J7-325-001

JSC SHIPPING DOCUMENT

1. Originator (Name, Org Code, Phone): JD Roberts, EA, 281-461-5109
2. Date Prepared: 11/20/07

Location of Item(s):

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

5. Status of Items
- [ ] Transfer to Other NASA Center
- [ ] GFP To Contractor
- [x] Test and Return
- [ ] Loan (Number) ____
- [ ] Replacement or Credit
- [ ] Vendor Owned
- [ ] Relocation
- [ ] Repair and Return
- [ ] For Flight/Return
- [ ] Other NASA Ctr. Property

JF 1027 No.: N/A

6. Shipping Information (Check One)
- [x] Prepaid
- [ ] Vendor Pickup
- [ ] Collect
- [ ] Hand Carry
- [ ] Government Funds (Cite #'s)
- [ ] Third Party Billing

7. Shipment in Direct Support of:
- [ ] Shuttle STS: ____
- [x] Other, Please Explain
- [ ] Space Station Mission: ____ For Ass'y & Test

8. QUALITY CONTROL INFORMATION (Check Each)
- [x] Flight/Mission Essential
- [ ] Non-Flight
- [ ] GSE
- [ ] Other

	YES	NO
9. Materials Classified (Define Block 25)		X
10. Data Package Enclosed?		X
11. Items are being shipped outside the U.S. or to a foreign national or representative?	X	

12. APPROVAL - Typed Name and Signature	DATE
Division Chief: Roger Schwarz SCHWARZ	9/20/07
Property Custodian - Mail Code JE3ea: JD Roberts, JD ROBERTS	11/20/07
Contracting Officer	
Quality Assurance Representative	11/21/07
Direct Program Manager	
Other	

13. 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)

15. Date Required at Destination: 11/28/07
Is 290A Used? YES
16. Voucher Number: J7-325-001
17. Authority Or Purpose: AMS-02 Project
18. Contract/Grant/T-order number
19. Signature Supply and Equipment Management Officer

14. Ship To
Center for European Nuclear Research (CERN)

Site de Prévessin

Bat.892, RB011 (Franck CADOUX)

F-01630 Prevessin

France

20. TCN (Tracking Control Number)
21. Date Shipped
22. Mode of Shipment
23. Bill of Lading
24. Appropriation/Funding Data
25. Project Code

Mark For/Phone Number: Franck Cadoux, Phone: 41 22 767 6290

26. Remarks
Items listed are for the assembly of scientific instruments, provided under collaborative agreement between NASA and the destination institute. Items are Class I

11-21-7

27. Item No.	28. Equipment Control No.	29. Model/Stock/Part Number	30. Item Description, Serial No., Manufacturer No., Lot No., License Plate No., Class of Hardware	31. Unit of Issue	32. Qty	33. Unit Price	34. Total Value
1		NAS1351N3LB8	Srew, Cap, Socket Head, Self-Locking Patch, .1900-32 UNRF-3A X 0.500L, Lot # 40625, Class I	ea	10	7.50	75.00
2		NAS620C10L	Washer, Flat, .195 ID, .354 OD X .032THK, Lot #393911, Class I	ea	50	0.50	25.00
3		NAS620C416L	Washer, Flat, .255 ID, .468 OD X .032THK, Lot #347768-5, Class I	ea	30	0.83	24.90

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

Issued By

Remove ECN Tag? ☐ Yes ☐ No

	Total Containers	Type Container	Description	Total Weight	Total Cube
Checked By					
Packed By					

36. Receipt Info
Containers Rec'd
Quantities Rec'd
Date Rec'd
Rec'd By

37. Sheet Total: 124.90
38. Grand Total: 711.65
39. Receiving Voucher No.

ORIGINAL

SEND A COPY OF THIS JF FORM 290 WITH RETURN SHIPMENT

J7-325-001

SHIPPING DOCUMENT (Continuation Sheet)

TCN

VOUCHER NO. J7-325-001

15. ITEM NO.	16. EQUIPMENT CONTROL NUMBER	17. MODEL NUMBER/ STOCK NUMBER/ PART NUMBER	18. ITEM DESCRIPTION, SERIAL NO., MANUFACTURER NO., LOT NO., LICENSE PLATE NO., CLASS OF HARDWARE	19. UNIT OF ISSUE	20. QTY	21. UNIT PRICE	22. TOTAL VALUE
4		NAS1960C44	Bolt Shear, Hexagon Head, .6250-18 UNJF-3A X 2.750L, Lot #B4526, Class I	ea	4	99.50	398.00
5		NAS1351N4-8	Screw, Cap, Socket Head, .2500-28 UNRF-3A X 0.500L, Lot #30023, Class I	ea	32	3.00	96.00
6		NAS1351N3-8	Screw, Cap, Socket Head, .1900-32 UNRF-3A X 0.500L, Lot #84376, Class I	ea	53	1.75	92.75

SheetTot 586.75

JSC Form 290A (Rev June 30, 2005) (Informed August 2000)

Voucher Number
J7-325-001

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? ☐ Yes ☒ No

   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 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? ☐ Yes ☒ No

   If yes, please identify and provide the following information in Fahrenheit:

   Minimum temperature: Minimum humidity:

   Maximum temperature: Maximum humidty:

Voucher Number
J7-325-001

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

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 REQUIRMENTS
- ☐ 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	JE-3EA	J. D. Roberts	11/20/07	(281) 461-5109	

J7-325-001

Date of Request 11/20/07

Johnson Space Center
Export Control Request and Approval Worksheet

Reference Number EA-07-324-001

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: 11/26/07

Requested by: Michael Fohey **Org/Company:** EA1 / Jacobs Sverdrup **Phone Number:** (281) 461-5684

Email: michael.fohey@escg.jacobs.com **Fax:** (281) 461-5926

General description of export (spell out acronyms) Screws, Washers and Bolts

Is this a temporary export? ☐ Yes ☒ No If yes, when will it be returned?

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

For what purpose it is being exported (what is the end-use?) Assemble with AMS-02 hardware for testing. Contact: Franck Cadoux, Phone: 41 22 767 6290

To whom is it being exported? *(or attach ProForma invoice)* CERN, Site de Prévessin, Bat.892, RB011 (Franck CADOUX), F-01630 Prevessin, FRANCE

What program does this export support? Alpha Magnetic Spectrometer (AMS) - 02 **Date denied parties/entities list checked:** 11/20/07

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 Hand carried by John Heilig.

SECTION 2

Export Classification EAR99 / NLR

Classification rationale Screws, Washers and Bolts are required to support AMS Project. 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 Lamkin — Date 11/20/07 — Phone (281)483-8264

Export classifications for this shipment were determined by

Signature of Export Control Official (ECR or CEA) — Date 11/20/07 — Phone (281) 483-8264

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

JSC Form 1724 (Rev March 27, 2003) (Informed September 2000)

ProForma Invoice

Export Tracking Number:	License Number:	JSC Voucher Number: J7-325-001
Shipper: NASA/Lyndon B. Johnson Space Center Transportation :Officer, Bldg. 421 2101 NASA Road 1 Houston, Texas 77058	**Intermediate Cosignee (when required):** Contact: Franck Cadoux, Phone: 41 22 767 6290>>>>>	**Destination (include phone contact):** Center for European Nuclear Research (CERN) Site de Prévessin Bat.892, RB011 (Franck CADOUX) F-01630 Prevessin, FRANCE

"These items are exported from the United States for ultimate destination France, in accordance with the Export Administration Regulations. Diversion, retransfer, disclosure, or use contrary to applications specified in NASA agreement without prior written U.S. authorization are prohibited."

Item	Qty	Detailed Description	NASA Tag and/or Serial/Stock Number	Manufacturer Country of Origin	* Weight (kgs)	ECCN/USML CAT	License/ Exemption/ Exception	Schedule B No. (see census.gov)	Sched. B Qty	Unit Value	Total Cost
1	10	NAS1351N3LB8, Srew, Cap, Socket Head, Self-Locking Patch, .1900-32 UNRF-3A X 0.500L, Lot # 40625, Class I	NONE	Ideal - USA		EAR99	NLR			$7.50	$75.00
2	50	NAS620C10L, Washer, Flat, .195 ID, .354 OD X .032THK, Lot #393911, Class I	NONE	Superior - USA		EAR99	NLR			$0.50	$25.00
3	30	NAS620C416L, Washer, Flat, .255 ID, .468 OD X .032THK, Lot #347768-5, Class I	NONE	Superior - USA		EAR99	NLR			$0.83	$24.90
4	4	NAS1960C44, Bolt Shear, Hexagon Head, .6250-18 UNJF-3A X 2.750L, Lot #B4526, Class I	NONE	SPS Fasteners -USA		EAR99	NLR			$99.50	$398.00
5	32	NAS1351N4-8, Screw, Cap, Socket Head, .2500-28 UNRF-3A X 0.500L, Lot #B4526, Class I	NONE	Ideal Fasteners -USA		EAR99	NLR			$3.00	$96.00
6	53	NAS1351N3-8, Screw, Cap, Socket Head, .1900-32 UNRF-3A X 0.500L, Lot #84376, Class I	NONE	B & B Fasteners - USA		EAR99	NLR			$1.75	$92.75

Total All Sheets: $711.65

Notes:
1. This form must be completed for all exports.
2. Shipments to Russia require invoice transition by initator.

Traffic Management Specialist **Date**

This is not a sale, value shown is for Customs purposes only.

JSC Form 1735 (Rev June 24, 2004) (Informed April 2004)