

Module 4.4							
GROUND SPACE REQUIREMENTS							
Total Launch Area (sq ft) (1)	Primary Launchpad Launch Area	sq ft	12,000	sq ft	18,000	sq ft	18,000
	Concrete Pad	sq ft	10,000	sq ft	16,000	sq ft	16,000
	Retainment Wall Area	sq ft	N/A	sq ft	N/A	sq ft	N/A
BACKUP POWER REQUIREMENTS							
Generator Type	Gas Turbine, Diesel (gas), 1000	Power Type (kW)	1000	Power Type (kW)	1000	Power Type (kW)	1000
(kW) (1000kW)							
Power Provided by Utility Company, 1000							
Total Power (kW) (1000)							
Thermal Data & Environmental Specifications							
Type (kW)	Quantity (kW)	10 Power (kW) (1000)		1000 Power (kW) (1000)			
GROUND SPACE REQUIREMENTS							
Type	CPU	POWER	POWER	1000	1000/1000	1000/1000	
Manufacturer	General	POWER	General	POWER	General	General	
Model #	CPU	POWER, 1000-1000	General, 1000-1000	1000, 1000-1000	General, 1000-1000	General	
Dimensions (mm)	10" x 8" x 8"	10" x 8" x 8"	10" x 8" x 8"	10" x 8" x 8"	10" x 8" x 8"	10" x 8" x 8"	
Weight (kg)	10.0	10.0	10.0	10.0	10.0	10.0	
Location	General	General	General	General	General	General	
RAE Center ABL	N/A	100.0	100.0	100.0	100.0	100.0	
Top Height	N/A	100.0	100.0	100.0	100.0	100.0	
Base Height	N/A	100.0	100.0	100.0	100.0	100.0	
Mount Type	N/A	100.0	100.0	100.0	100.0	100.0	
Quantity	1	1	1	1	1	1	
Approximate # of Positions	N/A	100.0	100.0	100.0	100.0	100.0	
Cost, Per Approximate	N/A	100.0	100.0	100.0	100.0	100.0	
1000 Frequency Units	N/A	100.0	100.0	100.0	100.0	100.0	
TX Frequency	N/A	100.0	100.0	100.0	100.0	100.0	
FX Frequency	N/A	100.0	100.0	100.0	100.0	100.0	
Using Submerged Propagation?	No	No	No	No	No	No	
Antenna Size	N/A	10.0" x 10.0"	10.0" x 10.0" x 10.0"	10	10.0	10.0	
Total # of Units	N/A	1	1	1	1	1	
Individual Line Configuration	N/A	Qty 1 Type Code Standard 100' Case Approximate 100'	Qty 1 Type Code Standard 100' Case Approximate 100'	Qty 1 Type Code Standard 100' Case Approximate 100'	Qty 1 Type Code Standard 100' Case Approximate 100'	N/A	
Standard Configuration	N/A	N/A	N/A	N/A	N/A	Qty 1 Type Code Standard 100' Case Approximate 100'	