

# Space Flight Systems Directorate

## List of Acronyms

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M&S	Modeling and Simulation
MABE	Microheater Array Boiling Experiment
MAMS	Microgravity Acceleration Measurement System
MCDL	Master Controlled Documents List
MDA	Milestone Decision Authority
MDCA	Multi-user Droplet Combustion Apparatus
MDIP	Mission System Development Implementation Plan
MEL	Microgravity Environment Lab
MEPAG	Mars Exploration Program Analysis Group
MFS	Multiphase Flow Separators
MFT	Multiphase Flow Technology
MGFA	Multi-user Gaseous Fuels Apparatus
MGI	MICROSCALE Glovebox Investigation Experiment
MGM-III	Mechanics of Granular Materials Experiment - III
MI	Minority Institutions
MIDAS	Miscible Interface Dynamics and Simulation Experiment
MIST	Water Mist Fire Suppression Experiment
MIUL	Material Identification Usage List
MMA	Microgravity Measurement Apparatus
MMOD	Micro-Meteoroid and Orbital Debris
MOA	Memorandum of Agreement
MOBI	Microgravity Observations of Bubble Interaction Experiment
MOMM	Microscopy and Optical Manipulation Module
MOP	Mission Operations Plan
MOTS	Modified-Off-The-Shelf
MOU	Memorandum of Understanding
MRDOC	Microgravity Research, Development and Operations Contract
MRR	Mission Readiness Review
MS	Milestone
MSCRE	Microgravity Smoldering Combustion Re-Flight Experiment
MSD	Microgravity Science Division
MSD	Mission System Development
MSFC	Marshall Space Flight Center
MSG	Microgravity Science Glovebox
MST	Mission Sequence Test
MWA	Maintenance Work Area
μMRF	Micromechanics of Magnetorheological Fluids, LMM-5
μgSEG	Particle Segregation in Collisional Sheering Flows Experiment, GFM-1
μSCALE	Microscale Hydrodynamics Near Moving Contact Lines Experiment
μSiGMA	Micro Solids Interacting with Gas in a Microgravity Apparatus Experiment, GFM-2