

Requirements for Packaging, Handling, and Transportation for Aeronautical and Space Systems, Equipment, and Associated Components

1. Are there any special documented requirements addressing special handling, packaging, and shipping that needs to be attached to the packing list for this item(s)? A copy of the information is to be attached and specified in block 25 of the 290 prior to submitting.

Yes No
2. Does the item(s) identified on the 290 require clean room isolation? If yes, identify what cleanliness level (GC, VC, UV-VC, and types of Precision cleaned 100A, 200A, etc.) and specify the requirement document (e.g., SN-C-0005, D683-10450-1, other). If not a NASA document, a copy must be attached to the 290.

Yes No
3. Is the item(s) identified on the 290 "Electrostatic Discharge" (ESD) sensitive?
IS THE HARDWARE PACKAGED CORRECTLY FOR ESD SENSITIVITY?

Yes No
4. Does the item(s) identified on the 290 contain any hazardous chemicals or materials? If yes, identify the type of chemicals or materials and provide the Material Safety Data Sheet for each item.

Yes No

 - a. Does the item(s) listed contain any explosive or pyrotechnic material? If yes, provide the classification and net weight of each item.

Yes No
 - b. Does the item(s) contain batteries. If yes, identify the type of battery?

Yes No
 - c. If the item(s) contains Lithium-Ion, Lithium Metal or Lithium Alloy, provide the total Lithium content or Lithium-equivalent per battery (grams).

Yes No
 - d. Does the item contain any radioactive materials? (This includes any hazardous radioactive material embedded in the item). If yes, provide a completed JSC Form 1625, "Radioactive Material Transfer Receipt." Ensure the item(s) are identified with the radiation symbols and clearly mark with the label(s) as shown in question 10.

Yes No
 - e. Does the item(s) contain any compressed pressure systems (e.g. cylinders)? If yes, identify the types of fluid or gas contained if the system and if gas, what is the pressure.

Yes No
 - f. Does the item contain any biological specimens? If yes, please identify, describe, and add the MSDS telling what to do in case of a spill, puncture, or rupture?

Yes No
5. Does the item(s) require any special temperature or humidity control in its handling, packaging, or shipping? If yes, please identify and provide the following information in Fahrenheit:

Yes No

Minimum temperature: _____
Maximum temperature: _____

Minimum humidity: _____
Maximum humidity: _____

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6. Are the item(s) perishable? If yes, identify, describe: Yes No
7. Does this item(s) require protection from exposure to the elements? If yes, identify. Be sure to change the "revision date" of this form. Yes No
8. Does this item(s) require special monitoring equipment (e.g. shock, humidity, vibration, or temperature sensors)? If yes, identify the type and duration of monitoring required? Yes No
9. Does this item(s) require any unique labeling and if yes, please check/verify appropriate label(s) to be used: Yes No
- NASA CRITICAL SPACE ITEM: HANDLE WITH CARE
 - DELICATE INSTRUMENT: HANDLE WITH CARE
 - THIS END UP
 - FRAGILE LIQUID IN GLASS: HANDLE WITH CARE
 - FRAGILE LIQUID IN PLASTIC: DO NOT CUT
 - PERISHABLE RUSH
 - FRAGILE
 - SMALL PARTS ENCLOSED
 - ELECTROSTATIC DISCHARGE CONTROL REQUIREMENTS
 - CLEANLINESS
 - DO NOT X-RAY
 - LIMITED SHELF LIFE ITEMS - PROCESS IMMEDIATELY
 - CONTROLLED ENVIRONMENT
 - BIOLOGICAL SPECIMENS
 - TEMPERATURE/HUMIDITY
 - RADIOACTIVE MATERIAL
 - CONTAINS HIGH PRESSURE
 - DO NOT FREEZE
 - OTHER

Printed Name	Mail Code	Signed Name	Date Signed	Phone Number	Cell Phone Number
J. D. Roberts	EA/JE-3EA		08/31/07	281-461-5109	

Johnson Space Center Export Control Request and Approval Worksheet

Date of Request 08/31/07

Reference Number

EA-07-245-001

Directions: At least 90 days prior to exporting hardware, software or data to a foreign national, submit this form to your Export Control Representative

SECTION 1 (complete for all exports)

Date of Export: 9/1/07

Requested by: Michael Fohey

Org/Company: EAI / Jacobs Sverdrup

Phone Number: (281) 461-5684

Email: michael.fohey@escg.jacobs.com

Fax: (281) 461-5926

General description of export (spell out acronyms) Mat. Socket Weld Flange

Is this a temporary export? Yes No If yes, when will it be returned? 12/01/07

What requirement or agreement do we have with the foreign national to provide this export? JSC28792, Rev. D; AMS Integration Plan JSC63123

For what purpose it is being exported (what is the end-use)? Assembly into AMS-02 hardware. Contact: Sun Yan, Tel:86-21-64746541, Fax:86-21-64339683

To whom is it being exported? (or attach ProForma invoice) Shanghai Eastern Scien-Tech Machinery IE Ltd., 443 Jian Guo Rd (W), Shanghai, CHINA

What program does this export support? Alpha Magnetic Spectrometer (AMS) - 02 Date denied parties/entities list checked: 8/31/07

Type of export (mark all that apply):

- Hardware
- Software
- Data
- Information via discussions

(if you checked hardware or software, please attach a completed ProForma Invoice -)

Method of export (mark all that apply):

- Discussion
- JSC Transportation Office
- Hand carry
- JSC Mail Room
- Electronic
- Other

SECTION 2

Export Classification EAR99/NLR

Classification rationale Mat. Socket Weld Flange required for assembly into AMS flight hardware. Classification per memo from NASA HQ/UM to JSC/OZ2, dated 3/28/02.

Status of AMS compliance with U.S. Export Regulations.

SECTION 3

Approvals

Stephen Lankin

Export classifications for this shipment were determined by

Stephan Lankin

Signature of Export Control Official (ECR or CEA)

8/31/07

Date

8/31/07

Date

(281)483-8264

Phone

(281) 483-8264

Phone

ES T Approval (req'd for use of export license and license exemption/exception only) Date

Phone

* HQ Approved per Skip Murphy