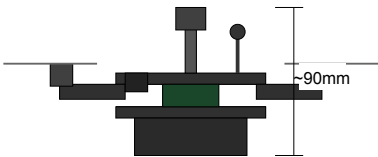
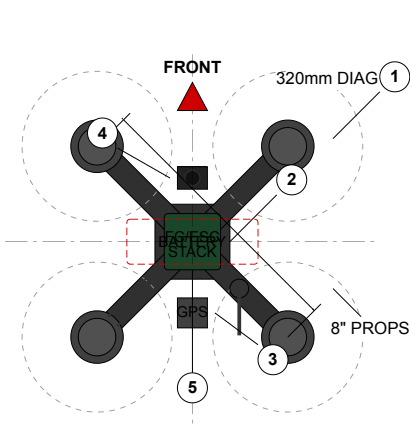


MODEL-F 8" ATTACK DRONE - TOP VIEW (1:4 SCALE)

SIDE VIEW (1:4)



MAJOR ASSEMBLY COMPONENTS

ITEM	PART NO.	DESCRIPTION	NDAA
1	MF-2814-1100	BLDC Motor (x4)	USA MFG
2	ARK-FPV-FC	Flight Controller	BLUE UAS
3	ARK-RTK-F9P	RTK GPS Module	BLUE UAS
4	HDZ-WHOOP-LITE	Digital HD VTX + Cam	ALLIED
5	BAT-8S-6000-LI	8S 6000mAh Li-Ion Pack	ALLIED
6	ARK-ESC-4IN1-65A	4-in-1 65A ESC	BLUE UAS
7	TBS-XFIRE-NANO	Crossfire Receiver	NDAA
8	KDE-CF8045-DP	8" CF Props (x4)	USA MFG

AIRCRAFT SPECIFICATIONS

Frame Size: 8" (320mm diagonal)
All-Up Weight: ~1850g
Battery: 8S 6000mAh Li-Ion
Motors: MF-2814-1100KV (x4)
Props: 8045 Carbon Fiber
Thrust/Weight: ~3:1
Flight Time: ~15-20 min
Max Speed: ~130 km/h

NDAA COMPLIANCE STATUS

- ✓ All electronics: Blue UAS / USA
- ✓ Motors: Custom USA design
- ✓ Frame: USA manufactured
- ✓ Battery: Allied nation cells
- ✓ Video: USA design / Allied mfg
- ✓ Radio: EU company / NDAA OK

ASSEMBLY NOTES:

1. MOUNT FC/ESC STACK WITH RUBBER DAMPENERS TO REDUCE VIBRATION
2. ROUTE ALL WIRES AWAY FROM PROPS - SECURE WITH ZIP TIES
3. GPS MAST MINIMUM 50mm ABOVE FRAME FOR CLEAR SKY VIEW
4. BALANCE PROPS BEFORE FLIGHT - CRITICAL FOR VIDEO QUALITY
5. VERIFY ALL MOTOR DIRECTIONS BEFORE FLIGHT (BETAFLIGHT MOTORS TAB)

MODEL-F ATTACK DRONE

COMPLETE AIRCRAFT ASSEMBLY

DWG NO: MF-ASSY-001	REV: A
SCALE: 1:4	AUW: ~1850g
CLASS: 8" ATTACK QUAD	SHEET: 1 OF 1