

# Non-Movement Area Training

Smith Reynolds Airport



FORSYTH COUNTY

SMITH REYNOLDS AIRPORT



# Contents

1. Purpose
2. Definitions
3. Non-Movement Area Boundary
4. Foreign Object Debris
5. Basic Rules for Driving in the Non-Movement Area
6. Safety in the Non-Movement Area
7. Vehicle Parking
8. Phone Numbers



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# 1. Purpose

- To establish standardized ground movement of vehicles on airport property
- To maintain highest level of safety on airport premises
- To reduce the risk of injury to airport patrons



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# 2. Definitions

- Runway: A defined rectangular surface on an airport prepared or suitable for aircraft landing and take off
- Taxiway: A defined path established for the taxiing of aircraft from one part of an airport to another
- Movement Area: All paved surfaces where **Air Traffic Controller (ATC) permission is required** before entering.
  - Example: runways, taxiways.
- Non-Movement Area: Area of an airport where **ATC permission is NOT required** for ground vehicle operation.
  - Example: Apron/ramp, ground vehicle parking, aircraft gates, taxilanes



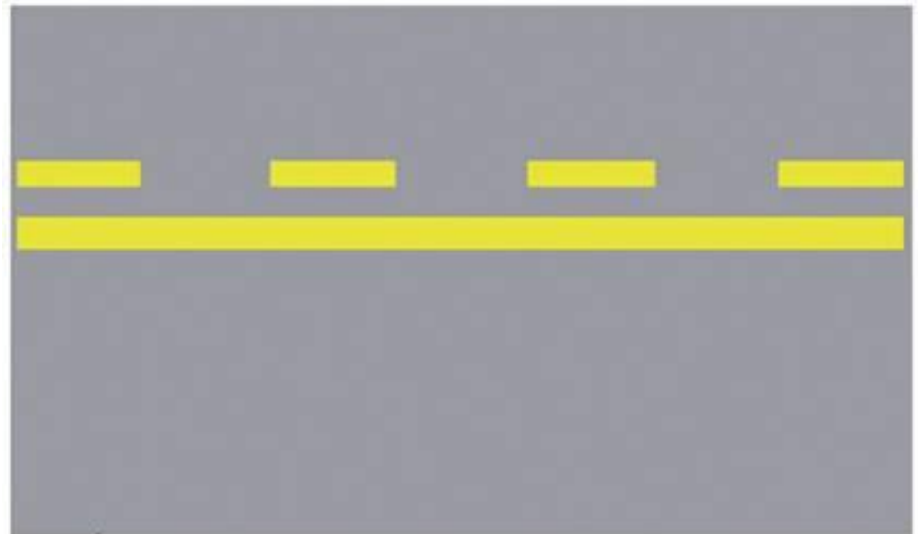
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# 3. Non-Movement Area Boundary

- The boundary between non-movement area and movement area
- **NEVER** cross this line unless you have completed the *Movement Area Training* Module and have permission from ATC



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# 4. Foreign Object Debris

- Foreign Object Debris (FOD) is any object found on taxiways, runways, or the apron that has the potential to cause damage to aircraft
- All FOD must be removed
- Each airport tenant is responsible for picking up FOD in their leased area
- If you see FOD in the Non-Movement Area you are driving on, please pick it up, and dispose of it properly
- If you see FOD that you are unable to collect yourself, contact the Smith Reynolds Airport Operations



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# 5a. Basic Rules for Driving in the Non-Movement Area

- Aircraft have the right of way!
- Yield to emergency vehicles
- Wear your ID Badge
- Follow proper procedure at vehicle gates
  - Make sure gate closes completely before proceeding, to prevent unauthorized personnel from entering the airport premises
- Obey **15 MPH** speed limit



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# 5b. Basic Rules for Driving in the Non-Movement Area

- Be aware of low visibility vehicle restrictions
  - During low visibility conditions, use vehicle hazard lights, or amber flashing lights.
- Follow proper procedure for vehicle escorts
- You must not leave any vehicle you are escorting unattended
- Watch for passengers on the apron
- Never leave your vehicle unattended in active areas
- Comply with North Carolina State driving Laws



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# 6a. Safety in the Non-Movement Area

- Beware of jet blast
  - Jet engines produce a blast of hot air that can burn you, knock you over, or even turn over your car
  - Stay clear of jet engine intakes, many people have been killed or severely injured as a result of being sucked into an operating engine.
- Beware of prop wash
  - Stay clear of spinning propellers
  - A spinning propeller is nearly invisible
- One way to tell if an aircraft's engines are running or about to start is to check for flashing, red anti-collision lights



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# 6b. Safety in the Non-Movement Area

- Approach parked aircraft cautiously
  - Take all necessary precautions to avoid hitting an aircraft
- Never drive under any portion of an aircraft
- When in doubt, yield the right of way to other vehicles
- Beware of driving hazards at night and in bad weather
- If you are in an accident, report it
- Stay away from accident sites
- No smoking on the Apron



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SMITH REYNOLDS AIRPORT



# 7. Vehicle Parking

- Use parking brakes or wheel chucks
- Use designated parking spots
- Maintain a five-foot clear zone



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# 8. Phone Numbers

- Airfield emergency: (336) 727-2222
- Airport Administration: (336) 607-6120
- Airport Operations: (336) 607-6122



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