



FALCON TEST SITE 1

Facility Guide

Our all-black integrated warehouse, test and office facility

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1. Overview

FALCON TEST SITE 1 is a large, single-building facility with an all-black exterior designed for production, integration, testing and logistics, with office space built into the same envelope. Teams that build hardware work a few steps from the people who plan, inspect and ship it.

Characteristic	Description
Exterior	Matte black metal cladding, black glazing, black roof and equipment screens
Layout	Central high-bay hall surrounded by support zones, with a mezzanine office level
Purpose	Assembly, integration, test, storage, shipping and administration
Operating model	Badge-controlled with zone-based access

The interactive 3D model on the public website shows the building layout and what each zone is used for. Descriptions are illustrative and are not engineering drawings.

2. Zones inside the building

Zone	Use
Receiving and dock	Truck docks, receiving inspection staging, packing bench
Storage racking hall	Multi-level pallet racking with cycle-count lanes and a controlled storage cage
Main assembly bay	High-bay assembly with overhead cranes for airframes and large assemblies
Avionics and electronics lab	ESD-protected benches, test equipment and conformal coating area
Composite and finishing area	Layup room, oven and a ventilated paint booth
Machine shop	CNC machines, tool crib and inspection station
Quality and metrology lab	Coordinate measuring machine and inspection tables
Test hall	Environmental chambers, vibration table and RF test area
Propulsion test cell	Reinforced cell with remote observation, used only under the range safety procedures

Zone	Use
Flight preparation hangar	Bay for preparing and checking unmanned aircraft before transport
Range control room	Monitoring and coordination for test events
Server and network room	Core network and local servers
Mezzanine offices	Open-plan offices, executive offices and conference rooms
Secure conference room	Controlled discussions with no personal devices
Break room and lockers	Lunch area, lockers and showers
Medical and first aid	First aid station and AED

3. Mezzanine and office space

The upper level overlooks the main hall through glass. It holds open-plan workspace for program, quality and logistics teams, a set of conference rooms and a small executive suite. The office space is part of the same security perimeter as the production floor.

4. Access zones

Zone level	Examples	Who can enter
Public lobby	Entrance, front desk	Anyone checked in
General	Mezzanine, break room, corridors	Badged staff, escorted visitors
Controlled	Assembly, storage, labs, shop, test hall	Trained staff with the access group
Restricted	Propulsion cell, server room, secure storage	Named personnel only

5. Safety systems

- Fire detection and suppression systems with regular testing
- Emergency lighting, marked exits and assembly points
- Eyewash stations and spill kits at chemical and finishing areas
- Forklift and crane traffic marked with floor striping and pedestrian walkways

- Ventilation and filtration for finishing and composite areas
- First aid stations and AEDs at defined intervals

6. Utilities and resilience

- Backup power for critical systems
- Redundant network paths
- Temperature and humidity monitoring in storage and labs
- Stormwater and wind design appropriate to the region

7. Rules of the building

- Wear your badge and complete zone safety orientation before entering controlled areas.
- Closed-toe shoes are required beyond the lobby. Additional PPE is posted at each area.
- Personal phones and cameras are not allowed in restricted areas.
- Report hazards and near misses immediately.
- Keep walkways clear and follow forklift and crane rules.