

NOTES:

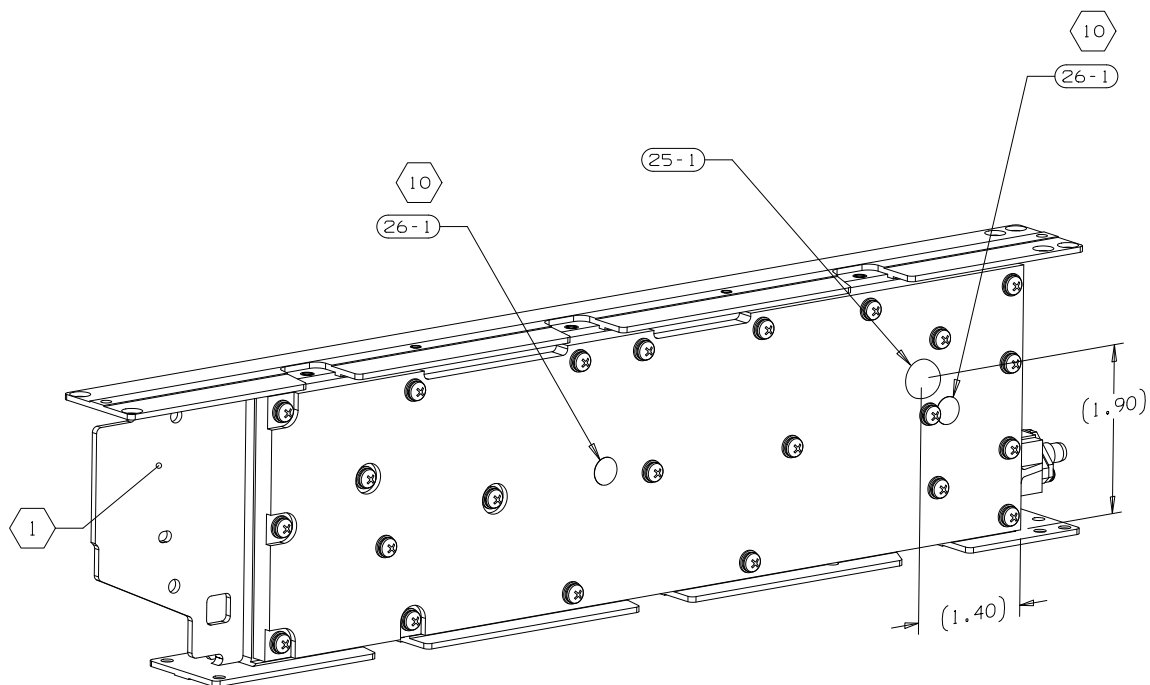
REVISIONS

LTR	REVISION NO.	DATE	APVD
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A	RL 7759	01-05-04	NS
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1. MARK ASSY 653-4131-001, REV AND REV LETTER, LOCATED APPROX AS SHOWN PER 839-0497-001.
2. TIGHTEN ITEMS 1 AND 2 TO $1.0 \pm .25$ IN-LB. DISCARD LOCKWASHER PROVIDED.
3. INSTALL ITEM 18 FLUSH TO EDGES OF ITEM 12. NO GAPS IN COVERAGE MAY EXIST. DO NOT STRETCH MATERIAL. MOUNTING SURFACE SHALL BE CLEAN AND FREE OF FOREIGN MATERIAL.
4. TIGHTEN ITEM 10 TO 4.0 IN-LBS.
5. SOLDER ITEMS 1 AND 2 TO ITEM 17. 260° C MAX SOLDER TEMPERATURE.
6. MAX LEAD LENGTH OF ITEM 11 TO BE .20 INCH (MEASURED FROM BODY OF PART) TRIM IF NECESSARY.
7. TRIM LEADS OF ITEMS 21, 22, 23 AND 24 AS SHOWN.
8. REMOVE PROTECTIVE BACKING FROM ITEM 25 AND INSTALL APPROX AS SHOWN.
9. DO NOT TRIM LEADS OF ITEMS 1 & 2.
10. INSTALL ITEM 26 TO COMPLETELY COVER HOLES INDICATED.



2	26	653-2602-001	COVER, ADJUSTMENT HOLE			10	
1	25	200-0715-070	BUMPER, PLASTIC - MOLDED			8	
1	24	352-5553-010	TRANSISTOR, SD 1538-11			7	Q304
1	23	352-5552-010	TRANSISTOR, SAF 3342			7	Q303
1	22	352-5551-020	TRANSISTOR, SD 8269-11			7	Q302
1	21	352-5550-010	TRANSISTOR, SAF 3340			7	Q301
23	20	310-0779-030	WASHER, FLAT - .247 OD X .123 ID				
0.8	19	820-0170-000	RIBBON, SILVER (FT)				
2.3	18	018-0334-010	GASKET, EMI (FT)			3	
1	17	828-3374-002	CCA, RECEIVER/TRANSMITTER			5	A4
1	16	828-3373-002	CCA, MODULATOR/IF/SYNTH				A3
1	15	653-4138-002	COVER				
1	14	653-4135-002	SHIELD - RF				
1	13	653-4133-002	CHASSIS - RF				
1	12	357-0172-140	CONNECTOR, RF - 50 OHM BMA			3	
1	11	843-1594-040	TRANSISTOR, 61020			6	Q305
23	10	343-0137-000	SCREW, .112-40 X .50 PNH			4	
27	9	343-0123-000	SCREW, .086-56 X .19 PNH				
2	8	343-0124-000	SCREW, .086-56 X .25 PNH				
17	7	330-1748-300	SCREW, .086-56 X .81 PNH				
2	6	330-1716-020	SCREW, .086-56 X .19 PNH LKG				
29	5	310-0129-000	WASHER, FLAT - .188 OD X .089 ID				
23	4	310-0279-000	WASHER, LOCK - .115 ID				
46	3	310-0275-000	WASHER, LOCK - .088 ID				
4	2	241-7030-020	CAPACITOR, FEED-THRU - 5 pF			2,5,9	C9,18,20,21
17	1	241-7030-010	CAPACITOR, FEED-THRU - 500 pF			2,5,9	C1 - 8,10-17,19
QTY	ITEM NO	PART OR IDENTIFYING NUMBER	NOMENCLATURE OR DESCRIPTION	DOCUMENT NO	CAGEC	NOTES	REF DESIGNATOR

PARTS LIST

NOTES LISTED BELOW MARKED ☒ ARE APPLICABLE TO THIS DRAWING

- ☐ SPACE/USAGE PRECLUDES IDENTIFICATION MARKING.
☐ 580-6520-001 MAY BE UTILIZED ON THIS ASSY.
☒ SOLDER PER 580-5178-000.
☐ SPOT WELD PER 580-5125-000 LOCATED APPROX AS SHOWN.
☐ FUSION WELD PER 839-2219-001, CLASS C.
☐ FABRICATION ASSY PRACTICES PER 839-5402-001.

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES

DIMENSIONING AND TOLERANCING
INTERPRETED PER ANSI Y14.5M-1982

PART SHALL BE INTERPRETED IN
ACCORDANCE WITH 839-5400-001

ROCKWELL INTERNATIONAL CORPORATION

COLLINS COMMERCIAL AVIONICS
CEDAR RAPIDS, IOWA 52498

RF MODULE - DME-4000

PREP 00-09-20
P. R. MONDOR

CHK 00-09-20
G. RIVERS

ENG APVD 00-09-20
C.D. FOY

MFG APVD

SIZE	CAGE	DWG NO.	REV LTR
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D	4V792	653-4131-001	A
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SCALE	NONE	SHEET	1 OF 4
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FA ☐ NFP ☐ REL ☒ CR2 MB 1

DIGITAL DATA ONLY- NO MASTER TRACING

CAUTION

THIS DRAWING CREATED
BY COMPUTER INPUT
DO NOT REVISE MANUALLY
DATA EXISTS IN C.A.MECH DFTG
DATA FILE: 653-4131-001.prt
UNIGRAPHICS II V15.0

PARENTHEetical INFORMATION IS FOR REFERENCE ONLY.

SYMBOL IDENTIFICATION INTERPRETATION: (ITEM NO) OR (ITEM NO-QTY)

ALL SHEETS ARE THE
SAME REVISION STATUS

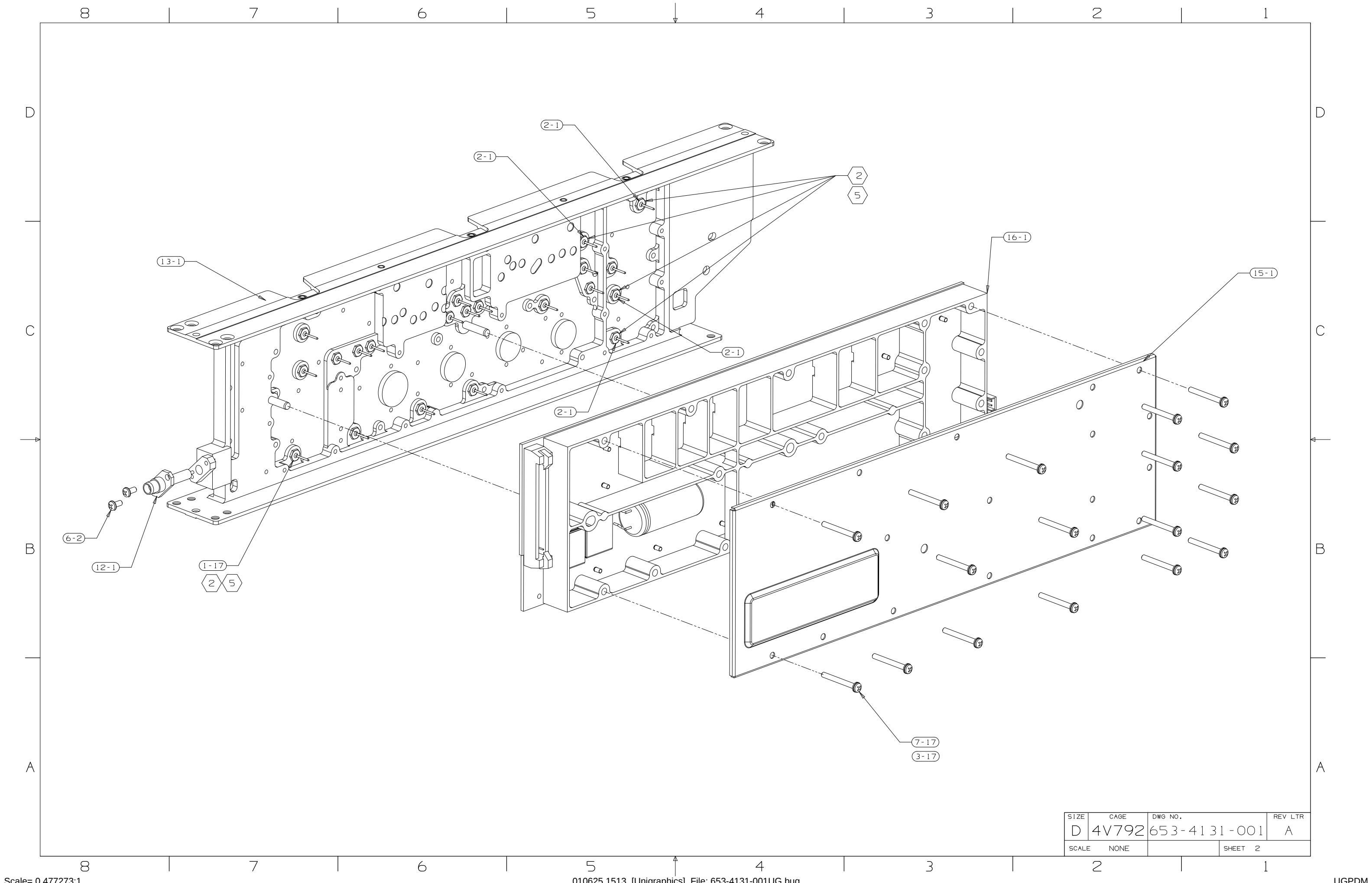
 DENOTES: SEE APPLICABLE NOTE

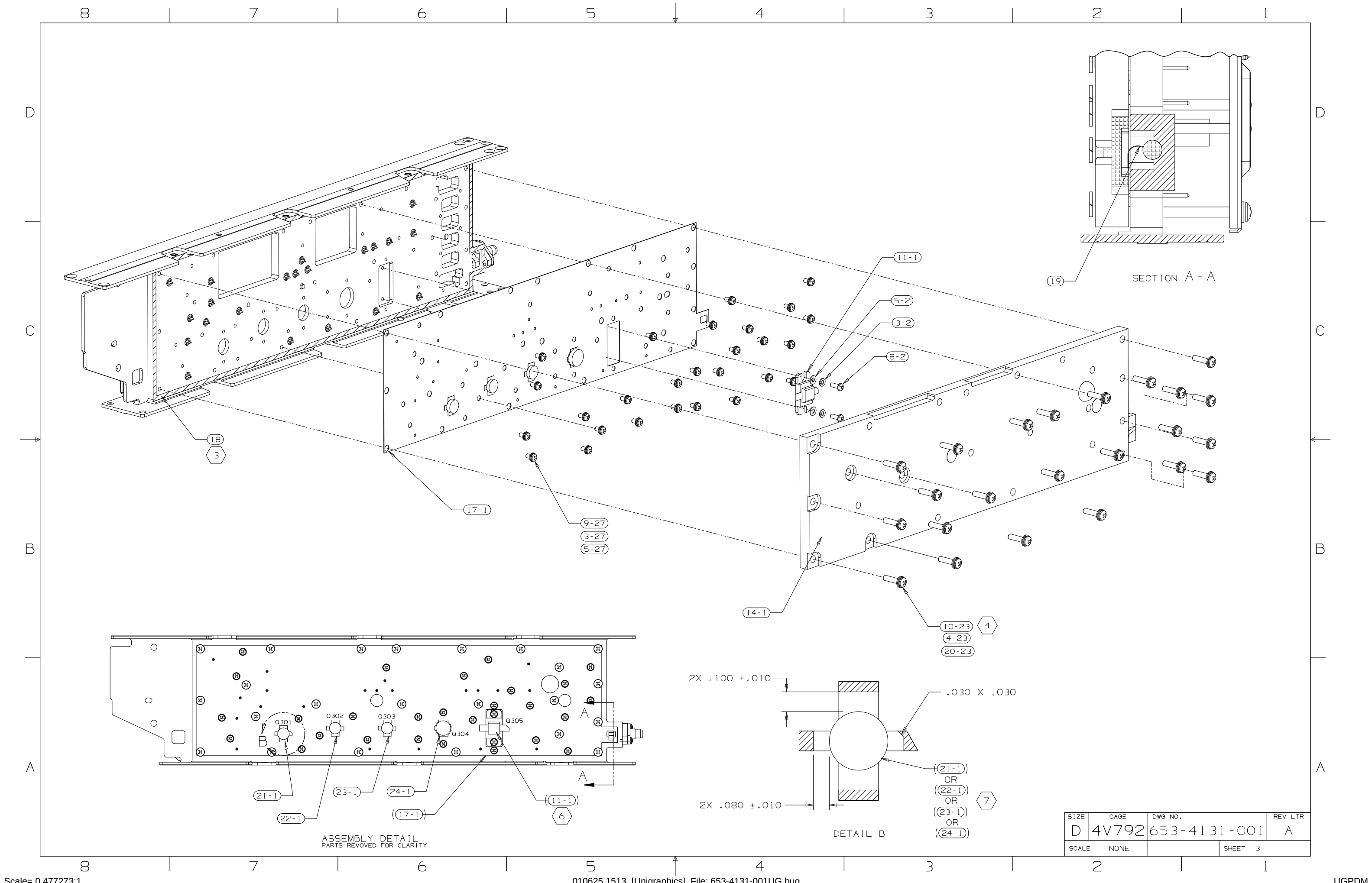
NEXT ASSY PART NO.: 653-4129-001 EQPT TYPE NO.: DME -4000

Scale= 0.477263:1

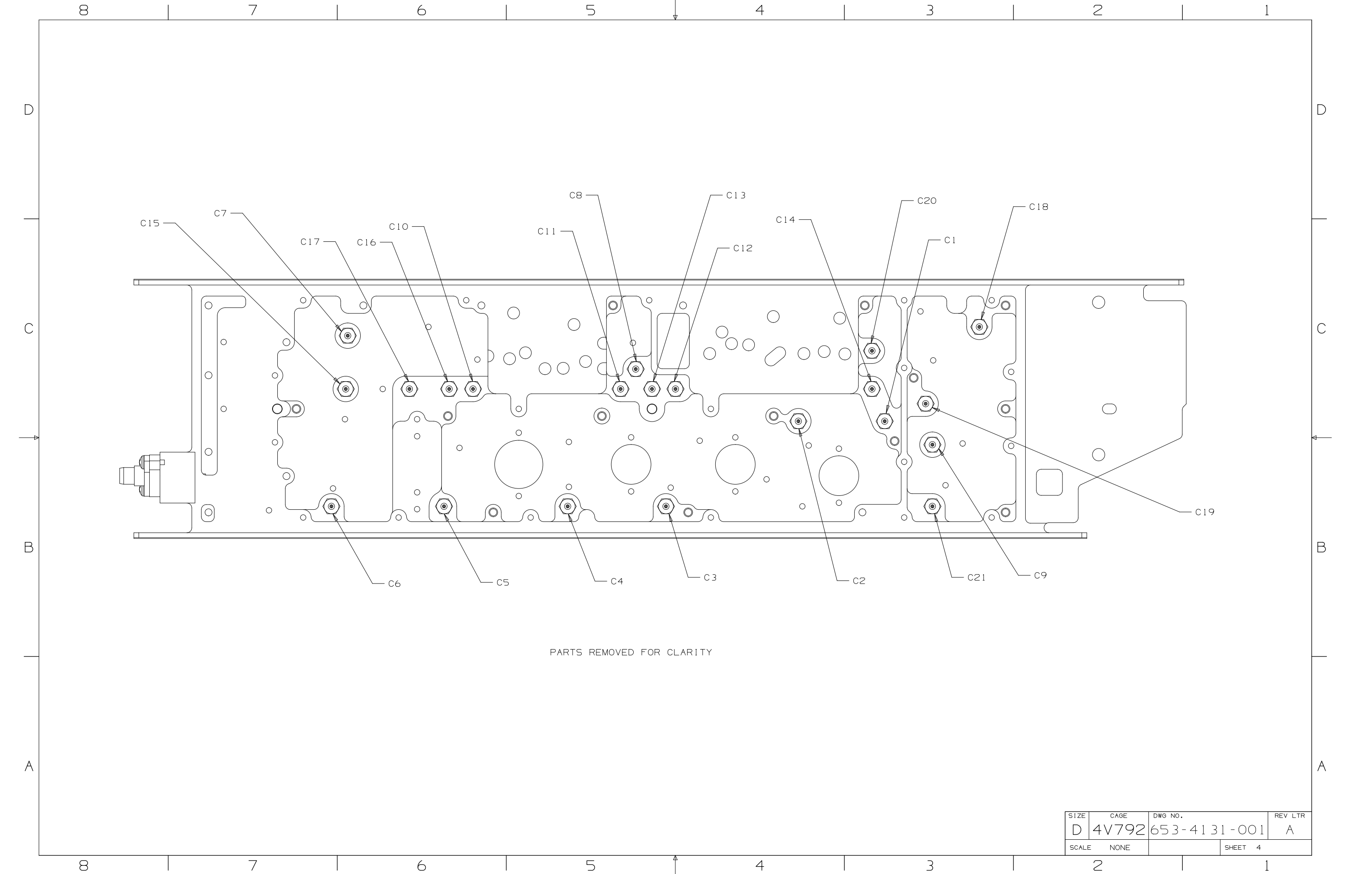
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UGPDM





SIZE	CAGE	DWG NO.	REV LTR
D	4V792	653-4131-001	A
SCALE	NONE		SHEET 3



SIZE	CAGE	DWG NO.	REV LTR
D	4V792	653-4131-001	A
SCALE	NONE		SHEET 4