

Companion Drone: Bill of materials

Concept assembly guide derived from the staged build plan. Not a certified engineering drawing. Prices are estimates (Oct 2026); nothing here is a purchase.

ID	Stage	Part	Qty	Price	Buy link
C1	Stage 1	BetaFPV Cetus Lite FPV Kit (drone, radio, goggles, 2 batteries, charger)	1	\$109.99	BetaFPV
C2	Stage 1	Eachine ROTG01 UVC 5.8 GHz USB receiver	1	\$23.99	Amazon search
C3	Stage 1	SunFounder USB mini mic	1	\$8.59	Amazon search
C4	Stage 1	Small USB-powered speaker	1	~\$12	Amazon search
C5	Stage 1	EMEET M0 Plus speakerphone (optional upgrade)	1	\$49.98	Amazon search
C6	Stage 2	3.5-inch frame + props	1	~\$33	Amazon search
C7	Stage 2	ArduPilot F405 mini flight stack	1	~\$60	Amazon search
C8	Stage 2	Brushless motors (3.5-inch class)	4	~\$50	Amazon search
C9	Stage 2	4S 850 mAh batteries x2 + charger	1	~\$75	Amazon search
C10	Stage 2	Matek M10Q-5883 GPS	1	\$42.99	Boulder MultiRotor (Matek)
C11	Stage 2	EWRF TS5823 VTX + 1000TVL camera with mic	1	\$31.31	Amazon search
C12	Stage 2	ROTG01 Pro receiver with audio	1	\$28.99	Amazon search
C13	Stage 2	ELRS radio + receiver (RadioMaster Pocket)	1	~\$80	Amazon search
C14	Stage 2	Remote ID broadcast module	1	~\$35	Amazon search
C15	Stage 2	ESP32 board + amp + 2 W speaker	1	~\$15	Amazon search
C16	Stage 3	Stage 3 = Grok Scout conversion (see Scout BOM)	1	~\$300	Scout BOM

Links marked 'Amazon search' open a search for that exact part spec (no specific listing chosen yet, no affiliate tag). Vendor links come from the existing build brochures.