Appendix 1

6th sense

## ASR Pre Launch Form

This form must be turned in at time of tethered launch (get as much done as possible) and also 2 days prior to space launch (all must be completed although can still space launch if some of the non FAA required parts of this document are not working.

	nent are not working.
	le all data and graphs as appendices with this cover sheet. There must be evidence ed for the statements below.
1.	Experiment and data taking is proven to work down to Temperature ofC
2.	Experiment and data taking is proven to work down to Pressure ofkPa
3.	During launch, expected lows for TemperatureC and low PressurekPa
4.	Weight of Payload 1.35 kg 16,
5.	Meets density requirement of FAA
6.	Line from parachute to payload breaks under 50 lb. of forceyesXno
7.	Cut down mechanism has been proven to work at set triggerXyesno
r ·	Explain how triggered  -1.5 h elapse d  -temp under -10°C  -temp under -10°C  met 10  times
	Explain Redundancy requirements
cl	1) criteria hed
1.	La read 10 dimer

your data while undergoing shaking at different frequencies).  Payload was monuelly shaken
9. GPS Tracking has been proven to work. GPS data is recorded to a disc (either same as rest of data or a separate one. Explain below.    Disc APRS and Venus GPS from smith   Venus GPS recorded to SPS
diagram of how it works.  Werks with offence for.  Audio can be electly  here on  shere of the signer of the signer of the shere of the
Multiple tests at school and in denteun
Multiple tests at school and in dentanne Polo Alto were ron until the team manged
to censistently find the Paybook
12. Range of communication has been tested to
Line of sight =m Obstructed view =m  no reneg with whip
13. Backup tracking system* has been proven to work. Comment below  Venus GPS + Digither 9x Tend - base station  from sciences
14. Cut down mechanism has been proven to work upon given a signal  yesno
works ulprepregenmed signed
FAA requirements regarding payload:  (i) Carries a payload package that weighs more than four pounds and has a weight/size

8. Shaker Table Test has been performed with payload (include several graphs of

- (i) Carries a payload package that weighs more than four pounds and has a weight/size ratio of more than three ounces per square inch on any surface of the package, determined by dividing the total weight in ounces of the payload package by the area in square inches of its smallest surface;
  - (ii) Carries a payload package that weighs more than six pounds;
  - (iii) Carries a payload, of two or more packages, that weighs more than 12 pounds; or
- (iv) Uses a rope or other device for suspension of the payload that requires an impact force of more than 50 pounds to separate the suspended payload from the balloon.