



Appendix B - K-1 Add-on Technology Experiment Questionnaire
Internal (Active) Experiments (i.e., Modular Avionics, IVHM, etc.)



Name of Experiment								
Experiment Description								
Technology Area								
Point of Contact	Name							
	Phone				E-mail			
Experiment Developer								
Desired Launch Date						K-1 Capability	Applicable FEDR Paragraph	
Desired # of Flights								
Experiment Properties	Weight (lbs)	Size (inches)			See FEDR	3.2.3		
		Length	Width	Height				
Thermal Requirement	Minimum		Maximum		°F °C	(15) to 120 F	3.2.4.6	
Pressure Requirement	Sealed		Vented			Vented (3.7 kPa/sec)	3.2.4.7	
Power	Voltage	±	V	Current	±	A	28 V DC	3.2.2.2
Powered During Mission Phase	Pre-Launch	Launch	On-Orbit	Entry	Landing	See FEDR	2.2	
Data Interface	1553 # of Ports		422 # of Ports		None	Monitor Only	3.2.2.2	
Data Rate	Kbits/sec		Mbits/sec		None	See FEDR	3.2.2.2	
Data Storage	MBytes					1500 MB	3.2.2.2	
Telemetry	Yes	No	Kbits/sec required			Optional Service	3.6	
Desired Experiment Location in K-1						See FEDR	3.2.1	
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			