

# Honeywell

## SYSTEM DESCRIPTION AND INSTALLATION MANUAL JetWave™ System

TABLE 1: GXA Ka KRFU, AIRCRAFT AIR COOLED, PART NUMBER

PART NUMBER	DESCRIPTION
90401202	GXA Ka KRFU

TABLE 3: J1 POWER CONNECTOR CONTACT ASSIGNMENTS

PIN NUMBER	SIGNAL NAME
A	115 VAC POWER
B	115 VAC RETURN
C	CHASSIS GROUND
D	SIGNAL GROUND

22. MATERIAL AND FINISH FOR J3 AND J4 WAVEGUIDE FLANGES: AL ALLOY 6061-T6 IN ACCORDANCE WITH AMS-QQ-A-250/11. NI PLATE PER QQ-N-290, CLASS 1, SEMI-BRIGHT, CORROSION PROTECTION GRADE F THRU G (.0002 THICK MIN) OVER NI PLATE PER MIL-C-26074, CLASS 4, .0005 THICK MIN.

21. CAUTION LABEL: ESD SENSITIVE.

20. WAVESTREAM IDENTIFICATION LABEL.

19. HONEYWELL MOD DOT LABEL.

18. ENVIRONMENTAL QUALIFICATION CHARACTERISTICS PER TABLE 5.

17. SPUD DESIGN PER AS5131B36.

16. WARNING LABEL: HAZARDOUS RF ENERGY. DO NOT TURN ON WITHOUT PROPER OUTPUT TERMINATION. DO NOT LOOK INTO OR TOUCH OUTPUT OPENING.

15. CAUTION LABEL: HOT SURFACE. DO NOT TOUCH.

14. CAUTION LABEL: SHOCK HAZARD. HIGH VOLTAGE INSIDE.

13. MATERIAL AND FINISH FOR CHASSIS AND MOUNTING FEET: AL ALLOY 6061-T6 IN ACCORDANCE WITH AMS-QQ-A-250/11. EXTERNAL SURFACES: BLACK SANDEX POWDER COAT OVER CHEM-FILM PER MIL-DTL-5541 TYPE II, CLASS 3.

12. CONNECTORS FITTED WITH PROTECTIVE SHIPPING COVERS. REMOVE PRIOR TO TEST OR FINAL INSTALLATION.

11. ELECTROSTATIC DISCHARGE SENSITIVE (ESD). HANDLE PER IPC-A-610.

10.  INDICATES CENTER OF GRAVITY.

9. KRFU EXTERNAL CONNECTORS IDENTIFICATION PER TABLE 2. J1 AND J2 CONNECTORS CONTACTS ASSIGNMENT PER TABLE 3 AND 4 ACCORDINGLY.

8. COOLING: FORCED AIR BLOWN THROUGH COOLING SPUD PER ARINC 791. STANDARD AIR FLOW: 77 KG/HR AT 40°C AT SEA LEVEL WITH PRESSURE DROP OF 250±50Pa.

7. HONEYWELL IDENTIFICATION LABEL INCLUDES:

DESCRIPTION  
H/W PART NUMBER AND REVISION  
S/W PART NUMBER AND VERSION  
SERIAL NUMBER  
DATE OF MANUFACTURE  
WEIGHT  
CAGE CODE  
COUNTRY OF ORIGIN AND SITE TRANSPORT CANADA MFG CODE

6. POWER DISSIPATION AT 96-122VAC (320-800Hz): 132 W MAX @ MAXIMUM OUTPUT POWER (MOP). POWER CONSUMPTION AT 96-122VAC (320-800Hz): 150 W MAX @ MOP. CURRENT DRAW IN AMPERES: 2.7A RMS MAXIMUM. POWER FACTOR: GREATER THAN 0.98.

5. INDICATED SURFACE IS INTENDED FOR ELECTRICAL BONDING.

4. ASSOCIATED CAD DATA HAS BEEN MODELED TO NOMINAL DIMENSIONS.

3. WEIGHT: 6.6 kg (14.6 lb) MAX.

2. DIMENSIONS SHOWN ARE FOR INSTALLATION PURPOSES ONLY.

1. DIMENSIONS AND TOLERANCES IN ACCORDANCE WITH ASME Y14.5M-1994.

NOTES: UNLESS OTHERWISE SPECIFIED:

25. UNIT SHALL BE INSTALLED USING ALL 4 MOUNTING HOLES AND MAY BE INSTALLED IN ANY ORIENTATION. RECOMMEND FASTENERS TO BE .190-32 UNJF-3A CORROSION RESISTENT STEEL CRES-A286.

24. UNIT EXPORT CONTROL CLASSIFICATION NUMBER IS 7A994.

23. FCC LABEL.

TABLE 2: GXA Ka KRFU EXTERNAL CONNECTORS IDENTIFICATION

REF. DES	PART NUMBER	MATES WITH	FUNCTION	REMARKS
J1	D38999/20FC4PN	D38999/26FC4SN (AMPHENOL)	POWER INPUT	4 PIN
J2	D38999/20FC35PN	D38999/26FC35SN (AMPHENOL)	CONTROL INTERFACE	22 PIN
J3	M3922/54-003	M3922/59-005 (THRU HOLE FLANGE)	RF TX INTERFACE	WR-28 WAVEGUIDE WITH FLANGE UG599/U PER MIL-DTL-3922/54. EXCEPT AS DEFINED IN THIS DRAWING
J4	M3922/54-001	M3922/59-003 (THRU HOLE FLANGE)	RF RX INTERFACE	WR-42 WAVEGUIDE WITH FLANGE UG595/U PER MIL-DTL-3922/54. EXCEPT AS DEFINED IN THIS DRAWING
J5	TNC FEMALE PER MIL-C-87104/2	TNC MALE PER MIL-C-87104/2 (AMPHENOL)	IF TX INTERFACE	LABELED BLUE
J6	TNC FEMALE PER MIL-C-87104/2	TNC MALE PER MIL-C-87104/2 (AMPHENOL)	IF RX INTERFACE	LABELED GREEN

TABLE 4: J2 CONTROL CONNECTOR CONTACT ASSIGNMENTS

CONTACT NUMBER	SIGNAL NAME
1	EN1: TX LOW (SPARE)
2	TP18-1 (SPARE)
3	KRFU FILTER SELECT HI
4	KRFU FILTER SELECT LO
5	KRFU TX MUTE HI
6	KRFU TX MUTE LO
7	KRFU RESET HI
8	KRFU RESET LO
9	SPARE
10	SPARE
11	RS-422: KRFU TO KANDU HI
12	RS-422: KRFU TO KANDU LO
13	TP19-1 (SPARE)
14	EN1: RX HIGH (SPARE)
15	EN1: RX LOW (SPARE)
16	TP18-2 (SPARE)
17	RS-422: KANDU TO KRFU HI
18	RS-422: KANDU TO KRFU LO
19	TP17-1 (SPARE)
20	TP19-2 (SPARE)
21	EN1: TX HIGH (SPARE)
22	TP17-2 (SPARE)

TABLE 5: GXA Ka KRFU ENVIRONMENTAL QUALIFICATION CHARACTERISTICS

ENVIRONMENTAL CONDITIONS	LIMITS	RTCA/DO-160G SPECIFICATION
GROUND SURVIVAL LOW TEMPERATURE	-55°C	SECTION 4.5.1, CAT D2
OPERATING LOW TEMPERATURE	-55°C	SECTION 4.5.2, CAT D2
GROUND SURVIVAL HIGH TEMPERATURE	+85°C	SECTION 4.5.3, CAT D2
OPERATING HIGH TEMPERATURE	+70°C	SECTION 4.5.4, CAT D2
IN-FLIGHT LOSS OF COOLING	30 MIN., NO DAMAGE. OVER TEMPERATURE SHUTDOWN OF PA IS EXPECTED.	SECTION 4.5.5, CAT Z
ALTITUDE	51000 FT	SECTION 4.6.1, CAT D2
DECOMPRESSION	15000 FT TO 51000 FT	SECTION 4.6.2, CAT A2
OVER PRESSURE	170 KPA (-15000 FT)	SECTION 4.6.3, CAT A2
TEMPERATURE VARIATION	±10°C/MIN.	SECTION 5, CAT A
HUMIDITY	85% RH @38°C 95% RH @65°C	SECTION 6, CAT B
OPERATIONAL SHOCK	3 SHOCK OF 6 G, 11 MS, 6 DIRECTIONS 3 SHOCK OF 6 G, 20 MS, 6 DIRECTIONS	SECTION 7, CAT B & E
CRASH SAFETY IMPULSE	1 SHOCK OF 20 G, 11 MS, 6 DIRECTIONS 1 SHOCK OF 20 G, 20 MS, 6 DIRECTIONS	SECTION 7, CAT B & E
CRASH SAFETY SUSTAINED	18 G, 3 SECS, 6 DIRECTIONS	SECTION 7, CAT B
VIBRATION	ROBUST RANDOM CURVE E & E1	SECTION 8, CAT R
EXPLOSIVE ATMOSPHERE	AIRCRAFT ZONE III	SECTION 9, CAT E
WATER PROOFNESS	CONDENSING AND SPRAYED	SECTION 10, CAT Y & R
FLUIDS SUSCEPTIBILITY	DE-ICING FLUID	SECTION 11, CAT F
SAND AND DUST	DUST	SECTION 12, CAT D
FUNGUS RESISTANCE	BY ANALYSIS	SECTION 13, CAT F
SALT FOG		SECTION 14, CAT S
ICING		SECTION 24, CAT A

Figure 2-29. KRFU, Forced Air Cooled, Outline and Installation Drawing (Sheet 1 of 3)

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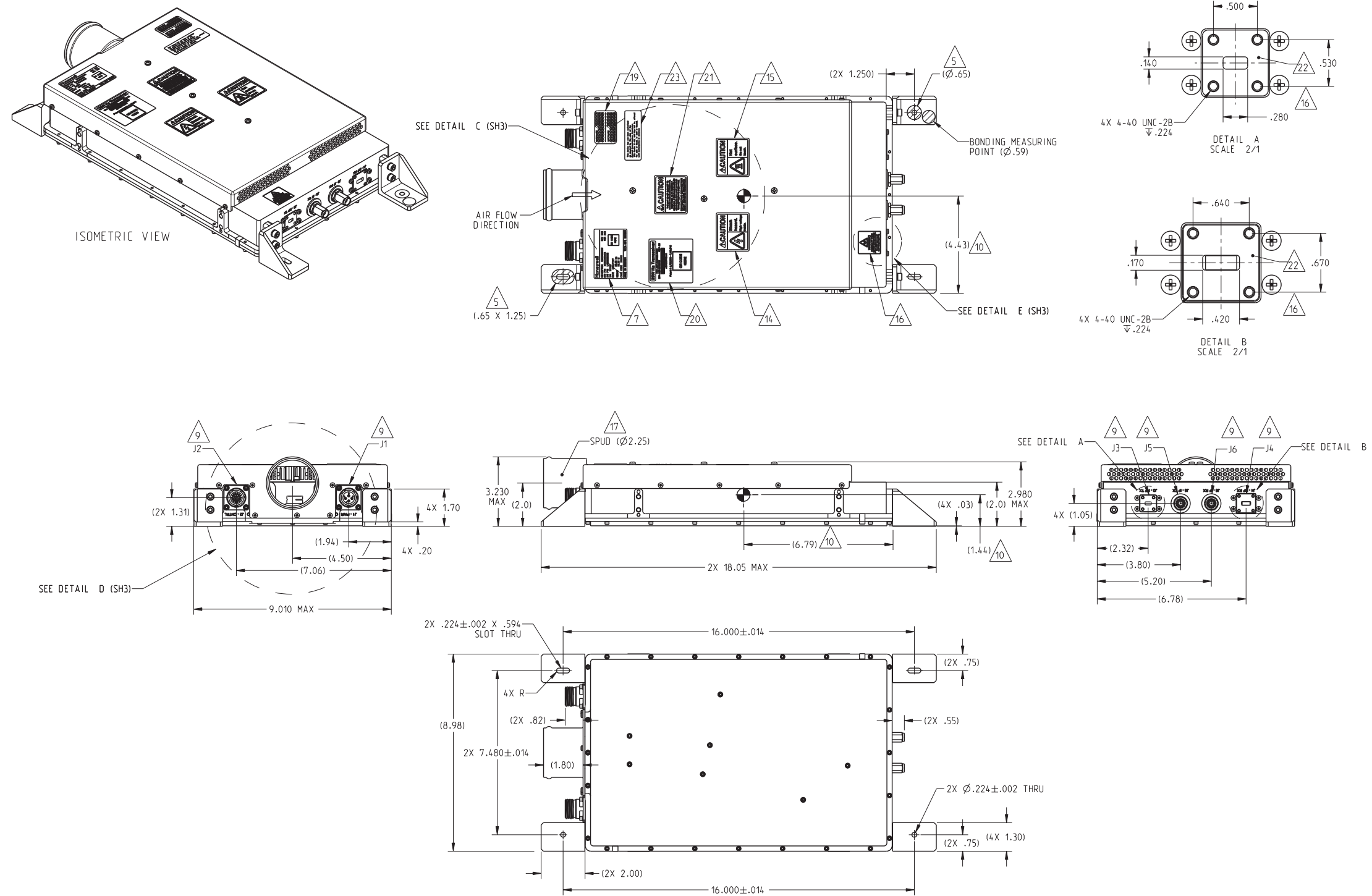
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## SYSTEM DESCRIPTION AND INSTALLATION MANUAL JetWave™ System



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Figure 2-29. KRFU, Forced Air Cooled, Outline and Installation Drawing (Sheet 2 of 3)

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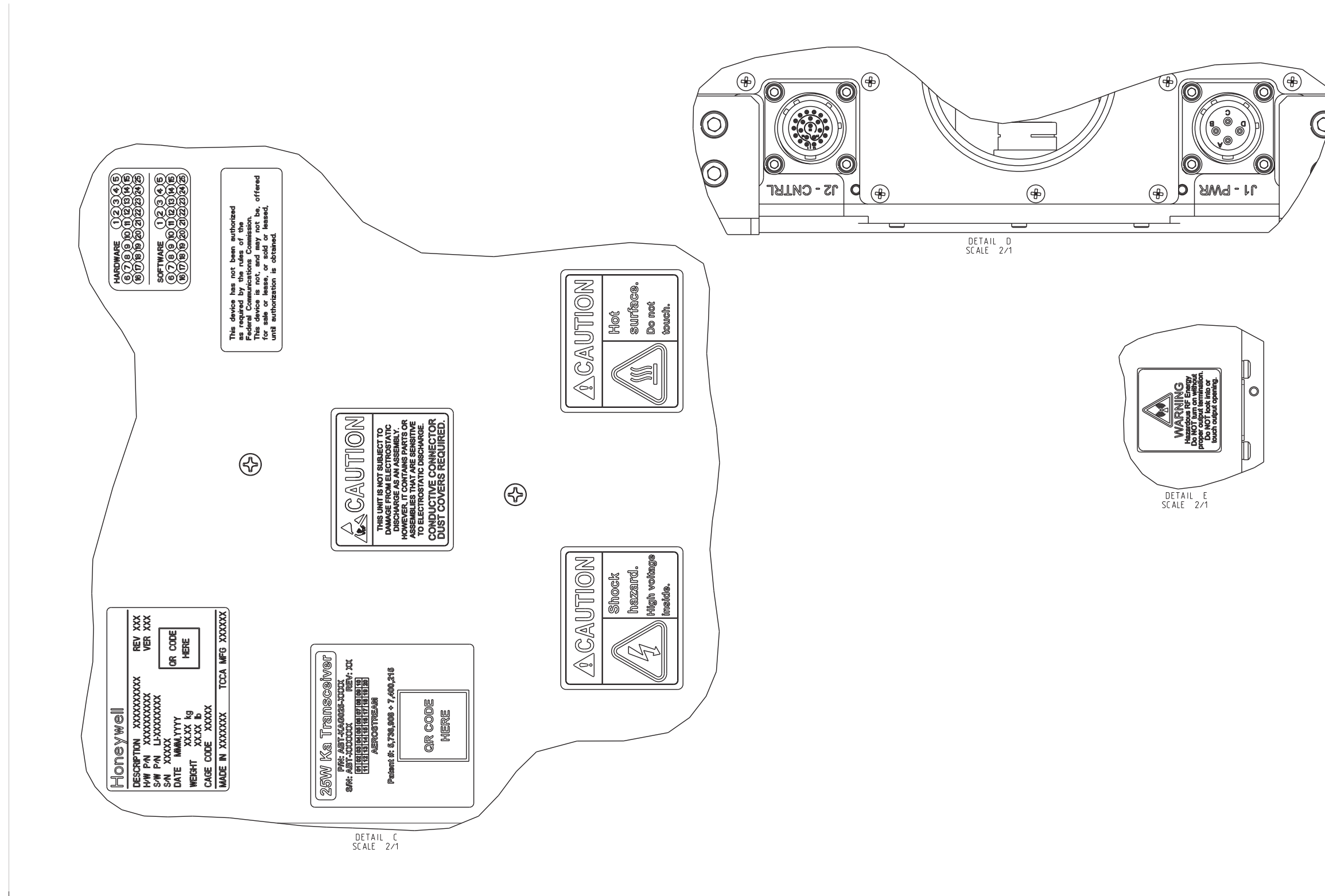


Figure 2-29. KRFU, Forced Air Cooled, Outline and Installation Drawing (Sheet 3 of 3)

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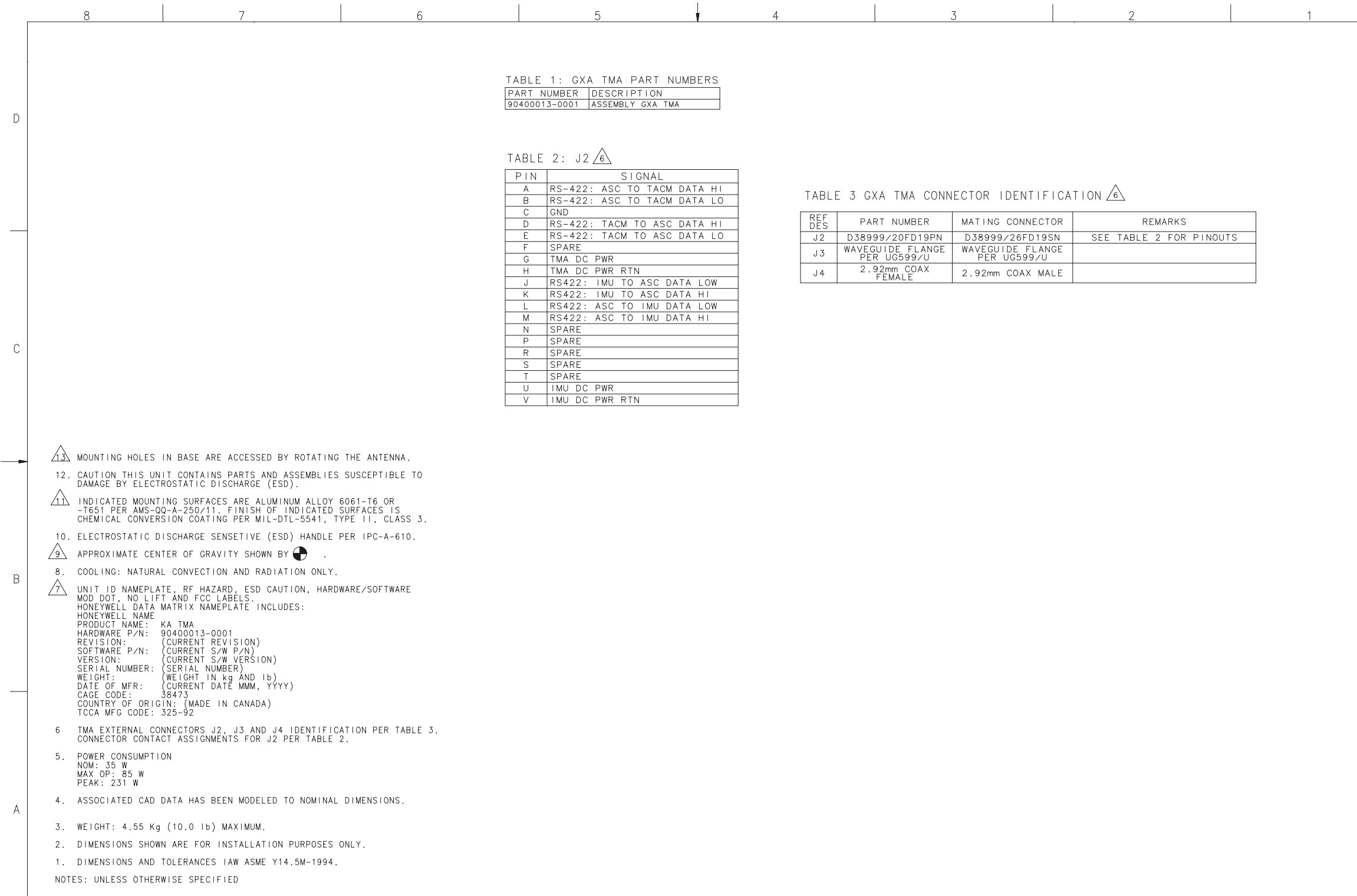


Figure 2-30. TMA Outline and Installation Drawing (Sheet 1 of 4)

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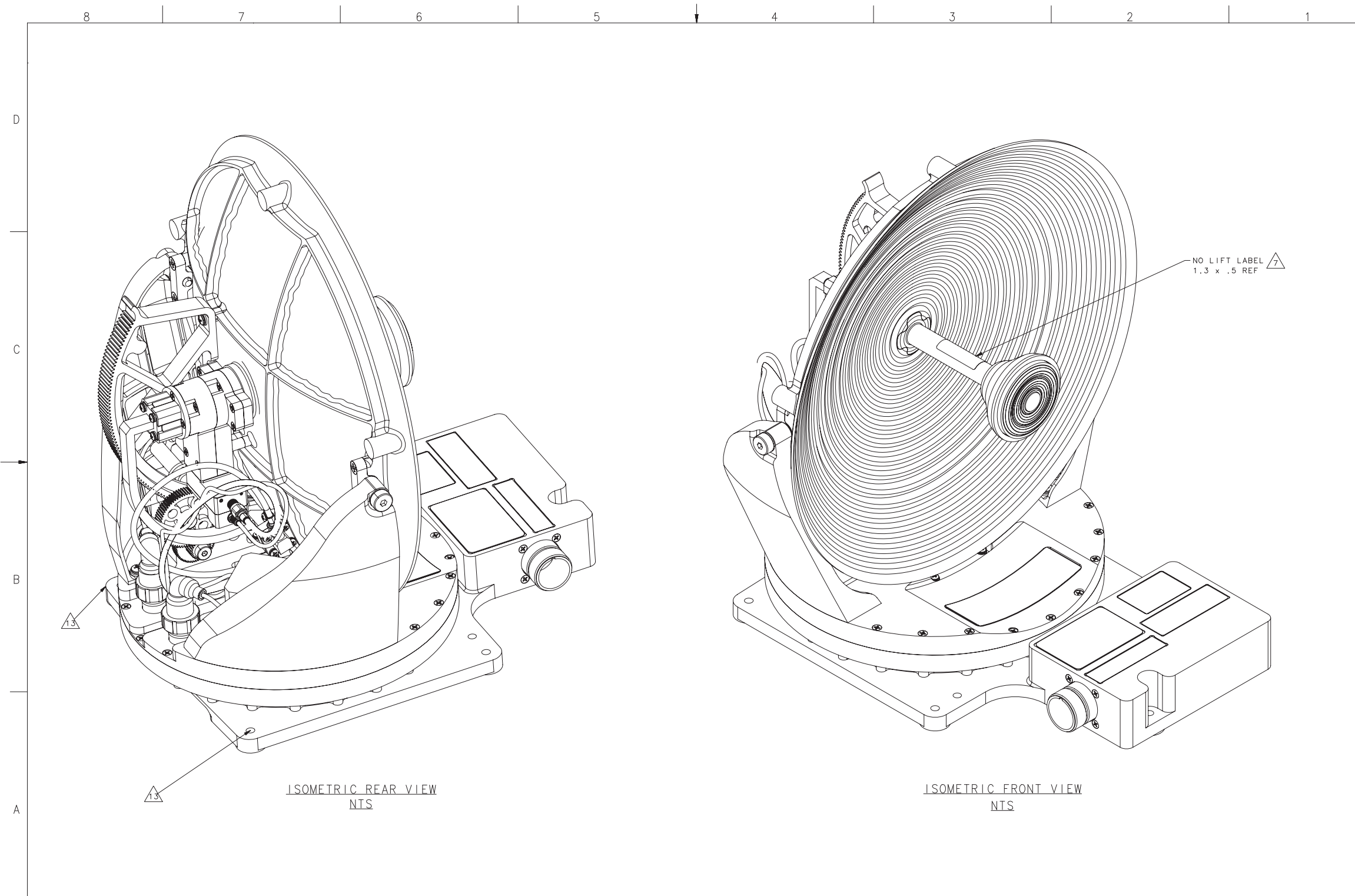


Figure 2-30. TMA Outline and Installation Drawing (Sheet 2 of 4)

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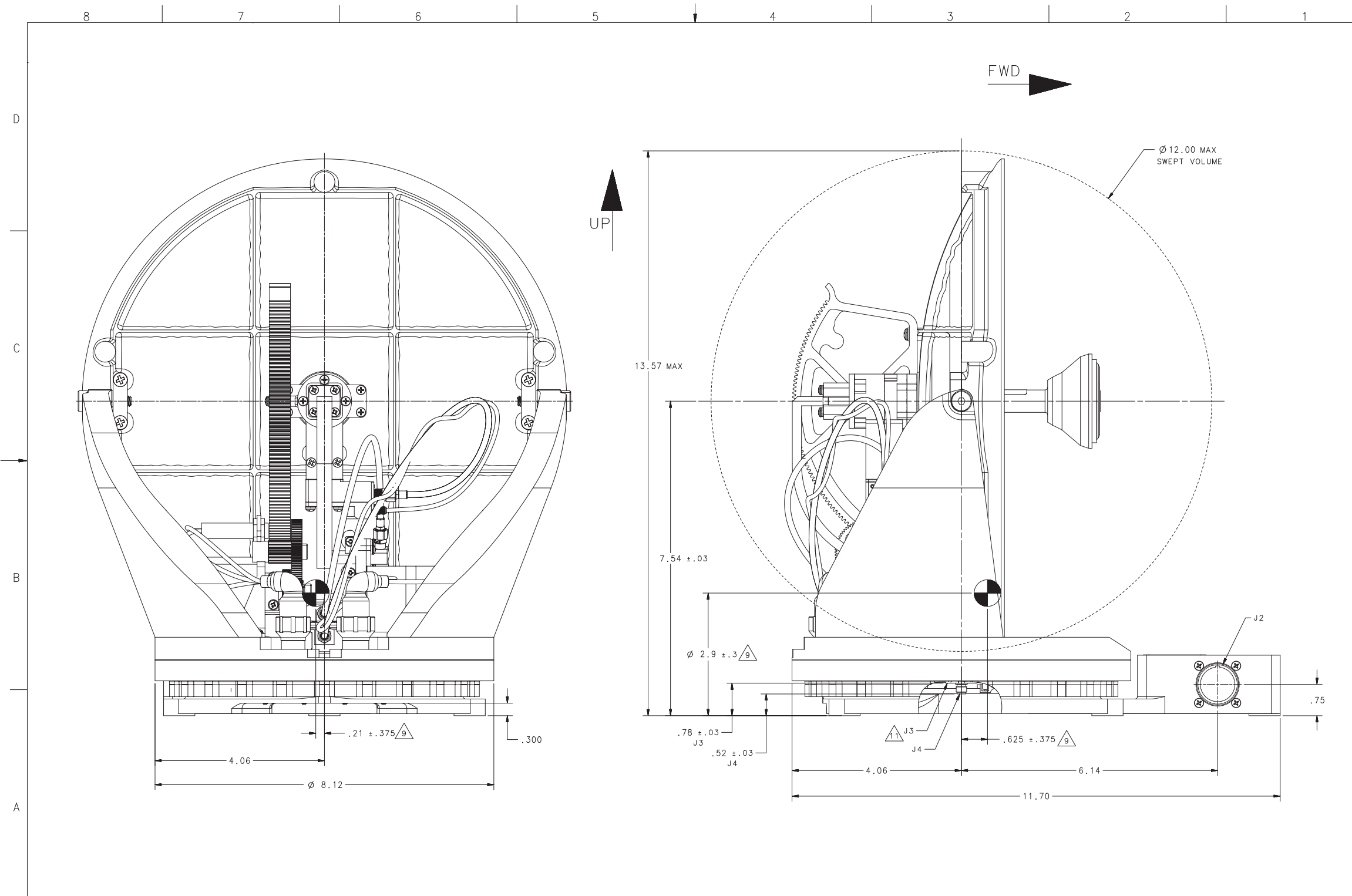


Figure 2-30. TMA Outline and Installation Drawing (Sheet 3 of 4)

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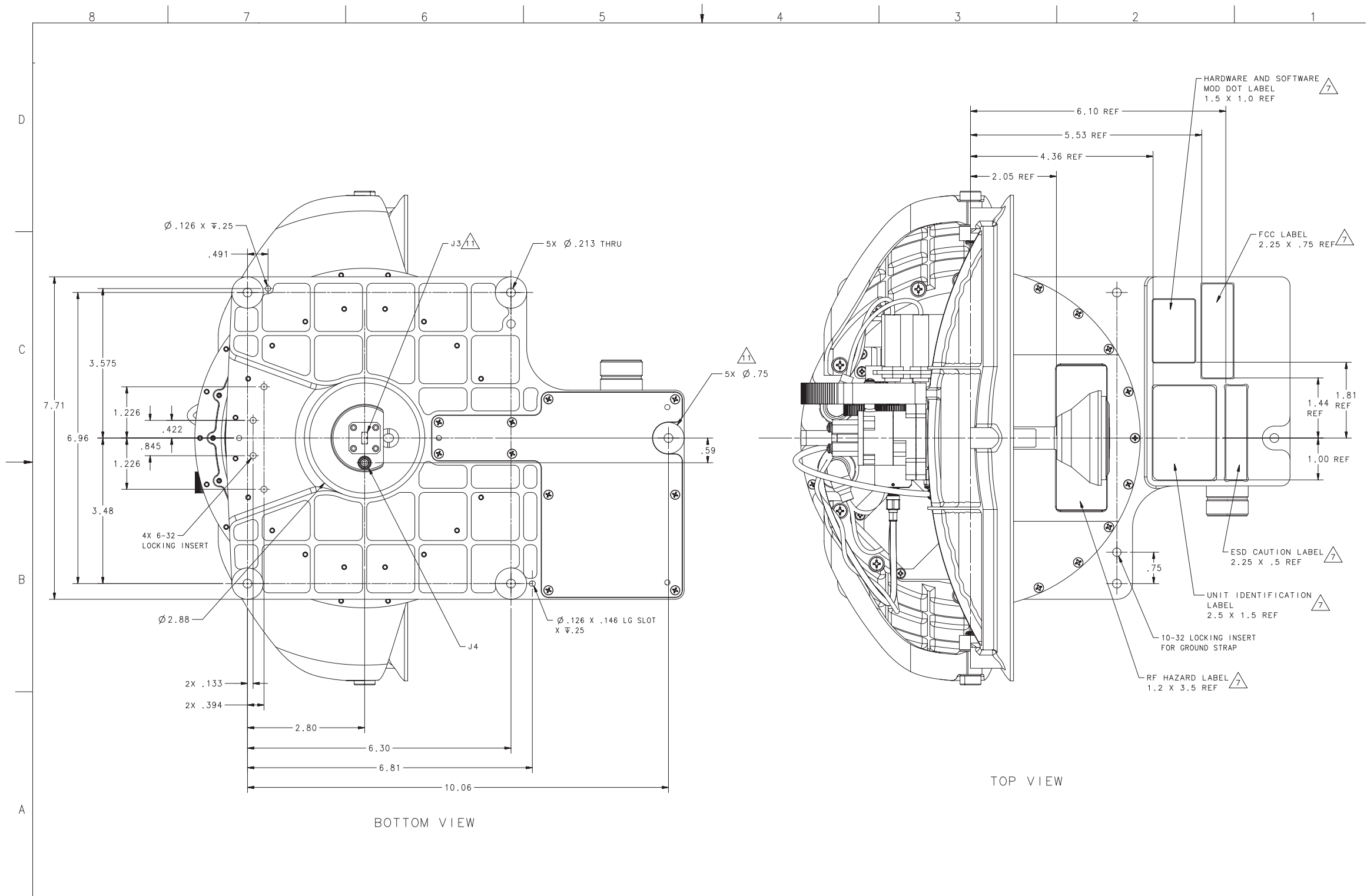


Figure 2-30. TMA Outline and Installation Drawing (Sheet 4 of 4)

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## SYSTEM DESCRIPTION AND INSTALLATION MANUAL JetWave™ System

### NOTES:

Unless otherwise specified

1. Dimensions and tolerances in accordance with ASME Y14.SM-1994.  
Unless otherwise specified, dimensions are in inches.  
Tolerances on:  
X.XX ±0.03  
X.XXX ±0.010  
∠ ±2°
2. Dimensions shown are for installation purposes only.
3. Weight:
  - 3.1 Fuselage mount antenna, PN 90000380-1: 83.0 pounds maximum.
  - 3.2 Lifting fixture, PN 90000528-001: 5.50 pounds maximum (Sheet 9).
4. Associated CAD data has been modeled to nominal dimensions.
- 5 Indicated surfaces are intended for electrical bonding measurement.  
See Sheet 3, Zone C4 and Sheet 6, Zone A6.  
Resistance from bonding measurement point indicated to base mounting ring point shall be 50.0 milliohms maximum.
6. Power consumption:
  - FMA requirements:
    - 6A peak, 135W steady-state (at 38 VDC)
  - IMU requirements:
    - 25W peak below -20°C, 11W between -20°C and +10°C, 2.5W above +10°C.(Note: approximate internal IMU temperatures are referenced)
- 7 Honeywell data matrix label includes:
  - Honeywell name
  - Product name: FMA
  - Hardware/software part numbers
  - Serial number
  - Weight
  - Date of manufacture
  - Hardware MOD strike array
  - Cage code
  - Country of origin
  - AR code encoding cage code, serial number, hardware part number and date of manufacture
  - Inspection stamp
8. Cooling: Natural convection and radiation only. See Sheet 11 for cooling surfaces.
- 9 FMA external connectors identification per Table 2. P1, P2 and P3 connectors contact assignments per Table 3, 4, and 5 accordingly. Cables consist of multiple stranded wires in a shielded and insulated jacket. Use cushioned cable clamps to secure cable to aircraft when routing to the mating connector. Ensure cable routing does not obstruct antenna azimuth or elevation rotation defined by swept volume on Sheet 7.
- 10 ⊕ indicates center of gravity (see Sheet 3).
11. Electrostatic discharge sensitive (ESD). Handle per IPC-A-610.
12. Connectors fitted with protective shipping covers. Remove prior to test or final installation.
- 13 Indicated mounting surfaces are aluminum alloy 6061-T651 per SAE-AMS4027. Finish of indicated surfaces is chemical conversion coating per MIL-DTL-5541, Type I or II, Class 3, with two coats of primer per MIL-PRF-85582, Type I, Class N.
- 14 **CAUTION: CONTAINS PARTS AND ASSEMBLIES SUSCEPTIBLE TO DAMAGE BY ELECTROSTATIC DISCHARGE (ESD).**
15. Environmental qualification characteristics per Table 6.
- 16 Mounting holes in base are accessed from the top between the antenna and turntable by rotating the assembly in azimuth. Force required to rotate the unit shall be less than 2.5 lb/ft. Mounting hole locations will accommodate 0.52 inch maximum diameter flat washers and socket head cap screws.
17. Mating connectors P1, P2 and P3 must be grounded to aircraft adapter plate. Resistance from connector shell shall be 5 milliohms maximum.
- 18 Swept volume includes manufacturing tolerances, thermal deflection and dynamic deflection during operation.
19. Export Control Classification Number: 7E994.
- 20 Indicated surfaces are intended for electrical bonding measurement. See Sheet 6, Zone A6.  
Resistance from FMA base mounting ring bonding measurement point to adapter plate grounding point must be no greater than 2.5 milliohms. After bonding measurement coat with primer per MIL-PRF-85582, Type I, Class N.
21. Testing:
  - 21.1 Deleted.
  - 21.2 Acceptance test per 90000380QTP as defined in Section 1.3 and performed in the following sections: 5.1, 5.2.1, 5.2.2, 5.2.3, 5.2.5 and 5.2.7.

Figure 2-31. FMA Outline and Installation Drawing (Sheet 1 of 12)

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## SYSTEM DESCRIPTION AND INSTALLATION MANUAL JetWave™ System

TABLE 1 GXA FMA PART NUMBER	
PART NUMBER	DESCRIPTION
90000380-1	GXA FMA ASSEMBLY

TABLE 2 FMA EXTERNAL CONNECTORS IDENTIFICATION				
REF. DES.	PART NUMBER	MATES WITH	FUNCTION	REMARKS
P1	PART NUMBER D38999/26FC4PN AMPHENOL CAGE CODE: 02660	PART NUMBER D38999/20FC4SN AMPHENOL CAGE CODE: 02660 <a href="#">17</a>	POWER INPUT	4 PIN
P2	PART NUMBER D38999/26FB35PN AMPHENOL CAGE CODE: 02660	PART NUMBER D38999/20FB35SN AMPHENOL CAGE CODE: 02660 <a href="#">17</a>	SIGNAL INTERFACE	13 PIN
P3	PART NUMBER D38999/26FB35PA AMPHENOL CAGE CODE: 02660	PART NUMBER D38999/20FB35SA AMPHENOL CAGE CODE: 02660 <a href="#">17</a>	TX MUTE/IMU	13 PIN
J4	2.92 MM FEMALE PART NUMBER SF1115-6045 SV MICROWAVE, INC. CAGE CODE: 95077	2.92 MM MALE SEE DETAIL F SHEET 8 MATING COAX DIMENSIONS	RF RX INTERFACE	N/A
J5	90000804-001	SEE DETAIL E SHEET 8 MATING WAVEGUIDE DIMENSIONS	RF TX INTERFACE (WR34)	N/A

TABLE 3 P1 POWER CONNECTOR CONTACT ASSIGNMENT	
PIN	SIGNAL
A	38VDC_POWER
B	38VDC_POWER_RETURN
C	FMA CHASSIS GROUND
D	SPARE

TABLE 4 P2 SIGNAL CONNECTOR CONTACT ASSIGNMENT	
PIN	SIGNAL
1	MAINTENANCE_ETHERNET_TX+
2	MAINTENANCE_ETHERNET_TX-
3	MAINTENANCE_ETHERNET_RX+
4	MAINTENANCE_ETHERNET_RX-
5	CMD_STATUS_422_RX_HI
6	CMD_STATUS_422_RX_LO
7	CMD_STATUS_422_TX_HI
8	CMD_STATUS_422_TX_LO
9	CMD_STATUS_422_REFERENCE GROUND
10	SPARE
11	SPARE
12	SPARE
13	SPARE

TABLE 5 P3 TX MUTE/IMU CONNECTOR CONTACT ASSIGNMENT	
PIN	SIGNAL
1	IMU_TO_KANDU_422_DATA_HI
2	IMU_TO_KANDU_422_DATA_LO
3	KANDU_TO_IMU_422_DATA_HI
4	KANDU_TO_IMU_422_DATA_LO
5	IMU 24 V POWER
6	IMU 24 V POWER RETURN
7	TX TAIL_SECTOR_MUTE_SWITCH
8	TX TAIL_SECTOR_MUTE_SWITCH_RETURN
9	SPARE
10	SPARE
11	SPARE
12	SPARE
13	SPARE

TABLE 6 FMA ENVIRONMENTAL QUALIFICATION CHARACTERISTICS		
ENVIRONMENTAL CONDITIONS	LIMITS	RTCA DO-160G SPECIFICATION
GROUND SURVIVAL LOW TEMPERATURE	-55°C	SECTION 4.5.1, CAT F2
OPERATING LOW TEMPERATURE	-55°C	SECTION 4.5.2, CAT F2
GROUND SURVIVAL HIGH TEMPERATURE	+90°C	SECTION 4.5.3, CAT F2
OPERATING HIGH TEMPERATURE	+70°C	SECTION 4.5.4, CAT F2
IN-FLIGHT LOSS OF COOLING	NOT APPLICABLE	NOT APPLICABLE
ALTITUDE	55,000 FT	SECTION 4.6.1, CAT F2
DECOMPRESSION	NOT APPLICABLE	NOT APPLICABLE
OVER PRESSURE	NOT APPLICABLE	NOT APPLICABLE
TEMPERATURE VARIATION	10°C/MIN	SECTION 5, CAT A
HUMIDITY	85% RH AT 38°C 95% RH AT 65°C	SECTION 6, CAT B
OPERATIONAL SHOCK	3 SHOCKS OF 6G/11MS IN 6 DIRECTIONS 3 SHOCKS OF 6G/20MS IN 6 DIRECTIONS	SECTION 7, CAT B AND E
CRASH SAFETY IMPULSE	1 SHOCK OF 20G/11MS IN 6 DIRECTIONS 1 SHOCK OF 20G/20MS IN 6 DIRECTIONS	SECTION 7, CAT B AND E
CRASH SAFETY SUSTAINED	10G UP 8G DOWN 18G FORWARD 4G AFT 6G SIDE	SECTION 7, CAT B AND E
VIBRATION	RANDOM CURVE C AND C1	SECTION 8, CAT S AND R
EXPLOSIVE ATMOSPHERE	AIRCRAFT ZONE 111 (HEPTANE INSTEAD OF HEXANE)	SECTION 9, CAT E
WATER PROOFNESS	CONDENSING AND DRIP	SECTION 10, CAT Y AND W
FLUIDS SUSCEPTIBILITY	DE-ICING FLUID (SPRAY TEST ONLY)	SECTION 11, CAT F
SAND AND DUST	DUST ONLY	SECTION 12, CAT D
FUNGUS RESISTANCE	BY ANALYSIS	SECTION 13, CAT F
SALT FOG	CAT S	SECTION 14, CAT S
ICING	CAT B	SECTION 24, CAT B

Figure 2-31. FMA Outline and Installation Drawing (Sheet 2 of 12)

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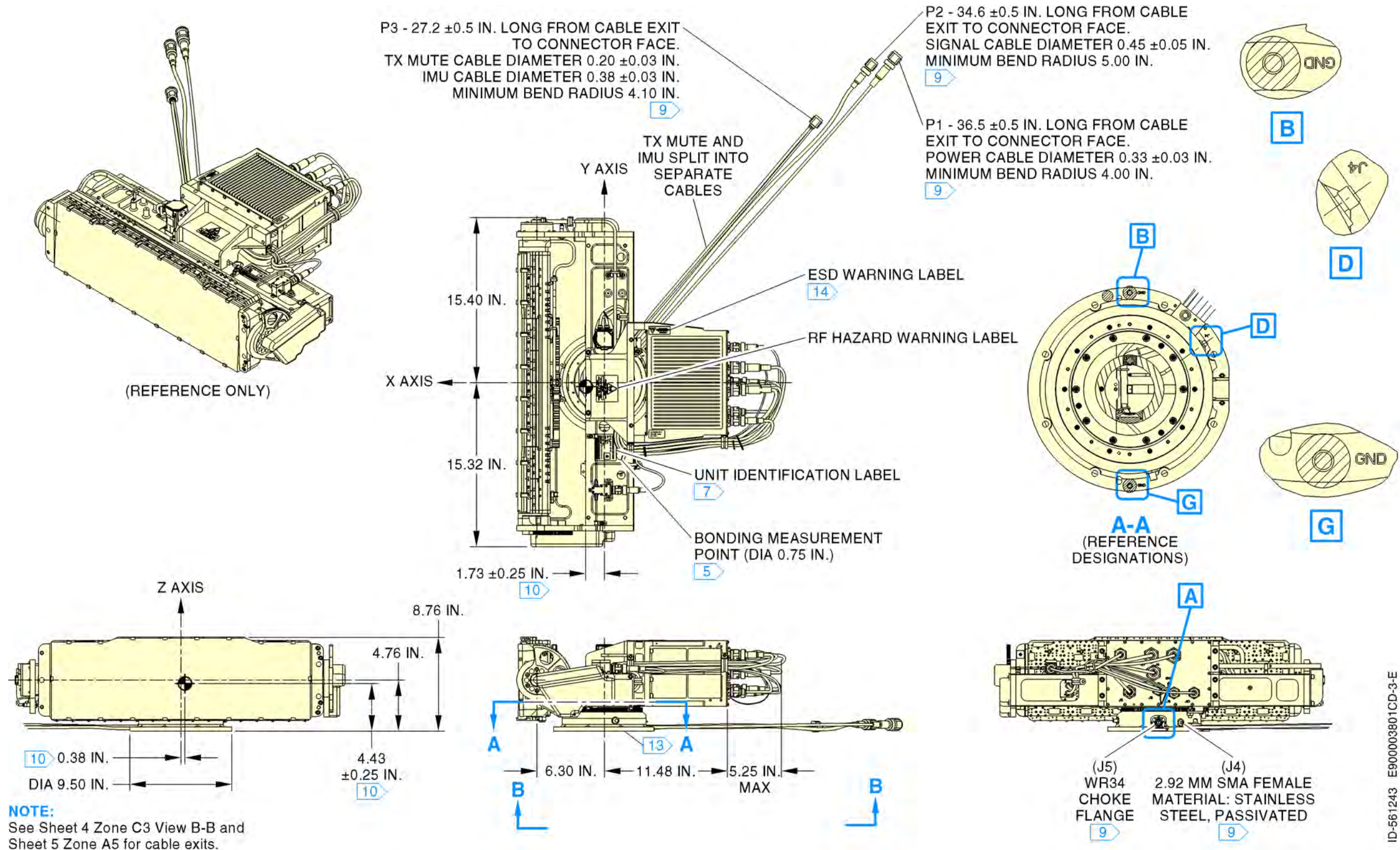


Figure 2-31. FMA Outline and Installation Drawing (Sheet 3 of 12)

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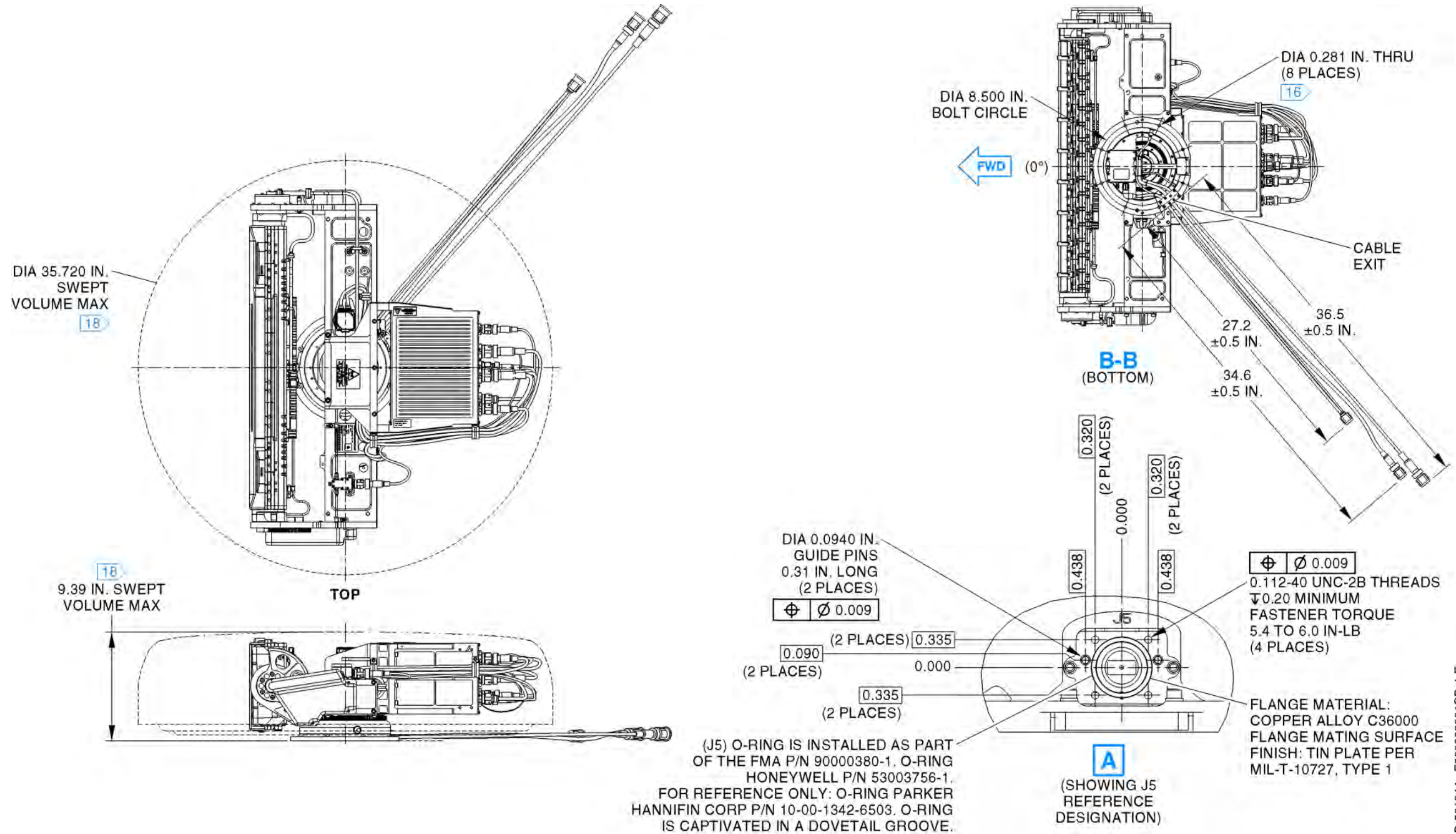
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Figure 2-31. FMA Outline and Installation Drawing (Sheet 4 of 12)

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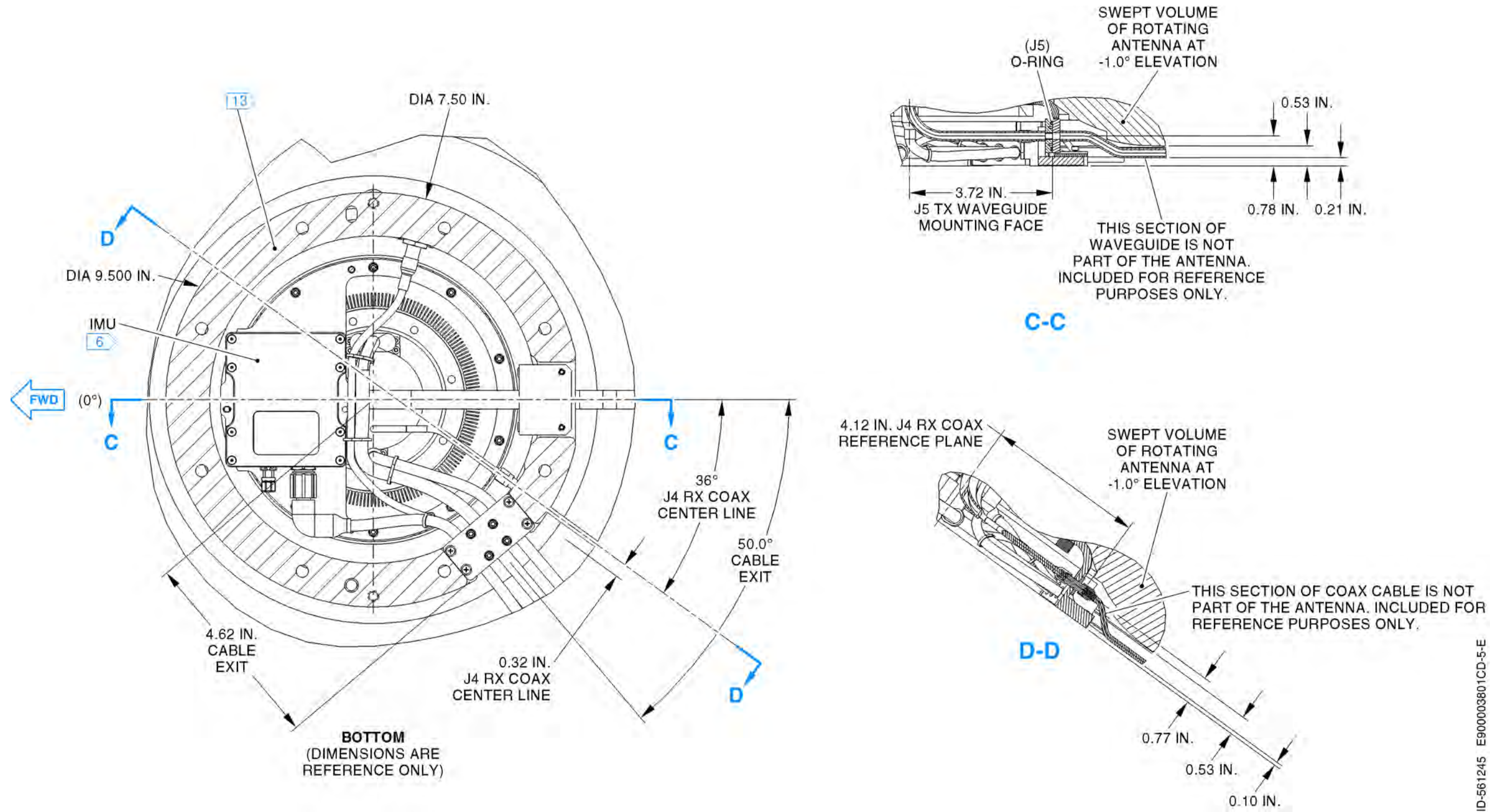


Figure 2-31. FMA Outline and Installation Drawing (Sheet 5 of 12)

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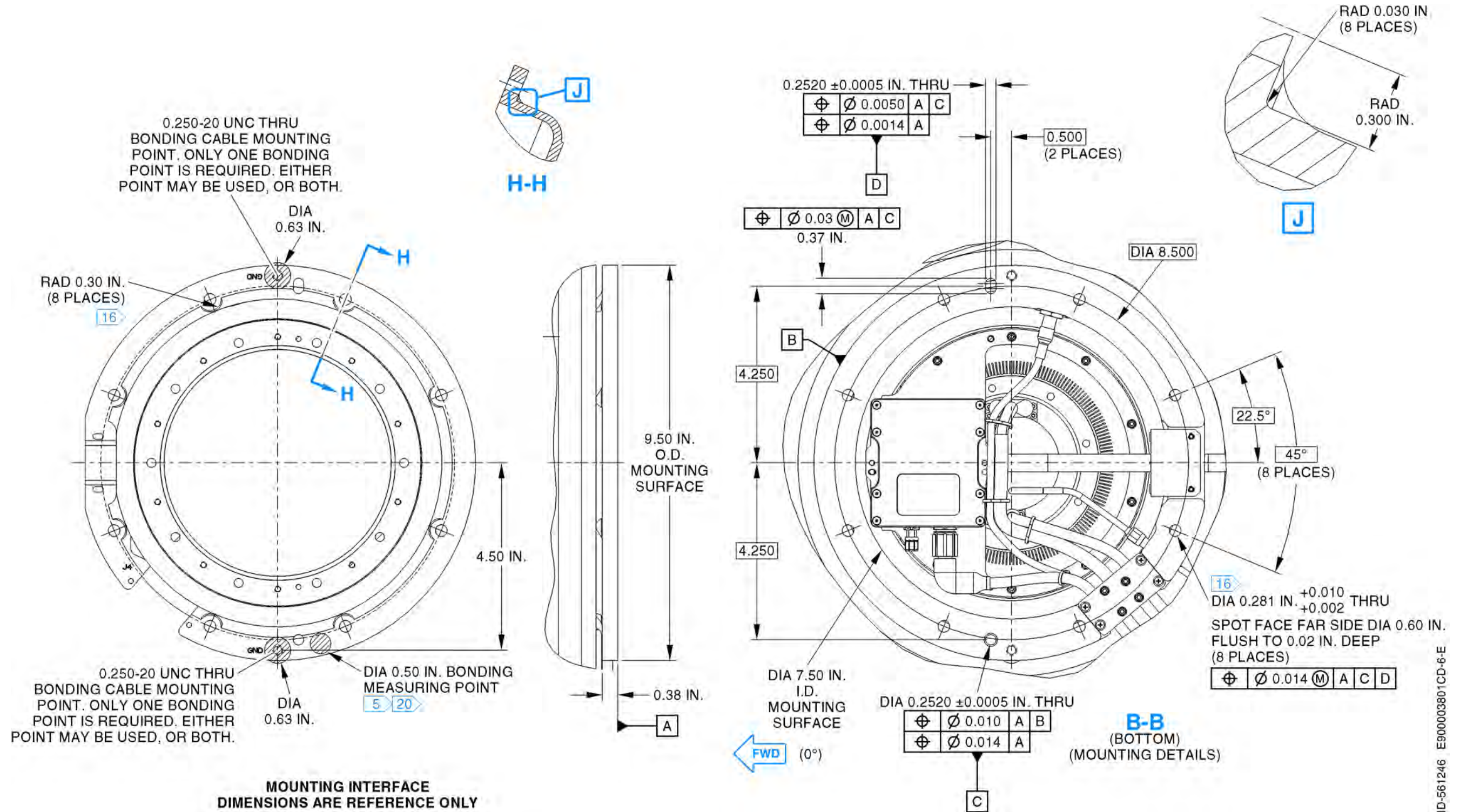


Figure 2-31. FMA Outline and Installation Drawing (Sheet 6 of 12)

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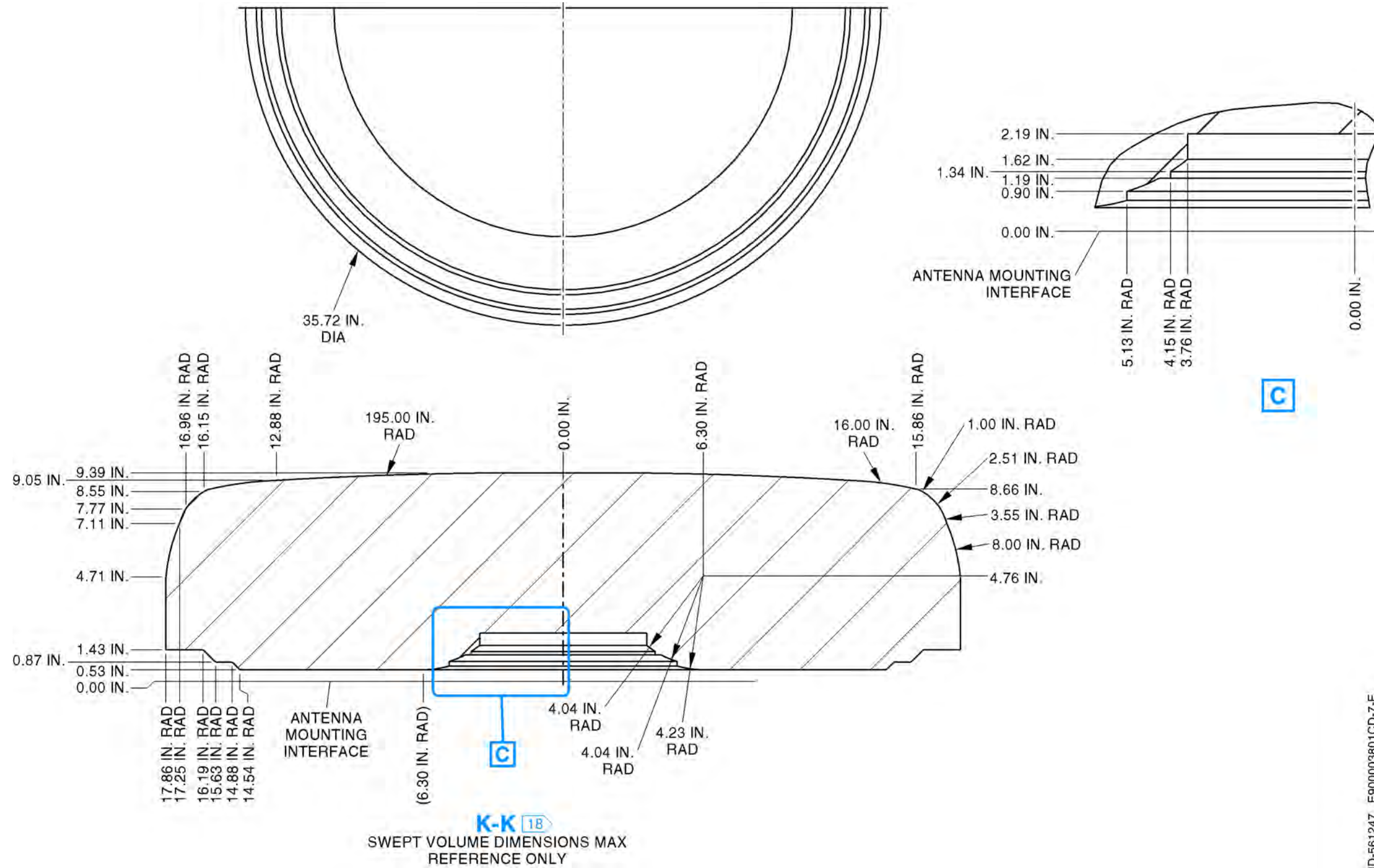


Figure 2-31. FMA Outline and Installation Drawing (Sheet 7 of 12)

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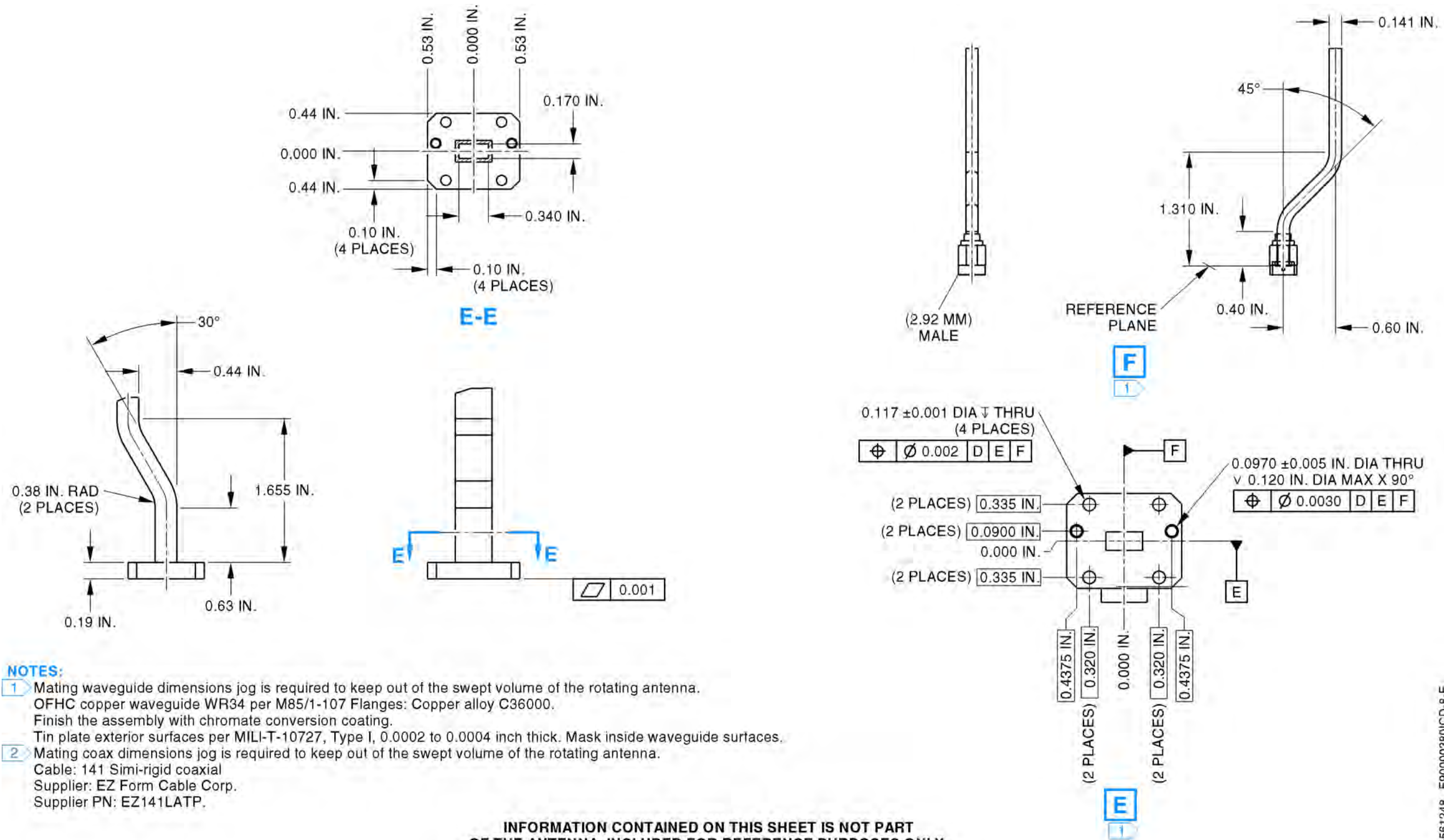
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INFORMATION CONTAINED ON THIS SHEET IS NOT PART  
OF THE ANTENNA, INCLUDED FOR REFERENCE PURPOSES ONLY.

Figure 2-31. FMA Outline and Installation Drawing (Sheet 8 of 12)

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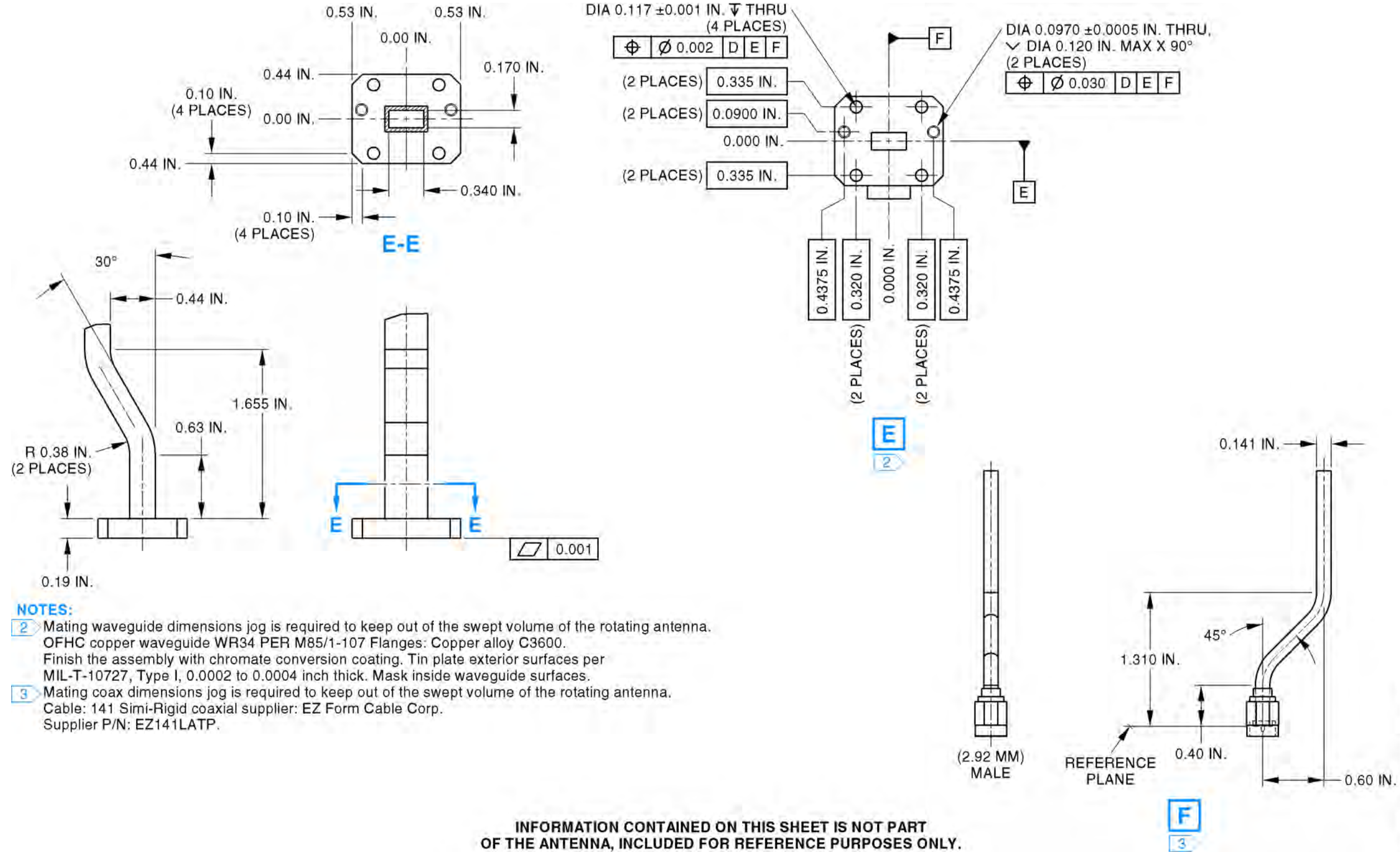


Figure 2-31. FMA Outline and Installation Drawing (Sheet 9 of 12)

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SYSTEM DESCRIPTION AND INSTALLATION MANUAL  
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**Honeywell**

DESCRIPTION GXA FUSELAGE MOUNT ANTENNA

H/W PN 90000380-1 REV XXX  
SN XXXXX  
DATE MM,YYYY

WEIGHT 83.00 LB  
37.64 KG

CAGE CODE 5VWN5


QR  
CODE  
HERE

HARDWARE MOD

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30

MADE IN USA

UNIT IDENTIFICATION LABEL



CAUTION HIGH FREQUENCY  
RADIATION HAZARD


30 GHz

DO NOT APPROACH WITHIN  
66.6ft (20.3M) OF THE ANTENNA  
DURING TRANSMISSION

RF HAZARD WARNING LABEL

**CAUTION**

CONTAINS PARTS AND  
ASSEMBLIES SUSCEPTIBLE TO  
DAMAGE BY ELECTROSTATIC  
DISCHARGE (ESD)



ESD WARNING LABEL

PN 90000452-1 REV X  
CAGE CODE 5VWN5  
SN XXXXX

SUBASSEMBLY MARKING  
REFERENCE ONLY

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Figure 2-31. FMA Outline and Installation Drawing (Sheet 10 of 12)

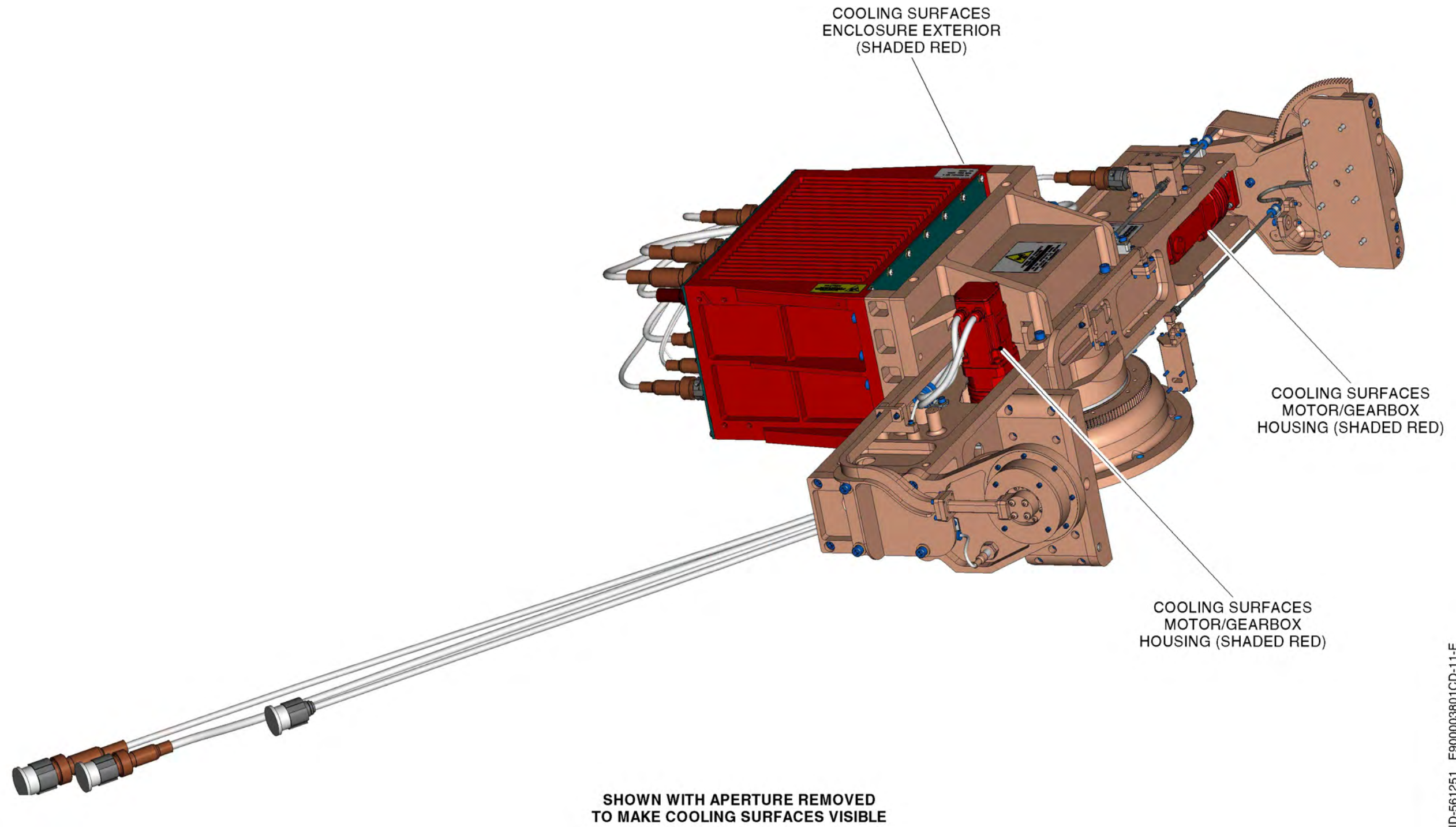
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Figure 2-31. FMA Outline and Installation Drawing (Sheet 11 of 12)

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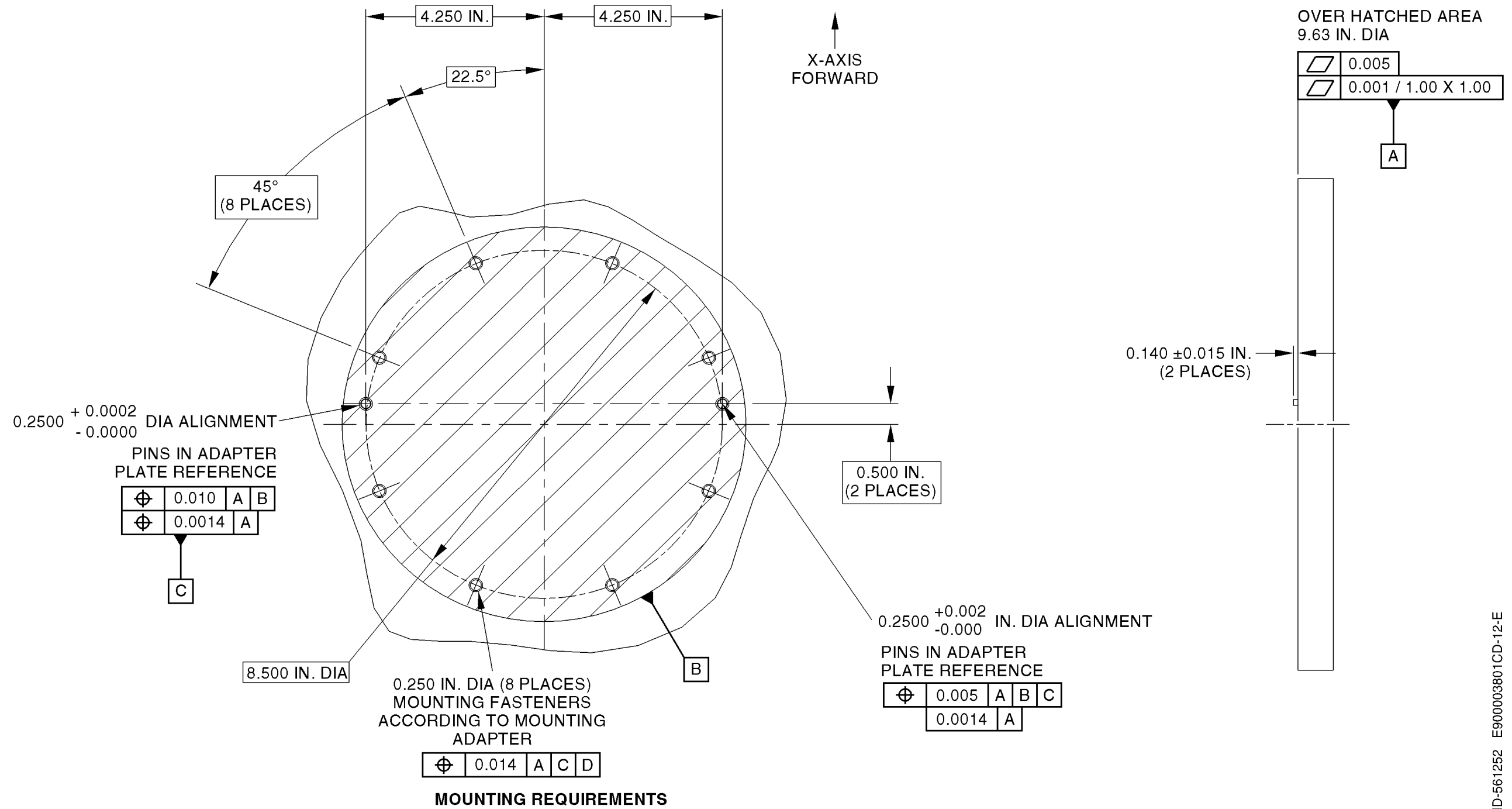


Figure 2-31. FMA Outline and Installation Drawing (Sheet 12 of 12)

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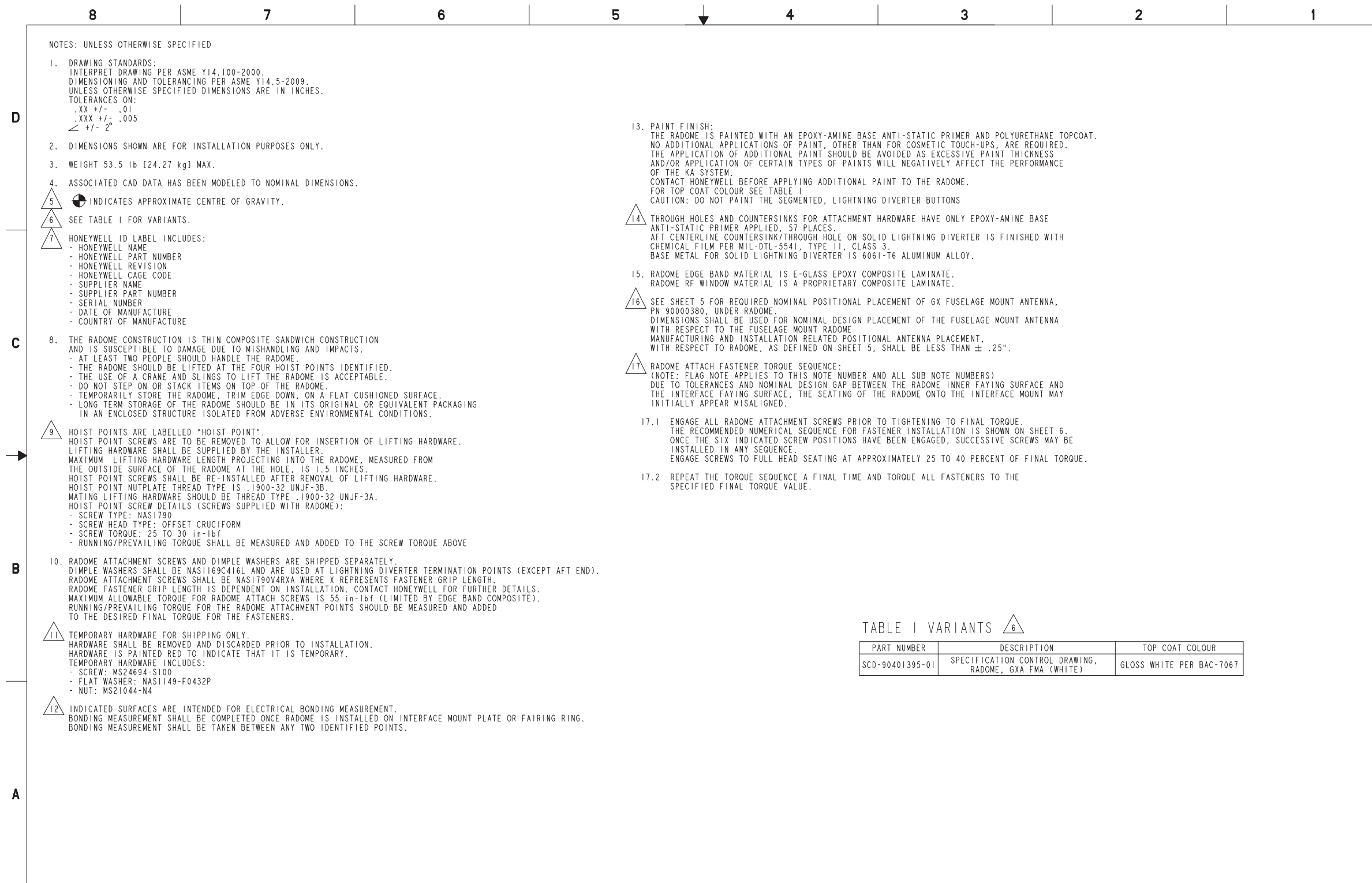


TABLE 1 VARIANTS

PART NUMBER	DESCRIPTION	TOP COAT COLOUR
SCD-90401395-01	SPECIFICATION CONTROL DRAWING, RADOME, GXA FMA (WHITE)	GLOSS WHITE PER BAC-7067

EICD-90401395-1-B

Figure 2-32. Fuselage Mount Radome Outline and Installation Drawing (Sheet 1 of 6)

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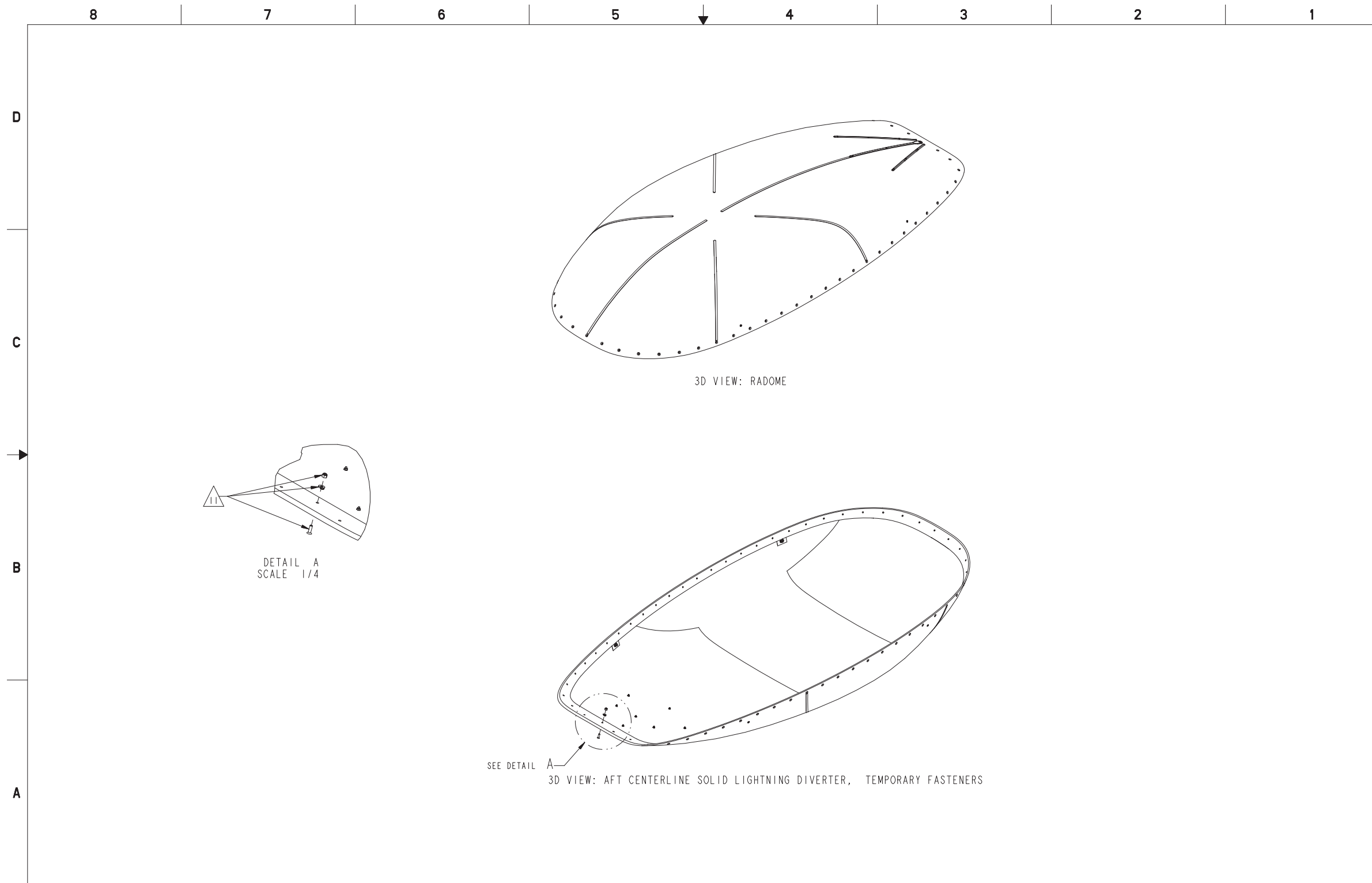


Figure 2-32. Fuselage Mount Radome Outline and Installation Drawing (Sheet 2 of 6)

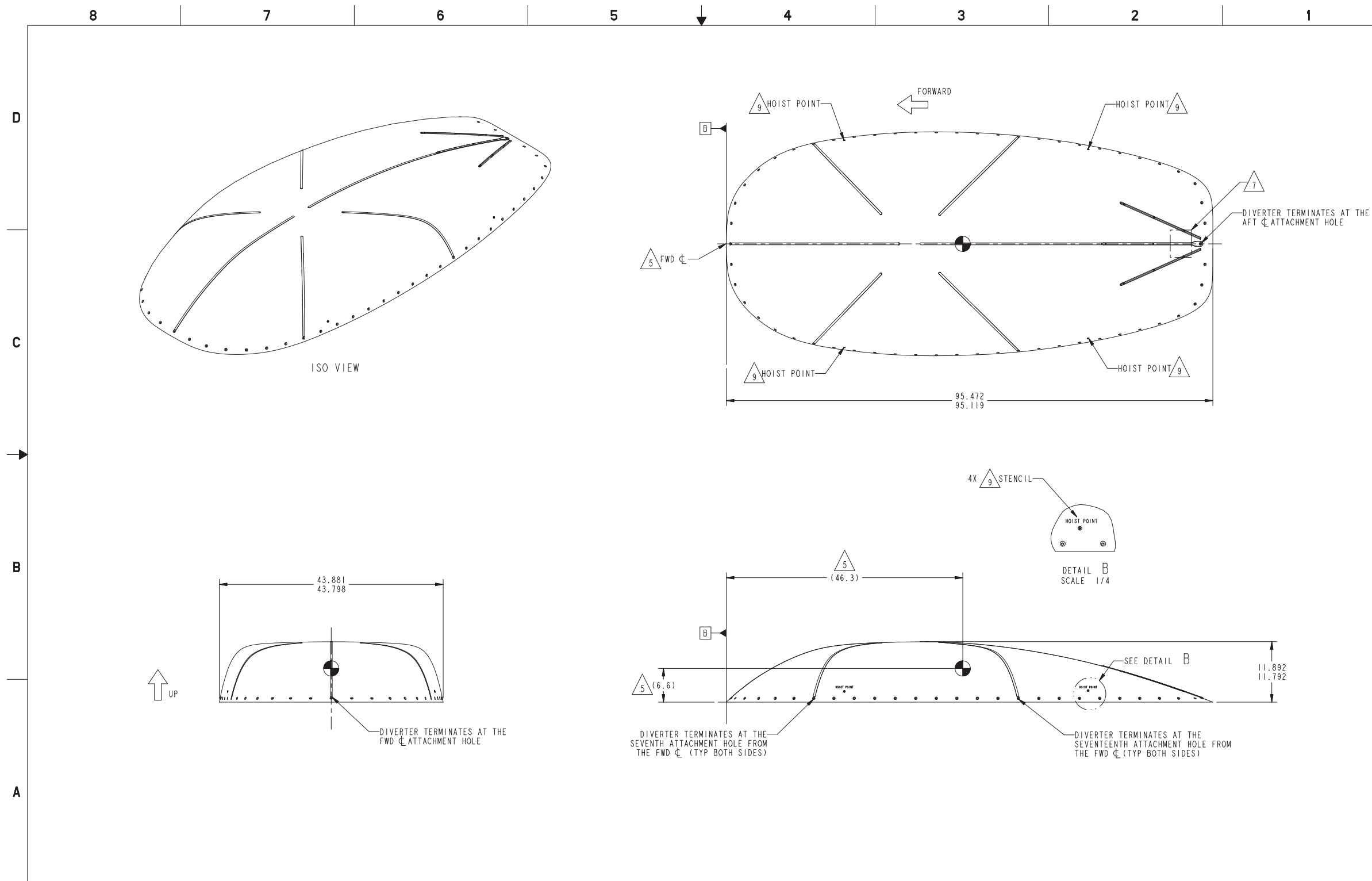
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EICD-90401395-3-B

Figure 2-32. Fuselage Mount Radome Outline and Installation Drawing (Sheet 3 of 6)

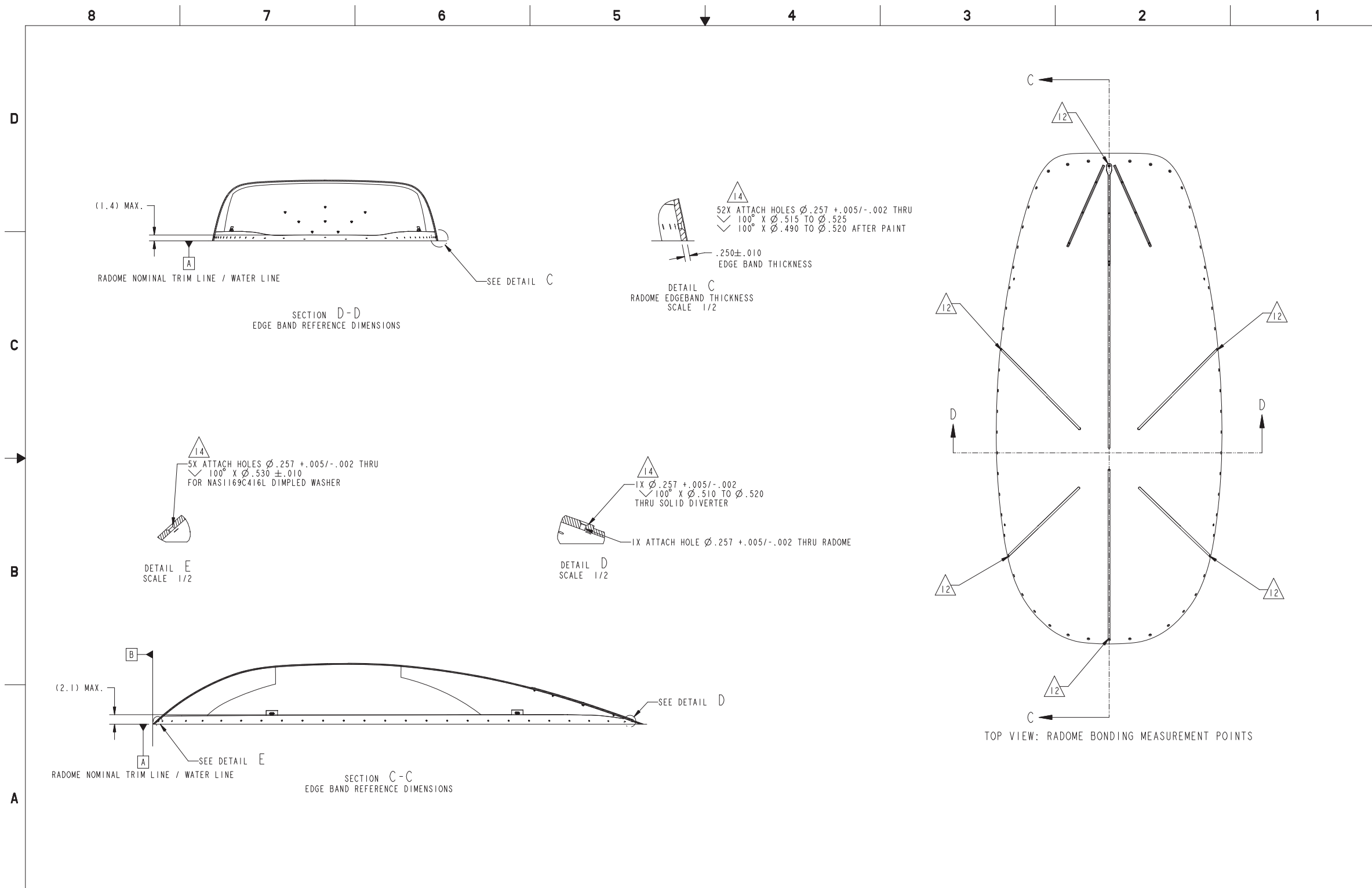
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EICD-90401395-4-B

Figure 2-32. Fuselage Mount Radome Outline and Installation Drawing (Sheet 4 of 6)

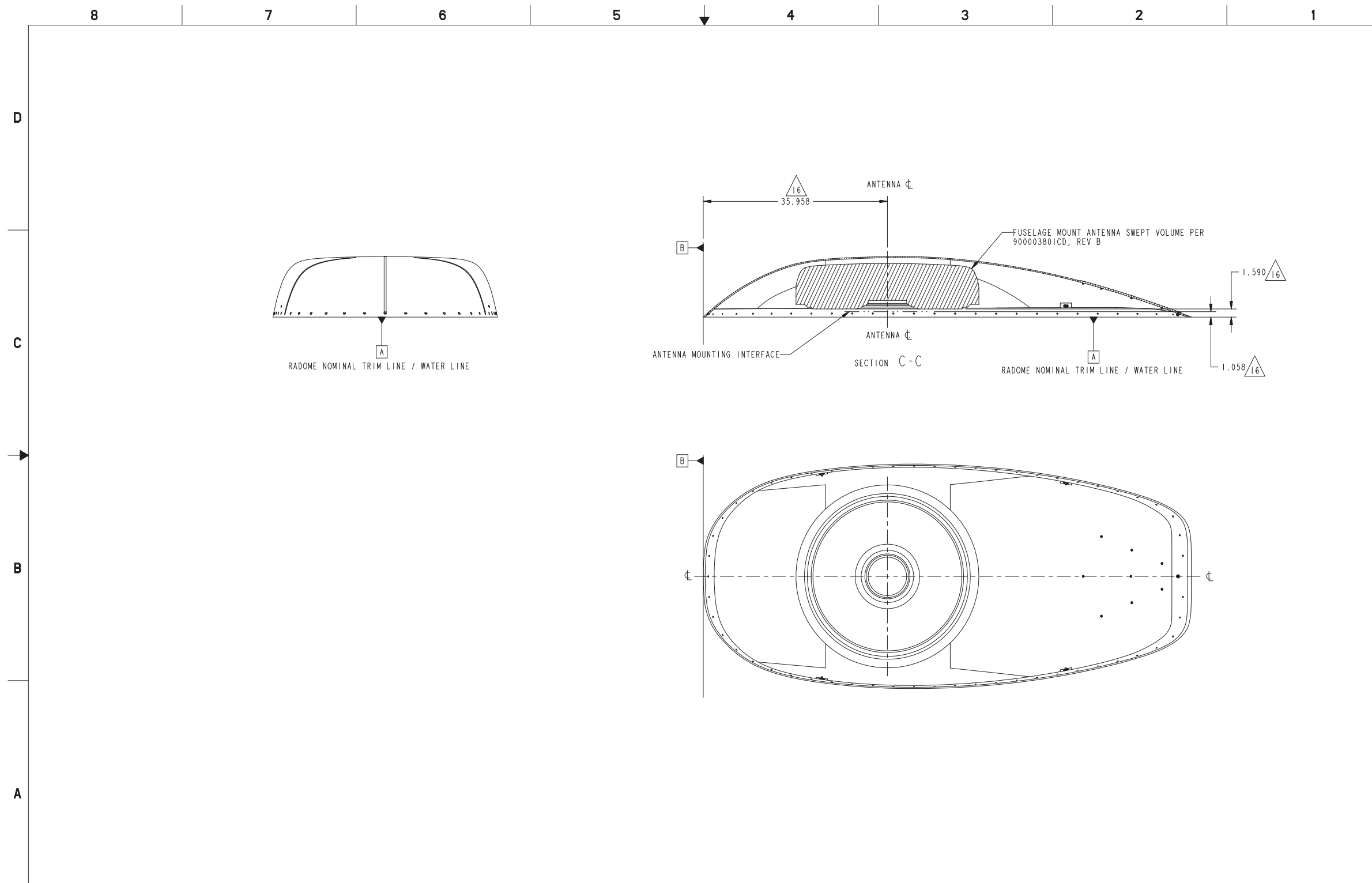
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EICD-90401395-5-B

Figure 2-32. Fuselage Mount Radome Outline and Installation Drawing (Sheet 5 of 6)

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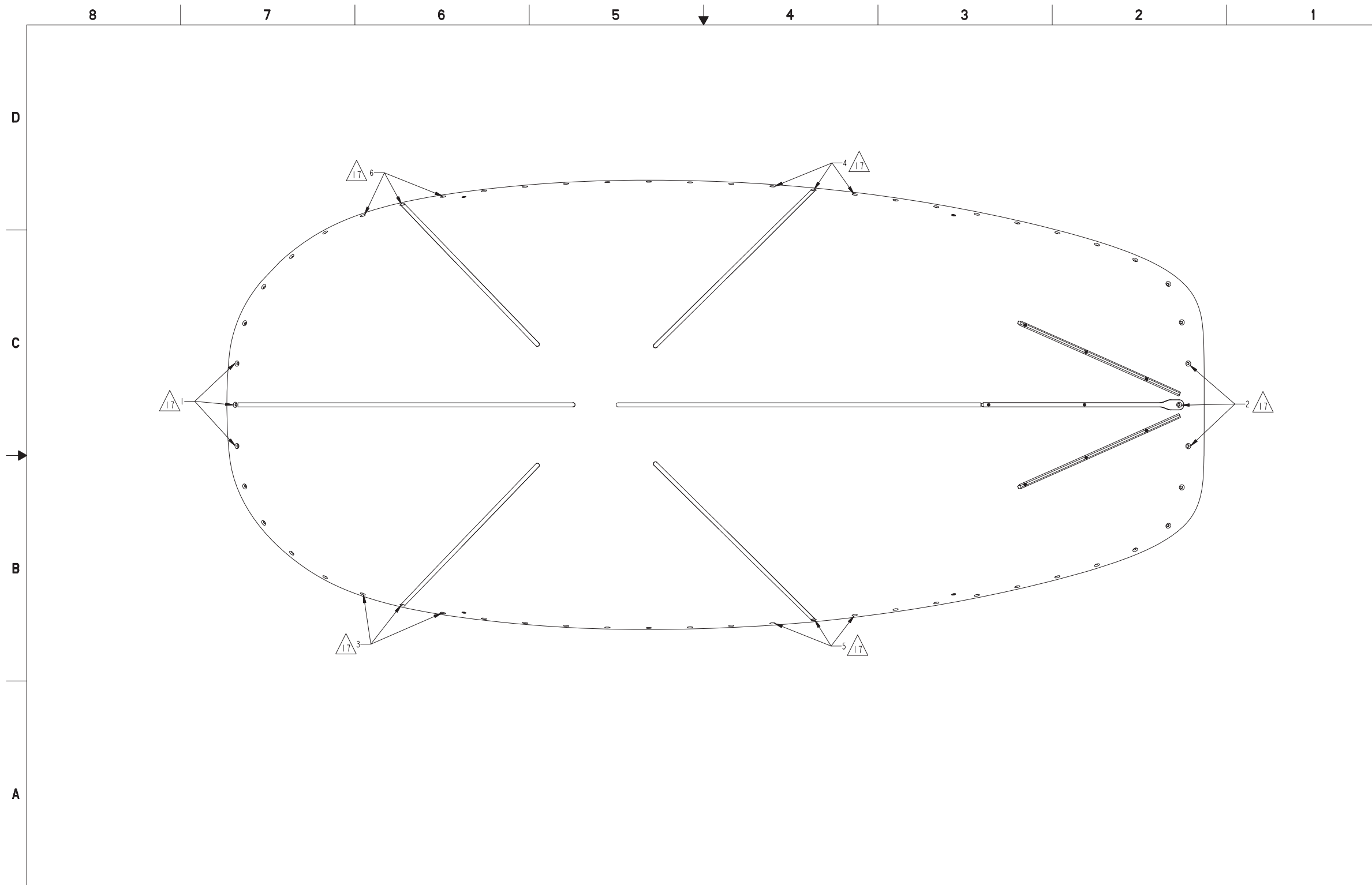
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EICD-90401395-6-B

Figure 2-32. Fuselage Mount Radome Outline and Installation Drawing (Sheet 6 of 6)

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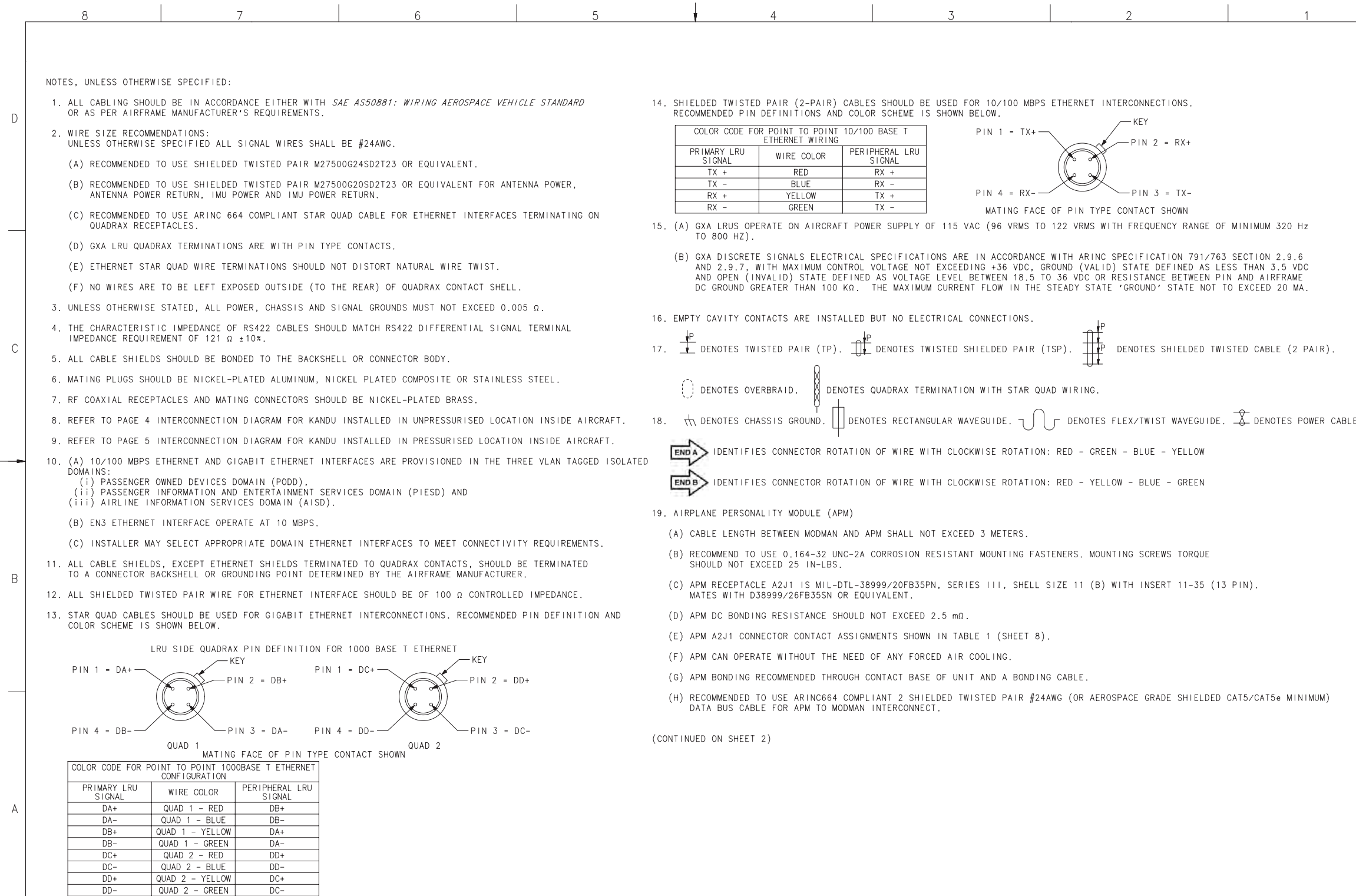


Figure 2-33. JetWave™ System Interconnect Diagram - TMA (Sheet 1 of 10)

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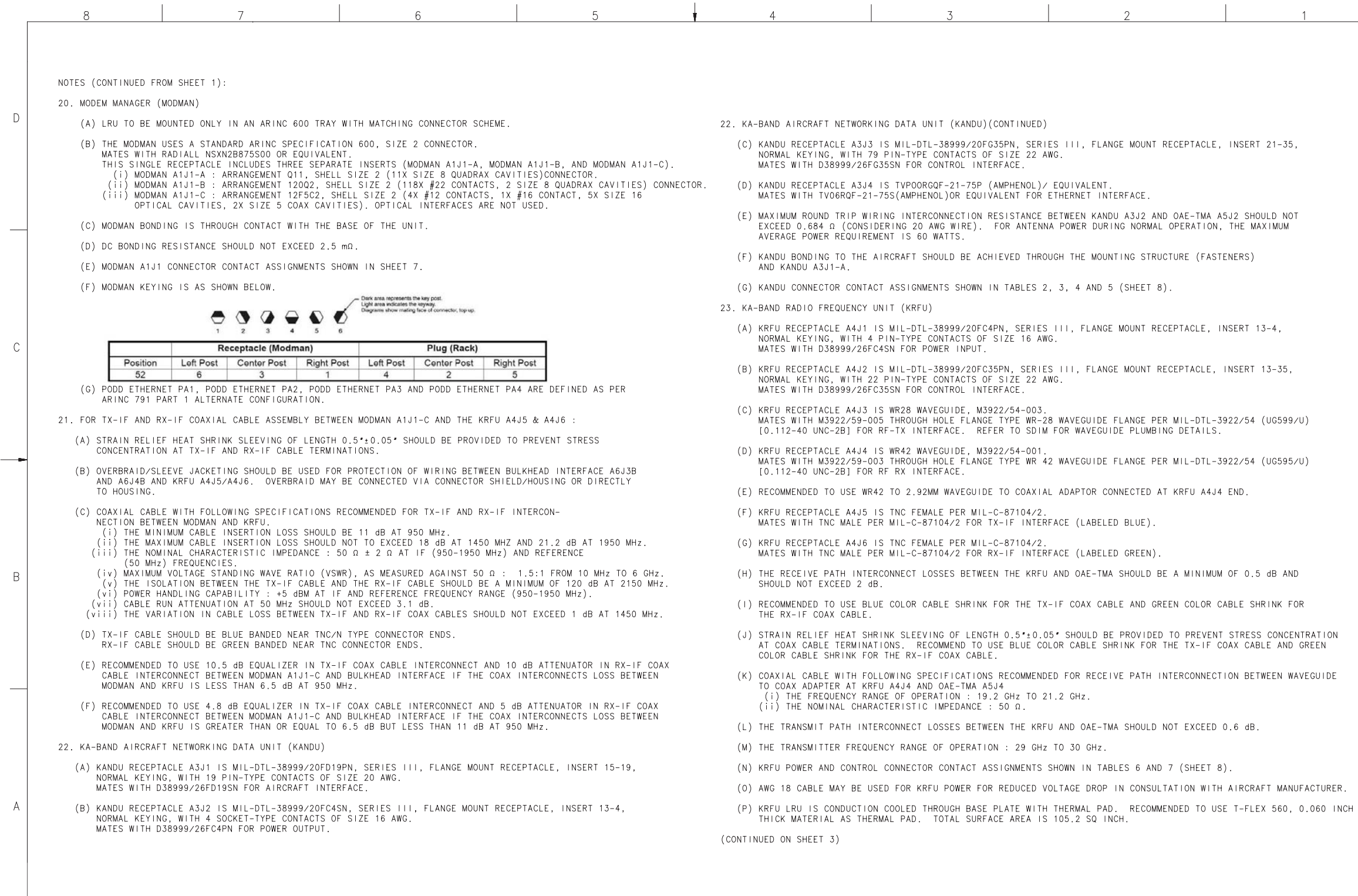


Figure 2-33. JetWave™ System Interconnect Diagram - TMA (Sheet 2 of 10)

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Figure 2-33. JetWave™ System Interconnect Diagram - TMA (Sheet 3 of 10)

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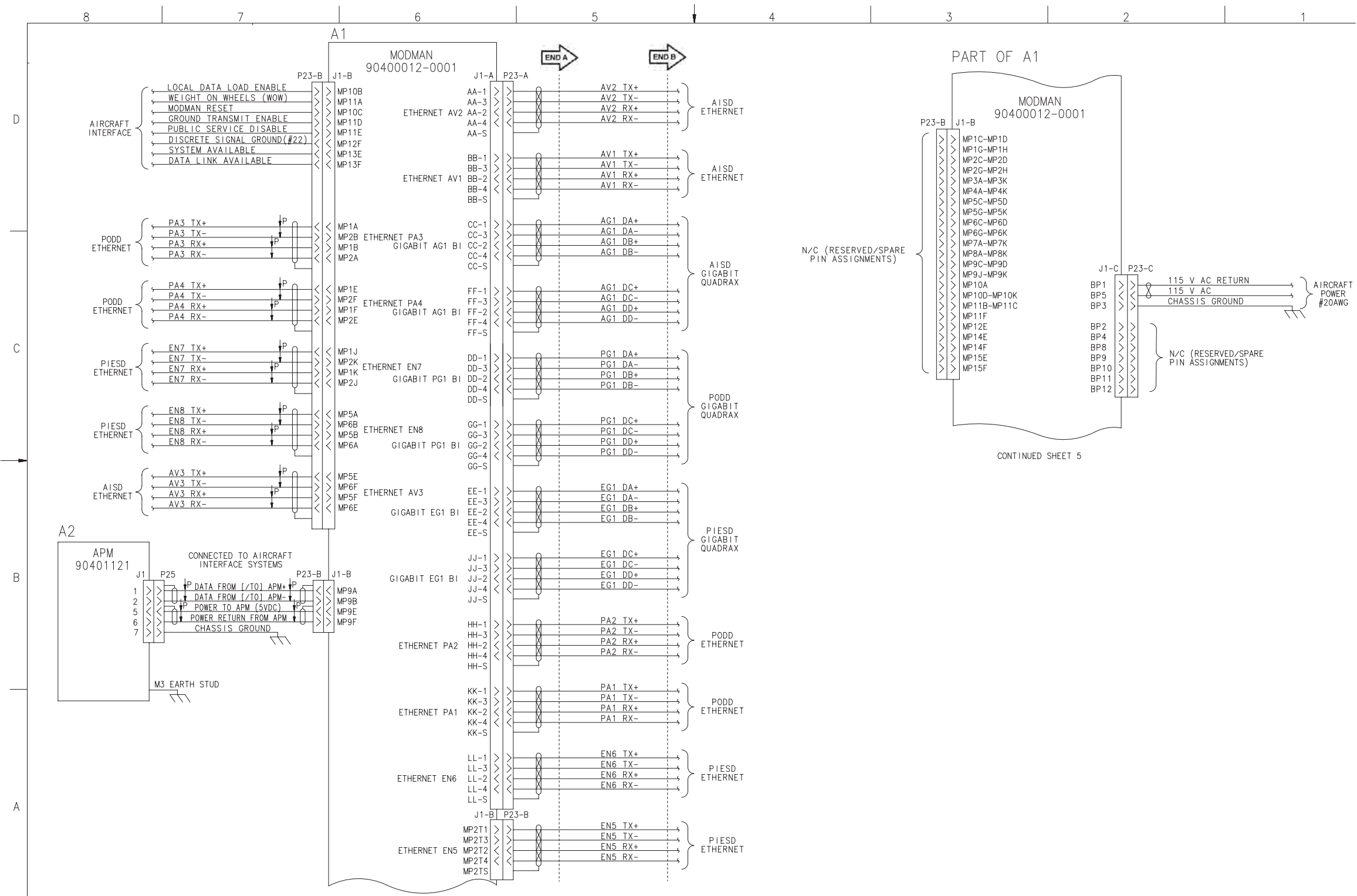


Figure 2-33. JetWave™ System Interconnect Diagram - TMA (Sheet 4 of 10)

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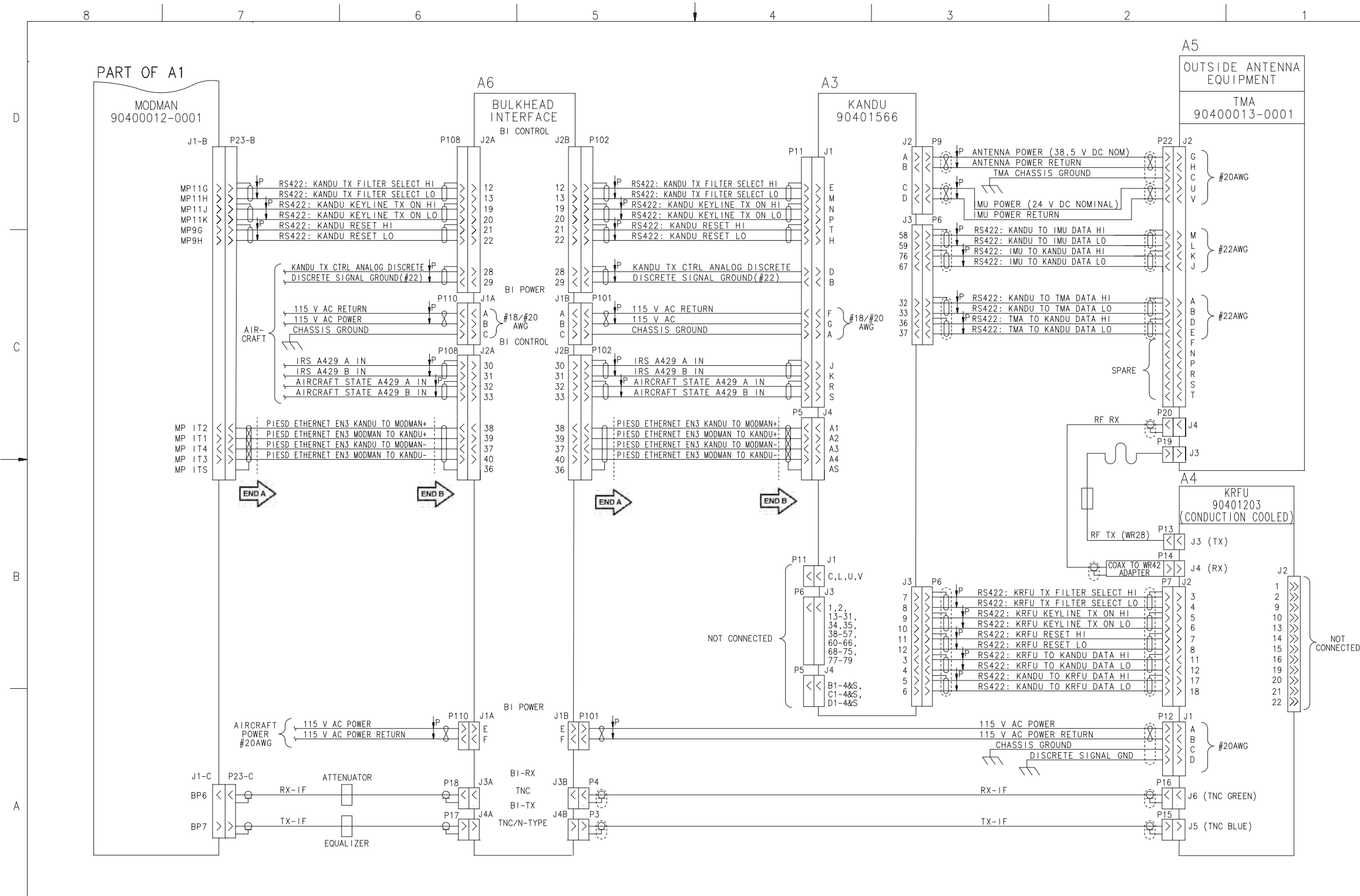


Figure 2-33. JetWave™ System Interconnect Diagram - TMA (Sheet 5 of 10)

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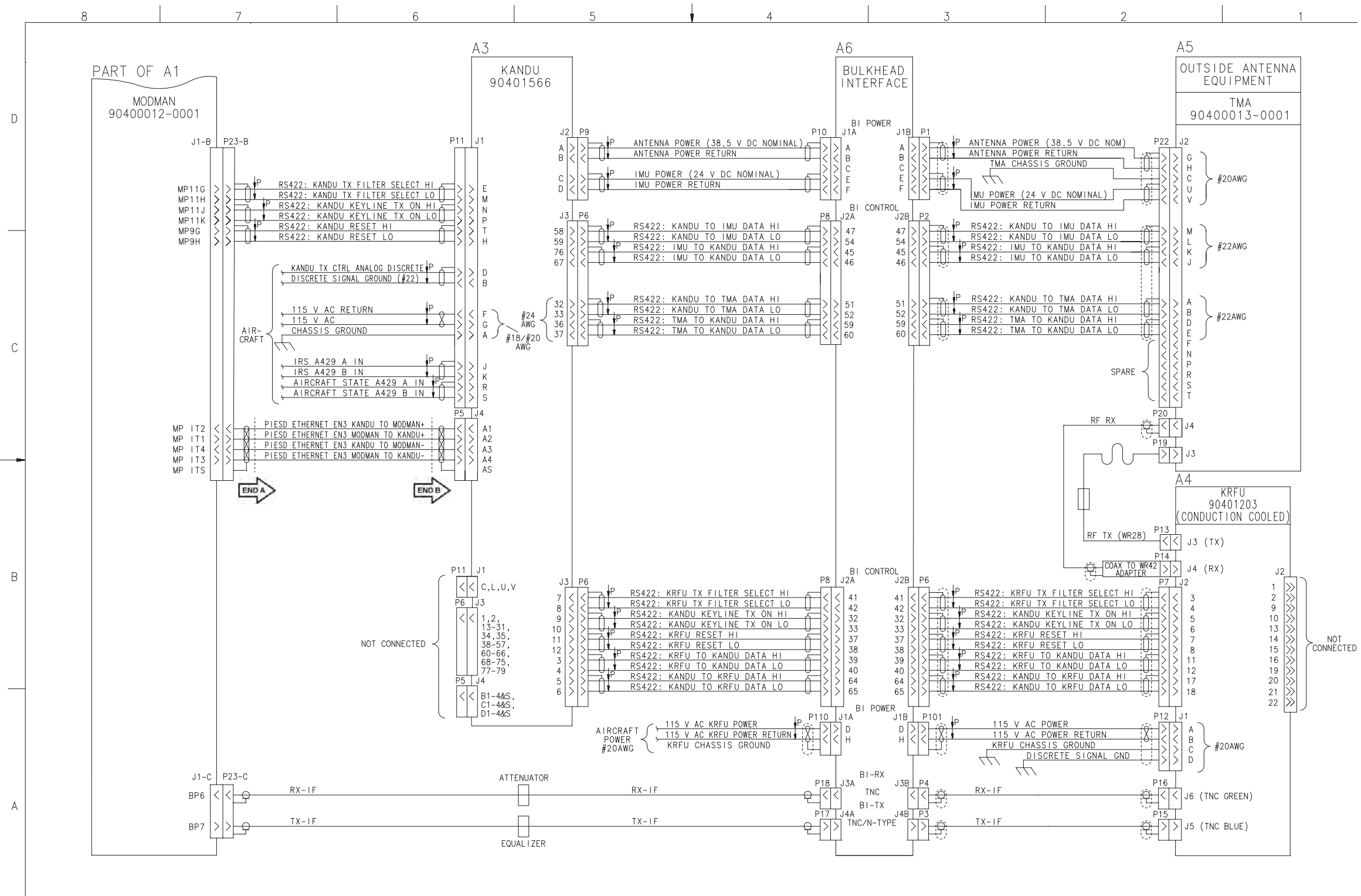


Figure 2-33. JetWave™ System Interconnect Diagram - TMA (Sheet 6 of 10)

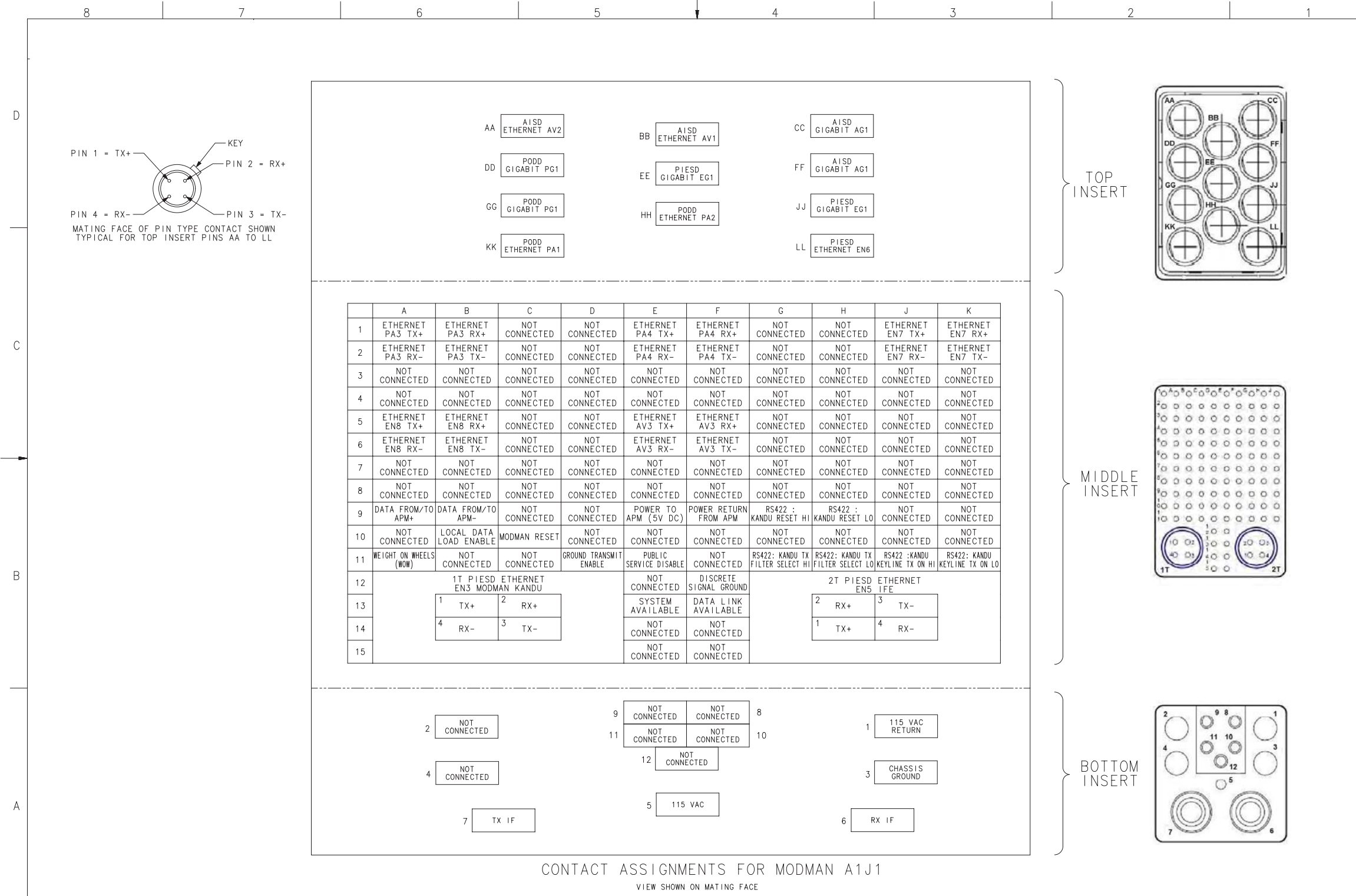
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CONTACT ASSIGNMENTS FOR MODMAN A1J1  
VIEW SHOWN ON MATING FACE

Figure 2-33. JetWave™ System Interconnect Diagram - TMA (Sheet 7 of 10)

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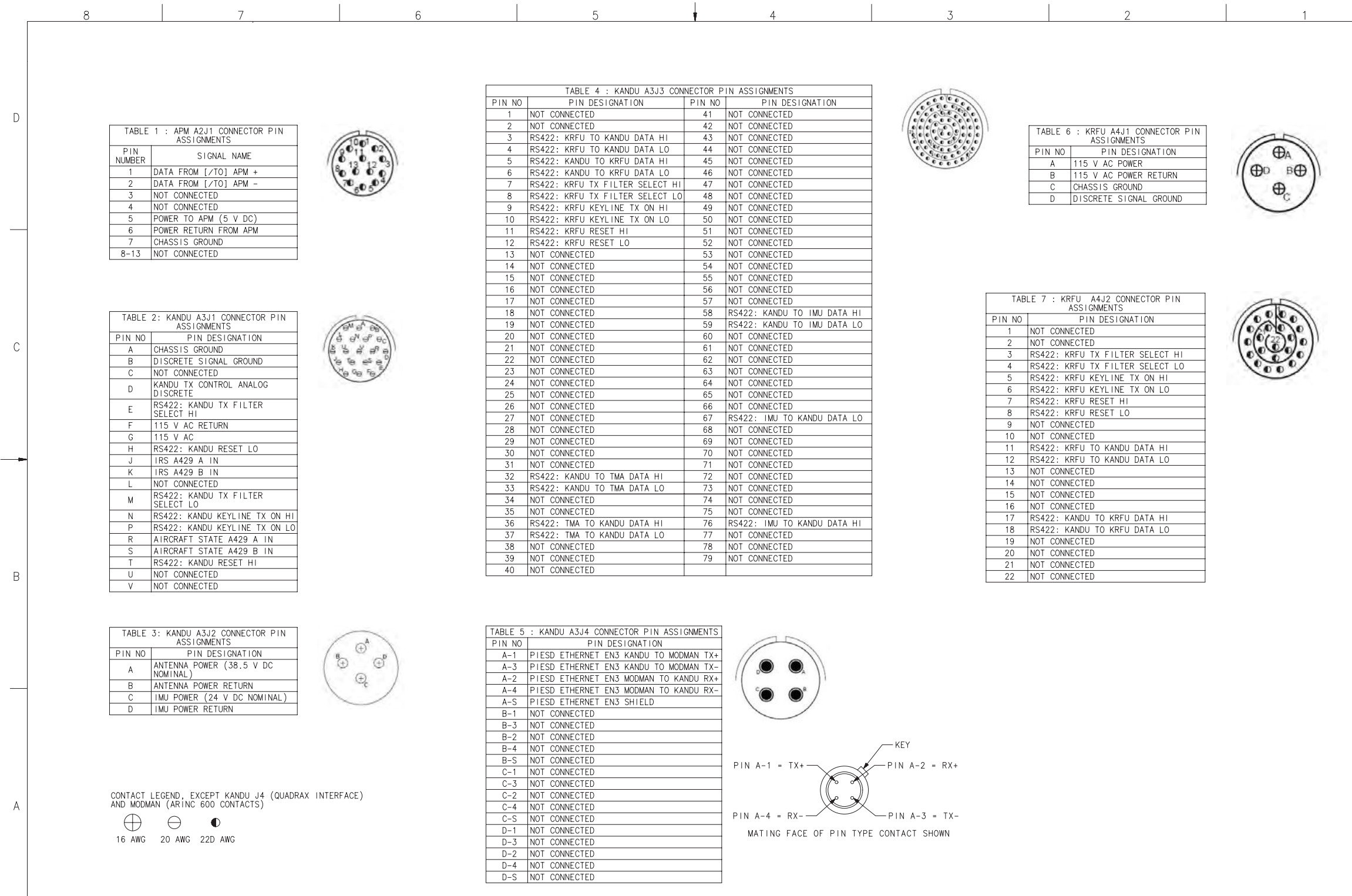


Figure 2-33. JetWave™ System Interconnect Diagram - TMA (Sheet 8 of 10)

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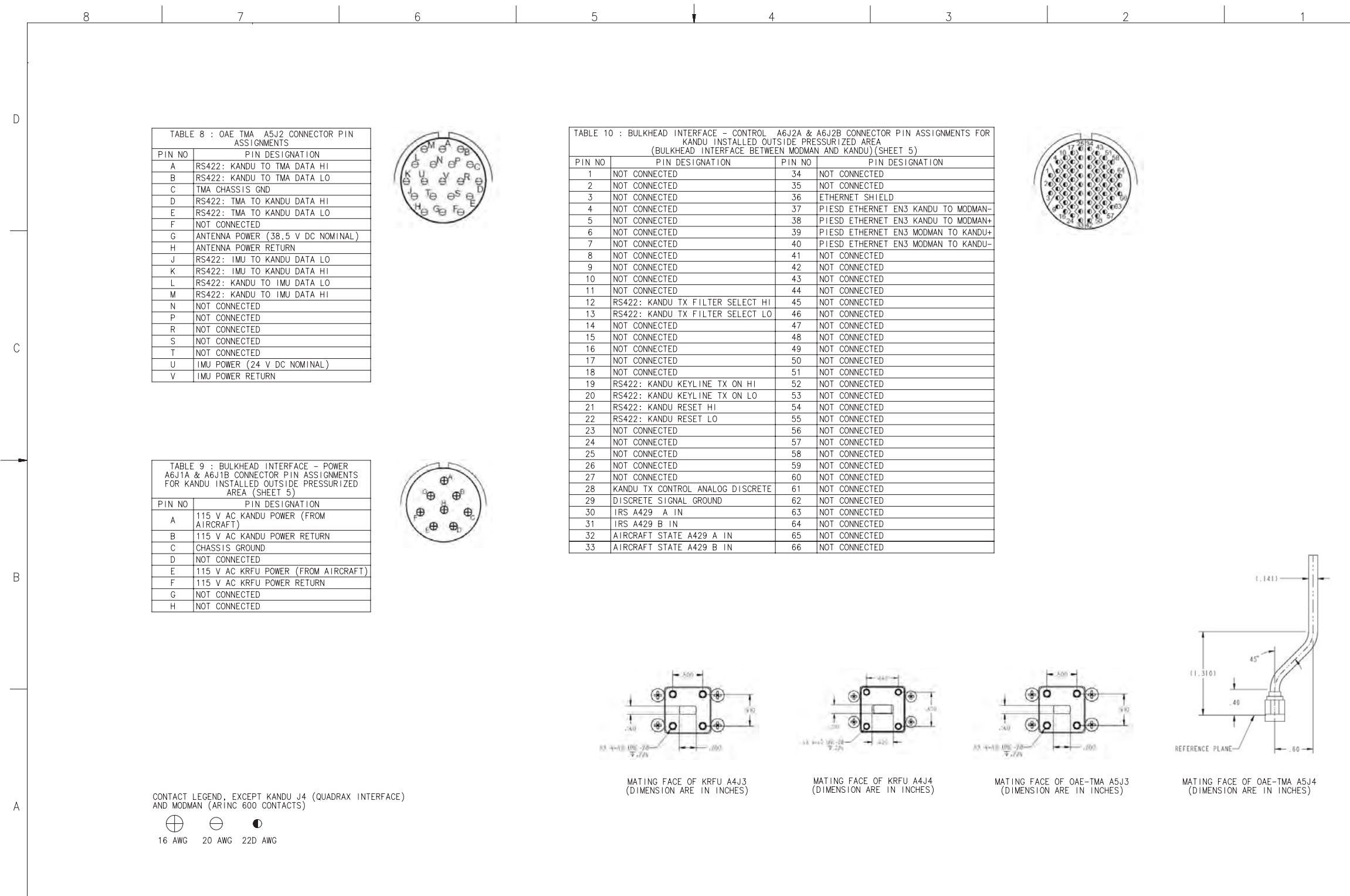


Figure 2-33. JetWave™ System Interconnect Diagram - TMA (Sheet 9 of 10)

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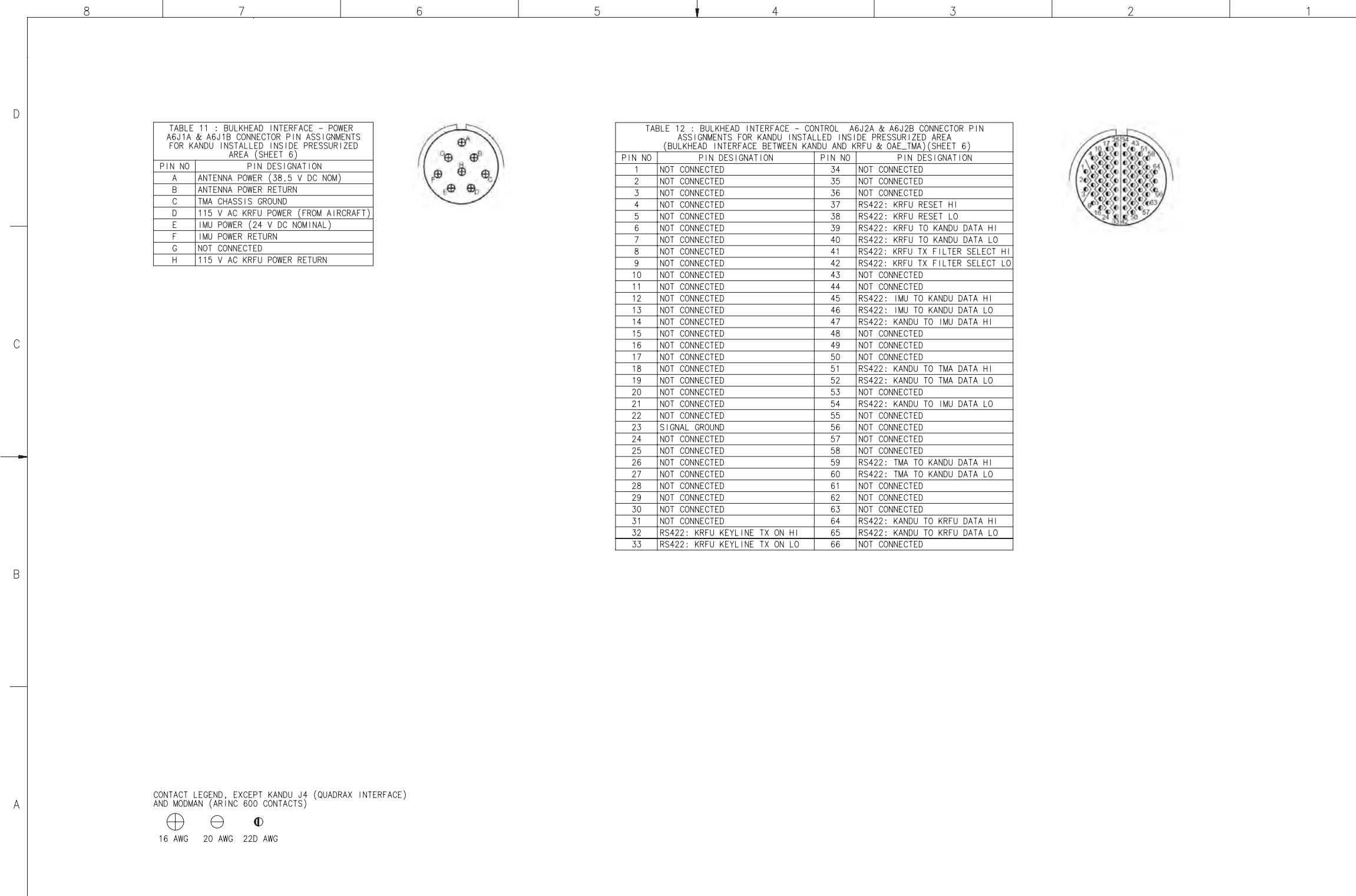


Figure 2-33. JetWave™ System Interconnect Diagram - TMA (Sheet 10 of 10)

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