

## Sagebrush Technology, Inc. Sensors Application Matrix

### Aero 20

Specification Requirement	Airborne Sensor	Marine or Ground Mobile Sensor	Ground Sensor
<b>Payload</b>			
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
<b>Operating Environment</b>			
Sensor Housing Provided	Yes	Yes	Yes
Maximum Airspeed	70 knots		
Maximum Operating Altitude	10,000 ft MSL		
<b>Special Requirements</b>			
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

### Model 2

Specification Requirement	Airborne Sensor	Marine or Ground Mobile Sensor	Ground Sensor
<b>Payload</b>			
Payload Description			
Weight	Up to 3 lbs	Up to 3 lbs	Up to 3 lbs
Dimensions	5" long, up to 5.5" dia	5" long, up to 5.5" dia	5" long, up to 5.5" dia
<b>Operating Environment</b>			
Sensor Housing Provided	No - Gimbal is not weatherproof, requires see-through bubble or custom turret	No - Gimbal is not weatherproof, requires see-through bubble or custom turret	No - Gimbal is not weatherproof, requires see-through bubble or custom turret
Maximum Airspeed	Gimbal cannot be in the airstream		
Maximum Operating Altitude	15,000 ft Unpressurized, Unlimited Pressurized		
<b>Special Requirements</b>			
Stabilization	Customization Required	Customization Required	N/A
Continuous Rotation	Customization Required	Customization Required	Customization Required
Inertially Balanced Payload	Required	Required	

## Sagebrush Technology, Inc. Sensors Application Matrix

### Model 20 Stepper

Specification Requirement	Airborne Sensor	Marine or Ground Mobile Sensor	Ground Sensor
<b>Payload</b>			
Payload Description			
Weight	Up to 10 lbs per side	Up to 10 lbs per side	Up to 10 lbs per side
Dimensions			
<b>Operating Environment</b>			
Sensor Housing Provided	No	No	No
Maximum Airspeed	Gimbal cannot be in the airstream		
Maximum Operating Altitude	15,000 ft Unpressurized, Unlimited Pressurized		
<b>Special Requirements</b>			
Stabilization	Not Available	Not Available	N/A
Continuous Rotation	Not Available	Not Available	Not Available
Inertially Balanced Payload	Required	Required	Required
Required Options	4"-Pan Bearing option recommended for some applications	4"-Pan Bearing option recommended for some applications	

### Model 20 Servo

Specification Requirement	Airborne Sensor	Marine or Ground Mobile Sensor	Ground Sensor
<b>Payload</b>			
Payload Description			
Weight	Up to 10 lbs per side	Up to 10 lbs per side	Up to 10 lbs per side
Dimensions			
<b>Operating Environment</b>			
Sensor Housing Provided	No	No	No
Maximum Airspeed	Gimbal cannot be in the airstream		
Maximum Operating Altitude	15,000 ft Unpressurized, Unlimited Pressurized		
<b>Special Requirements</b>			
Stabilization	Available Option	Available Option	N/A
Continuous Rotation	Customization Required	Customization Required	Customization Required
Inertially Balanced Payload	Required	Required	Required
Required Options	4"-Pan Bearing option recommended for some applications	4"-Pan Bearing option recommended for some applications	

**Sagebrush Technology, Inc.**  
**Sensors Application Matrix**

**Model 25**

Specification Requirement	Airborne Sensor	Marine or Ground Mobile Sensor	Ground Sensor
<b>Payload</b>			
Payload Description			
Weight	Up to 18 lbs per side	Up to 18 lbs per side	Up to 18 lbs per side
Dimensions			
<b>Operating Environment</b>			
Sensor Housing Provided	No	No	No
Maximum Airspeed	Gimbal cannot be in the airstream		
Maximum Operating Altitude	15,000 ft Unpressurized, Unlimited Pressurized		
<b>Special Requirements</b>			
Stabilization	Available	Available	N/A
Continuous Rotation	Available Option	Available Option	Available Option
Inertially Balanced Payload	Recommended	Recommended	Recommended

**Model 30 Worm Drive**

Specification Requirement	Airborne Sensor	Marine or Ground Mobile Sensor	Ground Sensor
<b>Payload</b>			
Payload Description	Not Recommended		
Weight		Up to 40 lbs	Up to 40 lbs
Dimensions		Up to 12" Wide	Up to 12" Wide
<b>Operating Environment</b>			
Sensor Housing Provided		No	No
<b>Special Requirements</b>			
Stabilization		Not Available	N/A
Continuous Rotation		Available Option	Available Option
Inertially Balanced Payload		Recommended	Recommended

**Model 30 Roto-Lok**

Specification Requirement	Airborne Sensor	Marine or Ground Mobile Sensor	Ground Sensor
<b>Payload</b>			
Payload Description	Not Recommended		
Weight		Up to 40 lbs	Up to 40 lbs
Dimensions		Up to 12" Wide	Up to 12" Wide
<b>Operating Environment</b>			
Sensor Housing Provided		No	No
<b>Special Requirements</b>			
Stabilization		Available Option	N/A
Continuous Rotation		Customization Required	Customization Required
Inertially Balanced Payload		Recommended	Recommended