Telemetry Worksheet

The following questionnaire is provided to assist Aero Telemetry and you in determining the final system configuration required for your telemetry application.

**GENERAL PARAMETERS**

Data Rate and Bandwidth Required:

Type of Data (circle one)
- TTL
- RS-232
- Other:

Is Video Required? (circle one)
- Yes
- No

Specify Modulation Required (circle one)
- FM
- QPSK
- BPSK
- PCM
- FSK
- Other:

**AIRBORNE VEHICLE PARAMETERS**

Specify Type of Flight Vehicle:

Distance from Air Vehicle to Receive Site in Miles:
- Min:
- Max:

Communication Path (circle one)
- Line of Sight
- Beyond Line of Sight
- Cross-Continent
- Upper Atmosphere

Flight Range Topographical Environment (circle one)
- Mountains
- Desert
- Flat Land
- Over Water
- Hills
- Other:

Single Frequency or Synthesized? (circle one)

Preferred Frequency of Data Link:

Power Available (circle one)
- 120 VAC
- 12 VDC
- 28 VDC
- Other:

**GROUND STATION PARAMETERS**

Maximum Climb or Decent Angle of Vehicle:

Describe Location of Receive or Tracking Site:

Altitude of Ground Station (MSL):

Ground Station Antenna Placement (circle all that apply)
- Tower
- Pole
- Roof Top
- Concrete Slab
- Mobile Trailer
- Man-Portable
- Airborne
- Shipboard
- Other:

Power Available (circle one)
- 120 VAC/60 Hz
- 240 VAC/50 Hz
- 12 VDC
- 28 VDC

Probability of Acquisition Required: (typically 95%)

Is Remote Control of Antenna And Receiver Required? (circle one)
- Yes
- No

Is Tracking Antenna Required? (circle one)
- Yes
- No

Is Video Camera on Tracking Antenna Required? (circle one)
- Yes
- No