

Purpose



In alignment with the Airport's Strategic Plan (Aug 2023), and feedback from the FAA Land Use Inspection (Sep 2023), the Truckee Tahoe Airport District (TTAD) is implementing the hangar revitalization plan.

3 Pillars:

- 1) Maintain a safe environment for tenants and employees.
- 2) Maintain and improve existing infrastructure.
- 3) Comply with FAA Grant Assurances (FAA Hangar Use Policy).

Timeline



March

- DRAFT inspection checklist developed (slides 4-6)
- Rehearse checklist across test-group of hangars for standardization
- Notify tenants of inspection timelines

April

- Update checklist from staff and tenant feedback
- Input checklist into ASOCS (new digital work order system)

May-Jun

- Temporarily place additional dumpsters across airport (see next slide)
- Execute inspections
- Resolve internal questions with management
- Notify tenants of inspection results

Jul-Aug

- All hangars compliant with standards
- Continue to work challenging situations

Inspection Timeline



<u>Rows</u>	<u>Dumpster Placement</u>	<u>Inspection Window</u>
Alpha, Bravo, Charlie	15 April – 1 May	May 1-15
Delta, Echo, Fox	1 May – 15 May	May 15-31
Golf, Hotel, Juliet	15 May – 1 Jun	June 1-15
Kilo, Lima, Mike, Nov, Papa	1 Jun – 15 Jun	June 15-30

Hangar Inspection Checklist



Yes No

___ ___

Pedestrian Door: 3 ft safety zone free of all debris (fire ext, momentary switch, electric panel).

Notes: _____

Yes No

___ ___

Hangar Door: 4 ft safety zone along entire length of door, except for aircraft nose/prop/tug.

Notes: _____

Yes No

___ ___

Aircraft Towing: free of all objects that would impede immediate towing of aircraft.

Notes: _____

Yes No

___ ___

Aircraft Clearance: 2' safety zone around entire aircraft unless approved by District.

Notes: _____

Yes No

___ ___

Walls: No items permanently attached to walls or “lofts” unless approved by District.

Notes: _____

Yes No

___ ___

Shelving: No shelves higher than 5' 9" unless approved by District.

Notes: _____

Hangar Inspection Checklist



Yes No

___ ___

Hazardous Materials: not stored in hangar; except in approved storage containers.

Notes: _____

Yes No

___ ___

Household Goods: no-egregious storage; does not interfere with aeronautical uses.

Notes: _____

Yes No

___ ___

Vehicles: meet safety/clear zone requirements, registered, insured, keys in ignition.

Notes: _____

Yes No

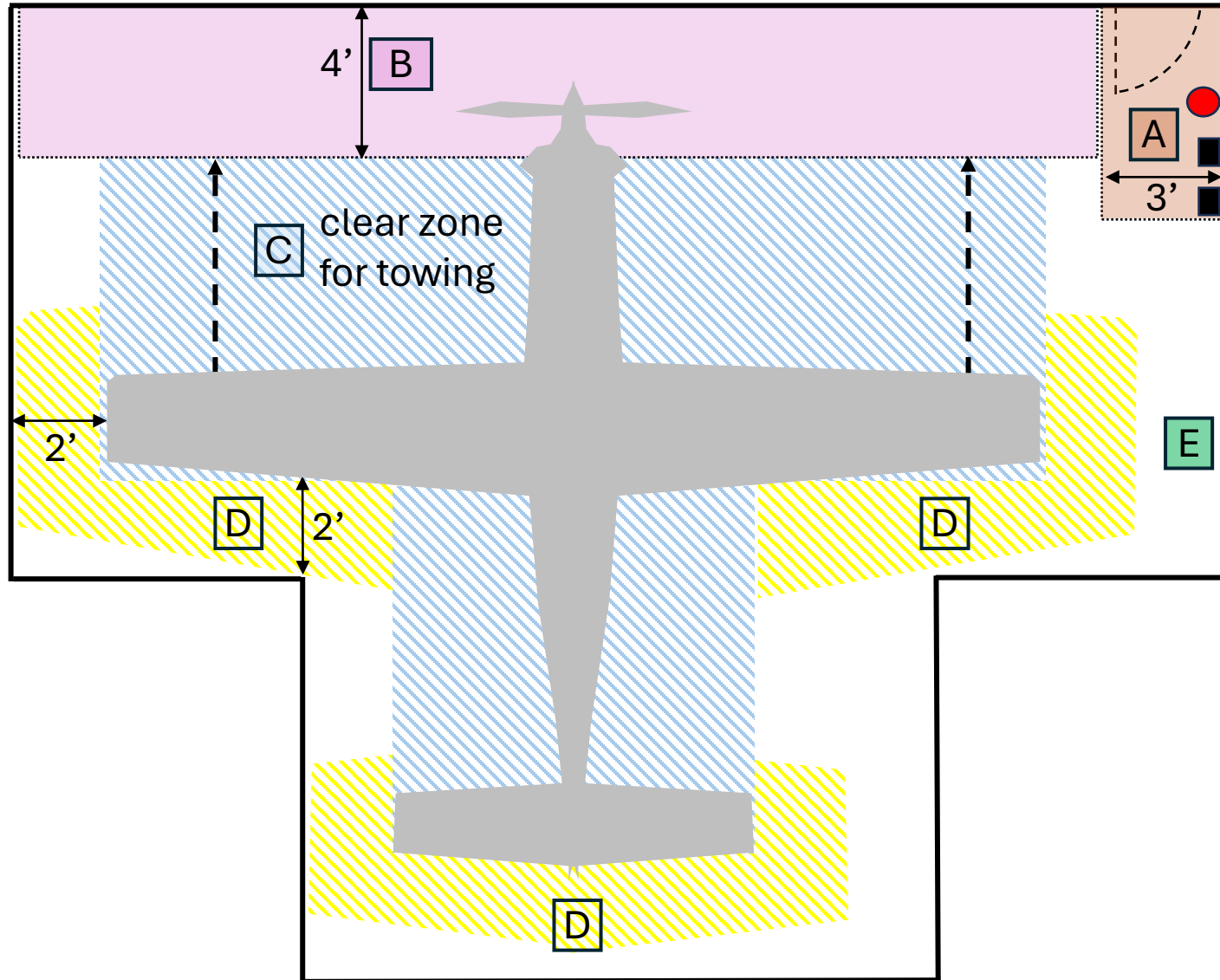
___ ___

Cleanliness: hangar is kept clean and free of clutter for movement about hangar.

Notes: _____

General Comments: _____

Safety/Clear Zones Depicted



- A** 3' safety zone around pedestrian door, momentary switch, electrical panel, & fire extinguisher (varies by hangar).

 - **Why:** *allows staff safe entry into hangar and execute Fire Code & Maintenance inspections.*
- B** 4' safety zone from bifold hangar door; cowling/prop/tug may intrude into the 4' clear zone (unless waived by District).

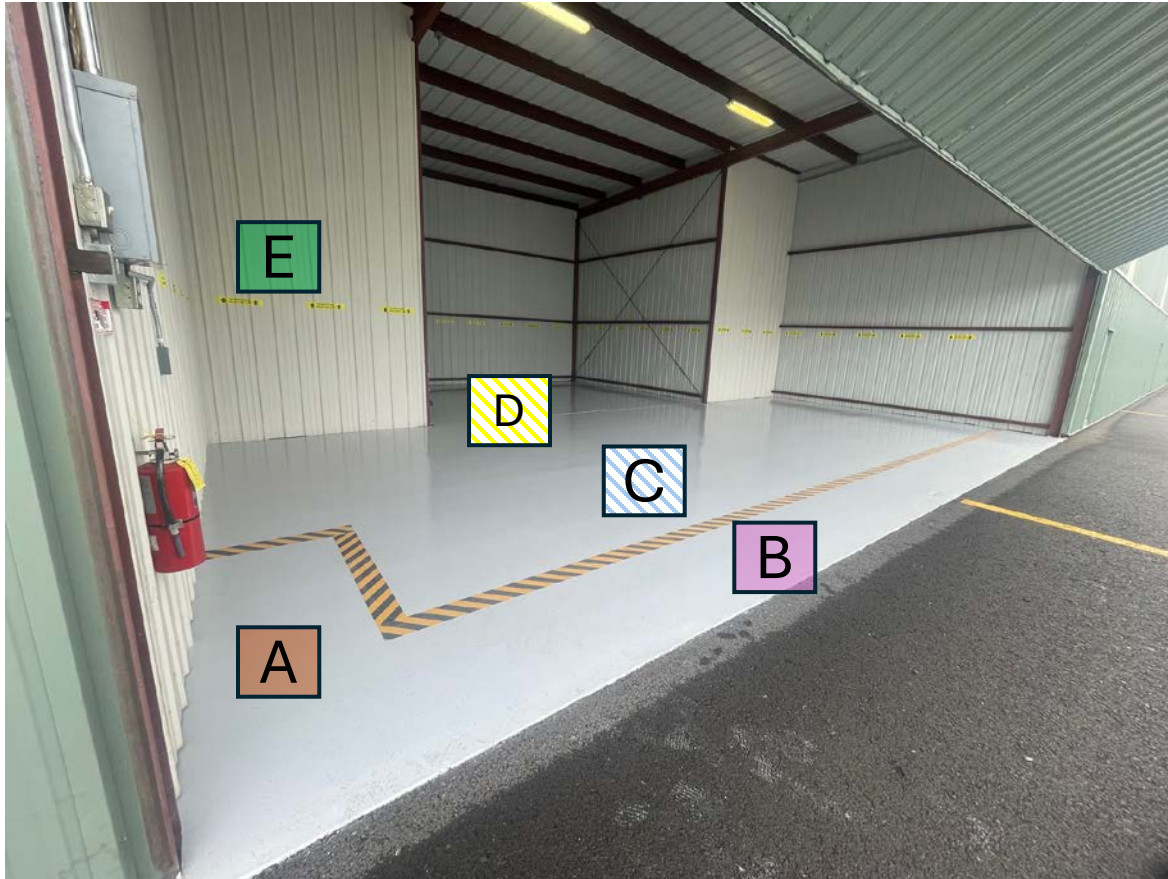
 - **Why:** *complies with OSHA ladder standards, allows staff to safely inspect hangar door/cables.*
- C** Clear zone with no objects that need to be moved that would impede immediate towing of aircraft by staff.

 - **Why:** *FAA policy, allows staff to tow aircraft for extenuating circumstances.*
- D** 2' safety zone around aircraft (unless waived by District).

 - **Why:** *allows staff ability to safely maneuver around hangar without risking damage to aircraft.*
- E** No shelving above 5' 9", lofts, or permeant attachments to walls (unless waived by District).

 - **Why:** *shelving height governed by CA Building Code 105.2 item 13, lofts can damage wall integrity if not built correctly.*

Revitalized Hangar



FAA Permissible Aeronautical Hangar Uses:

- Storage of active aircraft.
- Shelter for maintenance, repair, or refurbishment of aircraft, but not the indefinite storage of non-operational aircraft.
- Construction of amateur-built or kit-built aircraft provided that activities are conducted safely.
- Storage of aircraft handling equipment, e.g., tow bar, glider tow equipment, workbenches, and tools and materials used to service, maintain, repair or outfit aircraft; items related to ancillary or incidental uses that do not affect the hangars' primary use.
- Storage of materials related to an aeronautical activity, e.g., balloon and skydiving equipment, office equipment, teaching tools, and materials related to ancillary or incidental uses that do not affect the hangars' primary use.
- Storage of non-aeronautical items that do not interfere with the primary aeronautical purpose of the hangar (for example, televisions, furniture).
- A vehicle parked at the hangar while the aircraft usually stored in that hangar is flying, subject to local airport rules and regulations.

FAA Non-Permissible Hangar Uses:

- Use as a residence.
- Operation of a non-aeronautical business, e.g., limo service, car and motorcycle storage, storage of inventory, non-aeronautical business office.
- Activities which impede the movement of the aircraft in and out of the hangar or other aeronautical contents of the hangar.
- Activities which displace the aeronautical contents of the hangar or impede access to aircraft or other aeronautical contents of the hangar.
- Storage of household items that could be stored in commercial storage facilities.
- Long-term storage of derelict aircraft and parts.
- Storage of items or activities prohibited by local or state law.
- Fuel, and other dangerous and Hazmat materials.
- Storage of inventory or equipment supporting a municipal agency function unrelated to the aeronautical use.