



## SKYLOTEC POWER ASCENDER FIELD TEST

Team	Date:
Team Member	

**Demerit: 2 demerits for each omission**

For Failure to:	Demerit
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### *Ascender Inspection:*

1	Check General Condition of Ascender (cracks, wear and damage)	
2	Check battery connector pins on the ascender: - Clean and no damage - Rubber sealing rings should be present, lubricated and clean of dirt	

### *Battery Inspection:*

3	Ensure the correct Skylotec TCX battery to be installed	
4	Pressure valve is present and not loose	
5	No damage to battery housing	
6	Connector pins clean and not damaged	
7	Battery charged	
8	Battery strap is present	
9	Slide the battery on to the ascender and ensure it locks into position	

### *Visual inspection of the ascender:*

10	Check the rope guide for damage, deformation or sharp edges	
11	Check wear indicator, this should be completely intact	
12	Check the rope cover by opening and closing it, ensure the lock mechanism functions easily	
13	Check the rope cover for deformation, excessive wear or any sharp edges	



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14	Check the rope wedge for deformation or any visible damage	
15	Check the rope grab is clean of dirt and debris and that the inside is not damaged, worn or has sharp edges	
16	Check the connector sling for wear, discolouration or damage such as cuts, abrasions and contaminants	
17	Inspect the condition of the titanium sling bolt and carabiner loop	
18	Inspect the carabiner for wear, damage, deformation and that it opens and locks correctly	

### *Controls Check:*

19	Switch the ascender on and wait for full activation (LED turns green)	
20	Move the throttle in both directions and ensure that the rope grab turns smoothly in both directions	
21	Check that the emergency descent works correctly. The lever should return to neutral after being pulled and released	

### *Remote Control:*

22	Turn on remote and wait for connection between the ascender and remote	
23	Press either UP or DOWN button on the remote, the ascender LED will turn BLUE	
24	Press and hold either UP or DOWN button on the remote to activate the ascender	
25	Switch off the remote	

### *Shutdown:*

22	Turn the ascender off	
23	Remove the battery	
23	Repack and report results to captain	

Total Demerits:

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Signature of Judge

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