

**ARANSAS COUNTY AIRPORT  
RULES AND REGULATIONS  
APPENDIX A  
HANGAR AND T-HANGAR SPECIFICATIONS**

All designs and plans for the construction of hangars and T- hangars at the Aransas County Airport shall conform to current accepted construction practices and shall meet or exceed the requirements of the Southern Standard Building Code. All plans shall be sealed by an architect or a structural engineer licensed to practice in the State of Texas. This certification is necessary to insure adequate frame and roof life load capacity as well as wind loads on sidewalls and hangar doors. Certification by the manufacturer of pre-engineered buildings shall be acceptable for this purpose.

The following specifications shall be included in all design specifications relating to the construction of conventional hangars or T-hangars at the Airport:

**STRUCTURE**

Hangars shall be of the fully enclosed type.

The roof and sidewalls shall be of standard steel construction conforming in design, fabrication, and erection to the requirements of the best practice for pre-engineered structures of this type. Each aircraft bay shall be a clear span with no structural members within the bay. Vertical component members shall be incorporated in the partition walls separating the bays. Any necessary cross bracing to prevent building shift shall also be incorporated into partition walls.

Roof walls and hangar doors shall be covered by securely attached, pre-enameled (of a color approved by airport management) formed steel sheets of not less than 26 gauge. All roof and sidewall seams shall be lapped and sealed, so as to be weather tight. Flashing of not less than 26 gauge pre-enameled steel should be installed at sills, eaves, gables, ridges, and around doors or in any other place where required to make the hangars weather tight and prevent entrance of birds. Pre-formed seal strips shall be installed where necessary to seal openings created by pre-formed steel sheets being attached to flat framing of the structure and hangar doors.

Each individual hangar bay may be separated from adjacent bays/rooms by partitions. Partitions, if provided, shall be constructed of pre-formed 26 gauge steel sheets extending from the floor to the roof with no holes large enough to allow birds to pass from bay to bay.

For stand alone hangars the minimum size acceptable will have a usable aircraft storage space of 70 feet wide by 60 feet deep.

**HANGAR DOORS**

Each hangar bay shall be equipped with a door or doors that are designed for operation by one person. All door designs must submitted to airport manage for approval. It is desired that a walk-in door be included for access to each bay. Walk-in doors, if provided, shall include a cylinder lock. All doors should be

equipped with necessary weather stripping to make a weather tight and bird tight installation.

A minimum size door opening of 60 feet wide by 16 feet high is required for a stand alone hangar.

#### ELECTRICAL

The electrical and light requirements for each hangar shall include as a minimum the following: one each 200 watts light fixture and one each dual power receptacle. All wiring shall be encased in metal conduit.

#### FLOOR

Floors of hangars or T-hangars shall be of concrete construction. Load bearing specifications shall meet or exceed criteria established by the architect or pre-engineered building manufacturer. Design and finishing shall provide proper fall for drainage so as to avoid "bird baths."

#### INFRASTRUCTURE

All needed infrastructure including providing access roads, fencing and landscaping will be the responsibility of the Lessor. Construction of access road, fencing and landscaping shall be consistent with existing and be approved by Airport Advisory Board.

#### NOTICE OF CONSTRUCTION

Any person or their agent who intends to sponsor construction shall submit notice to the FAA Regional Air Traffic Division, through the Texas Department of Transportation Division of Aviation, on Form 7640-1, "Notice of Proposed Construction or Alteration," if the proposed construction or alteration, regardless of height or location, will be on the Airport.

The notice of Proposed Construction or Alteration shall be filed at least 60 days prior to the date at which planned construction or alteration of a structure will begin.

#### APPROVAL BY COMMISSIONERS COURT

Plans for construction or alteration of buildings at Aransas County Airport must be submitted to the Airport Manager for review and approval by the Commissioners Court not less than 45 days prior to the planned start of construction. Plans should include a site plan including location of planned hangar and associated aprons and a floor plan of the proposed hangar. If any construction is planned to be incorporated inside the proposed hangar, those plans must also be submitted for approval. Drawings showing the elevations of the proposed hangar should be provided.