

Thank you for choosing Marana Regional Airport to base your aircraft or utilize a storage room. Until now, the Town of Marana has not had a formal hangar inspection program which is not compliant with our FAA grant assurance obligations. Therefore, beginning this year, we will begin conducting annual and periodic aircraft storage hangar and storage room inspections. Town of Marana Title 15 – Airport Rules and Regulations describe the requirements set forth by the FAA and both aeronautical and non-aeronautical limitations for aircraft storage hangar and storage room use. Aircraft parked in the shade ports and open tie down areas will also be inspected for compliance with Town of Marana Title 15. These inspections will be conducted by airport management, Northwest Fire District, Town of Marana building officials, Town of Marana code compliance officers, and Pima Aviation management to ensure compliance with all Federal laws, fire codes, Town of Marana codes and ordinances including Town of Marana Title 15.

In an effort to assist you and enable the upcoming hangar inspections to be conducted as efficiently as possible, a list of allowed storage items is provided below. We have prepared this document to serve as a ‘Checklist’ for complying with the current fire, building and lease-related standards, and lease terms with your Pima Aviation-owned hangar/storage room.

The Town of Marana wants you to continue to enjoy the Marana Regional Airport and to help you be successful. As such, we hope to make your inspection experience as seamless as possible. If you are able to answer “**Compliant**” to the items in the attached Checklist, the inspection process should only take a minimal amount of your time.

While we have tried to make this an all-inclusive checklist, we also know that many of you have unique circumstances or needs. As such, if/when new matters are identified during the ongoing inspections, information will be provided to you via addenda to this checklist.

A. Aeronautical Uses of Aircraft Storage Hangars and Storage Rooms

1. Storage and parking of active aircraft.
2. Minor maintenance, repair, or refurbishment of aircraft, but not the indefinite storage of nonoperational or derelict aircraft or parts.
3. Storage of aircraft handling equipment, workbenches, and tools and materials used in the servicing, maintenance, repair, or out-fitting of aircraft.
4. Final assembly of aircraft under construction.

B. Allowable Storage Items

1. Any aircraft assigned to the hangar on the airport director’s list of based aircraft, including any aircraft that are being restored or assembled. If an aircraft is non-airworthy or under construction, the aircraft must show significant signs of progress toward airworthiness every 90 days and a report made to the airport director.
2. Aeronautical items associated with an aircraft in the hangar, including the parts, tools, equipment, and support items necessary to maintain and operate an aircraft.
3. Items associated with an aeronautical activity, including balloon and skydiving equipment and teaching tools.

4. Vehicles operated by gate access card permittees and their authorized guests, only when the hangar lessee is either present on the airport, or using the aircraft normally stored in the hangar.
5. Prefabricated metal shelving, workbenches, and cabinets.
6. A reasonable amount of functional furniture only for use in the hangar such as a table and chairs.
7. Spare aircraft tires, batteries, and permitted battery chargers stored and maintained in accordance with fire codes.
8. Refrigerators, air conditioners, fans and similar devices, as long as they are elevated 18 inches above the hangar floor and do not use extension cords.
9. Other items determined by the airport director to be allowable, based on their function and the personal needs of the occupant.

C. Non-Aeronautical Uses of Aircraft Storage Hangars and Storage Rooms

Non-aeronautical items may be stored in aircraft hangars provided that the hangar is used primarily for aeronautical purposes and the non-aeronautical items do not interfere with the aeronautical use of the hangar. Items will not be considered to interfere with the aeronautical use of the hangar unless the items:

1. Impede the movement of the aircraft in and out of the hangar.
2. Impede access to aircraft or other aeronautical contents of the hangar.
3. Displace the aeronautical contents of the hangar.
4. Are used for the conduct of a non-aeronautical business from the hangar, including storage of inventory.
5. Are stored in violation of this title, lease provisions, building codes, or other local ordinances.

D. Aircraft Storage Hangar and Storage Room Requirements and Restrictions

1. Hangars/storage rooms shall not be used as a residence.
2. Hangars/storage rooms shall not be used for the operation of a business or a business office, whether the business is aeronautical or non-aeronautical in nature.
3. A stored aircraft must be airworthy, properly registered with the FAA, properly insured, and registered with the Arizona Department of Transportation.
4. All airport tenants shall supply and maintain adequate and readily accessible fire extinguisher(s) as required by the fire department (a rating of 2-A: 20-BC). Each fire extinguisher shall carry a placard showing the date of the most recent inspection.
5. Hangars shall not be used for storage of household items that can be stored in commercial storage facilities.
6. No unpermitted hangar alterations (lighting, electrical, mezzanine, etc.).
7. Storage of recreational vehicles (e.g., boats, motorhomes, trailers, or campers) will not be allowed if they impede access to aircraft or otherwise displace the aeronautical contents of the hangar.

8. Welding, cutting and all other hot work operations must comply with applicable fire codes. Doping work involving a flammable coating/finish process cannot be applied via spray apparatus, and if being applied by brush or roller, the agent cannot exceed one gallon unless being applied in an area compliant with the requirements of chapter 24 of the international fire code. Welding, or any repair requiring the use of open flames, spark-producing devices, or the heating of parts above 500° F shall only be done outdoors.
9. No equipment or materials may be stored in hangars unless used for the operation and maintenance either of the based aircraft or of the hangar.
10. Firearms and ammunition are not permitted to be stored in aircraft storage hangars or storage rooms.
11. Portable electric heaters must be directly plugged into a permanent receptacle.
12. Extension cords are not to be used as a permanent source of wiring.
13. There shall be room for the aircraft in the aircraft hangar for the based aircraft at all times, even when the aircraft is temporarily not located in the hangar.
14. Oily rags, oil waste, rags and other rubbish and trash may only be stored in hangars in metal containers with self-closing, tight-fitting lids as approved by the airport director.
15. Fueling, defueling and fuel system maintenance shall comply with all applicable fire codes and with the following:
 - a. Fueling or defueling within an aircraft storage hangar or within 25 feet thereof is prohibited.
 - b. Major fuel system maintenance within an aircraft storage hangar is prohibited.
 - c. Open fuel cells are allowed within the hangars if they are new and have never held fuel, or existing tanks have been purged of flammable vapors so there are no hazardous vapors off-gassing in the space.
 - d. No flammable or combustible liquids shall be dispensed into or removed from a container, tank, vehicle, or aircraft except in a location approved by the fire department.
16. No flammable or combustible liquids shall be dispensed into or removed from a container, tank, vehicle, or aircraft except in a location approved by the fire department.
17. Flammable and combustible liquids stored inside hangars must comply with the following:
 - a. Flammable liquids with flash points less than 100° F are prohibited. This includes aviation fuel and most volatile solvents.
 - b. Combustible liquids with flash points greater than 100° F are limited to two gallons maximum. This includes diesel fuel, hydraulic fluid, motor oil, and most lubricating oil.
 - c. Fuel in the tanks of aircraft or aircraft related equipment (e.g., tugs, etc.) are exempt from these limitations.
 - d. All combustible liquids must be stored within safety containers designed for such use, or in the original manufacturers' containers.
18. Oxygen or any combustible or non-combustible compressed gas in a cylinder or portable tank shall be secured. Compressed gas cylinders or tanks shall have pressure relief devices installed and maintained. Cylinders or tanks not in use shall have a transportation safety cap installed. Compressed gas cylinders are subject to maximum allowable quantities per control area depending on their contents.

19. Portable aircraft and vehicle batteries may only be charged within an aircraft hangar while the aircraft owner or occupant is present, except for trickle type chargers with an automatic shutoff. Stationary storage battery systems must be installed and maintained in accordance with applicable fire codes.

E. Aircraft Shade Ports and Open Tie-Down Requirements and Restrictions

1. Storing and parking of a based aircraft assigned to the shade or tie-down and listed on the airport director's list of based aircraft, and storing of aeronautical items that are approved by the airport director. Aircraft parked in a shade or tie-down shall be parked so as to be completely contained within the aircraft parking space and to not obstruct adjacent aircraft parking area, taxi lanes, or fire department or other emergency vehicle access, except for the purpose of immediate and temporary staging and fueling of such aircraft.
2. No equipment or materials may be stored in shade ports or tie-downs unless used for the operation and maintenance of the based aircraft assigned to the shade port or tie-down. The airport director may approve the storage of additional items on a case-by-case basis.
3. Oily rags, oil waste, rags and other rubbish and trash may only be stored in shade ports or tie-downs in metal containers with self-closing, tight-fitting lids that are approved by the airport director or the fire department and must be secured to prevent spillage.
4. Disabled or otherwise non-airworthy aircraft may not be parked in the shade ports or on open tie-down parking ramp. This includes but is not limited to aircraft with deflated tires, missing external parts (e.g., propeller, cowling), and expired registration. Aircraft in this condition must be removed from the airport or temporarily relocated to a hangar, subject to aircraft hangar rules that prohibit the indefinite storage of nonoperational and derelict aircraft.
5. Tenants may have a tool box, ladder, or container adjacent to their aircraft. These items must be secured by chain and lock underneath the aircraft.

We appreciate that our airport tenants value our airport and overall do a great job of utilizing our facilities for aeronautical use, however at this time it has become necessary to implement a formal hangar policy and inspection program to ensure ongoing compliance of Town of Marana Title 15 as well as compliance with the New FAA Hangar Policy, dated June 15, 2016.

Thank you in advance for your cooperation and compliance with the new hangar inspection program. It is anticipated that the inspections will begin in April 2018. When available, the inspection schedule will be posted on the Airport's website at www.flymarana.com. This information will also be emailed to tenants who have an email address on file. If you don't have an email address on file or you are not sure if you do, please send an email to lnorris@maranaaz.gov requesting to be added to the list. Our email list is used solely for airport related issues and information.

Hangar and storage room tenants are welcome to be present during their inspection. If you are unable to or do not wish to, please ensure that Pima Aviation has a copy of your lock key or combination.

Sincerely,

Steve Miller, C.M., C.A.E.
Airport Director