

2U CubeSat Acceptance Checklist

Project:

Date/Time:

Engineers:

Organization:

Location:

Satellite Name:

Satellite S/N:

Revision Date: 02/20/2014

Mass (< 2.66 kg) _____

RBF Pin ($\leq 6.5\text{mm}$) _____

Spring Plungers (Depressed)

Functional Y / N
Flush with Standoff Y / N

Rails Anodized

Y / N

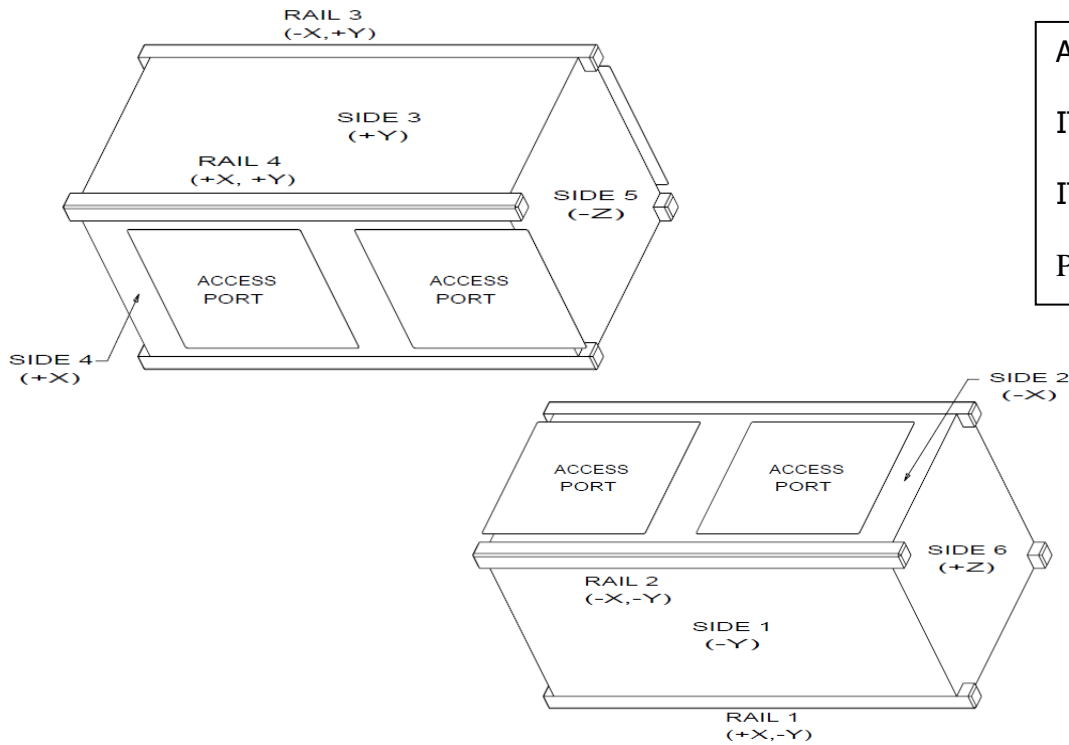
Deployment Switches (Depressed)

Functional Y / N
Flush with Standoff Y / N

Deployables Constrained

Y / N

Mark on the diagram the locations of the RBF pin, connectors, deployables, and any envelope violations.



Authorized By:

IT #1: _____

IT #2: _____

Passed: Y / N

List Item	As Measured					Required
Width [x-y]	Side 1 (-Y)	Side 2 (-X)	Side 3 (+Y)	Side 4 (+X)		
+Z	_____	_____	_____	_____		100.0 ± 0.1mm
Middle	_____	_____	_____	_____		100.0 ± 0.1mm
-Z	_____	_____	_____	_____		100.0 ± 0.1mm
Height [x-y]	Rail 1 (+X, -Y)	Rail 2 (-X, -Y)	Rail 3 (-X, +Y)	Rail 4 (+X, +Y)		227.0 ± 0.2mm
	_____	_____	_____	_____		
	Rail 1 (+X, -Y) length x width	Rail 2 (-X, -Y) length x width	Rail 3 (-X, +Y) length x width	Rail 4 (+X, +Y) length x width		
+Z Standoffs	____ x ____	____ x ____	____ x ____	____ x ____		≥ 6.5mm
-Z Standoffs	____ x ____	____ x ____	____ x ____	____ x ____		≥ 6.5mm
Protrusions	Side 1 (-Y)	Side 2 (-X)	Side 3 (+Y)	Side 4 (+X)	Side 5 (-Z)	Side 6 (+Z)
	_____	_____	_____	_____	_____	_____
						≤ 6.5mm

3U CubeSat Acceptance Checklist

Project:

Date/Time:

Engineers:

Organization:

Location:

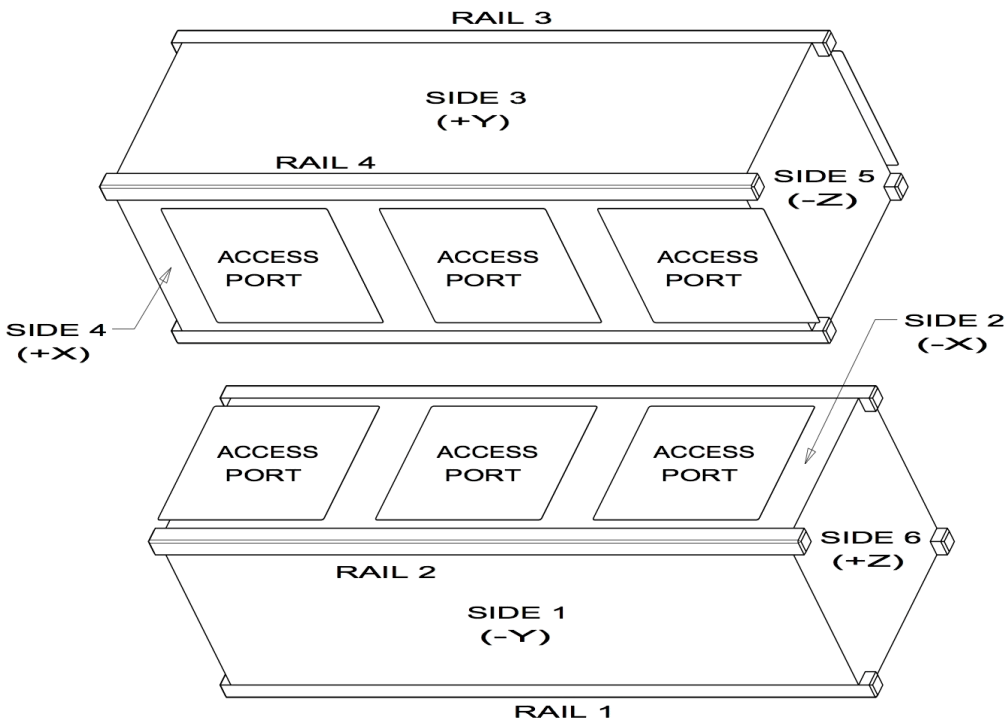
Satellite Name:

Satellite S/N:

Revision Date: 02/20/2014

Mass (< 4.00 kg)	_____	RBF Pin ($\leq 6.5\text{mm}$)	_____
Spring Plungers (Depressed)	Functional Y / N Flush with Standoff Y / N	Rails Anodized	Y / N
Deployment Switches (Depressed)	Functional Y / N Flush with Standoff Y / N	Deployables Constrained	Y / N

Mark on the diagram the locations of the RBF pin, connectors, deployables, and any envelope violations.



Authorized By:

IT #1: _____

IT #2: _____

Passed: Y / N

List Item	As Measured					Required
Width [x-y]	Side 1 (-Y)	Side 2 (-X)	Side 3 (+Y)	Side 4 (+X)		
+Z	_____	_____	_____	_____		100.0 ± 0.1mm
Middle	_____	_____	_____	_____		100.0 ± 0.1mm
-Z	_____	_____	_____	_____		100.0 ± 0.1mm
Height [x-y]	Rail 1 (+X, -Y)	Rail 2 (-X, -Y)	Rail 3 (-X, +Y)	Rail 4 (+X, +Y)		340.5 ± 0.3mm
	_____	_____	_____	_____		
	Rail 1 (+X, -Y) length x width	Rail 2 (-X, -Y) length x width	Rail 3 (-X, +Y) length x width	Rail 4 (+X, +Y) length x width		
+Z Standoffs	____ x ____	____ x ____	____ x ____	____ x ____		≥ 6.5mm
-Z Standoffs	____ x ____	____ x ____	____ x ____	____ x ____		≥ 6.5mm
Protrusions	Side 1 (-Y)	Side 2 (-X)	Side 3 (+Y)	Side 4 (+X)	Side 5 (-Z)	Side 6 (+Z)
	_____	_____	_____	_____	_____	_____
						≤ 6.5mm

3U+ CubeSat Acceptance Checklist

Project: _____

Date/Time: _____

Engineers: _____

Organization: _____

Location: _____

Satellite Name: _____

Satellite S/N: _____

Revision Date: 02/20/2014

Mass (< 4.00 kg) _____

RBF Pin ($\leq 6.5\text{mm}$) _____

Spring Plungers (Depressed)

Functional Y / N
Flush with Standoff Y / N

Rails Anodized

Y / N

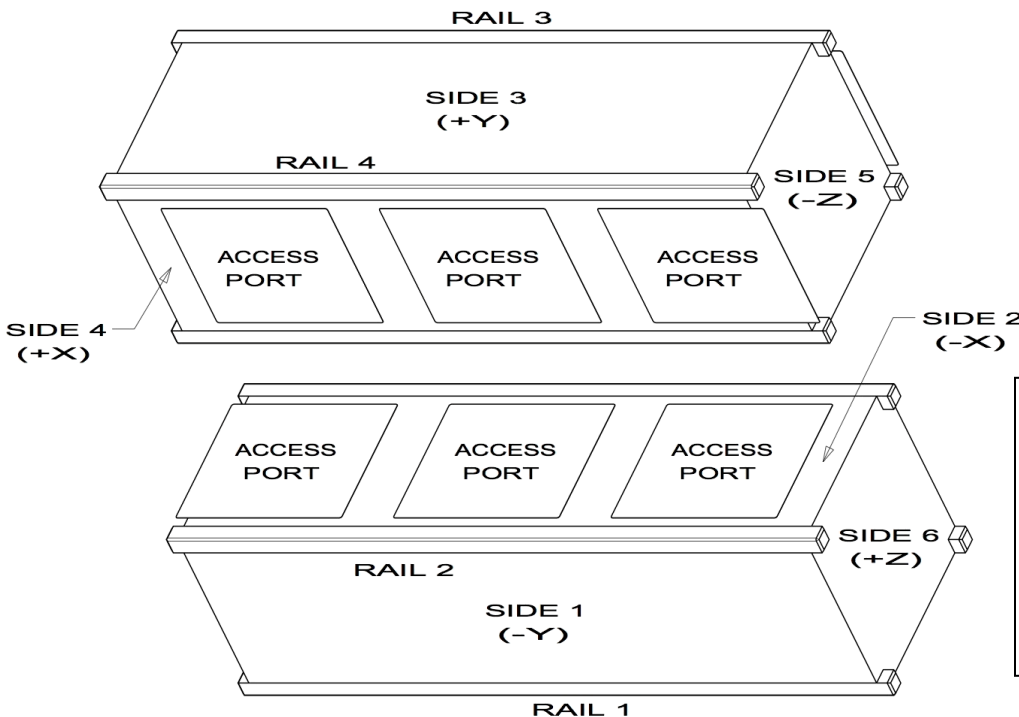
Deployment Switches (Depressed)

Functional Y / N
Flush with Standoff Y / N

Deployables Constrained

Y / N

Mark on the diagram the locations of the RBF pin, connectors, deployables, 3U+ Protrusion, and any envelope violations.



Authorized By: _____

IT #1: _____

IT #2: _____

Passed: Y / N

3U+ Volume

Length (Z): _____ $\leq 36\text{mm}$

Diameter: _____ $\leq 64\text{mm}$

3U+ Centered: Y / N

List Item	As Measured					Required
Width [x-y]	Side 1 (-Y)	Side 2 (-X)	Side 3 (+Y)	Side 4 (+X)		
+Z	_____	_____	_____	_____		100.0 ± 0.1mm
Middle	_____	_____	_____	_____		100.0 ± 0.1mm
-Z	_____	_____	_____	_____		100.0 ± 0.1mm
Height [x-y]	Rail 1 (+X, -Y)	Rail 2 (-X, -Y)	Rail 3 (-X, +Y)	Rail 4 (+X, +Y)		340.5 ± 0.3mm
	_____	_____	_____	_____		
	Rail 1 (+X, -Y) length x width	Rail 2 (-X, -Y) length x width	Rail 3 (-X, +Y) length x width	Rail 4 (+X, +Y) length x width		
+Z Standoffs	_____ x _____	_____ x _____	_____ x _____	_____ x _____		≥ 6.5mm
-Z Standoffs	_____ x _____	_____ x _____	_____ x _____	_____ x _____		≥ 6.5mm
Protrusions	Side 1 (-Y)	Side 2 (-X)	Side 3 (+Y)	Side 4 (+X)	Side 5 (-Z)	Side 6 (+Z)
	_____	_____	_____	_____	_____	_____
						≤ 6.5mm