ATTACHMENT J-2

GLOSSARY, ACRONYMS AND ABBREVIATIONS

Certain terms, acronyms, and abbreviations used in this contract are listed and defined below. This Attachment J-2 is informational only. If and to the extent any definition contained below conflicts with any other portion of the contract, the other portion of the contract shall prevail.

ABF **Air Bearing Floor**
AC **Assembly Complete**

ACA **Associate Contractors' Agreement**

ACOMC **Assembly Checkout Operations Maintenance Configuration**

ADP **Automatic Data Processing**

A/F **Air Force**

AFSIG **Ascent Flight System Group**

AIS **Automated Information System**

AIT **Analysis and Integration Team**

ANSI **American National Standards Institute**

Assigned Flight Crew Those astronauts assigned to a specific mission. (See "Flight Crew".)

APFPF **Attitude & Pointing Flight Production Facility**

ASCAN **Astronaut Candidate**. Individual in the first year of training after being selected to the astronaut corps.

ASQC **American Society for Quality Control**

ATA **Action Tracking Application**

ATL **Attitude Timeline**

ATP **Assembly Training Plan** or **Authority to Proceed**

BARS **Baseline Accounting and Reporting System**

BET **Best Estimated Trajectories**

BFS **Backup Flight System**

Cannibalization - The removal of a component from an operating flight system or from critical processing or launch system (facility or equipment) for immediate reinstallation into an inoperative flight system or into critical processing or launch system (facility or equipment) in order to restore it to operational condition.

Critical Process or Product Characteristic Features of a material, part, or process whose variation has a controlling influence on a service or product's attributes such as fit, form, function, service, life, safety, reliability, risks, cost performance, or schedule performance.

C&D **Command and Data**

C&T **Communication and Tracking**

CCAS **Cape Canaveral Air Station**

CCB/D **Configuration Control Board/Directive**

CCCD **Crew Compartment Configuration Drawing**
(see DRD 1.2.2.9)

CCCR **Crew Compartment Configuration Review**

CCT **Crew Compartment Trainer**

CDDT **Common Display Development Team**

CDR **Critical Design Review**

CDPA **Controlled Document Production Area**

CEI **Contract End Item** A principal deliverable under a contract; e.g., RSRMs and ETs.

CEIT **Crew Equipment Interface Test**

Certification (of individual in job or position)- Documentation that an individual has accomplished all training and qualification requirements to perform the identified position, job, or duty. Final certification is granted by the organization responsible for the position, job, or duty.

CFM **Contractor-Furnished Material**

CFM **Cubic Feet per Minute**

CFP **Conceptual Flight Profile**

CI **Configuration Inspection**

CIG **Connectors Integrity Group**

Critical Flight Design Products Flight design products which affect safety, mission success, or have a significant impact to users external to the flight design process (I-loads, Range Safety, MCC, SMS, FDF)

CIL **Critical Items List** A list of all Criticality 1 and 1R items from the FMEA, the failure of which could result in loss of life or vehicle. Each failure cause has preventive rationale listed. Prepared in accordance with NSTS-22206.

CIP **Class 1 Integration Plan**

CIR **Cargo Integration Review**

CLS **Contingency Landing Site(s)**

CM **Configuration Management**

CMDS **Configuration Management Documentation System**

COD **Center Operations Directorate (JSC)**

CofF **Construction of Facilities**

CoFR **Certificate of Flight Readiness** The process and documents that certify flight hardware, personnel, and supporting systems are ready to support flight milestones.

COQ **Certificate of Qualification** Contractor statement that all requirements are met or waived for each major component; requires Level III approval.

COTR **Contracting Officer's Technical Representative** A Government employee authorized by the contracting officer to provide technical direction to the contractor. (See Article G.3 of the contract for a definition of "technical direction.") The COTR and Alternate COTR (who may act only in the COTR's absence) are the only Government employees other than a Contracting Officer who may give technical direction to the contractor.

COTS **Commercial-Off-The-Shelf**

COU **Concept of Operations and Utilization**

COUP **Consolidated Operations and Utilization Plan**

CPCB **Crew Procedures Control Board**

Crew Certification Guide - ISS flight crew curriculum and lesson syllabus.

Crew Training Catalog - SSP flight crew curriculum and lesson syllabus.

Crew Training Plan - Flight/Mission unique plan to accomplish training requirements within documented guidelines and constraints. Plan is a function of individual crew capabilities at training start, crew training catalog or cert guide, and flight/increment specific requirements. Scope of plan covers all individual and full crew scheduled activities.

CPDS **Computer Program Development Specification**

CR **Certification Requirement** (see DRD 1.4.1.5.1-b); or,
Change Request (see DRD 1.4.1.1.1-b)

CV **Configuration Verification**

CVAS **Configuration Verification Accounting System**

Data Scientific, technical, or management information obtained from or required to support engineering, development, test operations, research programs, or contract administration. Data denotes recorded information, specifications, drawings, lists, and standards, and may exist as printed matter, instrument recordings, holograms, spectrograms, magnetic tapes and discs, punched cards, micrographics, sound recordings, computer programs, electronic storage media, and film.

DCN **Document Change Notice** Notification of change to a D&V Plan, Hazard, or CIL; submitted to Level III via an ECP.

DDT&E **Design, Development, Test, and Evaluation**

DFRC **Dryden Flight Research Center**

DICM **Detailed Integrated Cargo Manifest**

DIP **Data Integration Plan**

DoD **Department of Defense**

DOLILU **Day of Launch I-Load Update**

DPD **Data Procurement Document** A compilation of all documents that describe the data requirements of this contract.

DPS **Data Processing System**

DR **Disposition Record/Data Requirement**

DR **Discrepancy Report** Contractor report of an article or material that does not conform to applicable drawings, specifications, or other requirements.

DRA **Document Release Authorization**

DRD **Data Requirement Description** A detailed description of a required data item, including purpose, content, format, references, maintenance requirements, submittal requirements, and other pertinent information.

DRL **Data Requirements List** A list of DRDs applicable to this contract.

DSO **Detailed Supplementary Objective**

DTO **Developmental Test Objective**

D&V **Development and Verification** Implementing documentation which identifies all CEI design requirements versus planned verification efforts.

EC **Engineering Cycle**

ECO **Engineering Change Order** Document generated to implement approved changes to design drawings or specifications of a component.

ECP **Engineering Change Proposal** The media for the contractor to formally present to the appropriate CCB proposed engineering changes to NASA configuration baselines for complete assessment by NASA.

ECR **Engineering Change Request** A NASA-initiated request to change NASA technical baselines.

ECS **Engineering Change Sheet** Documents the implementation of an ECO; or, **Environmental Control System**

EDC **Engineering Design Change**

ELV **Expendable Launch Vehicle**

EMA **Electromagnetic Measurement and Analysis**

EME **Electromagnetic Effects**

EMU **Extravehicular Mobility Unit**

EOC **Emergency Operations Center** One of the subelements of the Mission Control Center (MCC) at JSC.

ET **Space Shuttle External Tank** A major component of the Space Shuttle, to which SRBs are mated.

EVA **Earned Value Analysis**; or **Extravehicular Activity**

FAR **Federal Acquisition Regulation**

FACI **First Article Configuration Inspection**

Flight Controller - includes all Space Shuttle flight controllers and Station mission controllers. Flight controllers consist of Flight Control Room (FCR) and Multi Purpose Support Room (MPSR) positions which monitor real-time spacecraft operations, execute appropriate command loads, recommend alternative actions, and otherwise provide integrated trajectory, payloads, and systems expertise.

Flight Controller Training Includes all training aspects-- generic, flight specific and proficiency--leading up to the final certification of flight controllers and their proficiency.

FAO **Flight Activities Officer**

Flight Critical - includes all products, services, and decision making which affect the safety of the crew and/or vehicle.

FC **Flight Cycle**

FCE **Flight Crew Equipment**

FCOD **Flight Crew Operations Directorate (JSC)**

FCOS **Flight Computer Operating System**

FCP **Flight Software Change Proposal**

FCR **Flight Control Room** [in the MCC]

FDF **Flight Data File** Shuttle On-board crew procedures.

FDO **Flight Dynamics Officer** or **Fee Determination Official**

FDR **Functional Design Review**

FDRD **Flight Definition and Requirements Directive**

FEC **Field Engineering Change** The method for initiating and expediting "make safe/make fit/make operable" changes at NASA Using Sites (e.g., at the launch site), and the documentation thereof.

FEPC **Flight Equipment Processing Contract**

FEWG **Flight Evaluation Working Group** The coordinator of detailed assessment and documentation of all MSFC-related hardware, and inter-center point of contact for historical flight data.

FFT **Full Fuselage Trainer**

FIP **Federal Information Processing**

FL **Final Load**

Flight Crew All astronauts, astronaut candidates, and their management. (See "Assigned Flight Crew".)

Flight Design - includes all trajectory and consumable analysis and product development required to support a Space Shuttle or ISS mission. Functional design areas include: ascent, orbit, rendezvous, proximity operations, descent, navigation, consumables and flight integration.

Flight Planning - The process of preparing a flight plan which contains a detailed timeline of the crew's activities for a specific flight. The planning process includes all the premission planning effort necessary to develop the flight unique consumable loadings, determination of Shuttle Mass Properties, consumables management plans, unique payload and system management plans and procedures, integration of payload systems with respect to Orbiter systems performance and limitations, PDRS and EVA techniques and procedures. And it includes the participation in the development and maintenance of Flight Operations Documentation, Procedures, and Tools.

Flight Specific Orbiter Systems Crew Training - Formal Crew Training Catalog Orbiter systems and operations training for assigned flight crews, measured from SMS Training Start through launch. Does not include Station training, Orbiter payload training and EVA training.

Flight Systems - For purposes of flight control, this includes, but is not limited to, External Tank, Solid Rocket Boosters, Orbiter and Station, systems. Examples include Main Propulsion, Electrical, Environmental, Mechanical, Guidance, Navigation, Data and Communications Systems. Payload Deploy Retrieval System, Extravehicular Manned Spaceflight suit, and Inflight Maintenance are also included.

Flight Rules - Document that contains all the preflight approved mission rules and priorities.

FMA **Flight Margin Assessment**

FMEA **Failure Mode Effects Analysis** Documents all possible failure modes in a system design within specified ground rules; identifies items critical to mission success and vehicle and crew survival, and ranks them according to their criticality category.

FOP **Flight Operations Panel**

FPRB **Flight Preparation Requirements Book**

FPS **Flight Planning System**

FPSR **Flight Planning and Stowage Review**

FRCB **Flight Rules Control Board** Responsible for Flight Rule approval.

FRD **Flight Requirements Document**

FRFR **Flight Readiness Firing Review** A CoFR review prior to on-pad engine tests.

FRR **Flight Readiness Review** A CoFR review of open work, technical issues, etc., prior to flight.

FSHR **Flight System Hazard Report** List of potential sources of danger and recommended resolutions/controls for conditions found in hardware and software systems, prepared in accordance with NSTS-22254.

FSM **Flight Support Motor** A RSRM used for static test firing.

FSS **Flight Software System Requirement**

FSSR **Flight Software Functional Requirements**

FSW **Flight Software** Onboard GPC software

FSW/OI **[Orbiter] Flight Software Operational Increments**

GEI **Ground Environmental Instrumentation** On-pad environment monitoring hardware.

GFE/M/P **Government-Furnished Equipment/Material/Property**

GIDEP **Government-Industry Data Exchange Program**

GLS **Ground Launch Sequencer**

GMEMS **General Purpose Computer Memory Patches**

GOAL **Ground Operations Aerospace Language**

GORR **Ground Operations Readiness Review**

GPC **General Purpose Computer** Shuttle on-board flight computers.

GPO **Guidance and Procedures Officer**

GSO **Guidance Support Officer**

GSE **Ground Support Equipment** Non-flight hardware used in the transport, handling, launch preparation, and launch of the Shuttle and its components.

GSRP **Ground Safety Review Panel**

GUCP	**Ground Umbilical Carrier Plate**
HMF	**Hypergol Maintenance Facility**
HW/SW	**Hardware/Software**

ICD **Interface Control Document** Documentation in the form of specifications, drawings and written record that identifies for each side of an interface those necessary design requirements between different contractors and/or Government agencies that will assure an agreeable and compatible interface (e.g., RSRM interfaces with SRB items).

ICHA **Integrated Cargo Hazard Assessment**

ICD **Interface Control Document** (see DRD 1.2.2.5)

ICP **Inventory Control Point**

IDD **Interface Design Document**

IDS **I-Load Dataset**

IDRD **Increment Definition Requirements Document**

IFA **In-Flight Anomaly** An anomaly that occurs in the interval from T-6 hours to end of element mission.

IIR **Increment Integration Review**

ILM **I-LOAD Manager**

I-LOAD **Initialization Load** Mission-unique onboard GPC Flight software variable.

Integrated Simulation Training exercise involving a Shuttle or Station flight EVA in the SMS or SSTF and the Mission Control Team in the MCC.

IOP **Ignition Over Pressure**

IP **Integration Plan**

IPCL **Instrumentation Program and Components List** (see DRD 1.4.1.6.1-g)

IPL **In-Process Loss** An estimating factor derived from project history to account for manufacturing scrap.

IPT **Integrated Product Team**

IPS **Installation Provided Service/s**

IPS **Integrated Planning System** Consists of hardware, platform software (custom and COTS), and application software required to provide planning and analysis in support of the SSP and ISS. This facility is located in building 30A, 30S, 30M, 4N, and 17 at the Johnson Space Center, and at 600 Gemini. Included in the IPS Facility management and operations function are the following subelements; Ascent/Entry Trainers, Proximity Operations (Prox Ops), Robotics Planning Facility (RPF), Reusable Object Software Environment (ROSE), Day-of-Launch (DOL) MPSR.

IPS Critical Functions DOLILU and LSEAT.

IRD **Interface/Installation Requirement Document**

IRN **Interface Revision Notice** Used to record approved ICD changes.

ISD **Instructional Systems Development (USAF)**

ISO **International Standardization Organizations**

ISS/P **International Space Station/Program**

ITF **Integrated Training Facility** The Integrated Training Facility (ITF) consists of hardware, platform software (custom and COTS), and mission-specific application software required to provide flight crew and mission controller part task training, standalone and integrated simulations and testing capabilities for the mission operations in support of the SSP and ISSP. The ITF includes the Shuttle Mission Simulator (SMS) and ~~Spacelab Simulator (SLS) (Bldg. 5N and 35);~~ the Flight Ops Trainers (FOT) which consist of Bldg. 4S-Single System Trainers (SST), Prototype Part Task Trainer (P2T2), Payload Trainer (PLT), Playback Trainer (PBT), Flight Control Trainer (FCT), Crew Software Trainer (CST), International Space Station Part Task Trainer (ISS PTT)'s, Computer Based Training (CBT), Video Rooms~~; and the Manipulator Development Facility (MDF) (Bldg. 9).~~ . The Space Station Training Facility (SSTF) is currently a development project.

IWCS **Integrated Work Control System**

IWG **Interface Working Group** Formal committees established to oversee interface design compatibility between interfacing end items; provides technical approval of designated ICDs.

JHB **Johnson Handbook** One identifier of formal JSC policy or procedures issuances.

JIS **Joint Integrated Simulation** Integrated simulation that includes one or more POCCs.

JMI **Johnson Management Instruction** One identifier of formal JSC policy or procedures issuances.

JMP **Joint Management Plan**

JOP **Joint Operating Procedure**

JSC **Lyndon B. Johnson Space Center**

KHB **Kennedy Handbook** One identifier of formal KSC policy or procedures issuances.

KIMS **Kennedy Inventory Management System**

KMI **Kennedy Management Instruction** One identifier of formal KSC policy or procedures issuances.

KSC **John F. Kennedy Space Center**

KW **Kilowatt**

L-1/L-2 **L-1 Milestone Review and L-2 Milestone Review** CoFRs conducted 24 hours and 48 hours, respectively, before Shuttle launch.

LAT **Lot Acceptance Test** Qualification of materiel by testing representative samples of a target population of the materiel.

LC-39 **Launch Complex-39**

LCC **Launch Commit Criteria** Operational constraints for launch.

LETF **Launch Equipment Test Facility**

L&L **Launch and Landing**

LLI **Limited Life Item** Materiel restricted to use within a specified period after manufacture. Also used in reference to limits on time cycles.

L&M **Logistics and Materials/Logistics and Maintenance**

LMRT **Logistics Management Responsibility Transfer**

LPS **Launch Processing System**

LRU **Line Replaceable Unit** Assemblies and items which can be removed and replaced as a unit from a system at the operating location.

LSEAT **Launch Systems Evaluation Advisory Team**

LSFR **Launch Site Flow Review**

LSO **Landing Support Officer**

LSRR **Launch Site Requirements Review**

LSS **Launch Site Support** Contractor effort provided at KSC.

Major Findings (1) The identification of a critical process or product characteristic, system procedure, or planning function which does not comply with or effectively achieve the requirements or policies to which the auditee is held accountable; (2) The identification of one or more characteristics of a comprehensive plan, system procedure, or process for which processing trends indicate the potential for failure to achieve a desired product or service as established by the customer's requirements and policies; (3) The accumulation of identified findings which indicate an overall systemic lack of compliance to requirements and policy standards or the effectiveness in achieving the standards to which the auditee's process, procedure, or plan is measured. NOTE: The identification of a finding is based on objective evidence collected during interviews, examinations of documents or records, process analysis or observation of activities and conditions in the area of concern.

MAIL **Mockup and Integration Laboratory**

MAR **Mid-Deck Accommodation Rack**

MAST **Measurement and Stimuli Database**

MATCO **Materials Accountability Tracking and Control** Contractor data base listing materials approved for use in Space Shuttle systems, and which indicates where they are used.

MBARS **MSFC Baseline Accounting and Reporting System**

MCB **Materials Control Board** Contractor board which establishes and maintains a listing of materials and components which are acceptable for use in the fabrication of RSRMs.

MCC **Mission Control Center** Consists of all hardware and software, custom and COTS, required to provide command and control capabilities for mission operations in support of the SSP and ISSP. This facility is located in buildings 30M and 30S at the Johnson Space Center. Included in the MCC Facility management and operations function are the following subelements: Rapid Prototyping Lab (RPL), Mission Operations Integration Room (MOIR), Orbiter Data Reduction Center (ODRC), Meteorological Interactive Data Display System (MIDDS), JSC Emergency Operations Center (EOC).

MCC Critical Functions Command, Telemetry, Trajectory, Voice.

MCPP **Mission Configuration Program Plan**

MCR **Master [Software] Change Record**

MDD **Mate/Demate Device**

MECO **Main Engine Cut-Off**

MEDS **[Orbiter] Multi-functional Electronic Display Subsystem**

MER **Maximum Error Rate**

MGI **Mandatory Government Inspection** Manufacturing and materiel characteristics requiring inspection by a Government representative.

MHB **Marshall Handbook**

MIDDS **Meteorological Interactive Data Display System** One of the subelements of the Mission Control Center (MCC) at JSC

MIP **Mission Integration Plan**, or **Mass Memory Integration Plan**, or **Master Inspection Plan** List of all inspections, including MGIs, and how they will be accomplished.

MIS **Management Information System**

MLN **Management Level Network**

MM **Marshall Manual** One identifier of formal MSFC policy or procedures issuances.

MMI **Marshall Management Instruction** One identifier of formal MSFC policy or procedures issuances.

MOD **Mission Operations Directorate**

MOIR **Mission Operations Integration Room** One of the subelements of the Mission Control Center (MCC) at JSC

MPLM **Mini-Payload Logistics Module** (ISS)

MPS **Main Propulsion System**

MPSR **Multi-Purpose Support Room**

MRB **Materials Review Board** A group composed of Government and contractor representatives that review and disposition DRs.

MRCS **Mission Requirements Control System**

MRI **Material Review Instruction** Additional instructions provided on a DR when materiel requires additional inspection, testing, or continued processing.

MRMDF **Multi-Use Remote Manipulator Development Facility**

MSA **Mission Safety Assessment** Assessment of program activity (e.g., waivers) that might cause an impact upon the baseline risk level.

MSFC **George C. Marshall Space Flight Center**

NACC **NASA ADP Consolidation Center**

NASA **National Aeronautics and Space Administration**

NBL **Neutral Buoyancy Laboratory**

NBT **Neutral Buoyancy Trainer**

NDE **Nondestructive Evaluation** Test and analysis of engineered equipment that does not alter the useability of that equipment.

Negotiated need date - A date established by the end user and supplier after the supplier has stated any constraints to immediate delivery of required items.

NEWS **New Engineering Work System**

NFS **NASA FAR Supplement** NASA's supplement to the FAR; part of the Federal Acquisition Regulation System

NFS **National Federal Schedule**

NHB **NASA Handbook** One identifier of formal NASA policy or procedures issuances.

NMI **NASA Management Issuance** One identifier of formal NASA policy or procedures issuances.

Non-flight critical - includes all products, services, decision making which are not flight critical.

NPA **Normal Process Allowance** Estimating factor derived from project history to account for manufacturing rework requirements and any incomplete posture of the manufacturing standard.

NSTS **National Space Transportation System** A generic descriptor applied to Level I and Level II documents, which reflects the name of the program before it became simply the Space Shuttle Program.

NVR **Non-Verification Required**

OAS **Office Automation System**

OBS **Organizational Breakdown Structure** A heirarchical diagram of the total contract work to be performed. The diagram separates the organization into elements depicting increasing levels of detail. It is often combined with a Work Breakdown Structure (WBS) to form a matrix of work elements by responsible organization(s).

OCTF **One-Cycle-to-Flight**

ODF **Operations Data File** ISS onboard crew procedures.

ODRC **Orbiter Data Reduction Center** One of the subelements of the Mission Control Center (MCC) at JSC

OFI **Operational Flight Instrumentation** Instrumentation on flight hardware, such as pressure transducers installed and operative on all flight motors that measure igniter and motor chamber pressure.

OI **Operational Increment** Flight software version indentifier; or, **Operational Instrumentation**

OMD **Operations and Maintenance Directive** Contractor input into the KSC operating procedures (OMI).

OMDP **Orbiter Maintenance Downtime Period**

OMI **Operations and Maintenance Instruction** KSC procedures which control the pre-launch through post-launch processing of hardware at KSC.

OMID **Operation and Maintenance Instruction Document**

OMRSD **Operations and Maintenance Requirements and Specification Document** Design center requirements imposed on KSC. (see DRD 1.4.1.1.3-a)

OPCB **Operations Procedure Control Board**

OPF **Orbiter Processing Facility**

OPS **Operations**

ORI **Operational Readiness Inspection** Formal inspection and certification of new equipment and facilities for use.

ORLA **Optimum Repair Level Analysis** The process whereby the optimum repair level is determined. The "optimum repair level" is the maintenance level selected to perform specific tasks and functions for a given equipment item. The decision to repair equipment at the indicated maintenance level requires that all authorized maintenance capability (remove, replace, assemble, or test) be provided to that level.

ORU **Orbital Replacement Unit**

OTIS **Orbiter Test and Information System**

Out-of-Family Operations or performance outside the expected performance range of parameters or that which has not previously been experienced is out-of-family. The disposition of discrepancies or nonconformances which affect the configuration, certification, mission success, safety critical functions, hazard control, or weight in excess of two pounds (equivalent performance to orbit) is out-of-family. Adverse problem trends are out-of-family. Discrepancies or nonconformances which the operator determines require design element analysis or assistance for resolution are out-of-family. Unexplained anomalies or events are out-of-family. Any activity or condition not expressly defined as in-family is out-of-family.

Oversight Traditional NASA management philosophy of watchful care or management; supervision. An intrusive process of gathering Contractor product or process data through on-site, in-series involvement in the process. Oversight entails a form of control over the process itself. Oversight is an involvement in an activity, principally through inspection with review and approval authority implicit to the degree necessary to assure that a process or product's key characteristics are stable and in control.

PABF **Precision Air Bearing Floor**

PADS **Problem Action Data System**

Payload Training Requirements Currently contained in PIP annex 7 (training). Agreement with payload customer, program office, and flight operations training (currently spaceflight training division) that establishes detailed requirements and responsibilities for training payload unique (flight specific) training.

PASS **Primary Avionics Software System**

PAT **Preflight Adaption Trainer**

PCIN **Program Change Identification Number** A Space Shuttle Program identifying number assigned to each change package submitted for approval.

PCP **Project Change Proposal** A contractor-initiated proposal to change to contractual requirements other than those contained in contract technical baseline documents.

PDCN **Preliminary Document Change Notice** A proposed DCN submitted with an ECP.

PDL **Payload Downlist**

PDMS **Payload Data Management System**

PDR **Preliminary Design Review**

PDT **Payload Data Tape**

PEEP **Postfire Engineering Evaluation Plan** Provides details of what to inspect and document during the postflight disassembly and inspection process.

PERB **Program Engineering Requirements Board**

Performance Objective A measurable, observable learning objective which provides significant evidence of the ability to execute a required task. Ideally, performance objectives are stated behaviorally and at the appropriate level of learning. If required, conditions under which the student will be tested and standards to which the student must perform are included.

PFAR **Postflight Anamoly Report** Documentation of the disassembly team's findings.

PGOC **Payloads, Ground Operations Contract**

PILOT An on-board simulation loaded onto a portable computer to help the crew review the entry trajectory during long orbital flights.

PGS **Partial Gravity Simulator**

PIP **Payload Integration Plan**

PIRN **Preliminary Interface Revision Notice** A proposed ICD change.

PL **Payload**

PLS **Primary Landing Site**

PMRB **Program Material Review Board**

PMS **Performance Measurement System**

PMRB **Program Material Review Board**

POC/A **Portable Onboard Computer/Adjunct**

POCC **Payload Operations Control Center**

POP **Program Operating Plan** Program budget, formally updated annually or semi-annually.

POS **Parts On Shelf** or **Probability of Sufficiency**

PR **Problem Report** Documentation of anomalous conditions found at KSC.

PRACA **Problem Reporting and Corrective Action**

PRB **Problem Review Board** Level III board that reviews, dispositions, or recommends the disposition of, SPRs.

PRCB **Program Requirements Control Board** Level I: The controlling authority for changes to the Level I Program Requirements Document and Level I change criteria; established by the authority of the Director, Space Shuttle Program. Level II: The controllling authority for all changes to Level II Program Definition and Requirements Documents, Master Verification Plan, and Level II Interface Documents; established by the authority of the Deputy Director, Space Shuttle Program.

PRCBD **PRCB Directive**

PRD **Program Requirement Document**

PRP **Personnel Reliability Program**

PSCN **Preliminary Specification Change Notice** A proposed SCN submitted with an ECP.

PSRP **Payload Safety Review Panel**

PTC **Payload Training Complex**. Training simulator located in the Integrated training facility. The PTC will be utilized for ISS Payload Training. The ISS payload training requirements and responsibilities will be defined be the Station Utilization Office.

PV **Procedure Validation**

PVIS **Program Verification Information System**

PVL **Previously Verified Load**

QD **Quick Disconnect**

RCN **Requirements Change Notice** Documents a proposed OMRSD change.

RDGS **Reconfigurable Display Generation System**

RDMA **Risk Database Management**

RF **Radio Frequency**

RI **Recon 1**

RID **Review Item Discrepancy** Formal documentation, during the design phase of an item, of requirements and hardware discrepancies, with recommended dispositions tracked to final resolution.

RME **Risk Mitigation Experiments**

RMR **Resource Management Review**

RMS **Remote Manipulator System** or **Random Motion Simulator**

RPL **Rapid Prototyping Lab** One of the subelements of the Mission Control Center (MCC) at JSC

RPS **Rendezvous Procedures Support**

RPSF **Rotation, Processing and Surge Facility**

RSRM **Reusable Solid Rocket Motor** A solid rocket motor designed and manufactured for use with the Space Shuttle. A principal component of the SRB.

RSS **Rotating Service Structure**

RTLS **Return to Launch Site**

SASCB **Shuttle Avionics Software Control Board**

SAIL **Shuttle Avionics Integration Laboratory**

SAN **Software Authorization Notice**

SASR **Shuttle Avionics Systems Review**

SC **Systems Control**

SCA **Shuttle Carrier Aircraft**

SCAPE **Self-Contained Atmospheric Protective Ensemble**

SCN **Specification Change Notice** Formal documentation to record exact changes to all approved specifications. (see DRD 1.4.1.1.1-c)

SCR **Software Change Request**

SDF **Software Development Facility**

SDS **Shuttle Drawing System**

SFOC **Space Flight Operations Contract**

SIASS **Shuttle Integrated Accounting Status System**

SIP **Systems Integration Plan**

SIR **System Integration Review** Level II review of engineering changes to evaluate impacts to other systems and components, and how interfaces may be affected.

SLF **Shuttle Landing Facility**

SLP **Standard Laboratory Procedures** Commonly accepted laboratory procedures which meet the requirements of the cognizant industry or science association(s).

SLS **Secondary Landing Site**

SLWT **Super Lightweight Tank** A developmental ET whose purpose is to achieve significant weight savings, thereby improving Shuttle payload capacity.

SMRB **Senior Materials Review Board** A MRB composed of top level contractor and Government engineering/quality personnel that reviews DRs outside of the history base.

SMS **Shuttle Mission Simulator**

SODF **Shuttle Operations Data File**

SOW **Statement of Work** A description of the effort the Contractor is to perform under the contract, including the criteria for determining whether the requirements are met. This SOW is a performance-based Statement of Work wherein contract requirements are principally expressed in terms of outputs and standards.

SPC **Shuttle Processing Contract/Contractor**

SPDMS **Shuttle Processing Data Management System**

SPF **Software Production Facility**

SPIP **Space Station Program Implementation Plan**

SPR **Significant Problem Report** A discrepancy that meets the reporting requirements of NSTS-08126.

SRB **Solid Rocket Booster** A major component of the Space Shuttle, comprised of a RSRM, and including other critical assemblies such as the nose cap, frustum, parachute system, forward skirt, aft skirt, and separation motors.

SRF **Software Reconfiguration Facility**

SRG **Software Requirements Group**

SRM **Solid Rocket Motor**

SRP **Space Station Safety Review Panel**

SR&QA **Safety, Reliability and Quality Assurance** The organizational designation of those personnel responsible to verify compliance with safety, reliability, and quality assurance standards for Shuttle component design, production, and performance.

SRR **Software Requirements Review**

SRU **Shop Replaceable Unit**

SSC **John C. Stennis Space Center** or **Shuttle System Contractor**

SSCCD **Space Station Configuration Control Drawing**

SSME **Space Shuttle Main Engine** A major component of the Space Shuttle.

SSMRS **Space Station Remote Manipulator System**

SSMTF **Space Station Mockup and Trainer Facility**

SSP/O **Space Shuttle Program/Office**

SSRP **System Safety Review Panel** A Level II panel which reviews Hazard Report changes.

SSTF **Space Station Training Facility**

SSV **Space Shuttle Vehicle**

STA **Shuttle Training Aircraft**

STE **Special Test Equipment** Either single or multi-purpose integrated test units engineered, designed, fabricated, or modified to accomplish special purpose testing in performing this contract. (See FAR 45.101(a).)

STS **Shuttle Test Station**

STS **Shuttle Transportation System**

TACCS **Time, Age, Cycle Control System**

TAL **Trans-Atlantic Landing**

TCDT **Terminal Countdown Demonstration Test**

TDDP **Trajectory Design Data Package**

TDMS **[NASA] Technical Document Management System**

TCTI **Time Compliance Technical Instruction** Documentation used to make approved engineering changes to hardware after receipt and acceptance by the Government.

TIMS **Training Information Management System**

TIM **Technical Interchange Meeting** Periodic meetings between NASA and the contractor to discuss designated technical issues.

TIPS **Tile Information Processing System**

TMG **Thermal Micro-Meteoroid Garment**

TPS **Test Preparation Sheets**

TSE **Transportation Support Equipment** Non-flight hardware used in the transport of the Shuttle and its components.

UA **Unexplained Anomaly**

UF **Utilization Flight**

UI **User Interface**

UL **Uplink**

ULC **Unpressurized Logistics Carrier**

VAB **Vehicle Assembly Building**

VIP **Vendor Inspection Plan** A list of all inspections required by the Government and the contractor to be accomplished at subcontractor locations, and how they will be accomplished.

VIP **Very Important Persons**

VITT **Vehicle Integration Test Team**

VMS **Vertical Motion Simulator**

WAD **Work Authorization Document**

WBS **Work Breakdown Structure** A hierarchical diagram of the total contract work to be performed. The diagram separates the work content into elements depicting increasing levels of detail. It is often combined with an Organizational Breakdown Structure (OBS) to form a matrix of work elements by responsible organization(s).

WETF **Weightloss Environment Training Facility**

WSSH **White Sands Space Harbor**

WSTF **White Sands Test Facility**