection System
EDU	Engineering Development Unit
EE	Engineering Estimate
EEE	Electrical, Electronic and Electromechanical
EELV	Extended Expendable Launch Vehicle
EES	Emergency Egress System
EGSE	Electrical Ground Support Equipment
ELS	Exploration Launch Systems
ELSA	Emergency Life Support Apparatus
ELV	Expendable Launch Vehicle
EMA	Electromechanical Actuator
EMC	Electromagnetic Compatibility
EMD	Engineering Manufacturing Development
EME	Electromagnetic Effects
EMI	Electromagnetic Interference
EMU	Extravehicular Mobility Unit
EO	Engineering Order
EOM	End of Mission
EP	Equivalent People
EPA	Environmental Protection Agency
EPS	Electrical Power System
EQI	Early Quality Involvement
ER	Engineering Release
ERB	Engineering Review Board
ERD	Equipment Requirements Description
ERP	Enterprise Resource Planning
ERS	Emergency Recommendation System
ERS	Emergency Re-pressurization System
ERU	Engineering Release Unit

Acronym	Definition
ES	Environmental Seal
ESGP	Enterprise Standard Gated Process
ESM	Ethernet Switch Module
eSRS	Electronic Subcontracting Reporting System
ET	External Tank
ETE	End-to-End
ETRIP	Expedition Training Requirements Integration Panel
EV	Earned Value
EVA	Extravehicular Activity
EVM	Earned Value Management
EVMS	Earned Value Management System
EVR	Extravehicular Robotics
EWR	Eastern and Western Range
FAA	Federal Aviation Administration
FAI	First Article Inspection
FAR	Federal Acquisition Regulations
FAWG	Flight Analysis Working Group
FCA	Functional Configuration Audit
FCC	Federal Communications Commission
FCCOM	Facilities Capital Cost of Money
FCOD	Flight Crew Operations Directorate
FCOH	Flight Controller's Operational Handbook
FCR	Flight Control Room
FCS	Flow Control Subassembly
FCS	Future Combat System
FCT	Flight Control Team
FCV	Flow Control Valve
FD	Flight Director
FDIR	Failure, Detection, Isolation and Recovery
FDR	Facility Design Review
FDS	Fire Detection System
FEM	Finite Element Model
FEM	Federal Information Processing Standards (FIPS) Encryption Model
FEMA	Federal Emergency Management Agency
FET	Flight Execution Team
FEU	Functional Equivalent Unit

Acronym	Definition
FFP	Firm Fixed Price
FHS	Forward Heat Shield
FIM	Flight Integration Meeting
FIPS	Federal Information Processing Standards
FLT	Flight
FMC	Flight Management Computer
FMD	Financial Management Division
FMEA	Failure Modes and Effects Analysis
FMECA	Failure Mode, Effects and Criticality Analysis
FMS	Flight Management System
FOC	Full Operational Capability
FOD	Foreign Object Debris
FOR	Flight Operations Review
FPR	Final Proposal Revision
FPRP	Forward Pricing Rate Proposal
FQT	Formal Qualification Test
FRAM	Flight Releasable Attachment Mechanism
FRCB	Flight Rules Control Board
FRD	Flight Requirements Document
FRM	Fault Response Matrix
FRR	Flight Readiness Review
FRS	Failure Response System
FSE	Flight Support Equipment
FSS	Fire Suppression System
FSW	Flight Software
FTA	Fault Tree Analysis
FTAR	Flight Test Article Review
FTINU	Fault Tolerant Inertial Navigation Unit
FTO	Flight Test Objectives
FTRR	Flight Test Readiness Review
FTS	Flight Termination System
FTSR	Final Technical Summary Report
FTT	Full Task Trainer
FTU	Functional Test Unit
FU	Flight Unit
FY	Fiscal Year
FYI	For Your Information

Acronym	Definition
GAAP	Generally Accepted Accounting Principles
GAO	Government Accountability Office
GBL	Generation Breakdown List
(b) (4)	
GFE	Government Furnished Equipment
GFP	Government Furnished Property
GFPS	Government Furnished Property and Services
GFS	Government Furnished Services
GFY	Government Fiscal Year
GIDEP	Government-Industry Data Exchange Program
GLOW	Gross Lift-Off Weight
GLS	Ground Launch Sequencer
GMD	Ground-based Midcourse Defense
GN&C	Guidance, Navigation and Control
GOES-R	Geostationary Operational Environmental Satellite
GOTS	Government off the Shelf
GPA	General Performance Assessment
GPS	Global Positioning System
GQA	Government Quality Assurance
GR&C	Ground Rules and Constraints
GRS	Gate Review System
GS	Ground Segment
GSCB	Ground Segment Control Board
GSE	Ground Support Equipment
GSFC	Goddard Space Flight Center
GST	Ground System Test
GSW	Ground Software
GTM	Go-To-Market
GUI	Graphical User Interface
GVAN	Ground Van
H&S	Health and Status
HA	Hazard Analysis
HAR	Hazard Analysis Report
HazOps	Critical and Hazardous Operations
HB	Huntington Beach
HBCU/MI	Historically Black Colleges and Universities / Minority Institutions

Acronym	Definition
HBZ	HUB Zone
HCS	Humidity Control Subsystem
HDD	High Definition Data
HDR	High Data Rate
He	Helium
HEA	Human Error Analysis
(b) (4)	
HFPRVA	High Flow Pressure Regulation Valve Array
HFT	Hot Fire Test
HFTA	Hot Fire Test Article
HIM	Horizontal Integration Meeting
HITL	Human in the Loop
HLA	High Level Architecture
HQ	Headquarters
HR	Hazard Report
HRR	Human Rating Requirement
HSF	Human Space Flight
HSI	Hardware/Software Integration
HSI	Human System Integration
HTV	High Velocity Transfer Vehicle
HUB/HUBZone	Historically Underutilized Business Zone
HW	Hardware
I&CP	Instrumentation and Control Panel
I&O	Integration and Operations
I/O	Input/Output
IAD	Interface Analysis Document
IAD	Integrated Architecture Drawing
IAGP	Installation Accountable Government Property
IAQG	International Aerospace Quality Group
IAW	In Accordance With
ICA	Independent Cost Assessment
ICA	Interface Control Agreement
ICD	Interface Control Document
ICD	Interface Control Drawing
ICDR	Integrated Critical Design Review
ICE	Independent Cost Estimate
ICLS	Incremental Capability Launch Service

Acronym	Definition
ICLS	Integrated Contractor Logistics Support
ID	Identification
ID	Instructional Developers
IDA	International Docking Adapter
IDD	Interface Definition Document
IDD	Interface Description Document
IDD	Interface Design Document
IDIQ	Indefinite Delivery Indefinite Quantity
IDR	Initial Design Review
IDWG	Interface Definition Working Group
IEA	Integrated Equipment Assembly
IEC	International Electro-Technical Commission
IFA	In Flight Anomaly
IGA	International Governmental Agreement
IHA	Integrated Hazard Analysis
IID	Incremental and Iterative Development
ILA	Intermediate Level of Assembly
ILC	Initial Launch Capability
ILV	Integrated Launch Vehicle
IMC	ISS Management Center
IMMT	ISS Mission Management Team
IMP	Integrated Master Plan
IMR	Integrated Mission Review
IMS	Integrated Master Schedule
IMS	Inventory Management System
IMU	Inertial Measurement Unit
IMV	Inter- (or Intra-) Module Ventilation
INCOSE	International Council on Systems Engineering
INKSNA	Iran, North Korea, Syria Non-proliferation Act
IOC	Initial Operational Capability
IOS	Instructor Operator Station
IOS	Integrated Operational Scenario
IOZ	Industrial Operations Zone
IP	International Partner
IP/P	International Partners/Participants
IPC	Integrated Propulsion Controller

Acronym	Definition
IPCL	Instrument Program and Command List
IPO	Industrial Property Officer
IPR	In Progress Review
IPT	Integrated Product Team
IQDS	Integrated Quality Data System
IR&D	Independent Research and Development
IRD	Interface Requirements Document
IRIG	Inter-Range Instrumentation Group
IRR	Integration Readiness Review
IRR	Internal Rate of Return
ISIS	Integrated Supplier Information System
ISO	International Organization for Standardization
ISP	Individual Subcontracting Plan
ISR	Individual Subcontracting Report
ISR	Integrated Systems Review
ISS	International Space Station
ISSP	International Space Station Program
IST	Integrated Systems Test
ISVT	Integrated System Verification Testing
IT	Information Technology
ITA	Independent Technical Authority
ITAR	International Traffic in Arms Regulations
ITSMP	Information Technology Security Management Plan
ITSP	Information Technology Security Plan
ITSSP	Information Technology System Security Plan
IUA	Instrument Unit Avionics
IV&V	Independent Verification and Validation
IVA	Intravehicular Activity
IVT	Interface Verification Test
IVT	Integrated Verification Test
IWA	Inter-Organizational Work Authorization
IWT	Inter-Organizational Work Transaction
JAXA	Japan Aerospace Exploration Agency
JCB	Joint Control Board
JIVTP	Joint Integration Verification Test Plan
JMICB	Joint Mission Integration Control Board

Acronym	Definition
JMM	Joint Management Meeting
JMST	Joint Multi-segment Simulation Training
JOIP	Joint Operations Interface Plan
JON	Job Order Number
JOP	Joint Operations Panel
JPL	Jet Propulsion Laboratory
JPRCB	Joint Program Requirements Control Board
JSA	Job Safety Analysis
JSC	Johnson Space Center
JSL	Joint Station Local Area Network
JSPOC	Joint Space Operations Center
JTT	Joint Test Team
JV	Joint Venture
kg	Kilogram
KOS	Keep-Out Sphere
KPP	Key Performance Parameter
KSC	Kennedy Space Center
L	Likelihood
L&D	Landing and Deceleration
L&R	Landing and Recovery
L/D	Lift-to-Drag Ratio
L/D	Length-to-Diameter
LAA	Low Altitude Abort
LADAR	Laser Detection and Ranging
LAE	Launch Abort Engines
LAN	Local Area Network
LaRC	Langley Research Center
LAS	Launch Abort System
LB	Large Business
LCC	Launch Commit Criteria
LCC	Launch Control Center
LCC	Life Cycle Cost
LCD	Launch Configuration Drawing
LCM	Learning Content Management
LCROSS	Lunar Crater Observation and Sensing Satellite
LD	Launch Director

Acronym	Definition
LDB	Loads Data Book
LDCM	Landsat Data Continuity Mission
LDD	Loss, Damage, Destruction
LDR	Low Data Rate
LEO	Low Earth Orbit
LIDAR	Light Detection and Ranging
LIF	Load Image File
Li-ion	Lithium-ion
LLC	Limited Liability Company
LMS	Learning Management System
LO2	Liquid Oxygen
LOC	Loss of Crew
LOM	Loss of Mission
LOx	Liquid Oxygen
LPRR	Launch Processing Readiness Review
LRO	Lunar Reconnaissance Orbiter
LRS	Landing and Recovery System
LRU	Line Replaceable Unit
LS	Launch Services
LS	Launch Segment
LSA	Launch Site Accommodations
LSI	Launch Segment Integration
LSIM	Launch System Integration Manager
LSP	Launch Services Program
LSS	Launch Support Specification
LT	Launch Time
LTA	Launch to Activation
LV	Launch Vehicle
LVA	Launch Vehicle Adapter
LVCC	Launch Vehicle Control Center
LVDS	Low Voltage Differential Signaling
LVI	Launch Vehicle Integration
LVOS	Launch Vehicle on Stand
LVP	Launch Vehicle Provider
LWIR	Long Wave Infrared
LxC	Likelihood (multiplied by) Consequence

Acronym	Definition
M&FS	Mass and Frequency Simulator
M&P	Materials and Processes
MBD	Model-Based Development
MBE	Model-Based Engineering
MBI	Model-Based Instruction
MBOM	Manufacturing Bill of Material
MCA	Mission Complement Analysis
MCAS	Marine Corps Air Station
MCC	Mission Control Center
MCC21	21 st Century Mission Control Center
MCC-H	Mission Control Center Houston
MCCS	Mission Control Center Systems
MCO	Mission Contract Objectives
MCR	Mission Certification Review
MDCT	Market Driven Target Cost
MDL	Mission Data Load
MDR	Mission Data Reduction
MECO	Main Engine Cut-off
MEDEVAC	Medical Evacuation
MEL	Master Equipment List
MEP	Manufacturing Extension Partnership
MEP	Mission Execution Plan
MER	Mission Execution Readiness
MER	Mission Evaluation Room
MES	Manufacturing Execution System
MET	Management Emphasis Tracking
MET	Mission Execution Team
MGA	Mass Growth Allowance
MGSE	Mechanical Ground Support Equipment
MI	Minority Institution
MI&O	Mission Integration and Operations
MIL-STD	Military Standard
MIOCB	Mission Integration and Operations Control Board
MIOMP	Mission Integration and Operations Management Plan
MIP	Mandatory Inspection Point
MIPL	Mission Integration Project Lead

Acronym	Definition
MIR	Mission Integration Review
MIR	Most Important Requirement
MIS	Management Information System
MIT	Massachusetts Institute of Technology
MIUL	Material Identification Usage List
MLE	Middeck Locker Equivalent
MLI	Multi-layer Insulation
MLP	Mobile Launch Platform
MMH	Monomethyl Hydrazine
MMIOC	Multi-Mission Integration and Operations Contract
MMOD	Micro-Meteoroid On-orbit Debris
MMRTG	Multi-Mission Radioisotope Thermal Generator
MMT	Mission Management Team
MOC	Morrell Operations Center
MOD	Mission Operations Directorate
MODEAR	Mission Operations Directorate Enterprise Architecture Repository
MON	Mixed Oxides of Nitrogen
MOS	Measure of Suitability
MOS	Mission Operations Directorate (MOD) Operations Services
MOWG	Mission Operations Working Group
MP	Manufacturing Plan
MPA	Manufacturing Process Assessment
MPA	Mission Planning and Analysis
MPAR	Mission Planning and Analysis Report
MPCP	Mishap Preparedness and Contingency Plan
MPCV	Multi Purpose Crew Vehicle
MPDB	Mass Properties Data Base
MPL	Maximum Possible Loss
MPLM	Multi-Purpose Logistics Module
MPSR	Mass Properties Status Report
MRAD	Mission Resource Allocation Document
MRAP	Mine-Resistant, Ambush Protected
MRB	Material Review Board
MRD	Mission Requirements Document
MRL	Material Requirements List
MRL	Manufacturing Readiness Level

Acronym	Definition
MRO	Mars Reconnaissance Orbiter
MRO	Medical Review Officer
MRP	Manufacturing Resource Planning
MRP	Material Requirements Planning
MRP	Milestone Review Plan
MRR	Mission Requirements Review
MS	Microsoft
MS	Mass Simulator
msec	Millisecond
MSFC	Marshall Space Flight Center
MSL	Mars Science Laboratory
MSP	Master Subcontracting Plan
MSPSP	Missile System Pre-launch Safety Package
MSR	Mission Support Room
MST	Mission Sequence Test
MSTP	Mission Specific Training Plan
MUA	Material Usage Agreement
MUOS	Mobile User Objective System
MVP	Master Verification Plan
N&SS	Network and Space Systems
N/A or NA	Not Applicable
NAFCOM	NASA/Air Force Cost Model
NAICS	North American Industry Classification System
NASA	National Aeronautics and Space Administration
NASA LaRC	NASA Langley Research Center
NASTRAN	NASA Stress Analysis Program
NAWBO	National Association of Women Business Owners
NBL	Neutral Buoyancy Laboratory
NCAIED	National Center for American Indian Enterprise Development
NCM	Nonconformance Management
NCR	Noncompliance Report
NDA	Non-Disclosure Agreement
NDE	Non-Destructive Evaluation
NDS	NASA Docking System
NDSB1	NASA Docking System Block 1
NDSP	NASA Docking System Program

Acronym	Definition
NDT	Non-Destructive Test
NEOM	Nominal End of Mission
NEPA	National Environmental Policy Act
NF	NASA Form
NFS	NASA Federal Acquisition Regulations (FAR) Supplement
NFTE	Non-Real-Time Flight Software Test Environment
NIED	Natural and Induced Environments Document
NISN	NASA Integrated Services Network
NIT	NASA Insight Team
NLS	NASA Launch Services
NLT	No Later Than
nm	Nautical Mile
NMC	NASA Management Center
NMSDC	National Minority Supplier Development Council
NMT	Not More Than
NPR	NASA Procedural Requirement
NPV	Net Present Value
NR	Not Required
NRO	National Reconnaissance Office
NROL	National Reconnaissance Office Launch
NSF	National Science Foundation
NSI	National Standard Initiator
NSS	National Security Space
NSTS	National Space Transportation System
NTO	Nitrogen Tetroxide
NWP	Networks Procurement
O&M	Operations and Maintenance
O&SHA	Operations and Support Hazard Analysis
OBT	Onboard Trainer
OCAD	Operational Control Agreement Database
OCI	Organizational Conflict of Interest
ODC	Other Direct Cost
ODF	Operations Data File
ODFCB	Operational Data File Control Board
OEM	Original Equipment Manufacturer
OFM	Onboard Flight Manager
OFT	Orbital Flight Test

Acronym	Definition
OFTRR	Orbital Flight Test Readiness Review
OIG	Office of Internal Governance
OIP	Operational Interface Procedure
OIS	Operational Intercom System
OJT	On-the-Job Training
OLV	Orbital Launch Vehicle
OMAC	Orbital Maneuvering and Attitude Control
OMB	Office of Management and Budget
OML	Outer Mold Line
OMRS	Operations Maintenance Requirements Specifications
OMRSD	Operations Maintenance Requirements and Specifications Document
OMS	Orbital Maneuvering System
OPF	Orbiter Processing Facility
OPF3	Orbiter Processing Facility 3
OPT	Organizational Process Training
OR	Operating Rhythm
ORBITS	Online Rocket Build Inspection and Test System
ORCA	Online Representations and Certifications Application
ORI	Operational Readiness Inspection
ORR	Operational Readiness Review
ORSAT	Object Re-entry Survival Analysis Tool
ORT	Operational Readiness Test
ORU	Orbital Replacement Unit
OS	Operating System
OSA	Open Systems Architecture
OSC	Orbital Space Complex
OSHA	Occupational Safety and Health Administration
(b) (4)	
OSMci	Operational and Supplier Management Common Image
OV	Orbital Vehicle
OVS	Operational Voice System
P&GP	Production and Ground Processing
P&GS	Production and Ground Systems
P2C2	Post-Production Crew Checklist
P2SR	Phase II Safety Review

Acronym	Definition
P3SR	Phase III Safety Review
PA	Pad Abort
PA	Product Audit
PA	Purchasing Agent
PAF	Pad Abort Facility
PAO	Public Affairs Office
PAT	Pad Abort Test
PATRAN	A finite element analysis software tool
PBA	Probabilistic Safety Analysis
PBOM	Priced Bill of Material
PBS	Product Breakdown Structure
PCA	Physical Configuration Audit
PCA	Power Controller Assembly
PCB	Program Control Board
PCC	Processing Control Center
PCDTV	Parachute Compartment Drop Test Vehicle
PCM	Post Certification Mission
PCS	Portable Computer System
PCS	Pressure Control Subsystem
PCS	Property Control System
PCSA	Property Control System Analysis
PCU	Power Control Unit
PCU	Power Converter Unit
PDF	Portable Document Format
PDM	Product Data Management
PDR	Preliminary Design Review
PE	Program Event
PEG	Powered Explicit Guidance
PEL	Power Equipment List
PEM	Product Exchange Matrix
PEP	Program Execution Plan
PERA	Public Entry Risk Assessment
PFA	Post-Flight Assessment
PFAR	Post-Flight Assessment Report
PFIP	Pre-Flight Imagery Plan
PFR	Post Flight Review

Acronym	Definition
PSFP	Private Space Flight Participants
PGS	Production and Ground Systems
PGUID	Pointing Guidance
PHA	Preliminary Hazard Analysis
PHL	Preliminary Hazard List
PI	Physical Inventory
PI	Program Instruction
PI	Program Integration
PIA	Proprietary Information Agreement
PICB	Payload Integration Control Board
PIO	Provisioning Item Order
PIRR	Program Introduction Readiness Review
PISCES	Platform Independent Software Component for the Exploration of Space
PIT	Partner Integration Team
PIT	Program Integration Team
PLAR	Post-Launch Assessment Review
PLCU	Payload DC Converter Unit
PLM	Product Lifecycle Management
PLS	Primary Landing Site
PM	Program Manager
PM	Project/Program Management
PM	Property Management
PM	Pump Module
PMA2	Pressurized Mating Adapter 2
PMBP	Program Management Best Practices
PMC	Project Management Contractor
PMP	Program/Project Management Plan
PMR	Program Management Review
PO	Purchase Order
POC	Point of Contact
POD	Point of Departure
PQR	Post Qualification Review
PR	Problem Report
PRA	Probabilistic Risk Assessment
PRO	Professional
PRO	Procedure

Acronym	Definition
PRR	Production Readiness Review
PSA	Probabilistic Safety Analysis
PSA	Probabilistic Safety Assessment
psia	Pounds per Square Inch Absolute
PSR	Phase Safety Review
PSR	Program Status Review
PSS	Platform Services System
PTA	Parachute Test Article
PTAC	Procurement Technical Assistance Center
PTCS	Passive Thermal Control System
PTF	Plan-Train-Fly
PTT	Part Task Trainer
PVAN	Phase Vocoder Analysis
PWP	PCM Work Plan
PWS	Performance Work Statement
QA	Quality Assurance
QD	Quick Disconnect
QE	Quality Engineering
QFT	Qualification Flight Test
QMS	Quality Management System
QPA	Quality Process Assessment
QPR	Quarterly Program Review
QRR	Quality Requirement Review
QSP	Quality Surveillance Plan
QSR	Quality Source Representative
QT	Qualification Test
QTP	Qualification Test Procedure
QTV	Qualification Test Vehicle
QVT	Qualification Verification Test
R&D	Research and Development
R&M	Reliability and Maintainability
R&O	Risk and Opportunity
R&U	Redistribution and Utilization
R/I	Receipt and Issue
RAA	Responsibility, Authority, and Accountability
RAIU	Remote Analog Interface Unit

Acronym	Definition
RAM	Requirements Allocation Matrix
RAM	Resource Allocation Matrix
RBA	Risk-Based Analysis
RBAC	Role Based Access Control
RBSP	Radiation Belt Storm Probes
RCC	Reinforced Carbon-Carbon
RCC	Rescue Coordination Center
RCS	Reaction Control System
RCV	Return Cargo Vehicle
REBR	Re-entry Breakup Recorder
RF	Radio Frequency
RFI	Request for Information
RFP	Request for Proposal
RFQ	Request for Quote
RHC	Rotational Hand Controller
RI	Receive and Inspection
RID	Review Item Discrepancy
RID	Review Item Disposition
RIMS	Records Identification Management System
RIP	Requirements Integration Panel
RLV	Reusable Launch Vehicle
RM	Requirements Management
RMP	Risk Management Plan
ROM	Rough Order of Magnitude
RoS	Relief of Stewardship
RP-1	Rocket Propellant-1 Kerosene
RPODU	Rendezvous, Proximity Operations, Docking and Undocking
RQM	Requirement Quality Metric
RS	Range Safety
RTC	Real Time Command
RTDA	Real Time Data Analysis
RTF	Return to Flight
S&H	Safety and Health
S&MA	Safety and Mission Assurance
S/W	Software

Acronym	Definition
S2S	Space-to-Space
SA	Significant Accomplishment
SA	Solar Array
SAA	Space Act Agreement
SAC	Solar Array Controller
SAE	Society of Automotive Engineers
SAIL	Shuttle Avionics Integration Laboratory
SAM	System for Award Management
SAP	Systems, Application and Products in Data Processing
SAR	Search and Rescue
SAR	System Acceptance Review
SARJ	Solar Alpha Rotary Joint
SARR	Spacecraft Assembly Readiness Review
SARSAT	Search and Rescue Satellite Aided Tracking
SAS	Special Aerospace Services LLC
SAT	System Acceptance Test
SB	Small Business
SBA	Small Business Administration
SBC	Single Board Computer
SBDC	Small Business Development Center
SBDS	Small Business Dynamic Search
SBIR	Small Business Innovation Research
SBLO	Small Business Liaison Officer
SC	Spacecraft
SCA	Service Contract Act
SCA	Statistical Composite Average
SCaN	Space Communications and Navigation
SCAPE	Self-Contained Atmospheric Protective Ensemble
SCCB	Software Configuration Control Board
SCCM	Systems Center Configuration Management
SCE	Senior Chief Engineer
SCLS	Space Coast Launch Services
SCM	Software Configuration Management
SCM	Specification Compliance Matrix
SCP	Supplier Change Proposal
SCTF	Sonny Carter Training Facility

Acronym	Definition
SDB	Small Disadvantaged Business
SDD	System Design and Development
SDD	System Development and Demonstration
SDN	Supplier Diversity Network
SDO	Solar Dynamics Observatory
SDP	Safety Data Package
SDP	Software Development Plan
SDP	Supplier Diversity Program
SDR	System Definition Review
SDR	System Design Review
SDRL	Supplier Data Requirements List
SDVET	Small Disadvantaged Veteran-Owned
SDVO SB	Service-Disabled Veteran-Owned Small Business
SE	Space Exploration
SE	Support Equipment
SE	Systems Engineering
SE&I	Systems Engineering and Integration
SEB	Source Evaluation Board
SEC	Securities and Exchange Commission
SEER	System Evaluations and Estimation of Resources
SEIT	Systems Engineering Integration and Test
SEM	Software Estimation Model
SEMO	Supply and Equipment Management Officer
SEMP	Systems Engineering Management Plan
SEPORT	Solicitation Enterprise PRO-70 Online Roster Tool
SER	System Engineering Review
SETA	Systems Engineering and Technical Analysis
SFM	Shop Floor Management
SFOC	Space Flight Operations Contract
SFR	Spacecraft Flow Review
SGLT	Space-Ground Link Terminal
SHA	Safety Hazard Analysis
SHCS	Side Hatch Counterbalance Strut
SHEA	Safety, Health and Environmental Affairs
SHO	Space-to-Ground Handover
SIA	Stowage Interface Agreement

Acronym	Definition
SIGI	Space Integrated GPS and Inertial Navigation System
SIL	Systems Integration Laboratory
SIM	Simulation
SINC	Supplier Insight Control
SIOP	Systems Integration and Operations Panel
SIR	System Integration Review
SIT	Spacecraft Insertion Team
SLAN	Spacecraft Local Area Network
SLC-41	Space Launch Complex 41
SLS	Space Launch System
SM	Service Module
SM	Supplier Management
SM&P	Supplier Management and Procurement
SMA	Safety and Mission Assurance
SMC	System Management Computer
SME	Subject Matter Expert
SMG	Spaceflight Meteorological Group
SMHFT	Service Module Hot Fire Test
SMP	Supplier Management Plan
SMS	Systems Management System
SMT	Supplier Management Team
SNC	Sierra Nevada Corporation
SOC	Security Operations Center
SOO	Statement of Objectives
SOOT	Significantly Out of Tolerance
SOP	Standard Operating Procedure
SORR	Stage Operational Readiness Review
SOW	Statement of Work
SPA	Supporting Property Administrator
SPI	Schedule Performance Index
SPM	Supplier Program Manager
SPMR	Supplier Program Management Review
SPOC	Space Program Operations Contract
SPR	Supplier Performance Review
SPRT	Subsystem Problem Resolution Team
SQ	Supplier Quality

Acronym	Definition
SQR	Supplier Quality Representative
SQS	Supplier Quality Surveillance
SR	Service Request
SR&QA	Safety, Reliability and Quality Assurance; equal to S&MA, SRQ&MA
SR&QE	Safety, Reliability and Quality Engineering
SRA	Schedule Risk Analysis
SRB	Software Review Board
SRB	Solid Rocket Booster
SRP	Safety Review Panel
SRQ&MA	Safety, Reliability, Quality and Mission Assurance; equal to S&MA, SR&QA
SRR	System Requirements Review
SRS	Software Requirement Specification
SRT	System Readiness Test
SRVR	Subcontract Requirements Validation Review
SSHA	Subsystem Hazard Analysis
SSORR	Spacecraft Servicing Operational Readiness Review
SSOW	Supplier Statement of Work
SSP	Software Safety Plan
SSP	Space Station Program
SSPCB	Space Station Program Change Board
SSPCB	Space Station Program Control Board
SSPCM	Solid State Power Control Module
SSQ	Space Station Quality
SSR	Summary Subcontractor Report
SSTF	Space Station Training Facility
STA	Structural Test Article
STCB	Spaceflight Training Control Board
STD	Standard
STEM	Science, Technology, Engineering and Mathematics
STEP	Science, Technology, Engineering and Production
STG	Space-to-Ground
STP	Short Term Plan
STR	Structure
STS	Space Transportation System
STS	Space-to-Space

Acronym	Definition
STTR	Small Business Technology Transfer
SUM	Software User Manual
SUS	System Usability Scale
SVMF	Space Vehicle Mockup Facility
SVTL	Safety Verification Tracking Log
SW	Software
SWLPV	Split, Weld-Less Pressure Vessel
SWO	Small Woman-Owned
T&C	Terms and Conditions
T&M	Time and Materials
T&V	Test and Verification
T&VCP	Test and Verification Control Panel
T&VWG	Test and Verification Working Group
TA	Test Article
TAYO	Test-As-You-Operate
TBD	To Be Determined
TBP	To Be Proposed
TBR	To Be Resolved
TC	Teamcenter
TCB	Technical Control Board
TCD	Test Control Drawing
TCDT	Terminal Countdown Demonstration Test
TcMfg	Teamcenter Manufacturing
TCS	Thermal Control System
TcSE	Teamcenter Systems Engineering
TCV	Total Contract Value
TDAD	Trailing Deployable Aerodynamic Decelerator
TDDP	Trajectory Design Data Pack
TDP	Trajectory Data Pack
TDR	Test Design Review
TDRS	Tracking and Data Relay Satellite
TDRS-K	Tracking and Data Relay Satellite
TDRSS	Tracking and Data Relay Satellite System
TDS	Task Description Sheet
TE	Test Equipment
TECS	Thermal Environment Control System
TF	Technical Fellows

Acronym	Definition
TGUID	Translation Guidance
THAAD	Terminal High Altitude Area Defense
THC	Translational Hand Controller
TI	Test Instruments
TICB	Test Infrastructure Control Board
TICB	Transportation Integration Control Board
TIM	Technical Interchange Meeting
TIO	Transportation Integration Office
TIPQA	TIP Technologies, Inc Quality Assurance
TLM	Telemetry
TLYF	Test-Like-You-Fly
TM	Telemetry
TNA	Training Needs Analysis
TO	Task Order
TPM	Technical Performance Measure
TPS	Thermal Protection System
TRB	Technical Review Board
TRL	Technology Readiness Level
TRR	Test Readiness Review
TS	Training System
TS21	21st Century Training System
TSGS	Training Systems and Government Services
TSS	Training Systems and Services
TSWG	Training System Working Group
TV	Television
TVC	Thrust Vector Control
TVCB	Test and Verification Control Board
U.S., US	United States
UAS	User Application System
UAT	User Acceptance Test
UAV	Unmanned Aerial Vehicle
UCS	Universal Camera Site
UDA	Umbilical Deployment Actuator
UHF	Ultra High Frequency
UID	Unique Identification
(b) (4)	

Acronym	Definition
UOP	Utility Outlet Panel
URL	Uniform Resource Locator
US	Upper Stage
USA	United Space Alliance
USAF	United States Air Force
USC	United States Code
USG	United States Government
USOS	United States On-orbit Segment
USP	Upper Stage Program
USSTRATCOM	United States Strategic Command
UTAS	United Technologies Aerospace Systems
UTC	Coordinated Universal Time
V&V	Verification and Validation
V&VP	Verification and Validation Plan
VA	Verification Activity
VAC	Verification Analysis Cycle
VAL	Validated
VAR	Vehicle Assessment Review
VBR	Vehicle Baseline Review
VCN	Verification Closure Notice
VCRI	Verification Cross Reference Index
VCRM	Verification Cross Reference Matrix
(b) (4)	
VESTA	Vision-based Electro-optical Sensor Tracking Assembly
(b) (4)	
VHF	Very High Frequency
VIDD	Vehicle Interface Definition Document
VIF	Vertical Integration Facility
VIP	VESTA Image Processor
VIS	Vision
VIT	Vehicle Integration Test
VITA	VMEbus International Trade Association
VITT	Vehicle Integration Test Team
VLA	Verification Loads Analysis
VME	Virtual Memory Extension
VOS	Vehicle on Stand

Acronym	Definition
VOSB	Veteran Owned Small Business
VP	Vice President
VPP	Voluntary Protection Program
VR	Verification Requirement
VS	Verification Strategy
VSE	Vehicle Systems Engineer
VSM	Value Stream Mapping
VTL	Verification Tracking Log
VV	Visiting Vehicle
VVDOR	Visiting Vehicle Demonstration Objectives Report
VVIM	Visiting Vehicle Integration Manager
VVV	Visiting Vehicle Verification
WAN	Wide-Area Network
WBENC	Women’s Business Enterprise National Council
WBS	Work Breakdown Structure
WC	Work Center
WDR	Wet Dress Rehearsal
(b) (4)	
WOSB	Woman-Owned Small Business
WP	Work Plan
WR	White Room
WRDT	Water Recovery Development Test
(b) (4)	
WTT	Wind Tunnel Test
XTA	Expansion Tube Assembly
(b) (4)	