

AIRPORT DRIVER TRAINING

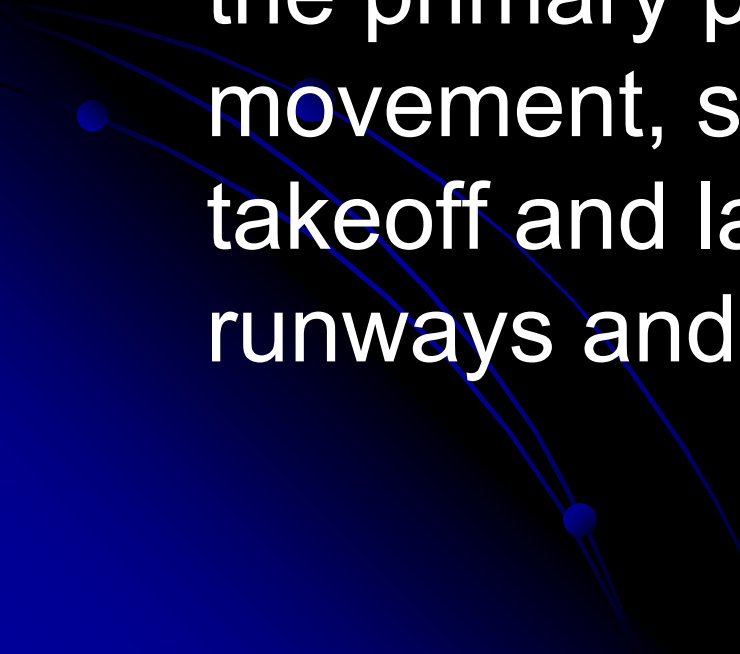


MUNICIPAL AIRPORT

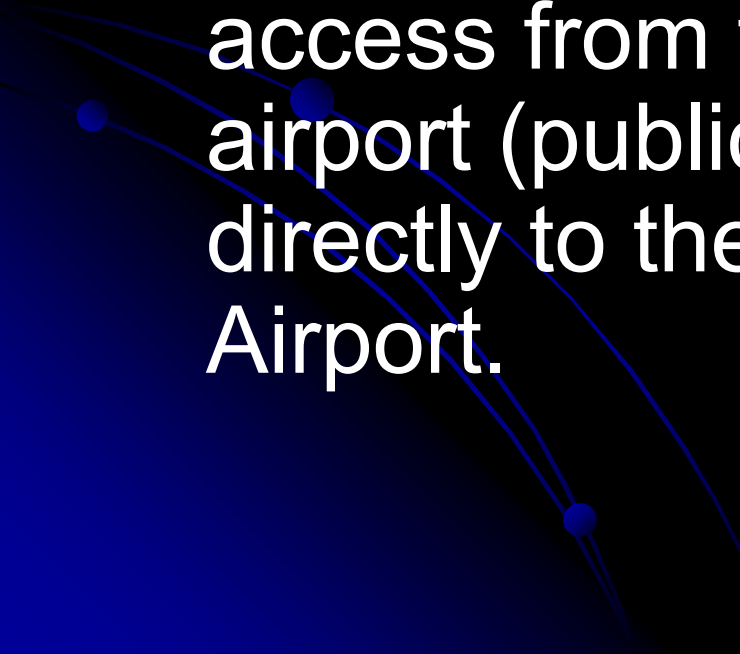
WHY ARE YOU HERE?

- The FAA requires Airports to limit vehicles operating on airport. 14 C.F.R. § 139.329
- This includes **“provisions identifying consequences of noncompliance”**.
14 C.F.R. § 139.329(b)

DEFINITIONS

- **Airfield:** The area inside of the airport perimeter fencing including runways, taxiways, and safety areas.
 - **Movement Area:** Paved surfaces where the primary purpose is for aircraft movement, such as taxiing, hover taxiing, takeoff and landing. Examples are runways and taxiways.
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DEFINITIONS CONT.

- **Non-Movement Area:** Paved surfaces where the primary purpose is for parking. Examples include ramps and vehicle roads.
 - **Access Road:** A road which provides access from the landside portion of the airport (public areas outside of the fence) directly to the Movement Areas of the Airport.
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DEFINITIONS CONT.

- **Safety Area**: A designated area abutting the edges of runways or taxiways intended to reduce the risk of damage to an aircraft inadvertently leaving the runway or taxiway.



DEFINITIONS CONT.

- **Convenience Crossing:** Crossing the runway without an operational need.

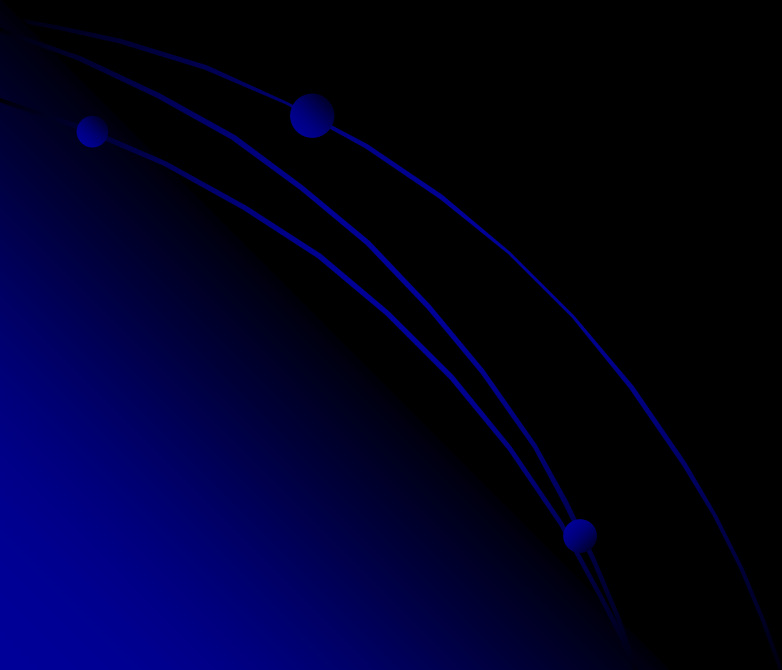
These crossings are prohibited at all times!

- **Operational Crossing:** Crossing the runway due to an operational need.

Examples include: towing an aircraft, Airport or Town Vehicles responding to an urgent or emergency situation.

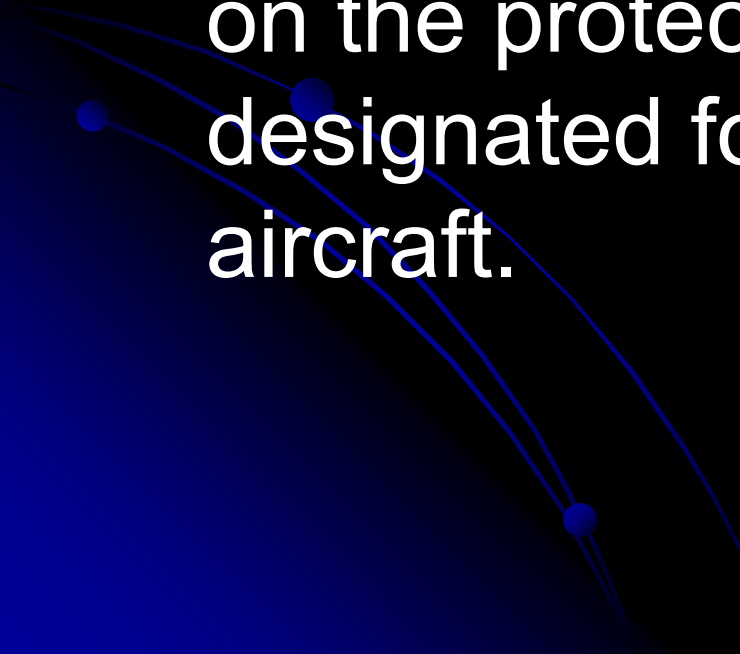
DEFINITIONS CONT.

- **FOD**: Foreign Object Damage / Debris.
Any object on the ground that may damage an aircraft, vehicle, person or other object.



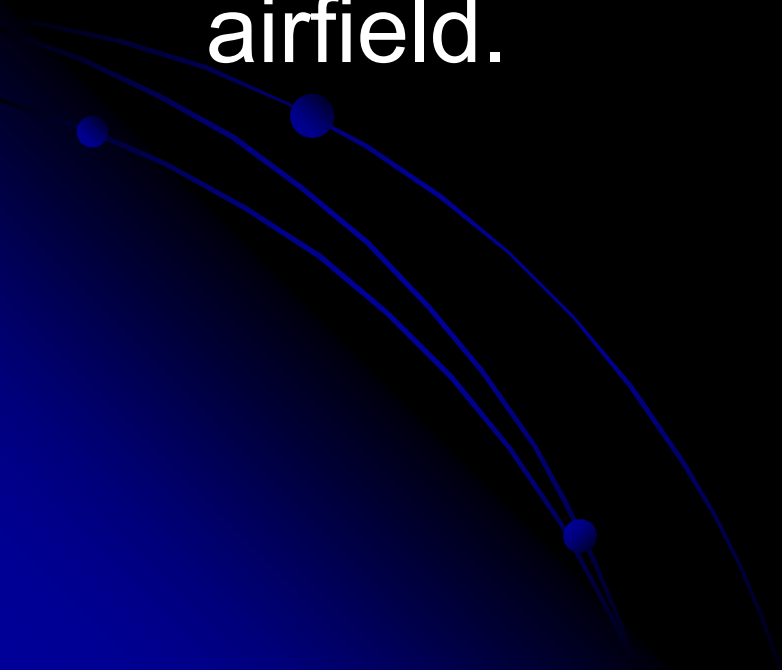
DEFINITIONS CONT.

RUNWAY INCURSIONS

- The FAA definition – An occurrence at an aerodrome (airport) involving the incorrect presence of an aircraft, vehicle or person on the protected area of a surface designated for the landing and take-off of aircraft.
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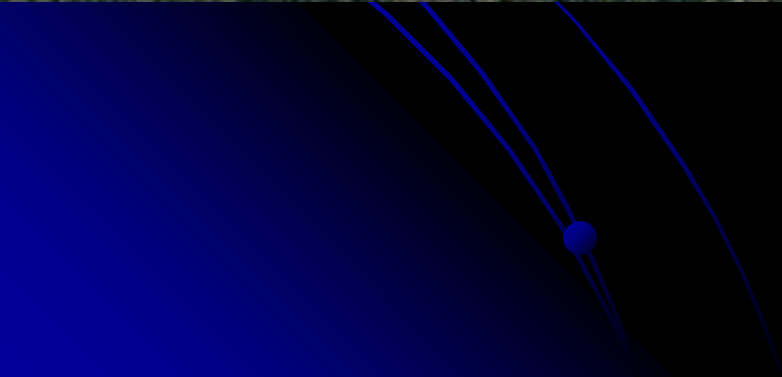
AIRPORT LAYOUT

- The Airfield is a Restricted Area!!!
- Only vehicles driven by authorized drivers are allowed to transition through the airfield.

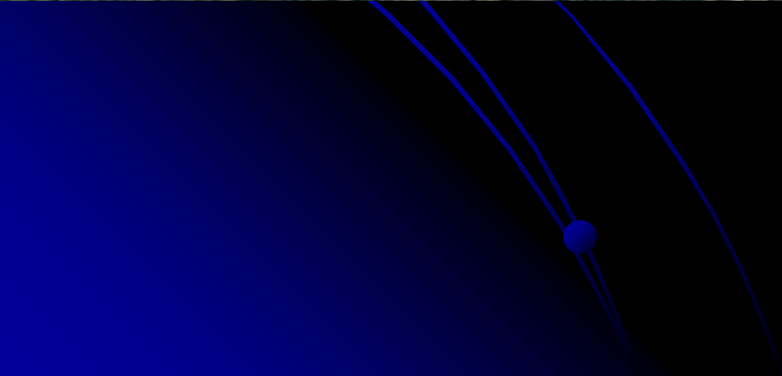


AIRPORT LAYOUT CONT.

Airfield



AIRPORT LAYOUT CONT.
RUNWAY



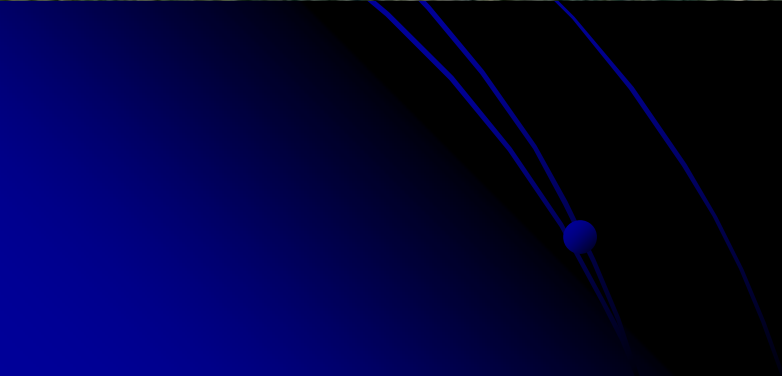
AIRPORT LAYOUT CONT.
TAXIWAYS



AIRPORT LAYOUT CONT.

Movement Area

= Runway + Taxiways

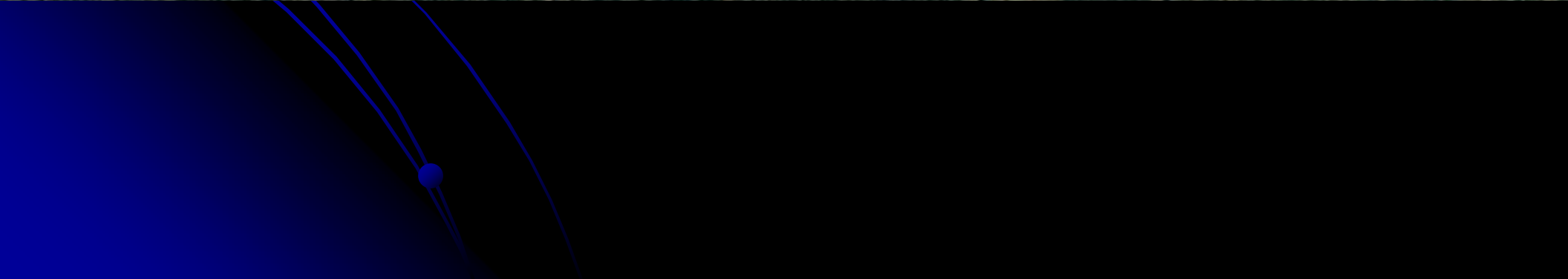


AIRPORT LAYOUT CONT.

Safety Areas

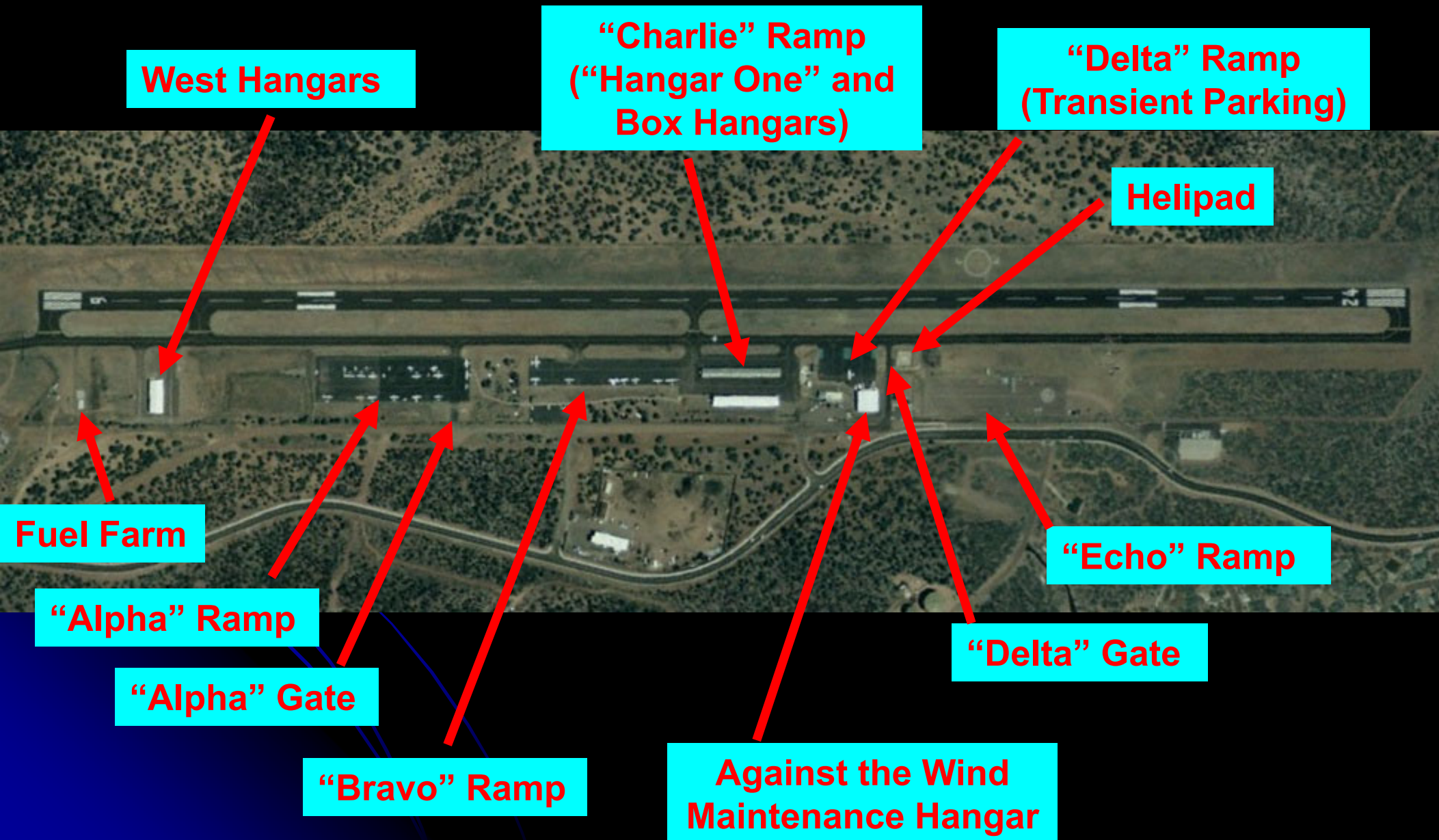


AIRPORT LAYOUT CONT.
NON – MOVEMENT AREAS



AIRPORT LAYOUT CONT.

KEY LOCATIONS



Airfield Markings


- **Hold Bars**



- Boundary between taxiway and runway.
- Stay on the solid line side.



Airport Lighting

- Runway Lighting
 - Taxiway Lighting
 - Runway End Lights
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Runway Edge Lighting



- Designed to identify the edge of the usable runway surface at night and during periods of low visibility.
- Runway edge lighting is clear (or white).

Taxiway Edge Lighting



- Designed to identify the edge of the usable taxiway surface at night and during periods of low visibility.
- Taxiway edge lighting is blue.

Runway End Lights



- Used to depict the end of the useable runway to aircraft.
- Arranged in two sets of four red lights.

Now you know about the airport!

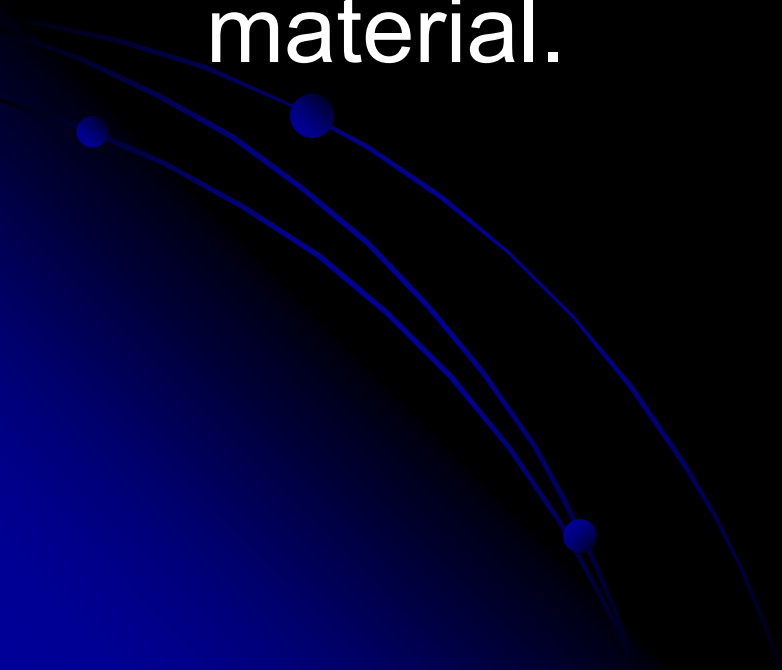
Ask your self:

“How do I drive out here?”



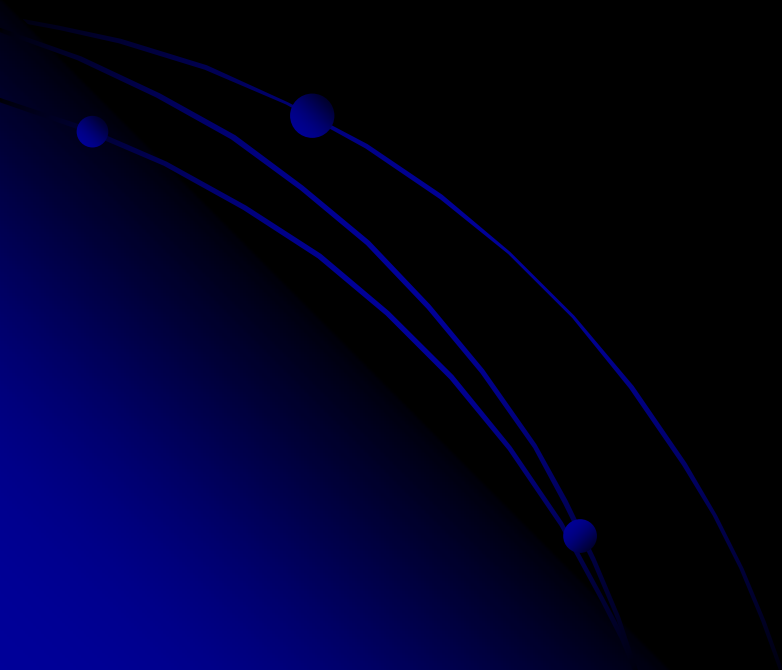
WHAT DO YOU NEED TO KNOW

- Be familiar with the layout of the airport.
- Be familiar with airport markings and lighting and what they mean!!
- Be familiar with this Airport Driver Training material.

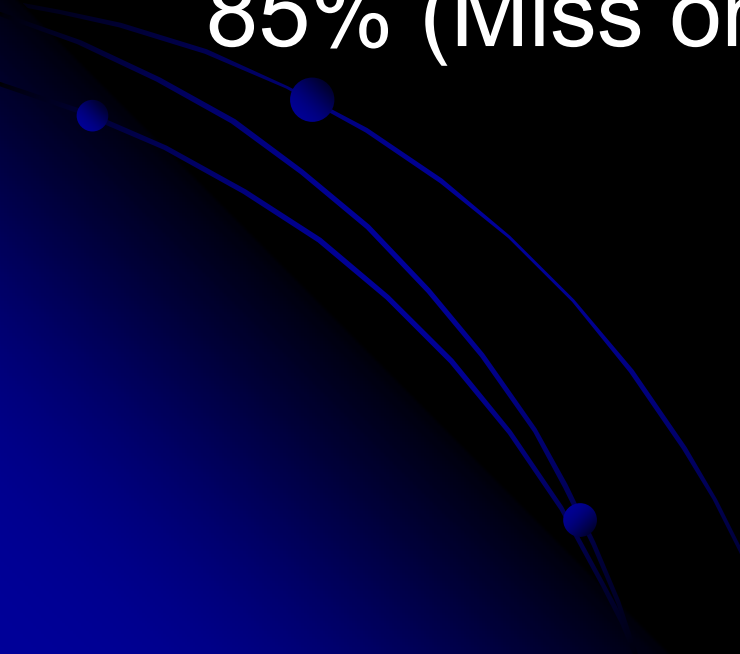


WHAT MUST YOU HAVE

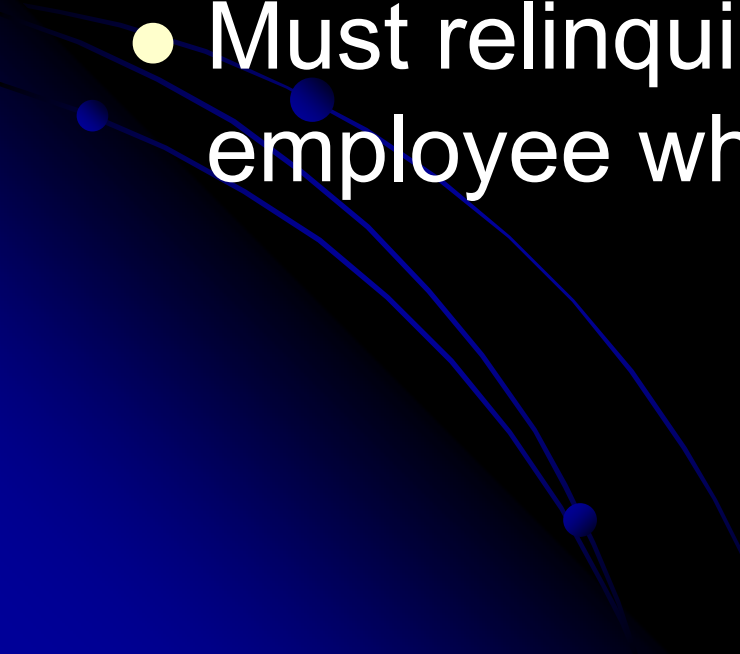
- Valid state drivers license.
- Airport training certificate (Airport Authorization).



HOW DO YOU GET AUTHORIZATION

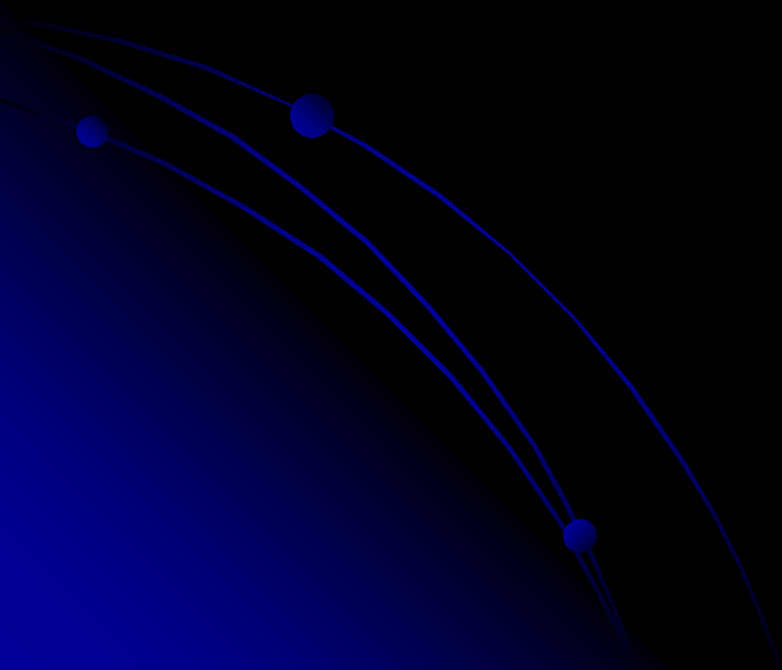
- Must have an “Operational Need” to be on and drive on the field.
 - Attend Driver’s Training.
 - Pass a written test with a score of at least 85% (Miss only two questions).
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Airfield Driver's Training Certificate

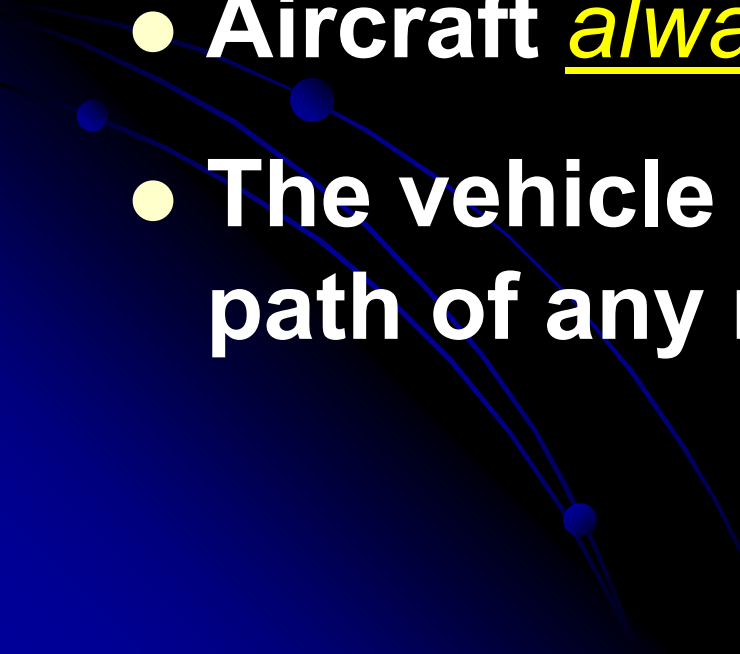
- Your certificate must be in your possession whenever on airfield.
 - Do not loan your certificate to anyone else.
 - Report lost certificates immediately.
 - Must relinquish certificate to Airport employee when so asked.
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Vehicles Must :

- Be in sound mechanical condition.
- Have state minimum insurance requirements.



Vehicles Must :

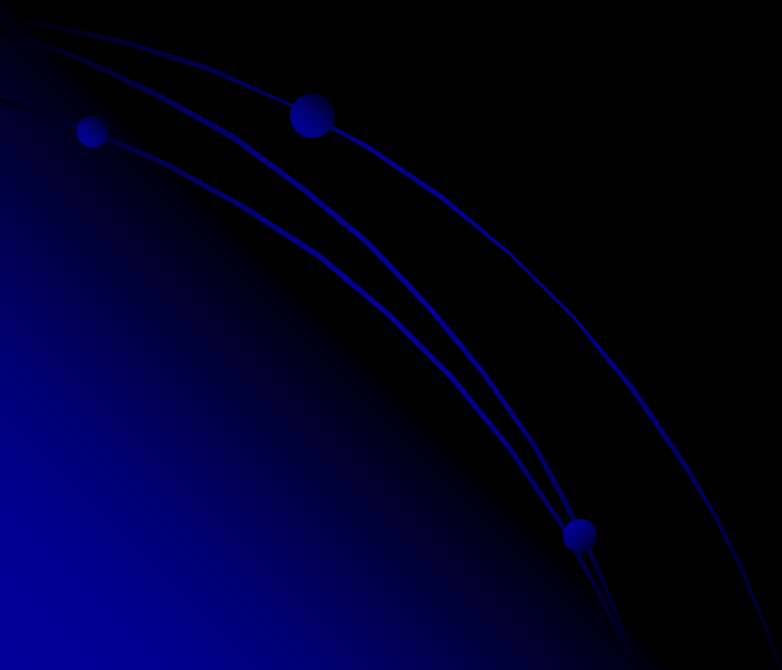
- All vehicles and ground equipment must yield when within 100-feet of any moving aircraft while in the Movement Area.
 - Aircraft always have the right-of-way.
 - The vehicle must never drive into the path of any moving aircraft.
- 

Vehicles Must :

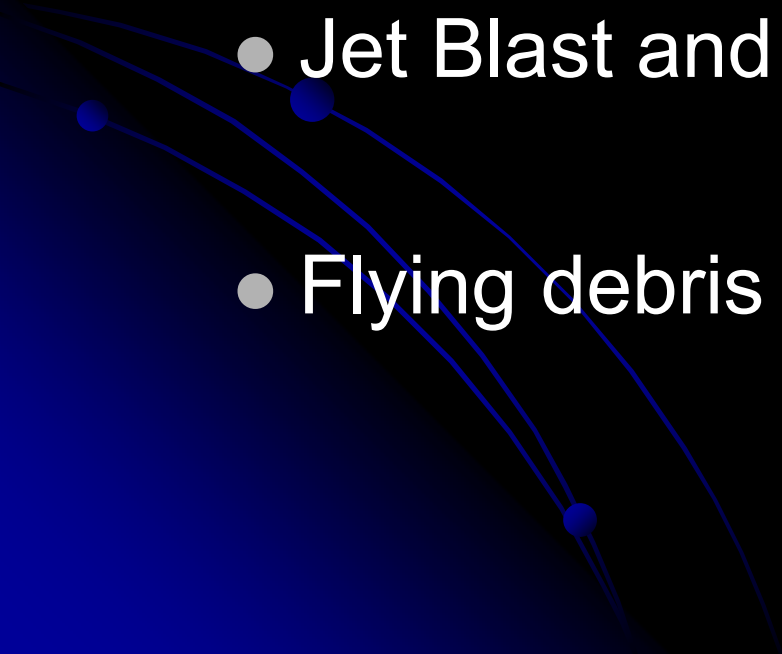
- Yield the right-of-way to all authorized emergency response vehicles responding to emergency situations including: **fire department**, **police department**, **ambulances** and **AIRPORT OPERATIONS** vehicles.

VEHICLE OPERATIONS

- SPEED LIMITS:
 - 5 mph within 10 feet of aircraft
 - 10 mph on aircraft parking ramps
 - 25 mph on other roads and taxiways.

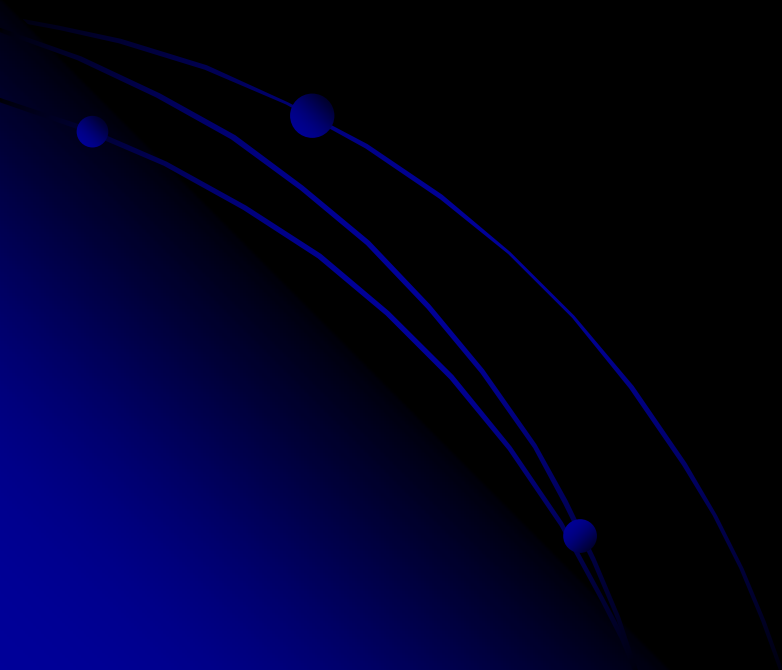


HAZARDS ON THE RAMPS


- Always be on the look out for:
 - Moving Propellers
 - It is equally dangerous if you are in front, behind or on the side of a moving propeller.
 - Jet Blast and Intake suction
 - Flying debris
- 

HAZARDS ON THE RAMPS

- Helicopters:
 - Are extremely maneuverable
 - May not normally fly a standard traffic pattern and may “appear out of nowhere”



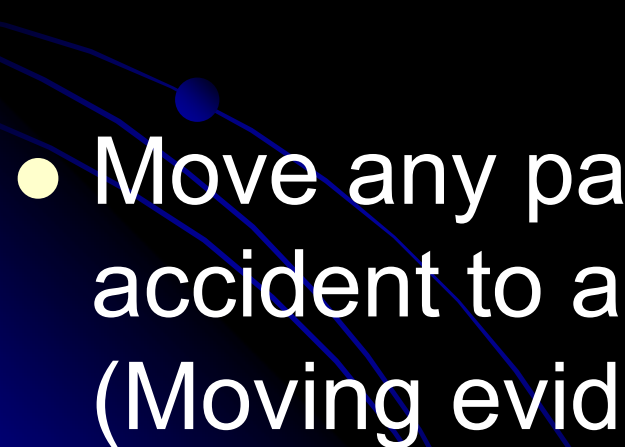
HAZARDS ON THE RAMPS

- Night Driving Operations:
 - Even if an aircraft has its lights on it is **harder** to see at night than it is in the day time.
 - Use caution with your headlights as they can hurt a pilot's night vision for up to 30 minutes!!
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THE DO'S

- Give way to aircraft at all times.
- Report all Spills to Airport Operations, i.e. fuel, oil, lavatory, de-ice fluid etc.
- Report any wildlife sightings.
- Report all accidents; render aid as needed.
- Be aware of jet blast and FOD; pick up anything that could cause damage should it get blown around.

THE DO NOTS

- Park or leave a vehicle unattended that will interfere with aircraft movement.
 - Drive in a reckless or careless manner.
 - Move any parts or pieces of an aircraft accident to aid in the investigation.
(Moving evidence is a Federal crime.)
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AIRPORT LAYOUT CONT.

VEHICLE TRAVEL ROUTES

(From Alpha Gate)



“Alpha” Gate

When approaching a taxiway, stop and look both directions before proceeding.

AIRPORT LAYOUT CONT.

VEHICLE TRAVEL ROUTES

(From Delta Gate)



When approaching a taxiway, stop and look both directions before proceeding.

“Delta” Gate

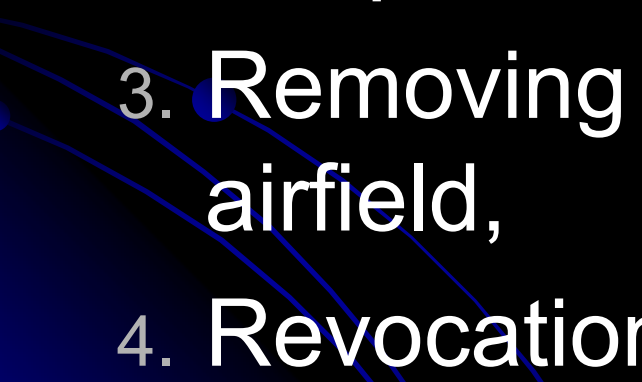
Gate Operations

- The gates have two purposes: Airport Security and to keep animals off airport
- Hold Gate Card near to the “reader” which is a black square with a red LED light on it.
- Once open, pull through gate beyond the white line (ground sensor) then stop and wait for the gate to close.
- To exit, pull up to gate and ground sensor will open gate, then pull through beyond white line and wait for gate to close.


Violations - The What If !!!

PAYSON REGIONAL AIRPORT		NOTICE OF VIOLATION			COPIES TO: AIRPORT OPERATIONS VIOLATOR	
Written by:		Date Written MO DAY YR	Date of Violation MO DAY YR		Time	Notice #
TYPE OF VIOLATION OBSERVED 1 <input type="checkbox"/> No Airfield Driver's Certificate 2 <input type="checkbox"/> Failure to Escort / Be Escorted 3 <input type="checkbox"/> Failure to yield to aircraft 4 <input type="checkbox"/> Improper parking 5 <input type="checkbox"/> Excessive speed 6 <input type="checkbox"/> Other		NAME:		LICENSE PLATE #:		
		ADDRESS & PHONE #:		LOCATION OF VIOLATION:		
		COMMENTS:				
THIS IS THE 1 ST 2 ND 3 RD 4 TH _____ OTHER VIOLATION FOR THIS PERSON						
PENALTY FOR THIS VIOLATION IS:		RETRAINING _____ DAYS SUSPENSION OF PRIVILEGES		OTHER: _____		
		RETESTING _____ DAYS RECOVATION OF PRIVILEGES		_____		
CONTACT THE FOLLOWING PERSON FOR VIOLATION RESOLUTION:				PHONE: _____		
RESOLVED ON:		WITH:		SIGNATURE: _____		

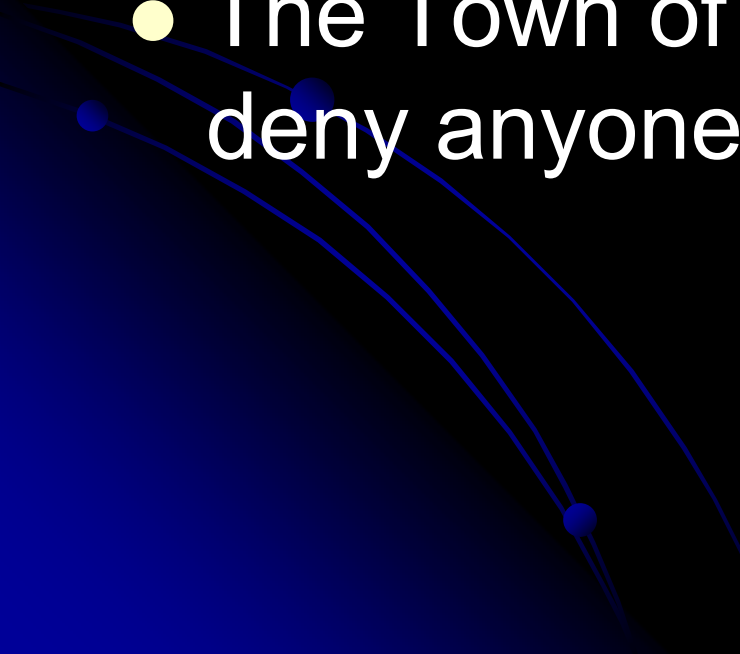
THE WHAT IF

- Possible enforcement actions include, but are not limited to the following:
 1. Retrain and retest,
 2. Suspension of driving privileges,
 3. Removing vehicles/ persons off the airfield,
 4. Revocation of airfield access privileges
- 

THE WHAT IF

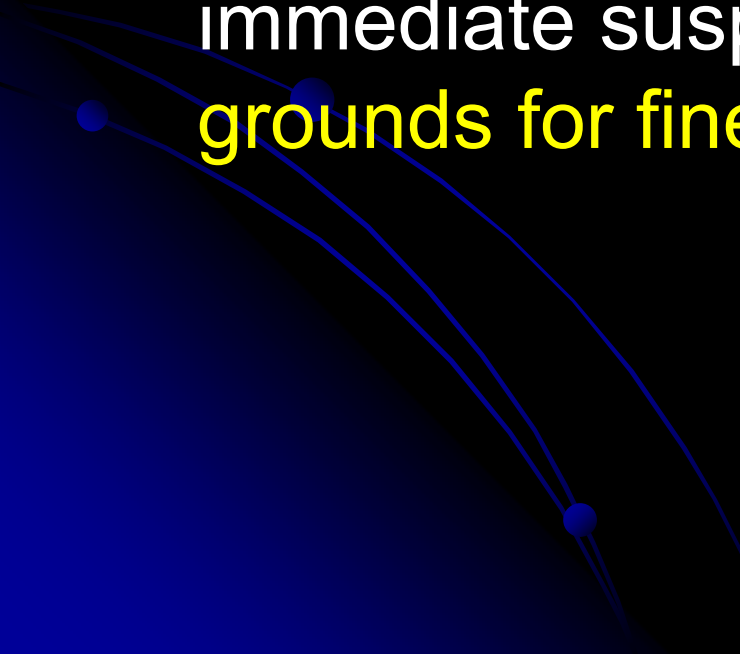
- First Violation
 - Second Violation
 - Third Violation
 - Fourth Violation
 - 90 – day suspension
 - 120 – day suspension
 - 180 – day suspension
 - 1-year or permanent revocation of driving privileges
- Depending on the severity of the offense, penalties may vary.
- 

WHAT IF CONT.

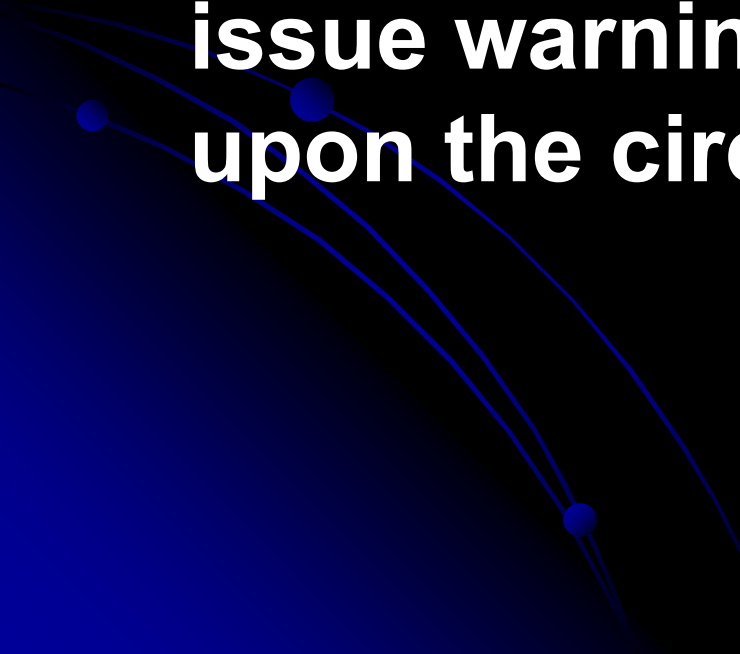
- More than one violation in a 30 day period will result in a mandatory 1 year revocation.
 - The Town of Payson reserves the right to deny anyone their driving privilege.
- 

THE WHAT IF!!!!!!


Severe Violation - Any driving violation of a severe nature (i.e., a violation resulting in property damage and/or injury, runway incursions, reckless driving, etc.) as determined by the Operations Department will warrant an immediate suspension of permit and **may be grounds for fines issued by the Airport.**



Fines for Non-Compliance

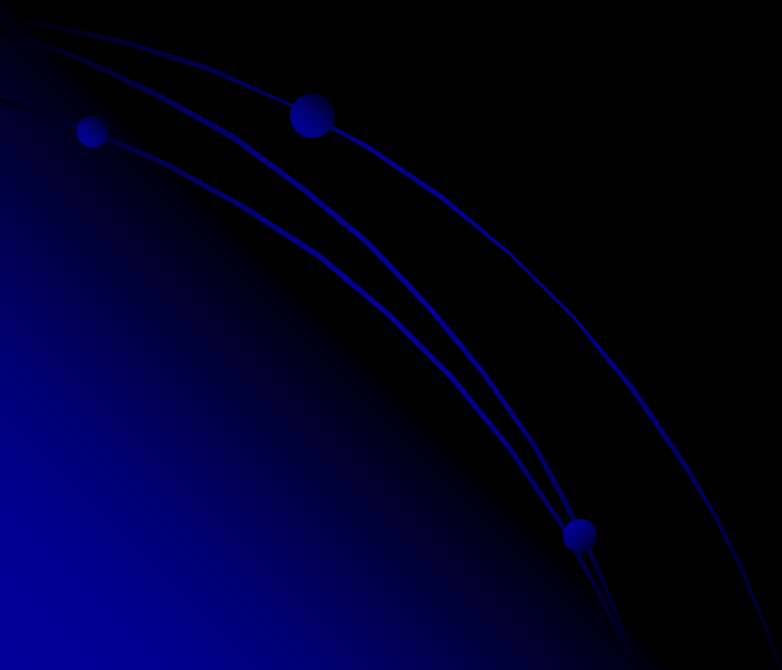
- **Runway Incursion - \$2,500**
 - **Safety Area Incursion - \$1,000**
 - **Operations Department has option to issue warning on first offense, based upon the circumstances of the incident.**
- 

Escort Program

- **Trained persons may escort non-trained persons, subcontractors or delivery drivers as needed.**
 - **Trained persons must remain with escortee at all times and are responsible for their actions**
- 

Gate Operations

- Now that you know the rules, here is a quick review of how to use the gates:



QUESTIONS?

