

FACILITY CLASS 2, MAINTENANCE FACILITIES

Category Group 21, Maintenance Facilities

General Criteria.

1. Hangars and docks provide space for scheduled inspections, landing gear retraction tests, aircraft weighing, major maintenance on fuel systems, airframe repairs, and technical order (TO) compliance and modifications.
2. Review fire detection and suppression requirements before mission or aircraft change or facility renovation. Reference UFC 3-600-01; ETL 02-15, *Fire Protection Engineering Criteria-New Aircraft Facilities*; and ETL 98-8, *Fire Protection Engineering Criteria-Existing Aircraft Facilities*.
3. Ensure aircraft maintenance facilities comply with local, state, and federal requirements in respect to air emissions, as required by AFI 32-7040. Locate facilities to comply with explosives safety standards. Special consideration may be needed for storage of explosives components such as egress seats, aircraft gun systems, and aircrew flight equipment shops.
4. This chapter covers facility requirements for common Air Force maintenance facilities. However, some facility requirements, such as those for newer, unique, or future weapon systems, were unknown or under development at the time of this document's publication and, therefore, are not included. Contact the lead MAJCOM or OPR for standard facility requirements not contained in AFMAN 32-1084.