



Sample CanSat Team

The purpose of the Pre-Launch Report (PLR) is to demonstrate the CanSat's flight readiness and compliance, as well as to outline any changes made since the Critical Design Review (CDR): overall max. 6 pages, language – English.

1 Checklist

T/M = Tested of Measured; SM = Secondary Mission;
CF = Carrier Frequency; GND = ground station

Parameter	Expected Value or Range	T/M Value	Pass / Fail
Height	114-115 mm		
Diameter	65-66 mm		
Closed parachute height	max. 45 mm		
Mass	300-350 g		
Operating time on battery	min. 4 h		
Kill Switch	accessible without disassembly	-	
Parachute static test	min. 50 N		
Descent rate	5-12 m/s		
Acceleration force	20 g		
Overall Cost / Cansat	max. 500 EUR		
Radio link (distance) test	min. 2 km		
CF	e.g. 864-868 MHz		
CF changeable	-	-	
SM can be evaluable on-site	-	-	
CanSatKit used	yes or no	-	
Ready-to-y Cansat	min. 1		
Ready-to-operate GND	min. 1		

Table 1: PLR Checklist

2 Summary

2.1 Primary Mission

2.2 Secondary Mission

2.3 Ground Station

2.4 Testing

3 Photos

1. Ready-to-fly, fully assembled CanSat,
2. ready-to-operate GND,
3. size measurement,
4. mass measurement,
5. opened + closed parachute,
6. parachute test,



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7. kill switch mechanism,
8. method of changing CF.

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