Atmospheric Reentry Materials and Structures Evaluation Facility (ARMSEF)
Test Request Worksheet

This worksheet will facilitate the development of a cost and schedule estimate for utilizing the ARMSEF. Please complete this form and submit to the ARMSEF Laboratory Manager, steven.delpapa-1@nasa.gov

Test Requester Information

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

Test Objectives

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

Test Article

Test Article Description:	
Physical Dimensions (L/W/H):	Weight:
Test Article Surface Chemistry:	Number of Specimens:
Number of Test Conditions (conditions per test article/total conditions):	Type of Test (Steady State/Continuous):

Test Article Interface

Support Structure/Interface Points:
Orientation:

Test Environment

Complete the Test Environment table below for steady state conditions or provide a plot of the test environment to be simulated for a continuous environment.

Test Condition	Surface Temperature(F)		Surface Pressure (psf)		Cold Wall Heat Flux (BTU/ft^2-s)	Bulk Enthalpy (BTU/lbm)	Exposure Time (secs)
	Parameter	Tolerance	Parameter	Tolerance			
1							
2							
3							

* Data is only required in each column where the parameter is significant to your desired test environment.

Test Article Handling Requirements

Cleanliness Level:	Controlled Access:
Special Moving/Handling:	

Instrumentation

Instrumentation Provided by Test Requester:
List the primary measurements to be made (e.g., surface temperature, pressure, heatflux, duration in flow, flow velocity):

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: