

Quick Start Guide to Payload Design

ACRONYMS

March 2, 2022

Acronyms

What does that mean again?

ACRONYM MEANING ABS Acrylonitrile butadiene styrene

ATCS	Active Thermal Control System
С	Centigrade
CoFR	Certification of Flight Readiness
COTS	Commercial-Off-The-Shelf
CSE	Client Payload Engineer
CSS	Client Service+Satisfaction (Team)
DFMR	Redundant or Designed for Minimum Risk
EDMS	Electronic Document Management System
EEE	Electrical, Electronic, and Electromechanical
EMC	Electromagnetic Compatibility
EMI	Electromagnetic Interference
EPDC	Electrical Power Distribution and Control
EPS	Electrical Power System
FAQs	Frequently Asked Questions
FEP	Fluorinated ethylene propylene
FIT	Failure-in-Time
IPL	Integrated Payload List
ISRP	ISS Safety and Review Panel
ISS	International Space Station

REFERENCED IN GUIDE SECTION(S)

Payload Engineering
Payload Engineering
Payload Engineering
Payload Safety
Payload Engineering
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FAQs
Payload Engineering
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Getting Started / FAQs
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IT	Information Technology	FAQs
ITCS	Internal Thermal Control System	Payload Engineering
JSC	Johnson Space Center	Payload Engineering
Li-ion	Lithium ion	Payload Engineering
LTL	Low Temperature Loop	Payload Engineering
MAPTIS	Materials and Processes Technical Informa- tion System	Payload Engineering
MTL	Moderate Temperature Loop	Payload Engineering
NASA	National Aeronautics and Space Administration	Getting Started / FAQs / Payload Engineering / Payload Safety
NDC	NASA Domain Credential	FAQs
ORBIT	OZ Requirements Baselining and Integration Tool	FAQs
OZ	ISS Research Integration Office's Mail Code OZ at NASA/Johnson Space Center	FAQs
PD	Payload Developer	FAQs / Payload En- gineering / Payload Safety
PDI	Payload Data Integrator	FAQs
DET	Polyethylene terephthalate	Payload Engineering
PET		r ayroad Engineering
PET	Perfluoroalkoxy	Payload Engineering
PFA	Perfluoroalkoxy	Payload Engineering Getting Started / Pay-
PFA PIA	Perfluoroalkoxy Payload Integration Agreement	Payload Engineering Getting Started / Pay- load Engineering Getting Started / FAQs / Payload Engineering /
PFA PIA PIM	Perfluoroalkoxy Payload Integration Agreement Payload Integration Manager	Payload Engineering Getting Started / Pay- load Engineering Getting Started / FAQs / Payload Engineering / Payload Safety
PFA PIA PIM PSE	Perfluoroalkoxy Payload Integration Agreement Payload Integration Manager Safety Payload Engineer	Payload Engineering Getting Started / Pay- load Engineering Getting Started / FAQs / Payload Engineering / Payload Safety Payload Safety
PFA PIA PIM PSE PTCS	Perfluoroalkoxy Payload Integration Agreement Payload Integration Manager Safety Payload Engineer Passive Thermal Control System	Payload Engineering Getting Started / Pay- load Engineering Getting Started / FAQs / Payload Engineering / Payload Safety Payload Safety Payload Engineering
PFA PIA PIM PSE PTCS PVC	Perfluoroalkoxy Payload Integration Agreement Payload Integration Manager Safety Payload Engineer Passive Thermal Control System Polyvinyl Chloride	Payload Engineering Getting Started / Pay- load Engineering Getting Started / FAQs / Payload Engineering / Payload Safety Payload Safety Payload Engineering Payload Engineering
PFA PIA PIM PSE PTCS PVC RPM RSA	Perfluoroalkoxy Payload Integration Agreement Payload Integration Manager Safety Payload Engineer Passive Thermal Control System Polyvinyl Chloride Research Portfolio Manager A two-factor authentication technology used	Payload Engineering Getting Started / Pay- load Engineering Getting Started / FAQs / Payload Engineering / Payload Safety Payload Safety Payload Engineering Payload Engineering FAQs / Payload Safety
PFA PIA PIM PSE PTCS PVC RPM RSA SecurID	Perfluoroalkoxy Payload Integration Agreement Payload Integration Manager Safety Payload Engineer Passive Thermal Control System Polyvinyl Chloride Research Portfolio Manager A two-factor authentication technology used to protect network resources	Payload Engineering Getting Started / Pay- load Engineering Getting Started / FAQs / Payload Engineering / Payload Safety Payload Engineering Payload Engineering FAQs / Payload Safety FAQs
PFA PIA PIM PSE PTCS PVC RPM RSA SecurID S&M	Perfluoroalkoxy Payload Integration Agreement Payload Integration Manager Safety Payload Engineer Passive Thermal Control System Polyvinyl Chloride Research Portfolio Manager A two-factor authentication technology used to protect network resources Structures and Mechanisms	Payload Engineering Getting Started / Pay- load Engineering Getting Started / FAQs / Payload Engineering / Payload Safety Payload Engineering Payload Engineering FAQs / Payload Safety FAQs Payload Engineering
PFA PIA PIM PSE PTCS PVC RPM RSA SecurID S&M SDP	Perfluoroalkoxy Payload Integration Agreement Payload Integration Manager Safety Payload Engineer Passive Thermal Control System Polyvinyl Chloride Research Portfolio Manager A two-factor authentication technology used to protect network resources Structures and Mechanisms Safety Data Package	Payload Engineering Getting Started / Pay- load Engineering Getting Started / FAQs / Payload Engineering / Payload Safety Payload Engineering Payload Engineering FAQs / Payload Safety FAQs Payload Engineering Payload Engineering Payload Safety
PFA PIA PIM PSE PTCS PVC RPM RSA SecurID S&M SDP SSP	Perfluoroalkoxy Payload Integration Agreement Payload Integration Manager Safety Payload Engineer Passive Thermal Control System Polyvinyl Chloride Research Portfolio Manager A two-factor authentication technology used to protect network resources Structures and Mechanisms Safety Data Package Space Station Program	Payload Engineering Getting Started / Pay- load Engineering Getting Started / FAQs / Payload Engineering / Payload Safety Payload Engineering Payload Engineering FAQs / Payload Safety FAQs Payload Engineering Payload Safety Payload Safety Payload Safety