

# JSC SHIPPING DOCUMENT

1. Originator (Name, Org. Code, Phone) **JD Roberts, EA, 281-461-5109** 2. Date Prepared **05/21/07**

3. Building **421** Room **Bond** 4. Contact and Phone **Alfredo Cavallo, 281-483-0287**

5. Status of Items  
 Transfer to Other NASA Center  
 Test and Return  
 Replacement or Credit  
 Relocation  
 For Flight/Return  
 GPF To Contractor  
 Loan (Number) \_\_\_\_\_  
 Vendor Owned  
 Repair and Return  
 Other NASA Cr. Property

6. Shipping Information (Check One)  
 Prepaid  
 Collected  
 Government Funds (Cite #s)  
 Vendor Pickup  
 Hand Carry  
 Third Party Billing

7. Shipment in Direct Support of:  
 Shuttle STS: \_\_\_\_\_  
 Space Station Mission: \_\_\_\_\_  
 Other, Please Explain: **Support Assembly**

8. QUALITY CONTROL INFORMATION (Check Each)  
 Flight/Mission Essential  
 Non-Flight  
 Other  
 YES  
 NO

9. Materials Classified (Define Block 25)  
 X

10. Data Package Enclosed?  
 X

11. APPROVAL - Typed Name and Signature  
 Division Chief: \_\_\_\_\_ DATE: \_\_\_\_\_  
 Property Custodian - Mail Code: **JE3ec** DATE: **5/23/07**  
 Contracting Officer: \_\_\_\_\_ DATE: **5/21/07**

Quality Assurance Representative: \_\_\_\_\_  
 Direct Program Manager: \_\_\_\_\_  
 Other: \_\_\_\_\_

12. From: **NASA/Lyndon B. Johnson Space Center  
 Transportation Officer, Bldg. 421  
 2101 NASA Road 1  
 Houston, Texas 77058**

(For Return Shipments to JSC, include Voucher number from block 16)

13. Ship To: **2007 MAY 23 PM 5:11  
 IABG  
 Einsteinstrasse 20  
 85521 Otobrunn  
 Germany**

14. Date Required at Destination **05/29/07** Is 2904 Used? **NO**

16. Authority Or Purpose **AMS-02 Project**

17. Signature Support and Equipment Management Officer **[Signature]**

15. Voucher Number **J7-143-010**

19. TCA (Tracking Control Number) **2107-207**

20. Date Shipped **5/24/07**

21. Mode of Shipment **HAND CARRY**

22. Bill of Lading

23. Appropriation/Funding Data

24. Project Code

25. Remarks: **Items listed are to support the assembly of scientific instrument for testing, provided under collaborative agreement between NASA and the destination institute. Items listed are Class I. Items to be "Hand Carried" by Avery Wright, EA/ISSG, Phone: 281-461-5185**

26. Item No.	27. Equipment Control No.	28. Model/Stock/Part Number	29. Item Description, Serial No., Manufacturer Lot No., License Plate No., Class of Hardware	30. Quantity of Issue	31. Qty.	32. Unit Price	33. Total Value
1.		SDG39135892-805	Bolt, Hex Head, Lot #10091, Class I	ea	16	30.00	480.00
2.		NAS8103PU8	Screw, Pan Head, Lot#31903, Class I	ea	3	21.00	63.00

34. Recapitulation of Shipment (spaced below to be completed by logistics division only)

Remove ECN Tag?  Yes  No

Issued By	Total Containers	Type Container	Description	Total Weight	Total Cube
TD 5/24/07	1	CT	12 X 12 X 4	3	0.3
KA 5/24/07					
Packed By JWE	1	CT	SCREWS/BOLTS	3	0.3

35. Receipt Info. Containers Rec'd: **543.00**

36. Sheet Total: **543.00**

37. Grand Total: **543.00**

38. Receiving Voucher No.



SEND A COPY OF THIS FORM WITH BETA...

2107-207-BV 57-143-010

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

Voucher Number

17-143-010

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  
 Yes  No  
 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  
 Yes  No  
 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 in 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

PPP-B-636  
 PPP-C-850  
 PPP-B-280  
 PPP-T-45  
 PPP-T-97

FRAGILE  
 NASA

Printed Name	Mail Code	Signed Name	Date Signed	Phone Number	Cell Phone Number
J. D. Roberts	JE-3EA		05/21/07	281-461-5109	

Date of Request 05/21/07

### Johnson Space Center Export Control Request and Approval Worksheet

Reference Number

J7-143-010  
EA2-07-141-001

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:

5/28/07

Requested by:

Avery Wright

Org/Company:

EA / Jacobs Sverdrup

Phone Number:

(281) 461-5185

Email: Avery.Wright@escg.jacobs.com

Fax:

(281) 461-5683

General description of export (spell out acronyms)

Fasteners

Is this a temporary export?

Yes

No

If yes, when will it be returned?

12/21/07

What requirement or agreement do we have with the foreign national to provide this export?

JSC28792, Rev. D

For what purpose is it being exported (what is the end-user)?

Assemble with AMS-02 hardware for testing.

Contact: Stefan Dillinger, Phone +49 89 6088-3487

To whom is it being exported? (or attach ProForma Invoice)

IABG, Einsteinstrasse 20, 85521 Otobrunn, Germany

What program does this export support?

Alpha Magnetic Spectrometer (AMS) - 02

Date denied parties/entities list checked:

5/21/07

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

Fasteners are sent to support AMS assembly. Classification per memo from NASA HQ/DUM 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

*Stephen Lankin*

Date

5/21/07

(281) 483-8264

Phone

Signature of Export Control Official (ECR or CEA)

Date

5/21/07

(281) 483-8264

Phone

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

Phone

