Specialized Environmental Chamber Test Complex
Test Request Worksheet

This worksheet will facilitate the development of a cost and schedule estimate for utilizing the Specialized Environmental Chamber Test Complex. Please complete this form and submit to the Laboratory Manager, michael.e.montz@nasa.gov

Test Requester Information

Test Article Expert:	Contact Information (Phone, E-mail, Address):

Test Objectives

Purpose of Test:	
Proposed Test Start Date:	Critical Test Start Date:

Test Article

Test Article Description:	
Physical Dimensions (L/W/H):	Weight:

Test Article Handling Requirements

Cleanliness Level:	Controlled Access:
Special Moving/Handling:	

Test Article Interface

Support Structure/Interface Points:	Orientation (fixed or moveable):
Mechanical Interface (fluids, operating pressure, flow, ventilation):	
Test Article Power Requirements (test article, support equipment, requester provided instrumentation):	

Test Environment

Complete the Test Environment table below or provide a plot of the test environment to be simulated.

Type	Minimum	Maximum	Ramp Rate	Tolerance	No. of Cycles
Pressure					
Temperature					
Termination Criteria:					
Hardware Functional (number, duration, description of functional to be performed):					

Instrumentation

Instrumentation Provided by Test Requester:
List the primary measurements to be made (temperature, pressure, time):

Data Acquisition and Recording

Number of Channels:	Audio/Video Recording (Yes/No):
Sampling Rates:	Photographic Film (Yes/No):
Real-Time Data Processing (Yes/No):	High Speed/Low Speed:
Data Handling Requirements (storage, delivery, format):	

Other Information

List any other information pertinent to the test:

Test Article Hazard Checklist

A hazard analysis statement is required for any of the following applicable attributes of any of your provided hardware (test article, support equipment).

Hazard	Y	N	Comments
Mechanical	☐	☐	
Handling (> 40 lb or > 4 ft, any dimension)	☐	☐	
Instability	☐	☐	
Sharp Edges	☐	☐	
Pinch Points	☐	☐	
Exposed Mechanisms (rotating, reciprocating)	☐	☐	
Pressure Systems	☐	☐	
Stored Energy (springs, weights, flywheels)	☐	☐	
Ejected parts, projectiles	☐	☐	
Electrical	☐	☐	
Voltage (> 50 volts)	☐	☐	
Batteries	☐	☐	
Generation/Storage (coils, magnets, capacitors)	☐	☐	
Electrostatic Sensitive Devices	☐	☐	

Hazard	Y	N	Comments
Thermal	☐	☐	
Hot Surfaces (> 113 °F, 45 °C)	☐	☐	
Heaters	☐	☐	
Cold Surfaces (< 39 °F, 4 °C)	☐	☐	
Cooling Devices	☐	☐	
Radiation	☐	☐	
Ionizing	☐	☐	
Non-Ionizing	☐	☐	
Laser	☐	☐	
Microwave	☐	☐	
Infrared (IR)	☐	☐	
Ultraviolet (UV)	☐	☐	
Radio Frequency (RF)	☐	☐	
Visible Light, High Intensity	☐	☐	
Material	☐	☐	
Uncontained Brittle Materials	☐	☐	
Test Environment Incompatibility	☐	☐	
Contained Fluids	☐	☐	
Toxic, Corrosive, Flammable Fluids	☐	☐	
Biohazards	☐	☐	
Miscellaneous	☐	☐	
Noise Level (> 85 dBA)	☐	☐	
Ultrasonic	☐	☐	
Pyrotechnics/Explosives	☐	☐	