

SUPPLEMENT 4. PRE-FLIGHT INSPECTION CHECKLISTS

1. ENVELOPE PRE-FLIGHT INSPECTION CHECKLIST

<i>Pre-flight inspection checklist (envelope)</i>		
Envelope Component	Criteria	Pass (✓) / Fail (x)
Crown line	Check for damage or wear.	
Crown ring	Check for damage and corrosion	
Vertical tapes	Check turnbacks at crown ring	
	Check gates at any intersection with other tape	
	Check tapes for any damage or burnt	
	Check tape protectors and turnbacks at flying cables	
Horizontal tapes	Check parachute edge tape	
	Check all horizontal tapes at envelope	
	Check mouth tape	
Fabric panels	Check for damage or holes	
	Check porosity	
	Check any sign of overheating	
	Check joints and stitching	
Loops	Check for damages	
Centralizing lines	Check for damage or abrasion	
Control lines	Check for damage or abrasion	
Pulleys	Check for damage or malfunction	
Rings	Check for corrosion or abrasion	
Temp. sensor	Check if installed and in good condition	
Temperature tag	Check for overheating	
Flying cables	Check for damage or corrosion	
Karabiners	Check for corrosion or malfunction	
Repairs	Check all repairs are done according to Maintenance Manual	
Velcros	Check suitability and condition (special shapes may have additional velcros at appendixes)	

2. BASKET PRE-FLIGHT INSPECTION CHECKLIST

<i>Pre-flight inspection checklist (basket)</i>		
Basket Component	Criteria	Pass (✓) / Fail (✗)
General	Check the general condition of the basket for any damage.	
Wires	Ensure that the basket wires are free of damage and twists.	
Load frame	Ensure that the load frame and poles fit correctly and are free of damage.	
Karabiners	Ensure that the attachment points are secure and that all karabiners are screwed locked.	
Fire extinguisher	Check for the presence of a fire extinguisher in state of readiness.	
Cylinder straps	Check that cylinder straps are in place and cylinders are secured.	

3. BURNER PRE-FLIGHT INSPECTION CHECKLIST

<i>Pre-flight inspection checklist (burner)</i>		
Burner Component	Criteria	Pass (✓) / Fail (✗)
General	Check the general condition of the burner for any sign of damage.	
Valves	Ensure that all valves are working properly and closing after usage. Check no leak is advertised.	
Jets	Ensure that no jet is blocked when valve is actuated.	
Coil	Ensure that no damage is present at burner coil.	
Pressure gauge	Check for the presence of fuel gauge and marking is according to expected values of fuel pressure.	
Fuel hose	Check that no damage is advertised at fuel hose.	

4. FUELCELL PRE-FLIGHT INSPECTION CHECKLIST

Reserved.