

Tray Worksheet

ARINC 404A Design Parameters



TRAY CUSTOMIZATION INSTRUCTIONS

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[Email Form](#)

- 1) Fill out as many questions as possible on the following form.
- 2) Email by clicking the button in the upper right corner; or print and fax 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 600.

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

<p>1) Aircraft Type (Make and 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: <input type="checkbox"/> ¼ ATR <input type="checkbox"/> ½ ATR <input type="checkbox"/> 1 ATR <input type="checkbox"/> ⅜ ATR <input type="checkbox"/> ¾ ATR <input type="checkbox"/> Other: _____</p> <p>8) Tray Length: <input type="checkbox"/> 14.92 S/S <input type="checkbox"/> 20.06 S/L <input type="checkbox"/> Other: _____</p> <p>9) Hold Down Types: <input type="checkbox"/> Front Insertion/Extraction <input type="checkbox"/> Front Thumbscrew <input type="checkbox"/> Rear Pin(s) (LRU Details Required) <input type="checkbox"/> Front Pin(s) (LRU Details Required) <input type="checkbox"/> Other: _____</p> <p>10) Tray Mounting: <input type="checkbox"/> No Mounting Holes (Customer will Drill) <input type="checkbox"/> Pre-Drilled Mounting Holes <input type="checkbox"/> No. 10 <input type="checkbox"/> No. 8 <input type="checkbox"/> Other <input type="checkbox"/> Custom Mounting Provisions (Riser Rails, Shock Isolation, etc.)</p> <p>11) Tray Bottom: <input type="checkbox"/> Flat (No Cutout) <input type="checkbox"/> Metering Plate and Seal <input type="checkbox"/> Flat with Cutout</p>	<p>12) ARINC 404 Connector Cutout: <input type="checkbox"/> DPXB <input type="checkbox"/> DPX2 <input type="checkbox"/> DPX3 <input type="checkbox"/> Other: _____</p> <p>13) Tray Finish: <input type="checkbox"/> Clear Chem Film <input type="checkbox"/> Other: _____</p> <p>14) Tray Mounting Environment: <input type="checkbox"/> Pressurized Compartment <input type="checkbox"/> Nonpressurized Compartment</p> <p>15) Cooling Requirements: a) Type of Cooling Method Used: <input type="checkbox"/> Convection Only <input type="checkbox"/> Aircraft Supplied Airflow <input type="checkbox"/> Fan and Plenum on Tray Fan and Plenum on Tray only: b) What is the maximum heat dissipation (Watts)? _____</p> <p>c) What is the pressure drop across the LRU? <input type="checkbox"/> Less than 25 mm H₂O at 220 kg/kwh per ARINC 404A <input type="checkbox"/> Other: _____</p> <p>d) Maximum Ambient Air Temperature? _____</p> <p>e) For nonpressurized applications: What is the ambient temperature at altitude? _____ What is the maximum altitude for aircraft? _____</p> <p>f) What kind of power is available for the fan? <input type="checkbox"/> 115V 400Hz Single Phase <input type="checkbox"/> 28VDC <input type="checkbox"/> Other: _____</p> <p>16) Air Filtration Required: <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>17) Environmental Qualifications Required <input type="checkbox"/> RTCA-DO-160 REV: _____ <input type="checkbox"/> MIL-STD-810 REV: _____ <input type="checkbox"/> Other: _____</p>
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Tray Worksheet

STANDARD PART NUMBER GUIDE FOR ARINC 404A TRAYS

Fill in part number below *

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Cooling Fan

0 No fan

Connector Cutout

1 DPXB

2 DPX2

3 DPX3

4 No connector cutout (Rear Mounting Pins only)

Tray Finish

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

Tray Bottom

1 Metering Plate

3 Flat (No cutout)

4 Flat with cutout

Tray Mounting Holes

N None

B Mounting holes for number 8 hardware

C Mounting holes for number 10 hardware

Hold Down Type

0 Advanced Thumbscrew

1 Insertion/Extraction

2 Military Style Thumbscrew

3 Insertion/Extraction and Rear Pin(s)

4 Military Style Thumbscrew and Rear Pin(s)

5 Advanced Thumbscrew and Rear Pin(s)

Tray Length

S Short/Short = 12.38 inch LRU / 14.92 inch tray

L Short/Long = 12.38 inch LRU / 20.06 inch tray

C Long/Long = 19.38 inch LRU / 20.06 inch tray

Tray Width

02 1/4 ATR

03 3/8 ATR

04 1/2 ATR

06 3/4 ATR

08 1 ATR

12 1-1/2 ATR

Product Line

- Classic Standard Tray

L Light Weight Tray

A ABS1699 Standard Tray

ARINC Tray Specification

4 ARINC 404A

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