2896-207 B ✓ J7-220-003

JSC SHIPPING DOCUMENT

1. Originator (Name, Org. Code, Phone): JD Roberts,EA, 281-461-5109
2. Date Prepared: 08/01/07

Location of Item(s):

3. Building: 421 | Room: Bond | 4. Contact and Phone: will delv'r to B421 to process.

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

JF 1027 No.: N/A

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

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

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

	YES	NO
9. Materials Classified (Define Block 25)		X
10. Data Package Enclosed?		X

11. APPROVAL - Typed Name and Signature	DATE
Division Chief: TALENT MARTIN	8/7/07
Property Custodian Mail Code JE3ea: JD ROBERTS	8/1/07
Contracting Officer	
Quality Assurance Representative	8/8/07
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)

14. Date Required at Destination: 08/08/07 | Is 290A Used? YES
15. Voucher Number: J7-220-003
16. Authority Or Purpose: AMS-02 Project
17. Contract/Grant/T-order number
18. Signature Supply and Equipment Management Officer: 8-8-07

13. Ship To
CERN
2007 JUL 39 PM 1:30
PREVESSIN GOODS RECEPTION , Building 904-R-001
F - 01630 PREVESSIN
FRANCE

Ref: EA2896-220003
Dep: EA
Date: 08/09/2007
Wgt: 26.0 LBS
CV: 0.00
# of Pkgs: 1

SHIPPING:	71.09
SPECIAL:	0.00
HANDLING:	0.00
TOTAL:	71.09

Svcs: INTL PRIORITY
TRCK: 7201 4437 0225

19 TCN (Tracking Control Number): 2896-207
20. Date Shipped

Contact: Prevessin Goods Reception Tel.: +41 22 767 5657

23. Appropriation/Funding Data
24. Project Code

Mark For/Phone Number: Laurence Barrin, Phone: +41 22 767 4477, Cell +41 76 487 0745

25. Remarks
Shipment of items arefor assembly of scientific instruments, provided under collaborative agreement between NASA and the destination institute. Items are Class I and GSE.

26. Item No.	27. Equipment Control No.	28. Model/Stock/Part Number	29. Item Description, Serial No., Manufacturer No., Lot No., License Plate No., Class of Hardware	30. Unit of Issue	31. Qty.	32. Unit Price	33. Total Value
1		MS124655	Helicoil, Lot #C04062-01-03, Class I	ea	10	2.50	25.00
2		NAS1351C4-20	Socket Head Cap Screw, Lot#78960, Class I	ea	39	1.50	58.50
3		NAS1291C4M	Self-Locking Nut, Lot #52049, Class I	ea	39	1.00	39.00
4		NAS1149E0632R	Washer, Flat, Lot#7905-11/06/03, Class I	ea	10	1.00	10.00
5		SDG39135892-809	Bolt, Hex Head, Lot #10093, Class I	ea	16	30.00	480.00

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

Issued By: TD 8/8/07
Checked By: 8-8-07
Packed By: SAM 8-8-07

Remove ECN Tag? ☐ Yes ☐ No

Total Containers	Type Container	Description	Total Weight	Total Cube
1	CT	18x12x12	26	1.5
1		Bolts, Nuts	26	1.5

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

36. Sheet Total: 612.50
37. Grand Total: 6,744.42
38. Receiving Voucher No.

JSC Form 290 (Rev October 16, 2006) (USE JSC Form 290A. SHIPPING CONTINUATION SHEET, IF ADDITIONAL SPACE IS REQUIRED) (Informed August 2000)

ORIGINAL

SEND A COPY OF THIS JF FORM 370 290 WITH RETURN SHIPMENT

SHIPPING DOCUMENT (Continuation Sheet)

TCN

VOUCHER NO.

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
6		SDG39135892-809	Bolt, Hex Head, Lot #2116, Class I	ea	16	27.50	440.00
7		SDG39135892-811	Bolt, Hex Head, Lot #2117, Class I	ea	18	23.50	423.00
8		SDG39135892-811	Bolt, Hex Head, Lot #10092, Class I	ea	18	30.00	540.00
9		NAS1587-8C	Washer, Lot #638/9/1/04, Class I	ea	64	4.26	272.64
10		NAS1008-10A	Bolt, Lot #L70902M005 2569, Class I	ea	32	15.33	490.56
11		NAS301-4	Washer, Lot ~~#638/9/1/04~~ 12880, Class GSE	ea	78	1.15	89.70
12		1019490	Shackle, 5/8", 3.25 Ton, S/N 5HE-1, Class GSE	ea	1	16.11	16.11
13		1019490	Shackle, 5/8", 3.25 Ton, S/N 5HE-2, Class GSE	ea	1	16.11	16.11
14		1019490	Shackle, 5/8", 3.25 Ton, S/N 5HE-3, Class GSE	ea	1	16.11	16.11
15		1019490	Shackle, 5/8", 3.25 Ton, S/N 5HE-4, Class GSE	ea	1	16.11	16.11
16		SDG38117119-007	Tag, Drop Sling Outer C, LN / SN>NA, Class GSE	ea	4	365.71	1,462.84
17		TYZ525M	Ty-Rap, Tefzel, Lot #25-1406-05, Class GSE	ea	4	2.37	9.48
18		NAS1351C6-12	Screw, Lot #37497-112103, Class GSE	ea	10	12.50	125.00
19		SDG38119526-001	Drill Template Peelable Shim, S/N> N/A, Class GSE	ea	1	655.59	655.59
20		SDG38119525-001	Vertex Bracket Shim, S/N> N/A, Class GSE	ea	2	306.77	613.54
21		SDG38119525-002	Aft Template Shim, S/N> N/A, Class GSE	ea	2	284.77	569.54
22		SDG38119525-003	Drill Template Shim, S/N> N/A, Class GSE	ea	1	300.59	300.59
23		NAS1102E6-14	Screw, Lot #16601, Class GSE	ea	2	37.50	75.00

SheetTot 6,131.92

Voucher Number

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? If yes, please identify and provide the following information in Fahrenheit: ☐ Yes ☒ No

   Minimum temperature: Minimum humidity:

   Maximum temperature: Maximum humidty:

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

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	08/01/07	281-461-5109	

JSC Form 290 (Rev October 16, 2006) (USE JSC Form 290A, SHIPPING CONTINUATION SHEET, IF ADDITIONAL SPACE IS REQUIRED) (Informed August 2000)

** THESE ITEMS HAVE NO COMMERCIAL VALUE **

ProForma Invoice

7201 4437 0225

Export Tracking Number: EA-07-219-001

License Number:

JSC Voucher Number:

Shipper:

Transportation Officer, JB7
NASA Johnson Space Center
Houston, Texas 77058
(281-483-6512)

Intermediate Cosignee (when required):

Destination (include phone contact):

CERN
Prevessin Goods Reception
Building 904-R-001
F - 01630 Prevessin, FRANCE

Contact:
Laurence Barrin
Phone:
+41 22 767 4477

"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	MS124655, Helicoil, Lot #C04062-01-03, Class I	NONE	KJL Fasteners - USA		EAR99	NLR			$2.50	$25.00
2	39	NAS1351C4-20, Socket Head Cap Screw, Lot#78960, Class I	NONE	B & B Specialties - USA		EAR99	NLR			$1.50	$58.50
3	39	NAS1291C4M, Self-Locking Nut, Lot #52049, Class I	NONE	KJL Fasteners - USA		EAR99	NLR			$1.00	$39.00
4	10	NAS1149E0632R, Washer, Flat, Lot#7905-11/06/03, Class I	NONE	KJL Fasteners - USA		EAR99	NLR			$1.00	$10.00
5	16	SDG39135892-809, Bolt, Hex Head, Lot #10093, Class I	NONE	Henway Inc. - USA		EAR99	NLR	7318.19.000	KG	$30.00	$480.00
6	16	SDG39135892-809, Bolt, Hex Head, Lot #2116, Class I	NONE	Carpenter - USA	1.14	EAR99	NLR	7318.19.000	KG	$27.50	$440.00
7	18	SDG39135892-811, Bolt, Hex Head, Lot #2117, Class I	NONE	Henway Inc. - USA	1.14	EAR99	NLR	7318.19.000	KG	$23.50	$423.00
8	18	SDG39135892-811, Bolt, Hex Head, Lot #10092, Class I	NONE	Carpenter - USA	1.14	EAR99	NLR	7318.19.000	KG	$30.00	$540.00
9	64	NAS1587-8C, Washer, Lot #638/9/1/04, Class I	NONE	Carpenter - USA		EAR99	NLR			$4.26	$272.64

for Kristen Tollesson 8/9/07

Traffic Management Specialist
AGGIE WILLIAMS

Date

Total All Sheets: $6,744.42

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

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

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

** THESE ITEMS HAVE NO COMMERCIAL VALUE **

ProForma Invoice

Export Tracking Number:	License Number:	JSC Voucher Number: J7-220-003
Shipper: Transportation Officer, JB7 NASA Johnson Space Center Houston, Texas 77058 (281-483-6512)	**Intermediate Cosignee (when required):**	**Destination (include phone contact):** CERN Prevessin Goods Reception Building 904-R-001 F - 01630 Prevessin, FRANCE Contact: Laurence Barrin Phone: +41 22 767 4477

"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
10	32	NAS1008-10A, Bolt, Lot #L70902M005 2569, Class I	NONE	Henway Inc. - USA	1.14	EAR99	NLR	7318.19.000	KG	$15.33	$490.56
11	78	NAS301-4, Washer, Lot #638/9/1/04, Class GSE	NONE	Moeller - USA		EAR99	NLR			$1.15	$89.70
12	1	1019490, Shackle, 5/8", 3.25 Ton, S/N 5HE-1, Class GSE	NONE	Crosby Group - USA		EAR99	NLR			$16.11	$16.11
13	1	1019490, Shackle, 5/8", 3.25 Ton, S/N 5HE-2, Class GSE	NONE	Crosby Group - USA		EAR99	NLR			$16.11	$16.11
14	1	1019490, Shackle, 5/8", 3.25 Ton, S/N 5HE-3, Class GSE	NONE	Crosby Group - USA		EAR99	NLR			$16.11	$16.11
15	1	1019490, Shackle, 5/8", 3.25 Ton, S/N 5HE-4, Class GSE	NONE	Crosby Group - USA		EAR99	NLR			$16.11	$16.11
16	4	SDG38117119-007, Tag, Drop Sling Outer C, LN / SN>NA, Class GSE	NONE	Jacobs - USA		EAR99	NLR			$365.71	$1,462.84
17	4	TYZ525M, Ty-Rap, Tefzel, Lot #25-1406-05, Class GSE	NONE	Thomas Betts - USA		EAR99	NLR			$2.37	$9.48
18	10	NAS1351C6-12, Screw, Lot #37497-112103, Class GSE	NONE	Ideal - USA		EAR99	NLR			$12.50	$125.00

Total All Sheets: _____

Traffic Management Specialist _____ Date _____

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

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

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

** THESE ITEMS HAVE NO COMMERCIAL VALUE **

ProForma Invoice

Export Tracking Number:	License Number:	JSC Voucher Number: J7-220-003
Shipper: Transportation Officer, JB7 NASA Johnson Space Center Houston, Texas 77058 (281-483-6512)	**Intermediate Cosignee (when required):**	**Destination (include phone contact):** CERN Prevessin Goods Reception Building 904-R-001 F - 01630 Prevessin, FRANCE Contact: Laurence Barrin Phone: +41 22 767 4477

"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
19	1	SDG38119526-001, Drill Template Peelable Shim, S/N> N/A, Class GSE	NONE	Jacobs - USA	0.2	EAR99	NLR	8431.49.9020		$655.59	$655.59
20	2	SDG38119525-001, Vertex Bracket Shim, S/N> N/A, Class GSE	NONE	Jacobs - USA	0.2	EAR99	NLR	8431.49.9020		$306.77	$613.54
21	2	SDG38119525-002, Aft Template Shim, S/N> N/A, Class GSE	NONE	Jacobs - USA	0.2	EAR99	NLR	8431.49.9020		$284.77	$569.54
22	1	SDG38119525-003, Drill Template Shim, S/N> N/A, Class GSE	NONE	Jacobs - USA	0.2	EAR99	NLR	8431.49.9020		$300.59	$300.59
23	2	NAS1102E6-14, Screw, Lot #16601, Class	NONE	CBS - USA		EAR99	NLR			$37.50	$75.00
		ITEMS PACKED IN 1 CARTON									
		"NO SED REQUIRED, FTSR SECTION 30.55(H)".									

Total All Sheets: _____

Traffic Management Specialist _____ Date _____

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

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

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

Date of Request 08/01/07

Johnson Space Center
Export Control Request and Approval Worksheet

Reference Number EA-07-219-001

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: 8/6/07

Requested by: Phil Mott **Org/Company:** EA1 / Jacobs Sverdrup **Phone Number:** (281) 461-5712

Email: phillip.mott@escg.jacobs.com **Fax:** (281) 461-5926

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

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: Laurence Barrin, Phone: +41 22 767 4477

To whom is it being exported? *(or attach ProForma invoice)* CERN, PREVESSIN GOODS RECEPTION , Building 904-R-001, F - 01630 PREVESSIN, FRANCE

What program does this export support? Alpha Magnetic Spectrometer (AMS) - 02 **Date denied parties/entities list checked:** 8/7/07

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 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 8/7/07 — Phone (281)483-8264

Export classifications for this shipment were determined by

Signature of Export Control Official (ECR or CEA) — Date 8/7/07 — 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)