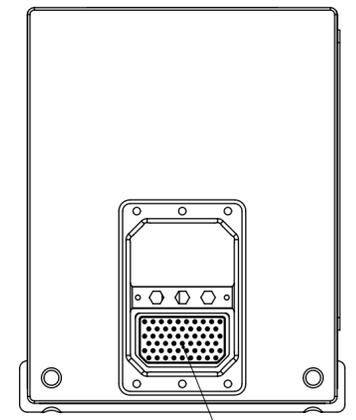
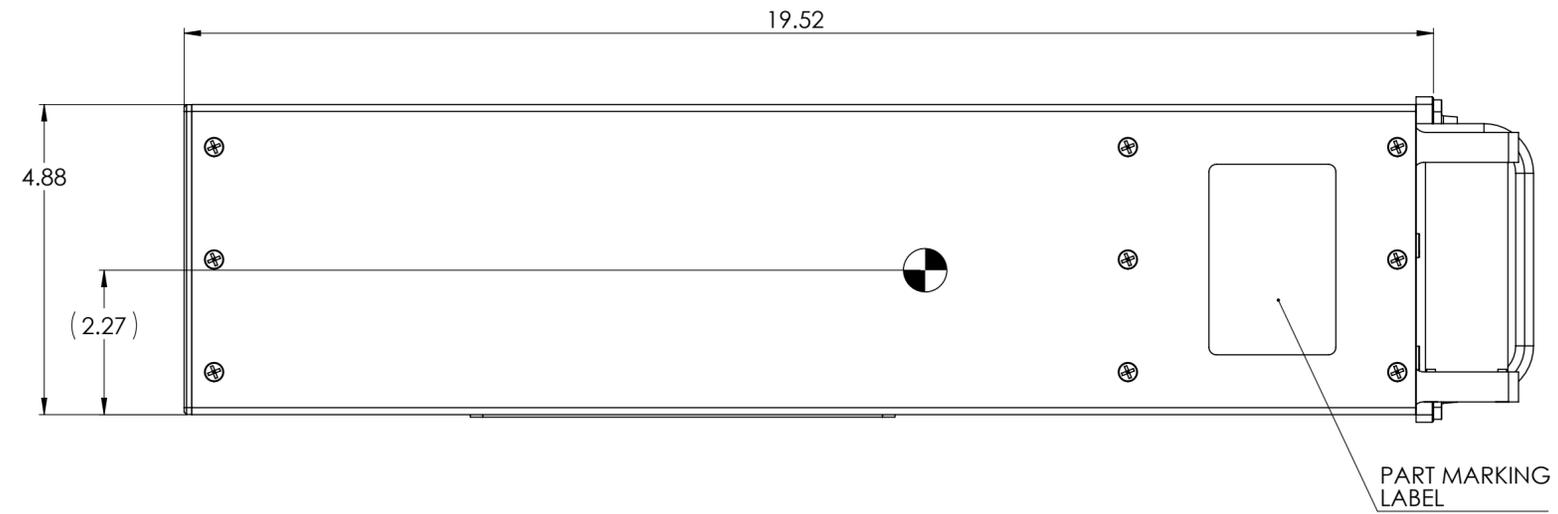


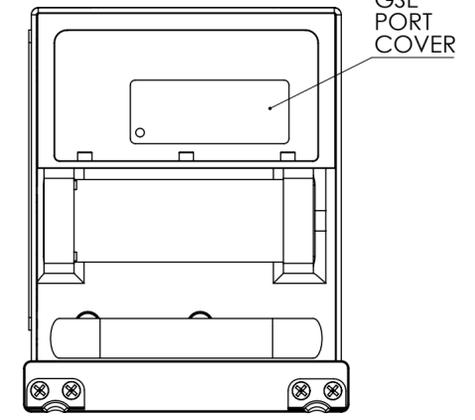
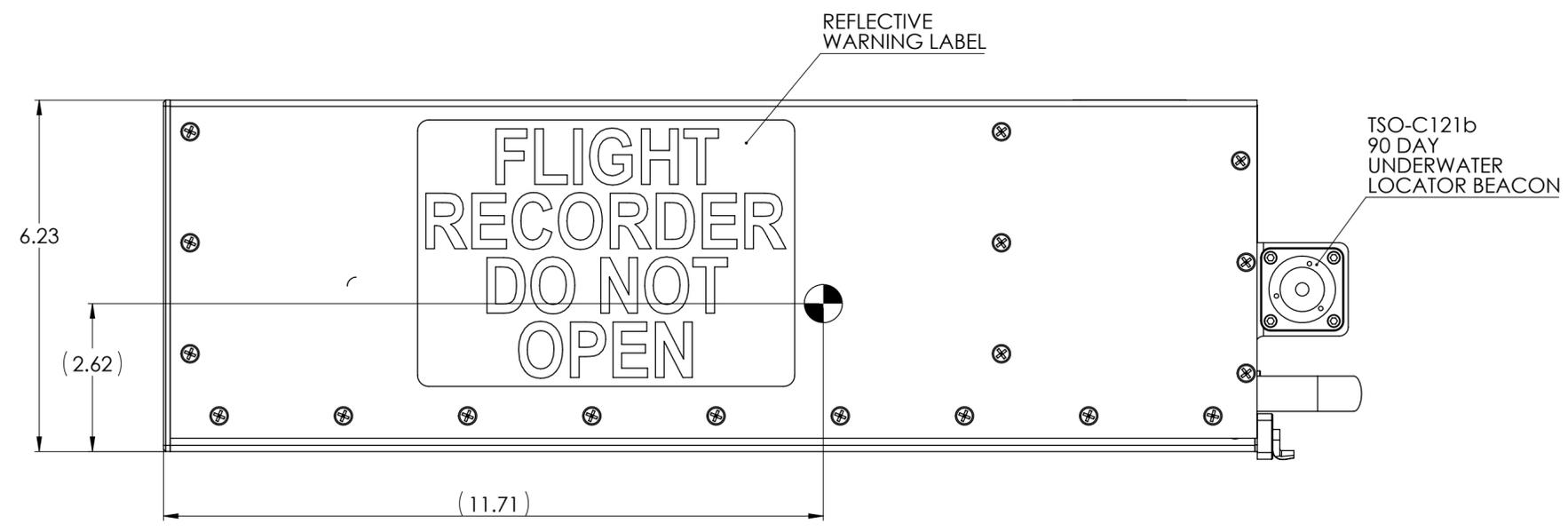
REVISION HISTORY				
REV	ECO	DESCRIPTION	DATE	APPROVED
-(NEW)	NIL	INITIAL RELEASE	2025-01-20	N. WANKE

NOTES:

1. REFER DOCUMENT NO: 290-001-00 FOR INSTALLATION INSTRUCTIONS
2. FORMFACTOR TO SUIT ARINC 404 1/2 ATR LONG CASE CONFIGURATION (REFER 280-210-00 FOR SHORT CASE FDR)
3. CHASSIS GALVANICALLY ISOLATED FROM SIGNALS AND 28V INPUT
4. MAXIMUM POWER CONSUMPTION - 5 WATT NOMINAL
5. REFER INTERCONNECT TABLE SHEET 2 FOR PINOUT
6. FINISH: MIL-DTL-5541 TYPE II CLASS 3 ON BONDING SURFACES, MIL-PRF-85285 TOP COAT (INTERNATIONAL ORANGE)



INTERFACE CONNECTOR: DPX2MA-57P00P-34-0001  
 MATING CONNECTOR: DPX2MA-57S00S-33-0001 (or equivalent)



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UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES SURFACE FINISH: TOLERANCES: LINEAR: ANGULAR:	FINISH: <b>REFER NOTES</b>	DEBURR AND BREAK SHARP EDGES	DO NOT SCALE DRAWING	REVISION	-(NEW)
			ONE STOP JETS LLC		
TITLE:			FLIGHT DATA RECORDER ARINC 573 / 717 / 747		
MATERIAL: N/A			DWG NO.	280-200-00	
WEIGHT: 8 lb MAX			SCALE:1:2	SHEET 1 OF 2	

INTERCONNECT TABLE (ARINC-573 / 747)	
PIN	DESCRIPTION
1	POWER INPUT - 115VAC HOT
2	POWER INPUT - 115VAC RETURN
3	CHASSIS GND
4	
5	POWER INPUT - 28VDC
6	
7	ARINC 573/717 INPUT - HI
8	ARINC 573/717 INPUT - LO
9	ARINC 573/717 ECHO - HI
10	ARINC 573/717 ECHO - LO
11	
12	
13	
14	
15	
16	
17	DATA RATE A (NOT USED)
18	DATA RATE B (NOT USED)
19	
20	
21	SYSTEM STATUS OUTPUT
22	MAINTENANCE FLAG OUTPUT
23	STATUS INDICATOR POWER
24	
25	
26	
27	
28	
29	
30	
31	
32	
33	
34	
35	
36	
37	
38	28VDC RETURN
39	
40	
41	
42	
43	
44	DELAYED SHUTDOWN A
45	DELAYED SHUTDOWN B
46	
47	
48	
49	
50	
51	
52	OMS (ARINC429) RX A
53	OMS (ARINC429) RX B
54	
55	OMS (ARINC429) TX A
56	OMS (ARINC429) TX B
57	

REVISION HISTORY				
REV	ECO	DESCRIPTION	DATE	APPROVED
-(NEW)	NIL	INITIAL RELEASE	2025-01-20	N. WANKE

NOTES:

- DATA RATE PINS ARE CONNECTED FOR HISTORICAL PURPOSES ONLY, RECORDER FEATURES AUTOMATIC RATE DETECTION
- REFER TABLE FOR FAULT LOGIC

SYSTEM STATE	PIN 21 SYSTEM STATUS	PIN 22 MAINTENANCE	PIN 23 STATUS POWER
NO POWER	GND	OPEN	OPEN
FAULT	GND	OPEN	OPEN
NO FAULT	PIN 21/23 LOOPBACK	GND	PIN 21/23 LOOPBACK

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UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES SURFACE FINISH: TOLERANCES: LINEAR: ANGULAR:	FINISH:	DEBURR AND BREAK SHARP EDGES	DO NOT SCALE DRAWING	REVISION - (NEW)
			ONE STOP JETS LLC	
TITLE:			FLIGHT DATA RECORDER ARINC 573 / 717 / 747	
MATERIAL:			DWG NO.	A2
WEIGHT:			SCALE:1:2	SHEET 2 OF 2

280-200-00