



Appendix B-2 - K-1 Add-on Technology Experiment Questionnaire
External (Passive) Experiments (i.e., TPS, Advanced Structures, etc.)



Name of Experiment								
Experiment Description								
Technology Area								
Point of Contact	Name				E-mail			
	Phone							
Experiment Developer								
Desired Launch Date						K-1 Capability	Applicable FEDR Paragraph	
Desired # of Flights								
Experiment Properties	Weight (lbs)	Size (inches)			See FEDR	3.1.3		
		Length	Width	Height				
Thermal Requirement (Maximum)	deg F	Heating Rate (BTU/ft ² /sec)		Heat Load (BTU/ft ²)	See FEDR	3.1.4.1		
Number of Measurements	Temperature	Pressure	Strain	Other		~270 Channels	3.4	
Measured During Mission Phase	Pre-Launch	Launch	On-Orbit	Entry	Landing	See FEDR	2.2	
Desired Sample Rate	Enter Sample Rate _____ Hz				See FEDR	3.4		
Data Storage	MBytes _____				1.5 GB	3.4		
Telemetry	Yes	No	Kbits/sec required _____		Optional Service	3.6		
Desired Experiment Location in K-1						See FEDR	3.1.1	
Is Flight Experiment currently on contract?	Yes	No	Add comments below, if necessary.					
Flight Hardware Status?	New Concept		Under Construction		Built	Flown		
Additional Information (attach additional pages if necessary)								
Current Date (Month/Day/Year)								Press to Submit Completed Form to Kistler Aerospace
<i>This questionnaire will be used in the development of a preliminary Flight Manifest. The K-1 Flight Experiments Design and Requirements Document (FEDR) can be downloaded from http://www.kistleraerospace.com.</i>								Press to Reset Form