

DB01-411-01-F SPECIFICATIONS

REV	REVISION DESCRIPTION	DATE	BY
0	INITIAL RELEASE, HARDWARE VERSION 0	04/14/24	BSJ
1	CHANGES PER ECR_240417001_V0, REMAINS HARDWARE VERSION 0	05/07/24	BSJ

MATERIAL:

TRAY: 0.063" ALCLAD 2024-T3 MEETING AMS-QQ-A-250/5

PLENUM: 1" 6061-T6511 MEETING AMS-QQ-A-200/8

FINISH:

CONVERSION COATING PER MIL-DTL-81706

DESIGN:

4MCU DIMENSIONS PER ARINC 600

FAN INCLUDED, SEE BELOW

SILICONE GASKET INCLUDED

MOUNTING HOLES NOT DRILLED

LOCKING LRU HOLD-DOWN PER M85731

FAN INTAKE FILTER INCLUDED

WEIGHT: 3.0 POUNDS ESTIMATED

INSTALLATION CONSIDERATIONS:

IF INSTALLING IN A HIGH VIBRATION ENVIRONMENT IT IS SUGGESTED TO USE PANHEAD SCREWS FOR THE REAR OF THE TRAY

ENVIRONMENTAL:

ALTITUDE PER DO-160, SECTION 4, CATEGORY F2 (55,000 FEET)

TEMPERATURE PER DO-160, SECTION 5, CATEGORY A (-55° C TO +85° C)

HUMIDITY PER DO-160, SECTION 6, CATEGORY C

OPERATIONAL SHOCK AND CRASH SAFETY PER DO-160, SECTION 7, CATEGORY A AND B (20G) (HELICOPTER AND FIXED WING)

STATIC LOAD PER PART 25 AND 29 CATEGORIES, 10.0KG LRU

VIBRATION PER DO-160, SECTION 8, CATEGORY R, CURVE C1

VIBRATION PER DO-160, SECTION 8, CATEGORY S, CURVE B3

VIBRATION PER DO-160, SECTION 8, CATEGORY U2, CURVES F AND F1

FLUIDS SUSCEPTIBILITY TESTED PER DO-160, SECTION 11, CATEGORY F SKYDROL, CALLA 800, SAE AMS1424 TYPE 1, SAE AMS 1435C, CALLINGTON HAVEN 1-SHOT, HALON 1211

SAND AND DUST PER DO-160, SECTION 12, CATEGORY D (DUST)

SALT SPRAY PER DO-160, SECTION 14, CATEGORY S

FUNGUS PER DO-160, SECTION 13, CATEGORY F

ICING PER DO-160, SECTION 24, CATEGORY C (.5" HARD ICE)

FIRE AND FLAMMABILITY PER DO-160, SECTION 26, CATEGORY C

SUPPORT:

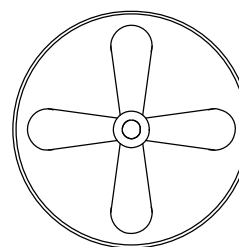
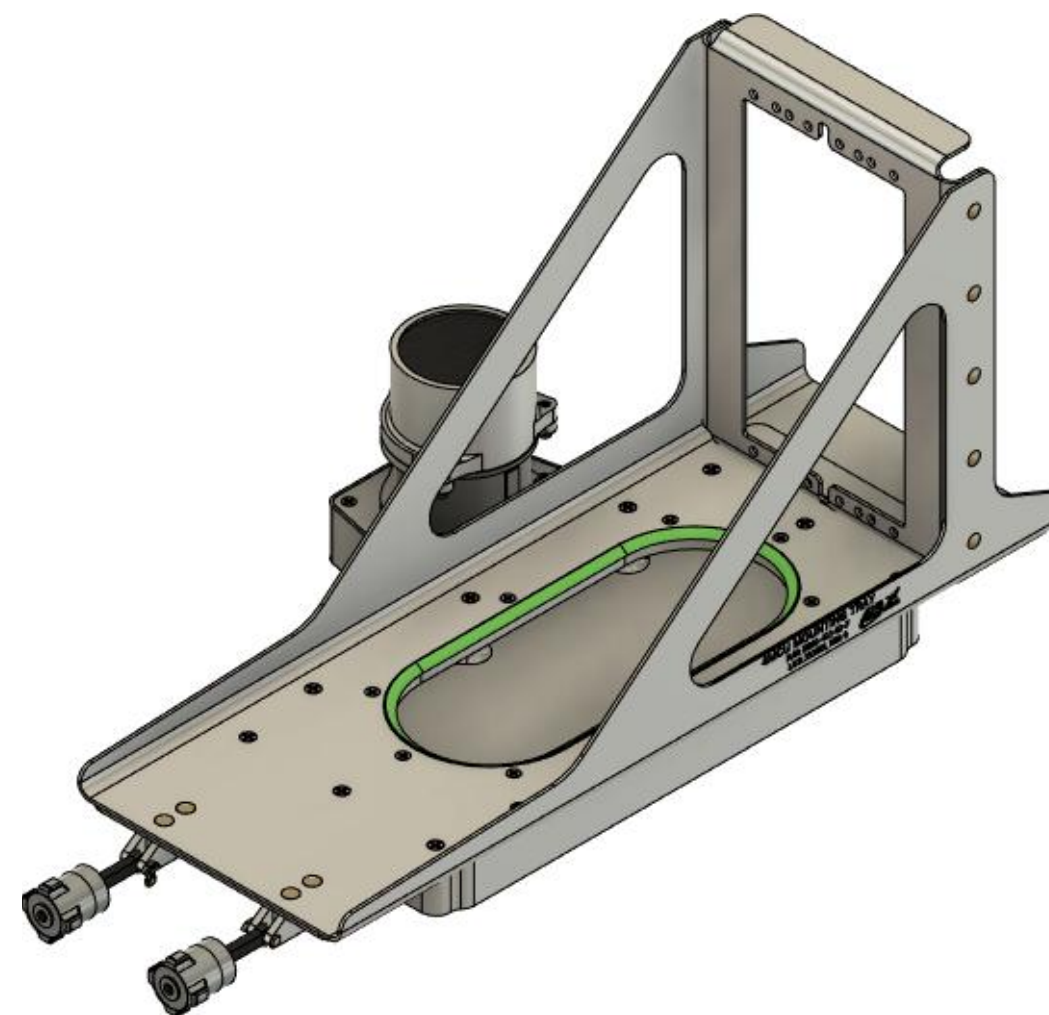
3D MODELING AVAILABLE

FAN INFORMATION:

FAN P/N: 00001109



FAN SPECIFICATIONS: 53CFM, 28VDC, 1.2 NOMINAL WATTS

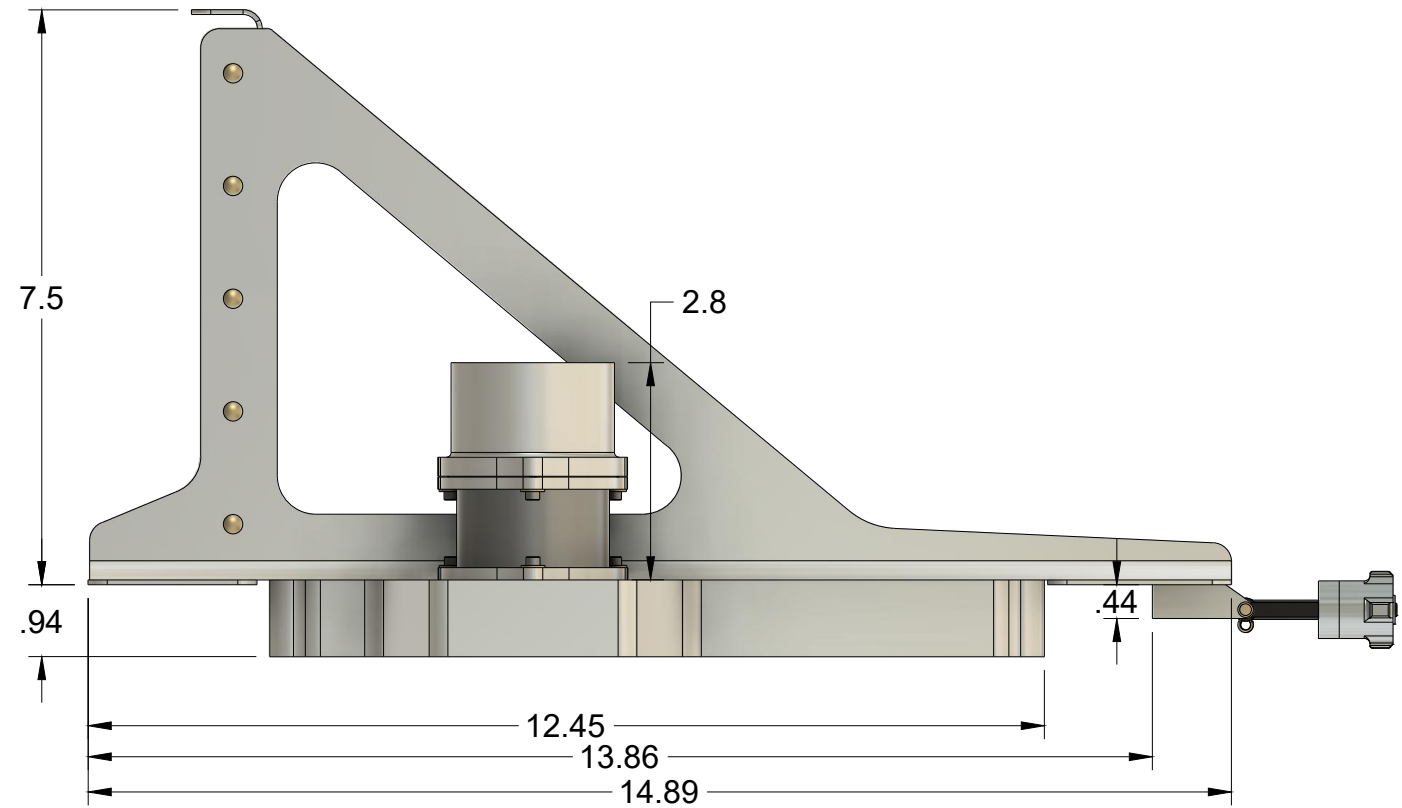
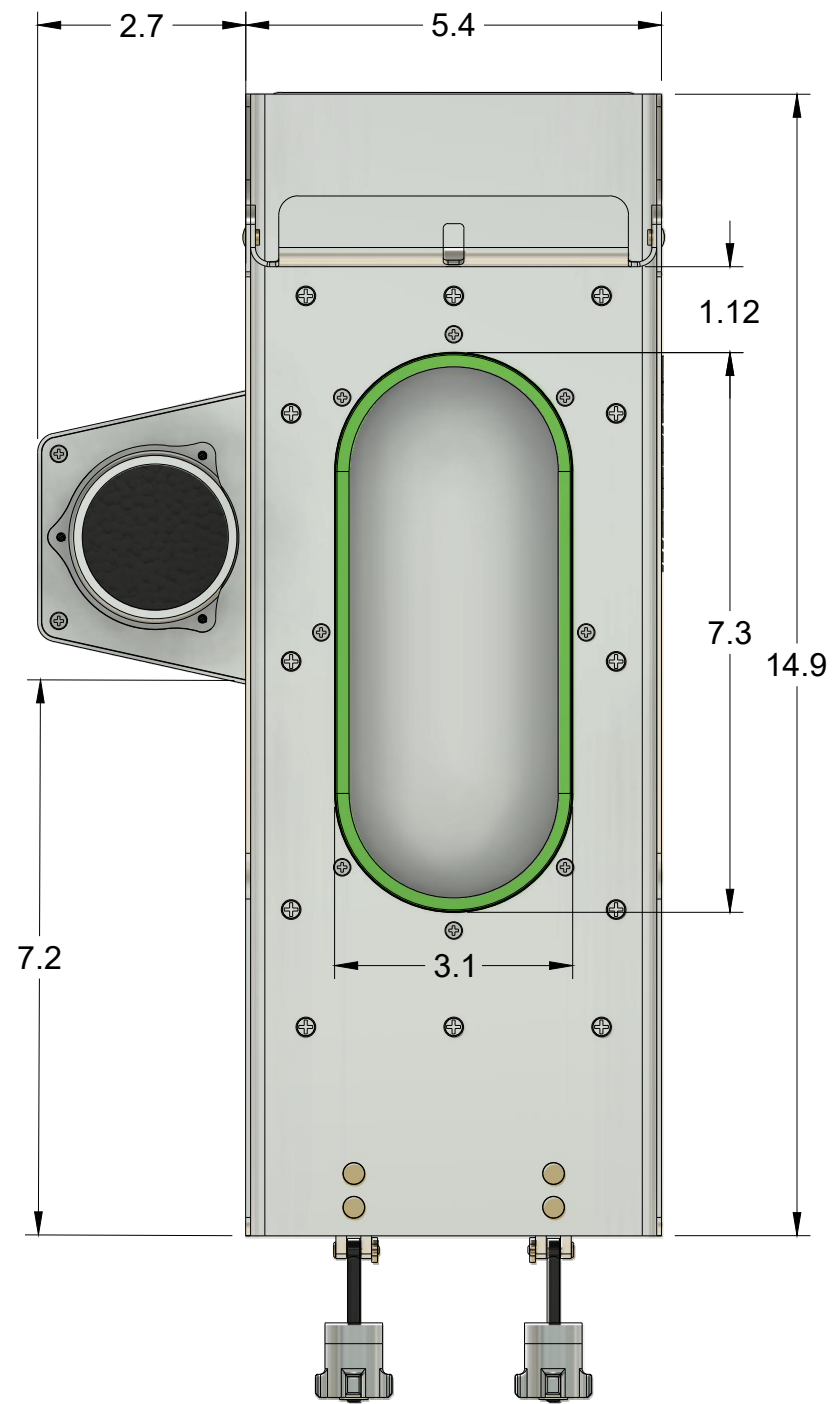
FAN INTERFACE: BUILT-IN +20" M22759 LEADS




BROWN ———— FPS SIGNAL
 BLACK ———— 28VDC RETURN
 RED ———— 28VDC POWER

TOLERANCES: X = ± 1.000 .X = ± 0.100 .XX = ± 0.030 .XXX = ± 0.010 ANGLES = ± 2.000 FRACTION = ± 1/32

PROJECT:		 LEHIGH VALLEY, PA
ARINC 600 TRAY 4MCU SIDE MOUNT FAN		
APPROVED:		
 BRANDON JACOBSEN		
TITLE:	DB01-411-01-F OUTLINE DRAWING	SHEET: 1/2
DRAWING NO:	240417003	REV: 1



PROJECT:		 LEHIGH VALLEY, PA
ARINC 600 TRAY 4MCU SIDE MOUNT FAN		
APPROVED:		
SEE SHEET 1		
TITLE:		SHEET:
DB01-411-01-F OUTLINE DRAWING		2/2
DRAWING NO:		REV:
240417003		1