



# National Safe Skies Alliance

## Program for Applied Research in Airport Security

### Project Statement

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PARAS 0039

#### Security Practices for Airside Vehicle Entry Gates

**Funds:** Up to \$225,000  
**Contract Time:** 12 Months  
**Staff Responsibility:** Jessica Grizzle  
**Fiscal Year:** 2021

*The Project Statement below has been selected by the Safe Skies Oversight Committee and will be the starting point for a panel of experts to develop a Request for Proposals (RFP). The RFP is expected to be available in early 2021.*

Vehicle entry points from landside to airside areas can be complex control points involving multiple physical and electronic security systems. Elements include guard/security booths (location, equipment, and control functions within the booth), entry and departure roadways (screening areas, vehicle reject lanes, etc.), and fencing systems (environmental conditions, opening speeds, and vehicle penetration ratings). The industry is lacking a single, concise document providing guidance on the configuration, systems, and operations of these vital, security sensitive vehicle access points.

The objective of this research is to provide practical guidance detailing design process considerations for physical and electronic security functions and needs based on industry best practices. Evaluation of non-aviation vehicle control points leading into a secured area should also be considered to extrapolate potential alternate configurations and settings.