

ARINC 600 Trays Design Parameter Worksheet

TRAY CUSTOMIZATION INSTRUCTIONS

- 1) Fill out as many questions as possible on the following form.
- 2) Email a copy of this form to Sales@CarlisleIT.com, or fax a copy to 414.421.5301.
Call CarlisleIT Customer Service with any questions 800.327.9473 (USA) or 414.421.5300 (INTL).
- 3) See separate form for ARINC 404A.

Contact Name:	Order Date:	Purchase Order Number:
Company:	Date Needed:	Quantity:
Telephone:	Fax:	Email:

<p>1) Aircraft Type (Make & Model):</p> <p>2) Project/Program:</p> <p>3) LRU System Type:</p> <p>4) LRU OEM:</p> <p>5) LRU Model Number:</p> <p>6) LRU Part Number:</p> <p>7) LRU Width:</p> <table border="0" style="width: 100%;"> <tr> <td>1 MCU</td> <td>4 MCU</td> <td>7 MCU</td> <td>10 MCU</td> </tr> <tr> <td>2 MCU</td> <td>5 MCU</td> <td>8 MCU</td> <td>11 MCU</td> </tr> <tr> <td>3 MCU</td> <td>6 MCU</td> <td>9 MCU</td> <td>12 MCU</td> </tr> </table> <p>Other: _____</p> <p>8) Tray Length:</p> <p>14.92 S/S 20.06 S/L Other: _____</p> <p>9) Hold Down Types:</p> <p>Insertion/Extraction</p> <p>Advanced Thumbscrew</p> <p>Military-Style Thumbscrew</p> <p>Other: _____</p> <p>10) Tray Mounting:</p> <p>No Mounting Holes (Customer will Drill)</p> <p>Pre-Drilled Mounting Holes</p> <p> No. 10 No. 8 Other: _____</p> <p>Custom Mounting Provisions (Riser Rails, Shock Isolation, etc.)</p> <p>11) Tray Bottom:</p> <p>Flat (No Cutout) Metering Plate & Seal</p> <p>Flat with Cutout</p>	1 MCU	4 MCU	7 MCU	10 MCU	2 MCU	5 MCU	8 MCU	11 MCU	3 MCU	6 MCU	9 MCU	12 MCU	<p>12) ARINC 600 Connector Cutout:</p> <p> Universal Size 1/2/3 Cutout</p> <p> Other: _____</p> <p>13) Tray Finish:</p> <p> Clear Chem Film Other: _____</p> <p>14) Tray Mounting Environment:</p> <p> Pressurized Compartment Nonpressurized Compartment</p> <p>15) Cooling Requirements:</p> <p>a) Type of Cooling Method Used:</p> <p> Convection Only</p> <p> Aircraft Supplied Airflow</p> <p> Fan & Plenum on Tray</p> <p> <i>Fan & Plenum Trays Only (b-f)</i></p> <p>b) What is the maximum heat dissipation (Watts)? _____</p> <p>c) What is the pressure drop across the LRU?</p> <p> Level I (5±3 mm H2O at 220 kg/kwh per ARINC 600)</p> <p> Level II (25±5 mm H2O at 220 kg/kwh per ARINC 600)</p> <p> Other: _____</p> <p>d) Maximum Ambient Air Temperature? _____</p> <p>e) For nonpressurized applications:</p> <p> What is the ambient temperature at altitude? _____</p> <p> What is the maximum altitude for aircraft? _____</p> <p>f) What kind of power is available for the fan?</p> <p> 115V 400Hz Single Phase 28VDC</p> <p> Other: _____</p> <p>16) Air Filtration Required:</p> <p> Yes No</p> <p>17) Environmental Qualifications Required</p> <p> RTCA-DO-160 REV: _____</p> <p> MIL-STD-810 REV: _____</p> <p> Other: _____</p>
1 MCU	4 MCU	7 MCU	10 MCU										
2 MCU	5 MCU	8 MCU	11 MCU										
3 MCU	6 MCU	9 MCU	12 MCU										

ARINC 600 Trays Design Parameter Worksheet

STANDARD PART NUMBER GUIDE FOR ARINC 600 TRAYS

Fill in part number below

ARINC Tray Specification

6 ARINC 600

Product Line

- Classic Standard Tray
 L Light Weight Tray } No Fan
 A ABS1699 Standard Tray }

Tray Width

01 1 MCU	07 7 MCU
02 2 MCU	08 8 MCU
03 3 MCU	09 9 MCU
04 4 MCU	10 10 MCU
05 5 MCU	11 11 MCU
06 6 MCU	12 12 MCU

Tray Length

S Short/Short = 14.92 in.
 Z ABS1699 Short = 13.987 in.
 L Short/Long = 20.06 in.

Hold Down Type

0 Advanced Thumbscrew
 1 Insertion/Extraction
 2 Military-Style Thumbscrew

Tray Mounting Holes

N None
 B Mounting holes for number 8 hardware
 C Mounting holes for number 10 hardware

Tray Bottom

1 Metering Plate
 3 Flat (No cutout) } No Fan
 4 Flat with cutout }

Tray Finish

C Clear Chemical Film (MIL-DTL-5541 Type II, Class 3)

Connector Cutout

1 ARINC 600 size 1
 2 ARINC 600 size 2 (Not available on 1 MCU)
 3 ARINC 600 size 3 (Not available on 1-3 MCU)

ARINC 600 Level 1 Cooling Fan

0 No fan
 1 Bottom location 115V 400Hz
 2 Left location 115V 400Hz
 3 Right location 115V 400Hz
 4 Rear location 115V 400Hz
 5 Bottom location 28V DC
 6 Left location 28V DC
 7 Right location 28V DC
 8 Rear location 28V DC

*For custom options listed on the front please contact us directly.



See our full line of trays at:
CarlisleIT.com/products/structures/trays/

+1 (800) 327-9473
 Sales@CarlisleIT.com