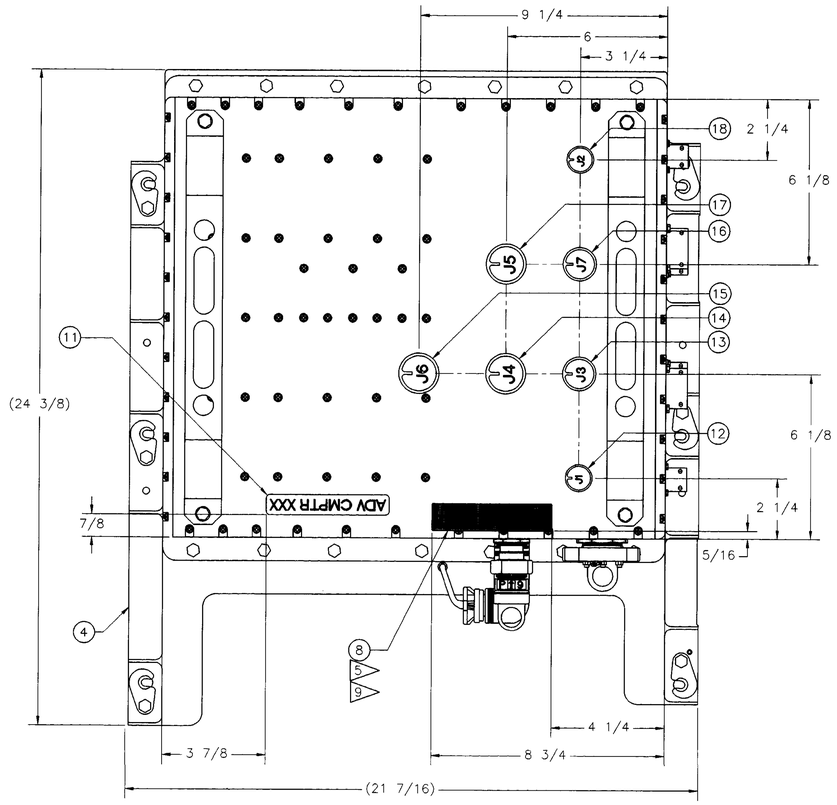
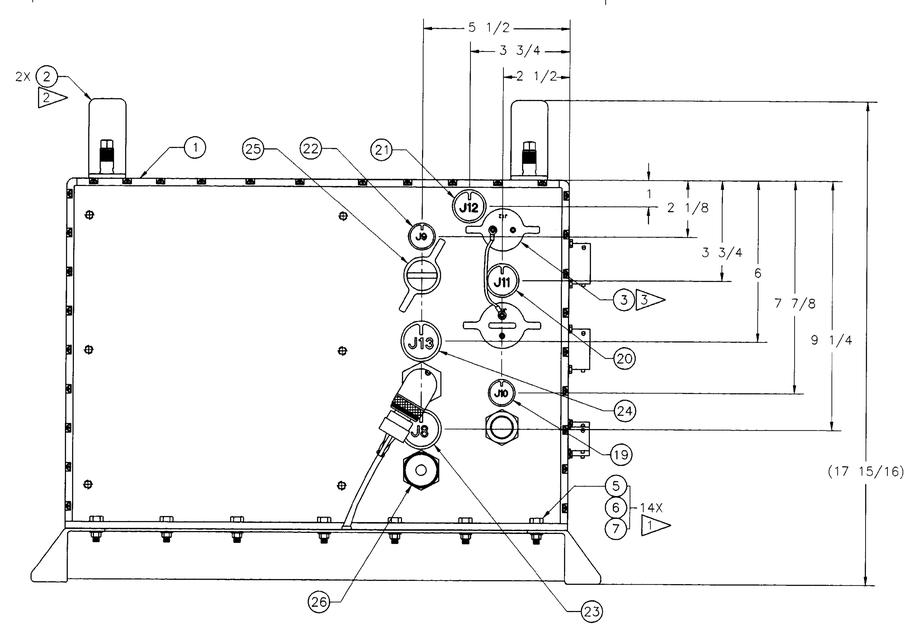
NOTES: UNLESS OTHERWISE SPECIFIED

1. TORQUE NUT TO 90 TO 100 IN-LBS ABOVE RUN-IN TORQUE.
2. TORQUE FASTENER TO 105 TO 115 IN-LBS ABOVE RUN-IN TORQUE.
3. ATTACH CAP ASSEMBLY (ITEM 3) AND ORIENT AS SHOWN.
4. REMOVE BACKING PAPER FROM BACK OF DECALS AND ATTACH APPROXIMATELY WHERE SHOWN.
5. BOND 4.5" X 1" FASTENING TAPE (ITEM 8) TO SURFACE, APPROXIMATELY WHERE SHOWN, USING ITEM 9 AND ITEMS 10. UNIFORMLY MIX 100 PARTS BY WEIGHT OF ITEM 9 WITH 50 PARTS BY WEIGHT OF ITEM 10. CURE AT 25° C IN AIR FOR 48 HOURS.
6. ORIGINAL SOURCE OF SUPPLY:
   JACKSON AND TULL,
   CHARTERED ENGINEERS, INC.
   7375 EXECUTIVE PLACE, SUITE 200
   SEABROOK, MD 20706
7. ORIGINAL SOURCE OF SUPPLY:
   CIBA-GEIGY
   5121 SAN FERNANDO RD.
   LOS ANGELES, CA 90039
8. CAUTION: ELECTROSTATIC SENSITIVE DEVICES ARE USED ON ASSEMBLY. HANDLE PARTS AND ASSEMBLY IN ACCORDANCE WITH MIL-STD-1686.
9. FASTENING TAPE (ITEM 8) SHALL CONFORM TO THE REQUIREMENTS OF MIL-F-21840, TYPE II, CLASS 3.





CAUTION
SENSITIVE ELECTRONIC DEVICES

ITEM NO.	REQ'D	PART NO.	DESCRIPTION	MATERIAL	MATERIAL SPEC. & NO.
26	1	MS27502F15A	COVER, RECEPTACLE		
25	1	010-019	TERMINATOR ASSY, ADV CMPTR		NOTE 6
24	1	4178449-021	DECAL		
23	1	4178449-011	DECAL		
22	1	4178447-005	DECAL		
21	1	4178448-011	DECAL		
20	1	4178448-009	DECAL		
19	1	4178447-007	DECAL		
18	1	4178447-003	DECAL		
17	1	4178449-005	DECAL		
16	1	4178448-007	DECAL		
15	1	4178449-007	DECAL		
14	1	4178449-003	DECAL		
13	1	4178448-001	DECAL		
12	1	4178447-001	DECAL		
11	1	GC2021282	DECAL, ADV CMPTR		
10	A/R	9615-10	HARDENER		NOTE 7
9	A/R	1210-A	RESIN		NOTE 7
8	A/R	MIL-F-21840	FASTENING TAPE, HOOK, 1" WIDE, BLACK	3230 POLY	NOTE 9
7	14	AN960C416L	WASHER, FLAT, 1/4"		
6	14	MS21043-4	NUT, RED'D HEX, SELF-LKG., 1/4-28		
5	14	NAS1004-3A	BOLT, HEX HD, 1/4-28 X .732		
4	1	010-018	ADAPTER ASSY, ORU MOUNTING		NOTE 6
3	1	GD2021331	CAP ASSY, CONNECTOR, ADV. CMPTR.		
2	2	GD1503185	HANDLE ASSY, ADVANCED COMPUTER		
1	1	000-015	ASSEMBLY, HST 486, SM3		NOTE 6
--	X	GE2021299	ORU ASSEMBLY, ADVANCED COMPUTER		

LIST OF MATERIAL

UNLESS OTHERWISE SPECIFIED-DIMENSIONS ARE IN INCHES
TOLERANCES: .XX ±.02 .XXX ±.005 ∠ ±1° FRACTIONS ±1/16 125√
REMOVE ALL BURRS AND SHARP EDGES .010R OR CHAMFER MAX.

☒ FLIGHT HARDWARE/~~POST-FAB HARDNESS TEST REQ'D~~
☒ HARDNESS TEST NOT REQUIRED ☒ NON FLIGHT
☐ TEST HARDNESS PER ASTM E-18, LOCATION OPTIONAL
☐ TEST HARDNESS PER ASTM E-18 WHERE INDICATED ON FIELD OF DRAWING THUS ⊙
☒ NO NON-DESTRUCTIVE EXAMINATION (NDE) REQ'D
☐ NDE REQUIRED PER S-313-009 CODE _____

THIS DRAWING WAS PRODUCED USING
SOFTWARE: AUTOCAD VERSION: 14
FILE NAME: 12990100

FINAL	HST/ADV CMPTR
NEXT ASSY	USED ON

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION — Goddard Space Flight Center — GREENBELT, MARYLAND

NAME	INIT	DATE
DESIGNER J. SANDLER	JHS	9/10/98
DRAWN J. SANDLER	JHS	9/9/98
CHECKED K. MOONEY	KMM	9/10/98
APPROVED ENG		9/11/98
APPROVED QA G. Hanako		9-16-98
APPROVED CODE 303 D. Crisell	DCC	9/14/98
APPROVED CODE 442		9/11/98

DRAWING INTERPRETED PER GSFC-X673-64-1

TITLE: ORU ASSEMBLY, ADVANCED COMPUTER

GE 2021299 — REV —
CODE 442 — SCALE 1/2 — WT — SH 1 OF 1

GE2021299

60019077

ENGINEERING ORDER

GODDARD SPACE FLIGHT CENTER
GREENBELT, MARYLAND

EO

GD2021299 -	02	INC REV
DRAWING & REV LEVEL	EO NO.	

SHEET 1 OF 1

1. DRAWING TITLE	2. REASON	3a. CCB APPROVAL	4. ISSUED BY CMO Jim Clitpouras
ORU ASSEMBLY, ADVANCED COMPUTER	CHANGED L/M ITEM 26	3b. JOB ORDER NO.	GSFC CODE LOCATION 442 DATE 7-29-99

5. TYPE OF EO:			6. PROGRAM HST	7. EFFECTIVE
☒ ADVANCED NOTICE OF CHANGE Drawing will be revised	☐ DEVIATION Drawing will not be revised	☐ OTHER (Explain)	USED ON ADV CMPTR	SERIAL ALL
			NEXT ASSY FINAL	DATE

8. DESCRIPTION

WAS

26	1	MS27502F15A	COVER, RECEPTACLE		

NOW

26	1	GC2023669	CAP, CONNECTOR, J8		

9. DISPOSITION	USE AS IS	RWK	SCRAP	NO PARTS MADE	DRAWN BY		CHECKED:		APPROVED:		APPROVED:		ENGINEERING:	
					J. Sandler JHS		K. Mooney KXM		E. Brinker		Rob Stick		7/29/99	
RAW MATERIAL					DATE	CODE	DATE	CODE	DATE	CODE	DATE	CODE	DATE 7/29/99	CODE
PART IN PROCESS		X			7/28/99	442	7/29/99	442	7/29/99	442	7/29/99	303		442

20009193

ENGINEERING ORDER

GODDARD SPACE FLIGHT CENTER
GREENBELT, MARYLAND

EO

GE2021299 —	01	
DRAWING & REV LEVEL	EO NO.	INC REV

SHEET 1 OF 1

1. DRAWING TITLE	2. REASON	3a. CCB APPROVAL	4.
ORU ASSEMBLY, ADVANCED COMPUTER	CORRECT DASH NUMBER IN PARTS LIST	3b. JOB ORDER NO.	ISSUED BY CMO Steve Schneider GSFC CODE LOCATION 442 DATE 10/2/94

5. TYPE OF EO:
☒ ADVANCED NOTICE OF CHANGE Drawing will be revised
☐ DEVIATION Drawing will not be revised
☐ OTHER (Explain) _____

6. PROGRAM HST
USED ON ADV. CPTR.
NEXT ASSY _____

7. EFFECTIVE
SERIAL ALL
DATE _____

8. DESCRIPTION

WAS

13	1	4178448-001	DECAL		

NOW

13	1	4178448-005	DECAL		

9. DISPOSITION	USE AS IS	RWK	SCRAP	NO PARTS MADE	DRAWN BY J. SANDLER JHS		CHECKED: K. MOONEY KM		APPROVED: Rob Sticka		APPROVED: [signature]		ENGINEERING: [signature] 10/1/98	
RAW MATERIAL					DATE	CODE	DATE	CODE	DATE	CODE	DATE	CODE	DATE	CODE
PART IN PROCESS					10/1/98	442	10/1/98	442	10/1/98	303	10/1/98	442	10/1/98	~~442~~

20007653