

Tray Worksheet

ARINC 600 Design Parameters



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 404.

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

- 1) Aircraft Type (Make and 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:
 Front Insertion/Extraction
 Front 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 and 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 and Phelum on Tray
 Fan and Phelum 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: _____



Tray Worksheet

PART NUMBER GUIDE FOR ARINC 600 TRAYS

Fill in part number below

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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

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)

Tray Finish

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

Tray Length

Z	ABS1699 Short = 13.98 inches
S	Short/Short = 14.92 inches
L	Short/Long = 20.06 inches

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

Product Line

-	Classic Standard Tray
R	Robust Tray
L	Light Weight Tray
A	ABS1699 Standard Tray

ARINC Tray Specification

6	ARINC 600
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