

PSRD(Payload Support Requirement Document)

- **The PSRD captures detailed science and hardware requirements for the processing of late stow and nominal payloads at KSC.**
 - **Data that is needed from PI (detailed information on requirements)**
 - name of requirement
 - description
 - quantity
 - part #/ specifications of requirement
 - what it will be used for (SVT/PVT/FTR/FLIGHT)
 - **Examples of Requirements**
 - (1 ea) Science Laboratory with sink, power, and 4 lab tables, flight
 - (2 ea) Class II bench, 6 Ft, micro sampled before arrival, flight
 - (1 bottle) HEPES, 100 ML, Sigma H0887, one for SVT one for flight
 - (5boxes,96/box) Pipette tips, Eppendorf 176740, five for flight

PRSD excel Template

Experiment Name	Status	Mission	Activity	Quantity	Unit of Measure	Requirement	Description	Vendor	Catalog Number
JAXA-RR	Wilco	SpX-007	FLIGHT	1	Each	Lab Space (science)	with AC outlet, water, power, cord, sink, laboratory desk, 7 chairs, Cord: Extension. Heavy duty with 7 wire cord.		
	Wilco			2	Each	Class II biosafety bench	6ft, microsampled before use		
	Wilco			1	Each	Tissue culture incubator (33C)	non-CO2 incubator		
	Wilco			1	Each	Tissue culture incubator (37C)	CO2 incubator		
				1	Each	Tissue culture hood	laminar flow hood		
				5	box/96 per box	Pipette tips, 200 uL	Eppendorf 200 uL tips, Eppendorf	Fisher	1562300

PROCESS OF PSRD

- The PSRD is the controlling agreement between the Payload Mission Management and KSC Research Project Office for off-line, ISS science processing requirements and support. The PSRD is the repository for simulation, preflight, inflight, and post flight payload processing requirements implemented at KSC facilities. These requirements include the use the Payload Processing Facilities as well as equipment, expendables, chemicals, and other unique requirements.
- Research Support Staff will send Excel template for customers to populate.
- When developing PSRD customers should assume Laboratory is empty.
- Deadline for PI to send requirements to Research Support Staff is 3 months before arrival at KSC. The document will be Baslined at L-30.
- Research Support Staff will review PSRD requests and determine if KSC can WICLO (provide) or NOWICO (customer will have to provide).

PSRD POC

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