

# Tray Worksheet

## ARINC 600 Design Parameters



### TRAY CUSTOMIZATION INSTRUCTIONS

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[Email Form](#)

- 1) Fill out as many questions as possible on the following form.
- 2) Scan and email us at sales@CarlisleIT.com; 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 404A.

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 Plenum on Tray  
 Fan and 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 H<sub>2</sub>O at 220 kg/kwh per ARINC 600)  
 Level II (25 ± 5 mm H<sub>2</sub>O 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

## STANDARD 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
L	Light Weight Tray
A	ABS1699 Standard Tray

### ARINC Tray Specification

6	ARINC 600
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\*For custom options listed on the front please contact us directly.