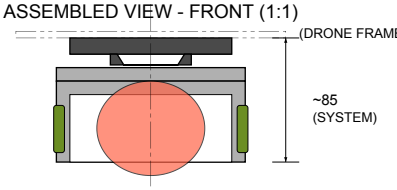
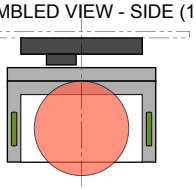
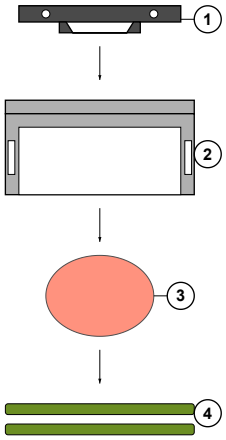
ASSEMBLED VIEW - FRONT (1:1)



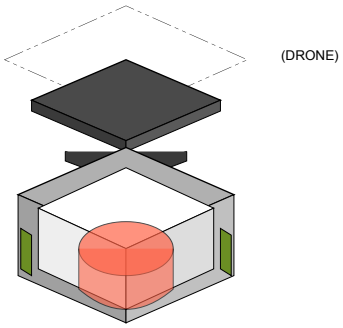
ASSEMBLED VIEW - SIDE (1:1)



EXPLODED VIEW (1:1.5)



ISOMETRIC ASSEMBLY (NTS)



PARTS LIST

ITEM	PART NO.	DESCRIPTION	QTY	MATERIAL
1	MF-BPH-001	FRAME MOUNT PLATE	1	PETG
2	MF-BPH-002	PAYLOAD CRADLE	1	PETG
3	-	PAYLOAD (REF)	1	-
4	-	VELCRO STRAP 25mm	2	NYLON

ASSEMBLY INSTRUCTIONS:

1. PRINT BOTH PARTS PER DRAWING SPECIFICATIONS
2. VERIFY DOVETAIL SLIDE FIT - SHOULD BE SNUG
3. MOUNT PLATE TO DRONE USING M3 HARDWARE
4. SLIDE CRADLE ONTO MOUNT PLATE RAIL
5. PLACE PAYLOAD IN CRADLE CAVITY
6. SECURE WITH VELCRO STRAPS (MIN 2)
7. VERIFY SECURE FIT BEFORE FLIGHT

KEY FEATURES

- QUICK-RELEASE DOVETAIL
- NO ELECTRONICS REQUIRED
- SIMPLE STRAP RETENTION

SYSTEM SPECIFICATIONS

TOTAL WEIGHT: ~70g (WITHOUT PAYLOAD)
MAX PAYLOAD: 2.0 kg
CAVITY SIZE: 70 x 50 x 50 mm

VS. RELEASE VERSION

PARTS: 2 (vs. 4)
WEIGHT: 70g (vs. 80g)
COST: ~$16 (vs. ~$32)

ASSEMBLY: BASIC PAYLOAD HOLDER (FIXED)
SCALE: AS NOTED | SHEET 1 OF 1

MODEL-F

BASIC PAYLOAD HOLDER - ASSEMBLY

DWG NO: MF-BPH-ASSY		
DRAWN:CLAUDE	DATE: 12/2025	REV: A