

Instrument	Design	AAM/Stress Analysis	Fabrication	Lasers	RF Emitters/XRAY/Radioactive	Chemicals	Pressure Systems	Heater/Chiller Schematics	Battery/UPS Information	Motors	Tipover Moment Sheets	Export Controlled Items	Other
Contact Person:	Tyler Keppel & Daniel Nolan	Tyler Keppel & Daniel Nolan	Tyler Keppel & Daniel Nolan	Abraham Chupp	Abraham Chupp	Jeff Nelms	Richard Wong	Thomas Matthews	Thomas Matthews	Thomas Matthews	Thomas Matthews	Brian Hobbs	Thomas Matthews
AS-TEM	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	DC Brushed Motors but Previously	Same as Noxyo3	Received	
CAFS	Deflector Design Complete	Complete - Structures team reviewed Rack Mounted Equipment	Science Team Completing.	N/A	N/A	SDS Sheets Received	Complete	Reviewed	N/A	N/A	2 out of 2	Received	
CANOE	N/A	N/A	N/A	Signed	N/A	N/A	N/A	Previously Reviewed for SARP 2021 - unchanged	N/A	Previously Reviewed for SARP 2021 - unchanged	Same as ISAF	Received	
CHARON	Window Inlet Design Complete	window Inlet review complete	Window Inlet Parts Exist at AFRC	N/A	RF (Exempt)	No SDS Sheets - 10/17 (pulling these from database)	Complete	Reviewed	Information Requested	Brushless or AC Motors	Received	Received	
CIT-CIMS	N/A	N/A	N/A	N/A	Ion - Complete	SDS Sheets Received	No Changes from Aeromma	No Changes from Aeromma	No Changes from Aeromma	No Changes from Aeromma	Received	Received	
DACOM/LICOR	N/A	Structures Team updated the AAM for single Inlet Installation	N/A	Signed	N/A	SDS Sheets Received	No Changes from ECOD	No Changes from ECOD	No Changes from ECOD	No Changes from ECOD	No changes	Received	
DLH-SP	N/A	N/A	N/A	Signed	N/A	SDS Sheets Received	No Changes from ECOD	No Changes from ECOD	No Changes from ECOD	No Changes from ECOD	No changes	Received	
E-TILDAS	N/A	N/A	N/A	Signed	N/A	SDS Sheets Received	Pressure System Schematics Received - Complete	Review upon arrival	UPS requires modification will be done before arrival	AC Motor	Received	Received	
GT-CIMS	Design Complete	Structures Team reviewed Top Plate Assembly.	GT-CIMS Team Building Top Plate Assembly	N/A	Po-210 - Paperwork in Progress	SDS Sheets Received	Review Complete	Reviewed	UPS to be received in December	Brushless or AC Motors	Received	Received	
HR-AMS	N/A	N/A	N/A	Signed	Ion (Signed)	SDS sheets Received	Complete	No Changes.	Reviewed	Spark Test required on final inspection	Received	Received	Spark Test
ISAF	Window Inlet Complete	Structures Reviewed Window Inlet - AAM Complete	Window Parts Fabricated - AFRC	Complete	RF Exempt	SDS sheets Received	No Changes from AEROMMA	No Changes from AEROMMA	N/A	No Changes from AEROMMA	Received	Received	
K-ACES (CAESAR-Blue)	N/A	N/A	N/A	N/A	N/A	SDS sheets Received	Review Complete - PI ordering part, confirm new part during integration	Reviewed	UPS Required Inspection prior to installation	No changes from KORUS-AQ	Received	Received	Review what connector used for UPS
K-AMS	Window Inlet - Complete; Non-Standard Rack Mounted Equipment, Photos received	Structures team is reviewing Window Inlet (complete) and Non-standard Rack Mounted Equipment (complete)	Window Inlet - Parts Fabricated at AFRC; Science Team Fabricating Rack Mounted Equipment	N/A	Exempt	Received SDS	N/A	N/A	Modification Complete	All brushless/AC Motors	Received	Received	
K-CCN	N/A	N/A	N/A	Review Complete Will sign permit in person during integration	Ion Signed	SDS sheets Received	N/A	Heater Built into COTS unit.	Requires Assistance upon arrival	Brushless/AC motors	Received	Received	
K-CIMS	Window Inlet Design Complete - Received Photos for non-standard rack mounted equipment	Structures team is reviewing Window Inlet and Non-standard Rack Mounted Equipment. Will finish review in	Window Parts Fabricated - AFRC	N/A	Ion (Complete)	SDS sheets Received	Review Complete	Reviewed	Added a 2nd UPS	Brushless Motors or previously flown	Received	Received	
K-SP2-D/K-SMPS	N/A	N/A	N/A	Complete	Ion (Complete)	SDS Sheets Received	N/A	Heater Built into COTS unit.	Mod completed in US	Brushless Motors/AC	Received	Received	

K-SP2	N/A	N/A	N/A	Review Complete Will sign permit in person during integration	N/A	SDS Sheets Received	N/A	N/A	Mod completed in US	Brushless Previously Flown	Received	Received	
LARGE	N/A	N/A	N/A	Complete	X-ray - Complete	SDS Sheets Received	Subset of ECOD	Subset of ECOD	Subset of ECOD	Subset of ECOD	Received	Received	
LGR-AAT	Pump Plate modification design work complete	pump plate AAM update no longer needed	Pump Plate modification no longer needed	N/A	N/A	SDS Sheets Received	Pressure Schematics received	NSRC assisted	N/A	Brushless Motors	Received - Working with TOGA	Received	
MMS	N/A	N/A	N/A	Exempt	N/A	No Changes from ECOD	No Changes from ECOD	No Changes from ECOD	No Changes from ECOD	N/A	AFRC to complete	Received	
MIRO	Inlet Design Complete - NSRC	Structures Reviewed Inlet Design	Blankoff plate and internal probe components have been fabricated by NSRC	Complete	N/A	SDS Sheets Received	Pressure System Schematics Received, Reviewed	Reviewed	N/A	Brushless or AC Motors	Received	Received	
NO _x O ₃	Received Stress Report and CAD for the FO3 and NOxy Racks from Science Team	Structures Reviewed Stress Report - AAM Completed	N/A	N/A	N/A	SDS Sheets Received	Report Received - Review Complete	Reviewed	UPS ok	Brushless Motor	Received	Received	
OPALS	Changing Laser Box - Received Design Changes from Instrument Team	Structures Team reviewing Laser Box Installation - Final review will occur post-install onto A/C	Science Team Completing Fabrication of New Laser Box	Complete	N/A	No Changes	No Changes	No Changes	No Changes	No Changes	Received	Received	
PTR-MS	N/A	N/A	N/A	N/A	RF (Exempt)	No SDS Sheets - 10/17 (pulling these from database)	Complete	Reviewed	Reviewed	Brushless or AC Motors	Received	Received	
ROZE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Previously Reviewed for SARP 2021 - unchanged	N/A	Previously Reviewed for SARP 2021 - unchanged	Same as ISAF	Received	
SAGA	N/A	N/A	N/A	N/A	N/A	SDS Sheets Downloaded	N/A	N/A	N/A	Previously flown	Same as ISAF	Received	
TOGA	Window Inlet In Work - AFRC	Structures Team is Reviewing Window Inlet (Splitting up Windows with LGR-AAT).	Window Parts Fabricated - AFRC	N/A	N/A	SDS Sheets Received, Reviewed	Review Complete - New Part ordered.	No Changes	New cells procured	Previously flown	Received	Received	
WAS	N/A	N/A	N/A	N/A	N/A	No Changes from Sarp 2022	No Changes from Sarp 2022	No Changes from Sarp 2022	No Changes from Sarp 2022	No Changes from Sarp 2022	Received	Received	