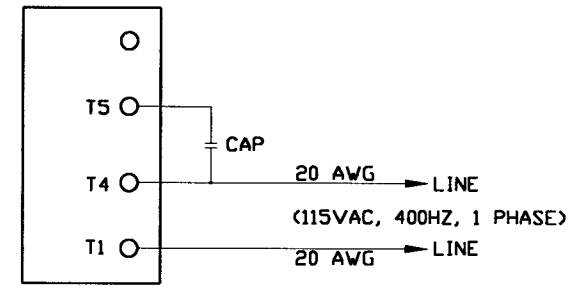
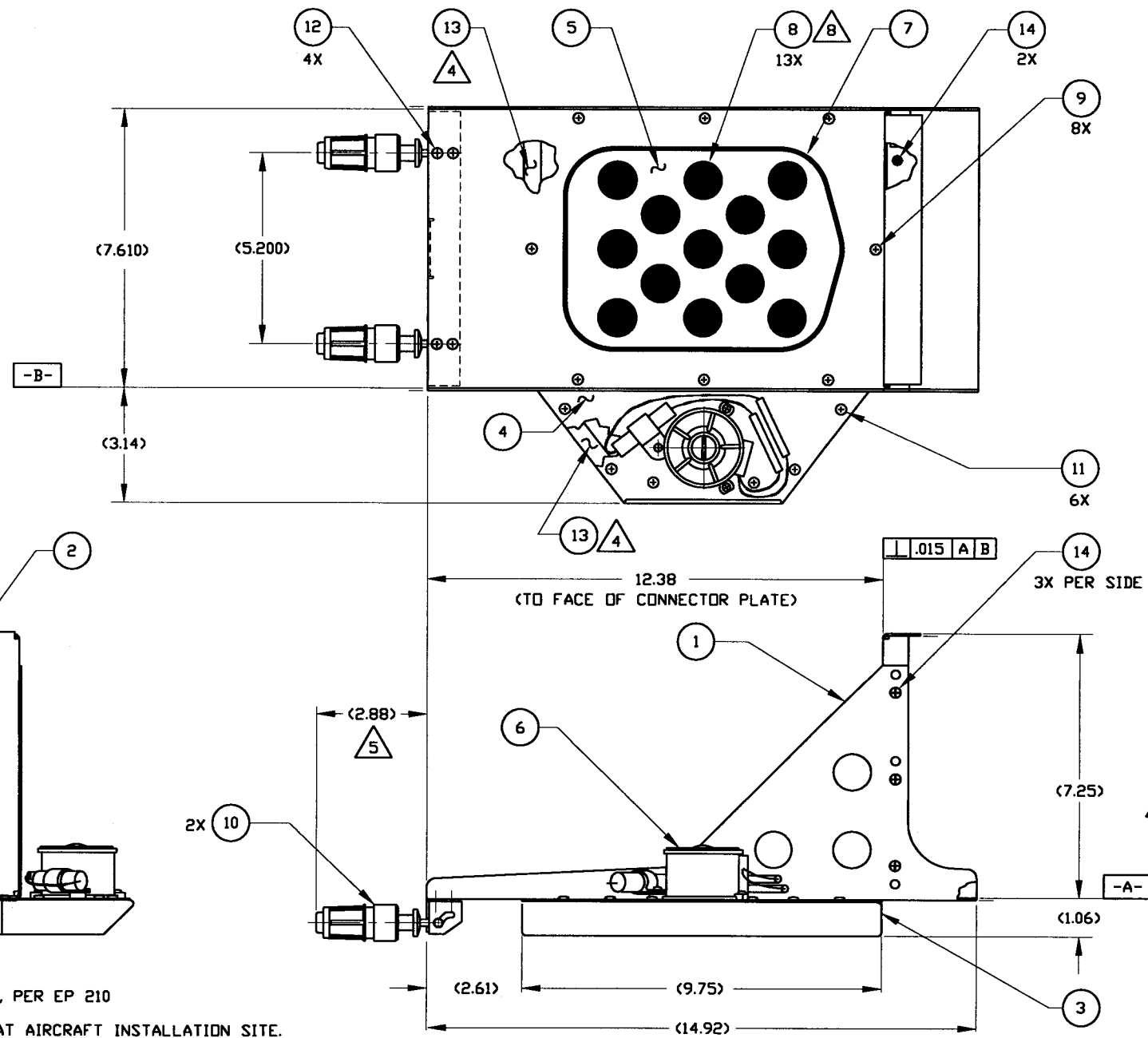


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DWG NO.		6282		SH	1	REV.	A
REVISIONS							
ECN	SHT.	ZONE	REV.	DESCRIPTION		DATE	APPROVED
4531				N/C RELEASED FOR FULL PRODUCTION		10/17/96	K RAIHALA
9824			A	ADDED NOTE 9			ES 10/17/99 L. Nechel



FAN MOTOR WIRE TERMINATION DIAGRAM

QTY REQ'D	QTY REQ'D	COMPONENTS PART NO.	NOMENCLATURE	MATERIAL/SPECIFICATION	CAGE CODE	ITEM NO.
8		MS24693-C26	SCREW, FLAT HEAD	(#6-32 X .38 LONG)		14
A/R		DOW CORNING RTV 3145, CLR	SEALANT, ADHESIVE	(SILICONE RUBBER)	71984	13
4		MS24693-C25	SCREW, FLAT HEAD	(#6-32 X .31 LONG)		12
6		MSS1957-26	SCREW, PAN HEAD	(#6-32 X .25 LONG)		11
2		10344-101	HOLD DOWN ASSY, INSERTION/EXTRACTION			10
8		MS24693-C24	SCREW, FLAT HEAD	(#6-32 X .25 LONG)		9
13		10736-01	PLUG BUMPER	(RUBBER)		8
1		10016-106	DEFORMATION SEAL ASSY, 6 MCU	(SILICONE RUBBER)		7
1		S0085-109	FAN ASSEMBLY, AC			6
1		10024CC-01	METERING PLATE, 6 MCU	(.040 AL ALLOY 5052 OR 6061)		5
1		S0105CC-102	COVER ASSY, PLENUM	(.040 AL ALLOY 6061)		4
1		S0164CC-306	PLENUM ASSY, 6 MCU	(.040 AL ALLOY 6061)		3
1		10018CC-108	CONNECTOR PLATE ASSY, 6 MCU	(.063 AL ALLOY 6061)		2
1		S0082CC-106	TRAY WELDING ASSY, 6 MCU	(.063 AL ALLOY 6061)		1

QTY REQ'D	QTY REQ'D	COMPONENTS PART NO.	NOMENCLATURE	MATERIAL/SPECIFICATION	CAGE CODE	ITEM NO.
-101	1					

9. IDENTIFY WITH ECS P/N AND LOT #, PER EP 210
8. REMOVE ALL (13) METERING PLUGS AT AIRCRAFT INSTALLATION SITE.
7. UNIVERSAL CONNECTOR CUT OUT PER ARINC 600, SIZE 1, 2 OR 3.
6. ALTERNATE PART NO. DOW CORNING P/N RTV-732CLR.
5. MAXIMUM EXTENSION WHEN LRU IS SECURELY FASTENED TO TRAY ASSEMBLY.
4. APPLY (13) AROUND SCREW HOLES & CONTACT SURFACES AT ASSEMBLY TO PROVIDE A SEAL BETWEEN (1)/(4) & (3).
3. FINISH: (CLEAR CHEM FILM PER MIL-C-5541, CLASS 3).
2. DESIGNED TO MEET THE APPLICABLE REQUIREMENTS OF THE FOLLOWING:
  - A. ARINC 600-9: 6 MCU, LEVEL 1 COOLING EXCEPTIONS & LIMITATIONS TO ARINC 600-9:
    1. MAXIMUM STEADY-STATE HEAT DISSIPATION: 130-200W
  - B. ENVIRONMENTAL CONDITIONS RTCA/DO-160C ENV. CAT. D2-BABXXXXXXXXXXXXXXXXXX EXCEPTIONS & LIMITATIONS TO RTCA/DO-160C
    1. MAX. OPERATING ALTITUDE: 51,000 Ft
    2. MAX. COOLANT AIR BULK INLET TEMP AT 51,000 Ft: 10°C
    3. NOT RECOMMENDED FOR INSTALLATION IN PRESSURIZED AREAS.
1. DIMENSIONS AND TOLERANCES PER ANSI Y14.5M-1982.

(-101) ASSEMBLY

THIRD ANGLE PROJECTION

CAD GENERATED DOCUMENT

ANY CHANGES TO THIS DOCUMENT MUST BE SUBMITTED TO THE DESIGN/DRAFTING DEPARTMENT FOR PROPER UPDATE

COMP/ASSY PART NO.	QTY REQ'D PER ASSY	NEXT FINAL	NEXT/FINAL DWG	PROJECT NO.	QUALITY ASSURANCE	ADDITIONAL APPROVALS	DATE
-101	1	FINAL	95-1325A	PRODUCTION			

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE:	CONTRACT NO.
FRACTIONS DECIMALS ANGULAR & °	DATE
DO NOT SCALE DRAWING	8/21/96
TREATMENT	CHECKED
FINISH	K RAIHALA
SIMILAR TO	DATE
ACT. WT	10/17/96
CALC. WT	DESIGNED
	K RAIHALA
	DATE
	10/17/96
	PROJECT
	K RAIHALA
	DATE
	10/17/96
	MANUFACTURING
	DATE
	ENGINEERING
	DATE

ELECTRONIC CABLE SPECIALISTS  
FRANKLIN, WI 53132  
PHONE: (414) 421-5300

TITLE TRAY ASSEMBLY, 6 MCU S/S WITH RIGHT SIDE HIGH ALTITUDE FAN

SCALE 1/2 EFFECTIVITY: SHEET 1 OF 1