

**Integrated Safety Checklist for ISS Cargo
At Launch or Processing Sites**

			1. Site Tracking Number:
2. Flight/Mission:	3. Ground Processing Location:	4. Hardware Name:	5. Part Number:
6. Brief description of hardware (continue in Block 19, if necessary):			
<i>Processing or Launch Site Safety Review Questions</i>			
A YES answer to any of the following questions <u>MAY</u> require submission of a Safety Data Package. Final determination will be made by the Safety Approving Authority upon review of the checklist. (Provide an explanation of a yes answer to any of the following questions in the remarks block 19 on page 2.)			
			Yes / No
7. Is the hardware launched in an unpressurized environment?			
8. Is the hardware mounted on the vehicle by a dedicated method such as unique attachment fittings?			
9. Does the Hardware require ground processing at the processing site or launch facility other than stowage into the vehicle? (i.e. inspection, fluid servicing, testing, lifting, etc.)			
10. Does the hardware contain potentially hazardous materials such as: chemicals, microorganisms, or biological? Provide hazard, toxicity codes, and/or MSDS (MSDS for US Sites Only), as applicable.			
11. Does the Hardware require any unique Ground Support Equipment (GSE) provided by the Hardware developer to process the flight hardware at the processing site or launch facility? (NOTE: If Yes, see instructions for COTS GSE)			
12. Can ground personnel be exposed to excessive surface touch temperatures (less than 0°C or greater than 45°C) from the flight hardware or GSE?			
13. Does hardware weigh over 24kg/52lbs for ATV; 20kg/44lbs for HTV; 22.5kg/50lbs for KSC? (NOTE: If yes, see instructions)			
14. Can ground personnel be exposed to sharp edges, protrusions, or moving parts from the hardware or any GSE?			
15. Does the hardware contain any ionizing (e.g. radioactive material) or non-ionizing radiation source (laser, RF Transmitter)? A yes answer will require submittal of a safety data package.			
16. Does the hardware or its GSE contain any stored energy (i.e., mechanical, pressure, electrical (including batteries)]?			
17. Could ground personnel be exposed to voltages in excess of 30 volts AC or DC during nominal maintenance or ground handling of the hardware?			

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18. Has the item completed or has scheduled the appropriate final Flight Safety Review (For HTV and KSC processing only)?	
19. Remarks: (Specific to HTV ONLY: Provide additional explanations and describe compliance with JMR-002 if "Yes" is entered for the above questions. Attach appropriate data such as ISS safety data (e.g. Form 906, SDP) as necessary.)	

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Statement of Compliance

(select appropriate statement(s) for the site(s) where ground processing operations will be performed)

- For ATV:** The Cargo provider hereby certifies that the hardware/GSE complies with all the applicable requirements of ESA-ATV-PR-13830 and ESA-ATV-1700.7b.
- For HTV:** The Cargo provider hereby certifies that the hardware/GSE complies with all applicable technical requirements of JMR-002.
- For KSC:** The Cargo provider hereby certifies that the hardware complies with all applicable requirements of KNPR 8715.3, Chapter 20.

Cargo Item Provider Organization:		
Print Name:	Signature:	Date:
Phone Number:	Fax Number:	Electronic Mail Address:

Send to:

ATV Cargo Integration Engineer ESTEC, ESA	HTV Cargo Integrator Tsukuba Space Center, JAXA	NASA/SA-B Ground Safety Review Panel Kennedy Space Center, FL 32899
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CSG Sauvegarde Manager / ESA PSRP Chairman / JAXA SSRP Chairman /
NASA GSRP Chairman:

Signature:	Date:
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INSTRUCTIONS FOR COMPLETION

This form is for use on ISS Cargo that meets the criteria defined by the appropriate site. If the form is approved by the Safety Approving Authority, such signature completes the safety review process. If the form is not approved, then the Hardware Provider will comply with the process determined by the Safety Approving Authority.

Safety Approving Authority – The Organization identified in the signature blocks as approving the form for its location.

Block:

1. For use by the Launch or Processing Site
2. Self-Explanatory
3. Enter CSG, KSC, TNSC as appropriate
4. Self-Explanatory
5. Self-Explanatory (NOTE: This block contains the primary information used to track the hardware by the site.)
6. Self-Explanatory
7. Self-Explanatory
8. Self-Explanatory
9. Self-Explanatory
10. Self-Explanatory
11. Self-Explanatory. If Yes; provide the following data in Block 19 for Commercial-Off-The-Shelf Ground Support Equipment:
 - a. Has it been modified from its original design/operation?
 - b. Is it being used within its intended parameters?
 - c. State what national standard or testing organization was used (e.g. UL, CSA, etc.).
12. Self-Explanatory
13. If Yes; describe the method by which the hardware shall be moved.
14. Self-Explanatory
15. If Yes, do NOT submit this form
16. Self-Explanatory
17. Self-Explanatory
18. For HTV and KSC processing only
19. Provide explanations for any “Yes” answers in Blocks 6 – 18. Observe the additional NOTE for HTV.