CERN STA

0574206B 12/30/05 J5-353-005

SHIPPING DOCUMENT

1. (Name, Org. Code, Phone) ...berts,281-461-5109 EA	2. Date Prepared 12/15/05
...cation 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
- [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.:

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:
- [x] Shuttle STS: 128
- [ ] Space Station Mission: ____
- [ ] Other, Please Explain For Assy & Rtn

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. Was a Form 1426 generated for this shipment?		X

12. APPROVAL - Typed Name and Signature	DATE
Division Chief Steve Altemus	
Property Custodian - Mail Code EA1 SD ROBERTS	12/15/05
Contracting Officer	
Quality Assurance Representative	12/21/05
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)

2005 DEC 22 AM 9:35

14. Ship To
ORDER MIT
PH Division CERN
CH 1211 Geneva 23
Switzerland

SEND A COPY OF THIS JF FORM 290 WITH RETURN SHIPMENT

Mark For/Phone Number: Joseph Burger, phone: +41 22 767 5914, fax: +41 22 767 7940

15. Date Required at Destination ~~12/21/05~~ | Is 290A Used? YES

16. Voucher Number

17. Authority Or Purpose: AMS-02 Project

18. Contract/Grant/T-order number

19. Signature Supply and Equipment Management Officer: [signature] 12/21/05

20. TCN (Tracking Control Number): 0574-206

21. Date Shipped: 12/22/05

22. Mode of Shipment: FED EX P INT'L

23. Bill of Lading: 815543162930

24. Appropriation/Funding Data

25. Project Code

26. Remarks

Items listed are Class I. Temporary shipment of items for assembly of scientific instruments, provided under collaborative agreement between NASA and the destination institute. Expected return of items assembled in a higher level assembly is due in December 2007. Item numbers 70 thru 73 are Class III.

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		MS21209C0815	Insert, Screw Thread, Coarse, #8-32 X .246, Lot #C04644-01-03	ea	1651	0.15	247.65
2		MS21209F1-10	Insert, Screw Thread, Fine, #10-32 X .190, Lot #C04559-01-03	ea	1852	0.15	277.80
3		MS21209F1-15	Insert, Screw Thread, Fine, #10-32 X .285, Lot #C04831-02-03	ea	1252	0.17	212.84
4		MS21209F4-10	Insert, Screw Thread, 1/4"-28 X .250, Lot #C04562-02-11	ea	256	0.15	38.40

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

Issued By: VKL 12-22-05

Remove ECN Tag? ☐ Yes ☐ No

	Total Containers	Type Container	Description	Total Weight	Total Cube
Checked By 12-22-05	1	MW	23 X 22 X 17	68	5.6
Packed By 12-22-05 JG	1		HARDWARE - METAL	68	5.6

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

37. Sheet Total: 776.69

38. Grand Total: ~~11,280.87~~ 11,242.87

39. Receiving Voucher No.

JSC Form 290 (Rev October 6, 2005) (USE JSC Form 290A - SHIPPING CONTINUATION SHEET, IF ADDITIONAL SPACE IS REQUIRED) (Informed August 2000)

ORIGINAL

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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
5		MS21209F4-15	Insert, Screw Thread, Fine, 1/4"-28 X .375, Lot #C04909-01-11	ea	286	0.35	100.10
6		MS21209F7-15	Insert, Screw Thread, Fine, #7-20 X .656, Lot #C04971-01-07	ea	13	2.50	32.50
7		MS21209F7-15 LH	Insert, Screw Thread, Fine, #7-20 X .656, Lot #98832/9-15-05	ea	7	38.00	266.00
8		NAS620C8	Washer, Flat, #8, Lot #345264-15	ea	1051	0.08	84.08
9		NAS620-C10	Washer, Flat, #10, Lot #347768-4	ea	1571	0.03	47.13
10		NAS1587A3C	Washer, CSK, #10, 1/4", Lot #R8490	ea	226	0.14	31.64
11		NAS1587-3	Washer, Plain, Lot #1390-1-8-03	ea	31	0.40	12.40
12		NAS620-C416	Washer, Flat, 1/4", Lot #C62386-1	ea	331	0.08	26.48
13		NAS1587-5C	Washer, CSK, 1/4", Lot #1339-2/24/04	ea	49	0.65	31.85
14		NAS1587-5	Washer, Plain, 1/4", Lot #1418-1/8/03	ea	49	0.60	29.40
15		NAS1587-7C	Washer, CSK, #7, Lot #1400-9/25/03	ea	13	2.00	26.00
16		NAS1587-7	Washer, Plain, #7, Lot #R8572	ea	7	2.00	14.00
17		MS51959-45	Screw, Machine, #8-32 X .500, Lot #33952	ea	7	0.70	4.90
18		NAS1003-1A	Bolt, Machine, #10-32 X .543, Lot #32444	ea	76	1.20	91.20
19		NAS1351N3-6	Screw, Cap, Socket Head, #10-32 X .375, Lot #37500	ea	73	0.60	43.80
20		NAS1351N3-8	Screw, Cap, Socket Head, #10-32 X .500, Lot #40625	ea	1567	0.37	579.79
21		NAS1351N3-10	Screw, Cap, Socket Head, #10-32 X .675, Lot #39394	ea	73	4.21	307.33
22		NAS1351N3-14	Screw, Cap, Socket Head, #10-32 X .875, Lot #38857	ea	115	1.10	126.50
23		NAS1351N3-16	Screw, Cap, Socket Head, #10-32 X 1.00, Lot #39008	ea	85	1.20	102.00
24		NAS1351N3-24	Screw, Cap, Socket Head, #10-32 X 1.50, Lot #74143	ea	7	9.50	66.50
25		NAS1351N4-8	Screw, Cap, Socket Head, 1/4"-28 x .500, Lot #40403	ea	109	2.50	272.50
26		NAS1351N4-10	Screw, Cap, Socket Head, Plain, 1/4"-28 x .625, Lot #79161	ea	224	2.15	481.60
27		NAS1351N4-14	Screw, Cap, Socket Head, Plain, 1/4"-28 x .875, Lot #38103	ea	37	1.50	55.50

SheetTot 2,833.20

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

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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
28		NAS6305U16	Bolt, Tension, Hex Head, #5-24 x 1.438, Lot #35251-J1	ea	49	4.50	220.50
29		NAS6307U26	Bolt, Tension, Hex Head, #7-20 x 2.153, Lot #SK6592	ea	7	150.00	1,050.00
30		MS21060L3	Nut, Floating, Lot #PG067	ea	13	4.80	62.40
31		NAS1291C3M	Nut, Self-Locking, #10-32, Lot #27636	ea	31	0.43	13.33
32		NAS1291C4M	Nut, Self-Locking, 1/4"-28, Lot ~~#429610~~ 54044	ea	19	0.50	9.50
33		NAS1291C5M	Nut, Self-Locking, ##5-24, Lot #74343	ea	49	1.00	49.00
34		NAS1291C7M	Nut, Self-Locking, #7-20, Lot #993703-97	ea	7	16.00	112.00
35		M81935/1-5KL	Bearing, Rod, Plain End, #5-24, Lot #NHBB/MCH0390	ea	25	33.00	825.00
36		M81935/1-5K	Bearing, Rod, Plain End, #5-24, Lot #0508210	ea	25	55.00	1,375.00
37		MS20426AD3-4A	Rivit, Solid, Countersunk 100°, 3/32" X .250, Lot #S050325005H	ea	25	0.25	6.25
38		M81935/1-7KL	Bearing, Rod, Plain End, Self-Aligning, #7-20, Lot #0430310006BBBBB	ea	7	81.00	567.00
39		M81935/1-7K	Bearing, Rod, Plain End, Self-Aligning, #7-20, Lot #0429610	ea	7	81.00	567.00
40		NAS1398D5A5	Rivit, Blind, 5/32" X .3125, Lot #86151610	ea	145	1.15	166.75
41		NAS1193K7-1	Locking Device, Positive Index, #7, Lot #52993	ea	13	15.00	195.00
42		NAS1193K7-2	Lock, Rod End, Lot #52351	ea	13	14.00	182.00
43		NAS6307U18	Bolt, Tension, Hex Head, #7-20 X 1.653, Lot #Z15918-00	ea	7	50.00	350.00
44		NAS1352C08-6	Screw, Cap, Socket Head, #8-32 X .375, Lot #80101	ea	897	0.15	134.55
45		NAS1352C08-8	Screw, Cap, Socket Head, #8-32 X .500, Lot #39467	ea	223	0.35	78.05
46		NAS1352C08-10	Screw, Cap, Socket Head, #8-32 X .625, Lot #394432	ea	1345	0.15	201.75
47		NAS1352C08-14	Screw, Cap, Socket Head, #8-32 X .875, Lot #38578	ea	134	0.85	113.90
48		NAS1351N4-20	Screw, Cap, Socket Head, 1/4"-28 X 1.25, Lot #39422	ea	17	3.50	59.50

SheetTot 6,338.48

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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
49		MS35649-284	Nut, Plain, #8-32, Lot #3593	ea	7	2.00	14.00
50		1208-018	Helicoil Repair Kit, #8-32 UNC 3B x 1,5d, Lot #33831	kt	1	28.00	28.00
51		1208-201X1D	Helicoil Repair Kit, #10-32 UNF 3B x 1d,Lot #1272-01-002	kt	1	38.00	38.00
52		1208-201	Helicoil Repair Kit, #10-32 UNF 3B x 1,5d, Lot #34075	kt	1	38.00	38.00
53		1208-204X1D	Helicoil Repair Kit, 1/4"-28 UNF 3B x 1d, Lot #1272-01-004	kt	1	38.00	38.00
54		1208-204	Helicoil Repair Kit, 1/4"-28 UNF 3B x 1,5d, Lot #33773	kt	1	38.00	38.00
55		1208-207	Helicoil Repair Kit, 7/16"-20 UNF 3B x 1,5d, Lot #33294	kt	1	38.00	38.00
56		1015-08A	Helicoil Break-off Tool, #8-32 UNC 3B, Lot #1272-007	ea	3	50.00	150.00
57		1015-1A	Helicoil Break-off Tool, #10-32 UNC 3B, Lot #1272-008	ea	2	50.00	100.00
58		1015-4A	Helicoil Break-off Tool, 1/4"-28 UNF 3B, Lot #1272-009	ea	1	50.00	50.00
59		1030-08	Helicoil Extracting Tool, #3 thru #8, Lot #2229 6-16-03	ea	3	33.00	99.00
60		1030-6	Helicoil Extracting Tool, #10 thru 3/8", Lot #3270 6-3-05	ea	3	33.00	99.00
61		1030-16	Helicoil Extracting Tool, 7/16" thru 1", Lot #1272-02-013	ea	1	35.00	35.00
62		1044-08CP3	S.T.I. SP. Point H2 (3B) Tap, #8-32 UNC 3B, Lot #2992 12-13-04	ea	3	10.00	30.00
63		1044-1FP3	S.T.I. SP. Point H2 (3B) Tap, #10-32 UNC 3B, Lot #2992 12-13-04	ea	3	10.00	30.00
64		1043-08CB3	S.T.I. SP. Bottom H2 (3B) Tap, #8-32 UNC 3B, Lot #1272-01-018	ea	3	10.50	31.50
65		1043-1FB3	S.T.I. SP. Bottom H2 (3B) Tap, #10-32 UNC 3B, Lot #2477 12-16-03	ea	2	11.00	22.00
66		1043-4FB3	S.T.I. SP. Bottom H2 (3B) Tap, 1/4"-28 UNF 3B, Lot #744 6-8-00	ea	3	11.50	34.50

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SheetTot 913.00

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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
67		1015-1A	Helicoil Break-off Tool, #10-32 UNC3B, Lot#1272-02-008	ea	1	50.00	50.00
68		1015-4A	Helicoil Break-off Tool, 1/4"-28 UNF3B, Lot#1272-02-009	ea	2	50.00	100.00
69		1043-7FB3	S.T.I. SP. Bottom H2 (3B) Tap, 7/16"-20 UNF 3B, Lot #855 7-31-00	ea	1 3 JOR	19.00	19.00 ~~57.00~~ JOR
70		1015-7A	Helicoil Break-off Tool, 7/16"-20 UNF 3B, , Lot #N/A, Class III	ea	1	85.00	85.00
71		1044-4FP3	S.T.I. SP. Point H2 (3B) Tap, 1/4"-28 UNF 3B, Lot #N/A, Class III	ea	3	17.50	52.50
72		1044-7FP3	S.T.I. SP. Point H2 (3B) Tap, 7/16"-20 UNF 3B, Lot #1272-01, Class III	ea	1	64.00	64.00
73		1043-1FB3	S.T.I. SP. Bottom H2 (3B) Tap, #10-32 UNC 3B, Lot #N/A, Class III	ea	1	11.00	11.00

Sheet Tot 381.50 JOR ~~419.50~~

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