Resonon Airborne Systems

Technical Information Form

* required fields

There are many details involved in Airborne Hyperspectral systems. The following questions will allow us to develop the best possible configuration and solution to your needs. Please fill out as much as possible.

Customer contact information

Name *	
Email *	
Business or institution name	
Phone number	

Application *

To the extent possible, please describe the application or the size shape and general characteristics of the features you are imaging.

Total Area to be scanned per flight (i.e. sq. Kms)

Spectral Range (NIR - 900 to 1700 nm US only; Pika II - 400-900 nm all other countries)

Spectral resolution (minimum spectral resolution 2.1 nm over 400 to 900 nm range; 5.4 nm over 900 to 1700nm range

Spatial resolution (size and shape of smallest object of interest)

Desired georectification accuracy (acquired image vs. actual GPS location)

Units Radiance or Reflectance (calibration of radiance is an additional charge)

Aerial Platform (Hardware)

Manned or UAV (Unmanned Aerial Vehicle)	
Cruise Speed (specify units km/hr or mi/hr)	
Stall Speed (specify units km/hr or mi/hr)	
Aircraft imaging altitude Max and Min (m or ft)	
Payload capacity (specify lbs or kg)	
Autopilot	
Picolo - Resonon can interface	Y/N
Or specify Autopilot used	

Power source (if available please describe - voltage, current, etc.)

Additional specifications

Maximum acceleration (landing and Takeoff)	
Vibration maximum (g's / s)	
Min Temperature (deg)	
Max Temperature (deg)	
Maximum relative humidity (%)	

Budget

Expected project fly date	
Total project budget	

Other concerns