

Drawing Revision History				
Drawing Rev.	Description	Date	Approved	
1	Initial - approved for public release	2May25	//cjn//	

ASW manufactures three variants of the Heavy Lift Multirotor, indicated at left. Two common mounting patterns are fabricated into all three lower frame variants for flexible integration of customer payloads.

1. Inner Slot Pattern (Small)

- 1.1. 4 slots total 2 per side, aligned longitudinally
- 1.2. Slot size: 0.154 in wide x 1.000 in long for SAE #6 hardware
- 1.3. Center-to-center spacing: 6.000 in width, 4.000 in longitudinal
- 1.4. Overall span: 5.000 in

2. Outer Slot Pattern (Large)

- 2.1. 10 slots total 5 per side, aligned longitudinally
- 2.2. Slot size: 0.260 in wide x 1.000 in long for SAE $\frac{1}{4}$ " hardware (or M6)
- 2.3. Center-to-center spacing: 8.000 in width, 4.000 in longitudinal
- 2.4. Overall span: 17.000 in

These patterns can accomodate various customer requirements (cameras, gimbals, lidar, multispectral offerings, winch mechanisms, payload release options, dispense systems, and many more) via direct-mount or through an adapter plate. Please inquire for custom design services.

Notes				
Material	Carbon Fiber; 3mm; 3k; twill; standard modulus			
Tolerance	+/-0.005" Unless Specified			
Finish	Matte sanded			
Edges	NA			
Other	Drawing and options subject to change; please inquire for latest drawing revision.			

PROJECT

ASW Heavy Lift Multirotor

TITLE

Customer Integration Reference Frame Mounting Options



DRAWN ASW	DATE	5/2/2025
SCALE 1:10	SHEET	1/1