

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@Amphenol-CIT.com, or fax a copy to 414.421.5301.
Call Amphenol CIT Customer Service with any questions: 800.458.9960 (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:

1) Aircraft Type (Make & Model):

2) Project/Program:

3) LRU System Type:

4) LRU OEM:

5) LRU Model Number:

6) LRU Part Number:

7) LRU Width:

1 MCU	4 MCU	7 MCU	10 MCU
2 MCU	5 MCU	8 MCU	11 MCU
3 MCU	6 MCU	9 MCU	12 MCU
Other:			

8) Tray Length:

14.92 S/S 20.06 S/L Other:

9) Hold Down Types:

Insertion/Extraction
Advanced Thumbscrew
Military-Style Thumbscrew
Other:

10) Tray Mounting:

No Mounting Holes (Customer will Drill)
Pre-Drilled Mounting Holes
 No. 10 No. 8 Other
Custom Mounting Provisions (Riser Rails, Shock Isolation, etc.)

11) Tray Bottom:

Flat (No Cutout) Metering Plate & Seal
Flat with Cutout

12) ARINC 600 Connector Cutout:

Universal Size 1/2/3 Cutout
Other:

13) Tray Finish:

Clear Chem Film Other:

14) Tray Mounting Environment:

Pressurized Compartment Nonpressurized Compartment

15) Cooling Requirements:

a) Type of Cooling Method Used:

Convection Only
Aircraft Supplied Airflow
Fan & Plenum on Tray

Fan & Plenum Trays Only (b-f)

b) What is the maximum heat dissipation (Watts)?

c) What is the pressure drop across the LRU?

Level I (5±3 mm H2O at 220 kg/kwh per ARINC 600)
Level II (25±5 mm H2O at 220 kg/kwh per ARINC 600)
Other:

d) Maximum Ambient Air Temperature?

e) For nonpressurized applications:

What is the ambient temperature at altitude?
What is the maximum altitude for aircraft?

f) What kind of power is available for the fan?

115V 400Hz Single Phase 28VDC
Other:

16) Air Filtration Required:

Yes No

17) Environmental Qualifications Required

RTCA-DO-160 REV:
MIL-STD-810 REV:
Other:

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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.