

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	Required		
CAFS	Deflector Design Complete	In Progress - Structures team to review Deflector and Rack Mounted	Science Team Completing.	N/A	N/A	SDS Sheets Received	In Progress - Pressure System Report received 11/6	Reviewed	N/A	N/A	Required		
CHARON	Window Inlet Design Complete	Structures team to review window Inlet	Window Inlet Parts Exist at AFRC	N/A	Rf (Exempt)	No SDS Sheets - 10/17 (pulling these from database)	In Progress - Pressure System Info Received 11/6	Information Requested	Information Requested	Brushless or AC Motors	Required		
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	Required		
DACOM/LICOR	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	Required	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	Required	Received	
E-TILDAS	N/A	N/A	N/A	In Progress	N/A	SDS Sheets Received	Pressure System Schematics Received - Complete	Review upon arrival	UPS requires modification will be done before arrival	AC Motor	Required		
GT-CIMS	AFRC Sent Questions 11/7	Structures Team to Review Top Plate Assembly	Science Team Fabricating Top Plate	N/A	N/A	SDS Sheets Received	In work - Requested pressure test on relief valves	Information Requested - Previously Flown?	Information Requested	Information Requested	Required		
HR-AMS	N/A	N/A	N/A	Signed	Ion (Signed)	SDS sheets Received	In Progress - Schematics Received - Received Product Info from Manufacturer. Review upon delivery	No Changes.	Reviewed	Spark Test required on final inspection	Required		Spark Test
ISAF	Window Inlet Complete	Structures Reviewed Window Inlet - AAM Complete	In Work - AFRC	Complete	Rf Exempt	SDS sheets Received	No Changes from AEROMMA	No Changes from AEROMMA	N/A	No Changes from AEROMMA	Required	Received	
K-ACES (CAESAR-Blue)	N/A	N/A	N/A	N/A	N/A	SDS sheets Received	Schematics Received - In Progress	Reviewed	UPS Required Inspection prior to installation	No changes from KORUS-AQ	Required		Review what connector used for UPS
K-AMS	Window Inlet - In Work; Non-Standard Rack Mounted Equipment Photos	Structures team to review Window Inlet and Non-standard Rack Mounted	Window Inlet - In Work at AFRC; Science Team Fabricating Rack Mounted Equipment	N/A	Exempt	Received SDS	N/A	N/A	In progress - UPS switch status needed	All brushless/AC Motors	Required		
K-CCN	N/A	N/A	N/A	Complete - Will sign in person during Integration	Ion Signed	SDS sheets Received	N/A	Heater Built into COTS unit.	Information Requested	Brushless/AC motors	Required		
K-CIMS	Window Inlet Design Complete Reviewing rack mounted	Structures team to review Window Inlet and Non-standard Rack	Window Inlet Components in Work - AFRC	N/A	Ion (In Progress)	SDS sheets Received	Awaiting Pressure Test Results on Relief Valves	Information Requested	Information Requested	Information Requested	Required		
K-SP2-D/K-SMPS	N/A	N/A	N/A	In Progress	Ion (In Progress)	SDS Sheets Received	N/A	Heater Built into COTS unit.	Mod completed in US	Brushless Motors	Required		
K-SP2	N/A	N/A	N/A	In Progress	N/A	SDS Sheets Received	N/A	N/A	N/A	Brushless Previously Flown	Required		

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	Required		
LGR-AAT	Window Inlet, LGR Support Frame, Pump Plate - Design	Structures team will review Window Inlet, LGR Support	In Work - Window Inlet, LGR Support Frame, Pump Plate -	N/A	N/A	SDS Sheets Received	Awaiting Pressure System Schematics 10/29	In Progress - AFRC Support Required	N/A	Brushless Motors	Required		
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	Required		
MIRO	Inlet Design In Work - AFRC	Structures Team to Review Inlet	Blankoff plate and internal probe components to be fabricated by NSRC	Complete	N/A	SDS Sheets Received	Pressure System Schematics Received, Reviewed	Reviewed	N/A	Brushless or AC Motors	Required		Custom Distribution Box Requires Review. Thermotender requires inspection
NO _{xy} O ₃	Received Stress Report and CAD for the FO3 and NOxy Racks from Science	Structures Reviewed Stress Report - AAM Completed	N/A	N/A	N/A	SDS Sheets Received	In Review - Questions Sent to Instrument Team on 10/24	Awaiting Schematic (expected in next few days 10/31)	UPS ok	Brushless Motor	Required		
OPALS	Science Team Changing Laser Box Awaiting Design	Structures Team will review Laser Box Installation	Science Team Completing Fabrication of New Laser Box	Complete	N/A	No Changes	No Changes	No Changes	No Changes	No Changes	Required		
PTR-MS	N/A	N/A	N/A	N/A	Rf (Exempt)	No SDS Sheets - 10/17 (pulling these from database)	In Progress - Pressure System Info Received 11/6	Information Requested		Brushless or AC Motors	Required		
SAGA	N/A	N/A	N/A	N/A	N/A	SDS Sheets Downloaded	N/A	N/A	N/A	Previously flown	Required	Received	
TOGA	Window Inlet In Work - AFRC	Structures Team is Reviewing Window Inlet	In Work - Window Inlet - AFRC	N/A	N/A	SDS Sheets Received, Reviewed	In Progress - More Info Received 11/1 - Awaiting updated report that includes relief valves.	No Changes	New cells procured	Previously flown	Required		
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		