

Flight Simulation Station: Procurement Manifest

Project: Flight Sim Aviation Lab

Date: _____ **Prepared By:** _____

1. Simulation Software

Requirement: Must be offline-capable (No streaming data dependency).

- **Software Title:** X-Plane 12
 - **License Type:** Digital Key
 - **Vendor:** _____
 - **Price:** \$ _____
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2. Computer Workstation

Requirement: Gaming Desktop (Do not purchase standard office PC).*

Selected Model/Name: _____

Vendor: _____

Verification Checklist (Must Meet or Exceed):

- **System Memory (RAM):** _____ GB (*Target: 16GB for Cadet / 32GB for Captain*)
- **Graphics Card Memory (VRAM):** _____ GB (*Target: 8GB Min / 12GB Preferred*)
- **Storage:** _____ GB SSD (*Target: 1TB NVMe SSD*)

Price: \$ _____

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3. Flight Controls (The Cockpit)

Hardware to control the aircraft surfaces and engine.

A. Yoke System (Steering):

- *Recommendation: CH Flight Sim Yoke (Budget) OR Honeycomb Alpha (Mid-Range)*
- **Model:** _____
- **Price:** \$ _____

B. Throttle Quadrant (Engine Power):

- *Recommendation: Logitech G Flight Throttle (Budget) OR Honeycomb Bravo (Mid-Range)*
- **Model:** _____
- **Price:** \$ _____

C. Rudder Pedals (Foot Controls):

- *Recommendation: CH Pro Pedals (Budget) OR Logitech G / WinWing (Mid-Range)*
 - **Model:** _____
 - **Price:** \$ _____
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4. Visuals (Display)

Requirement: Large format for immersion and group observation.

- **Item:** 43-inch 4K TV / Monitor
 - **Brand/Model:** _____
 - **Price:** \$ _____
 - **Cabling:** High-Speed HDMI Cable (6ft+)
 - **Price:** \$ _____
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Project Totals

Category	Estimated Cost
Software	\$ _____
Computer Hardware	\$ _____
Flight Controls	\$ _____
Visuals & Cables	\$ _____
GRAND TOTAL	\$ _____

Approved By: _____ *Date:* _____