

Sagebrush Technology, Inc Aero 20 Application Matrix

Antenna Applications

Specification Requirement	Airborne Antenna	Marine or Ground Mobile Antenna	Ground Antenna
Payload			
Payload Volume	288 cubic inches	288 cubic inches	288 cubic inches
Weight	Up to 20 lbs	Up to 20 lbs	Up to 20 lbs
Dimensions	Up to an 8-10" Diameter, 8" deep	Up to an 8-10" Diameter, 8" deep	Up to an 8-10" Diameter, 8" deep
Operating Environment			
Radome Required	No	No	No
Rotary Joints	Not Supported	Not Supported	Not Supported
Maximum Airspeed	70 knots		
Maximum Operating Altitude	10,000 ft MSL		
Special Requirements			
Stabilization	1 to 5 milli-radians	1 to 5 milli-radians	1 to 5 milli-radians
Continuous Rotation	Customization Required	Customization Required	Customization Required
Inertially Balanced Payload	Required	Required	Required

Sensor Applications

Specification Requirement	Airborne Sensor	Marine or Ground Mobile Sensor	Ground Sensor
Payload			
Payload Volume	288 cubic inches	288 cubic inches	288 cubic inches
Weight	Up to 20 lbs	Up to 20 lbs	Up to 20 lbs
Dimensions	Up to an 8-10" Diameter, 10" deep	Up to an 8-10" Diameter, 10" deep	Up to an 8-10" Diameter, 10" deep
Operating Environment			
Sensor Housing Provided	Yes	Yes	Yes
Maximum Airspeed	70 knots		
Maximum Operating Altitude	10,000 ft MSL		
Special Requirements			
Stabilization	1 to 5 milli-radians	1 to 5 milli-radians	N/A
Continuous Rotation	Customization Required	Customization Required	Customization Required
Inertially Balanced Payload	Required	Required	Required