

# Space Flight Systems Directorate

## List of Acronyms

-S-

S&MA	Safety and Mission Assurance
S/C	Spacecraft
SAME	Smoke Aerosol Measurement Experiment
SAMP	Single Acquisition Management Plan
SAPIAD	Space Science Pending International Agreement Database
SAMS	Space Acceleration Measurement System
SAR	Shared Accommodations Rack
SARG	Standard Assurance Requirements and Guidelines
SBA	Simulation Based Acquisition
SBIR	Small Business Innovative Research
SCMP	Soft Condensed Matter Physics
SCR	Science Concept Review
SCWO	Super Critical Water Oxidation
SDL	Structural Dynamics Laboratory
SDP	Safety Data Package
SDR	System Design Review
STDO	Station Development Test Objective
SDTO	Science Detailed Test Objective
SDVOSB	Service Disabled Veteran Owned Small Businesses
SE	Systems Engineer
SE&I	Systems Engineering and Integration
SEB	Source Evaluation Board
SEDC	Sooting and Radiation Effects in Droplet Combustion Experiment
SEMP	Systems Engineering Management Plan
SEP	Gas-liquid Separator Experiment
SEP	Liquid-Gas Separator Experiment
SEP	Solar Proton Event
SESCDP	Senior Executive Service Candidate Development Program
S-FLAME	Structure and Response of Spherical Diffusion Flames
SHERE	Shear History Extensional Rheology Experiment
SIBAL	Solid Inflammability Boundary at Low-Speed
SICD	Spiral Initial Capabilities Document
SIGMA	Gas-Particle Interactions in a Microgravity Flow Cell
SLB	Stabilization of Liquid Bridges
SLD	Subject Load Device
SMA	Safety and Mission Assurance
SMARR	Safety and Mission Assurance Readiness Review
SMARTS	Safety and Mission Assurance Requirements Tracking System
SMD	Science Mission Directorate
SMO	System Management Office
SMOKE	Characterization of Smoke Particulate for Spacecraft Fire Detection
SOFBALL	Structure of Flame Balls at Low Lewis-numbers
SOLAR	Site for Online Learning and Resources
SOMD	Space Operations Mission Directorate
SOW	Statement of Work
SPAWG	Space Communications Analysis Working Group
SPE	Solar Particle Event
SPICE	Smoke Points in Co-flow Experiment
SPU	Sample Processing Unit
SRD	Systems Requirements Documents
SRFE	Smart Fluid Rheology
SRM&QA	Safety, Reliability, Maintainability and Quality Assurance
SRR	System Requirements Review
SS	Systems-of-Systems
SSAA	System Security Authorization Agreement
SSAS	Space System Acquisition Strategy
SSC	Stennis Space Center

SSPIAD	Space Science Pending International Agreements Database
SSTAC	Space Science and Technology Advisory Committee
STD	Standard (Document)
STES	Single-locker Thermal Enclosure System
STTP	Strategy to Task to Technology Process (or Panel)
STTR	Small Business Technology Transfer
SV	Schedule Variance
SV	System View
SVTL	Safety Verification Tracking Log
SWMS	Solid Waste Management System
sZLS	Standalone Zero-g Locomotion Simulator