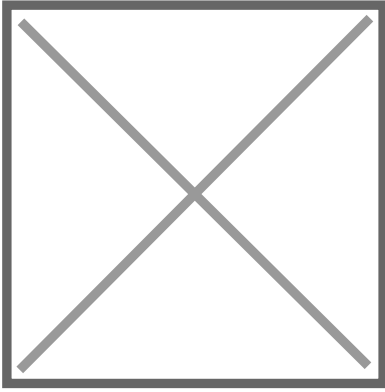


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UAV Modular Design Starter Kit - Frame, Sensor Bays, BOM

Description

The **UAV Modular Design Starter Kit** is ideal for engineers, students, and drone developers looking to rapidly prototype or test modular UAV frame configurations.

This kit includes:

- A customizable 3D frame model (.SLDPRT)
- Interchangeable **sensor bays** with quick-release mounts
- A **Bill of Materials (BOM)** with recommended fasteners and materials
- STL files for additive manufacturing (**3D print-ready**)
- STEP files for CAD platform flexibility
- Assembly diagram and part naming structure

Design features include vibration-dampened platforms, payload adaptability, and pre-aligned component layout. Whether you're building a research drone, testing payload configs, or teaching drone design, this kit provides a fast-track entry to real-world UAV CAD workflows.

Deliverables:

1. Frame & Sensor Bay CAD Files (.SLDPRT / .STEP)
2. STL files for 3D printing
3. Complete BOM (.xlsx)
4. Exploded View Assembly Image (.png)
5. Documentation & Usage Guide (.pdf)
6. Licensing Terms

This modular UAV design kit is streamlined for learning, testing, or launching design variants fast with full CAD control at your fingertips.

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