

14 CFR Part 139 Inspections



Federal Aviation
Administration

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Agenda

- **Overview of the Part 139 Program**
- **How to prepare for your FAA Inspection**
- **Airport Certification Safety Inspectors Role**
- **Phases of the Inspection**
 - Including special emphasis areas
- **Enforcement Options**
- **Q&A**



Overview of Part 139 Program

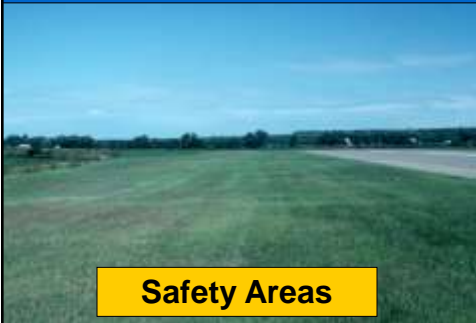


Legal Requirements

- Airports served by passenger aircraft with more than 9 passenger seats are **required** to have an Airport Operation Certificate
 - Airport certification requirements are contained in Title 14 Code of Federal Regulation Part 139
 - Applies to 570 civil airports nationwide
 - Eastern Region covers 65 civil airports across 7 states and the District of Columbia
 - 1 Lead Inspector, 4 Full time Inspectors & 2 Part Time Inspectors



Required movement area safety standards



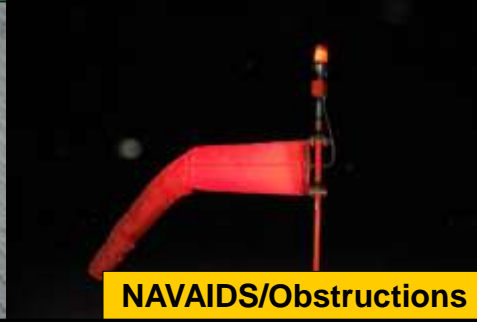
Safety Areas



Marking/Lighting/Signs



Paved Areas



NAVAIDS/Obstructions

Required accident mitigation standards



ARFF



Airport Emergency Plan





Airport Certification Safety Inspectors Role

- **Conduct periodic and surveillance (specific & unannounced) inspections at 139 Airports**
- **Conduct accident/incident investigations**
 - Runway Incursions
 - Movement area excursions
 - Wildlife Strikes
 - NTSB Accident Investigation Team member
- **Coordinate**
 - Safety Hotline & NASA Aviation Reports
 - Airshow Ground Operation Plans
- **Provide support and guidance to 139 and GA Airports**
 - Coordinate with FAA Washington Headquarters and ADOs
 - Issue Regional Certification Bulletins
 - http://www.faa.gov/airports/eastern/airport_safety/cert_bulletins/

How to Prepare for your FAA Inspection



How to prepare

- **Year-round**
- **Periodic ARFF Response Tests**
- **Training Program Annual Review**
- **Internal Audits of Training Records**
 - ARFF, Operations
 - Driver Training, Fueling
 - Wildlife, Airport Management
- **Mock Part 139 Inspection**



Inspection Phases

- In Briefing
- Administrative Inspection
- Movement Area Inspection- Day & Night
- ARFF Inspection
- Fueling Facilities Inspection
- Wildlife/Driver Training Inspection
- Post Inspection Briefing



In Briefing

- Meet with key airport management
- Review schedule
- Discuss updates in Part 139 program
- Discuss any concerns
- Address questions



Administrative Inspection

ACM Review:	Side by side review
Training Records:	Operations, Drivers
Training Program:	Training Curriculumms
Inspection Records:	Daily Self-Inspection Periodic Notams Work Orders Airport owned Navaids



Administrative Inspection cont'd

Airport Plans: Annual Reviews?	Snow and Ice Control Plan/Equip. Ground Vehicle Ops Training Manual Obstruction Survey Airport Emergency Plan Construction Safety Phasing Plan
Other Records:	Master Record 5010 Notams Work Orders Modification to Standards RSA Determinations Air Show Ground Ops Plan (CB #09-04)



Movement Area Inspection

- Day & Night
- All Runways and Taxiways
- Apron areas available for air carrier use 139.305(a)
- Signage in accordance with approved Sign and Marking Plan
- Marking- Glass Beads
- Lighting- Outages
- Construction areas- CSPP review



ARFF Inspection

- Unannounced ARFF Response Test
 - Foam Test, Dry Chem Test
- Training Curriculum
 - Training Room, resources, includes mutual aid?
- Training Records
 - All subjects including HRET; Medical (LOA Review)
 - 100% Records- non-trained documentation
- ARFF Vehicle Inspection
- Agent/Dry Chem Supplies



Fueling Inspection

- Quarterly Inspections – Do they include review of training records?
- NFPA and local fire code training curriculum covered?
- Hands-on fire extinguisher training
- In-house fueling training in place?



Wildlife Inspection

- Wildlife Training & Records
 - Qualified Biologist? Train the trainer?
 - Agenda available for review in accordance with AC 150/5200-36A, Appendix D Training Curriculum Outline
- Wildlife Control Measures- equipment check
- Perimeter & movement area
- Annual Review WHMP- with all responsible parties?
- Triggering Events? Did you conduct a review of your WHMP? See Cert Bulletin 11-04
- Off-airport task force? Seasonal impacts being monitored?



Driver Training Program

Part 139.329 Pedestrian and Ground Vehicle Operations Requirements

- **Vehicle/Pedestrian Deviation (V/PD)** - Any entry or movement on the movement area by a vehicle (including aircraft operated by non-pilots) or pedestrian that has not been authorized by air traffic control.



Vehicle/Pedestrian Deviations (V/PD)



A vehicle or pedestrian crossing holding position marking or entering a runway, without ATCT authorization, is a runway incursion.



Pedestrian/ Ground Vehicle Training Program

- Comprehensive
 - Train all personnel who access the movement area and safety area
 - Recurrent training every 12 months
 - Keep records for 24 months
 - Limit access to movement areas and safety areas
 - Consequences of noncompliance



V/PD Investigations

1. **Letter of Investigation (LOI) to the airport operator.**
 - 10 days to respond
2. **FAA investigates the incident, reviews the airport's ground vehicle program and past incidents within the last few years.**
3. **The FAA determines appropriate action to take against airport certificate holder. Issues:**
 1. Closeout letter
 2. Warning Letter
 3. Letter of Correction
 4. Initiates civil penalty enforcement action



Airport Operator Actions to Reduce the Potential for Pedestrian and Ground Vehicle Deviations



- **Recurrent Training for seasonal personnel.**
- **Review of special procedures for seasonal operations (mowing and snow removal).**



Airport Construction Barricades



- Use barricades to keep aircraft out of closed areas and construction vehicles out of active movement areas. Reference AC 150/5370-2F (4 feet apart for vehicles, interlocking for pedestrians).



Hot Spots

- A hot spot is defined as a location on an airport movement area with a history of potential risk of collision or runway incursion, and where heightened attention by pilots and drivers is necessary.
- Hot Spot Link:
 - http://aeronav.faa.gov/d-tpp/1408/All_Hotspot.pdf



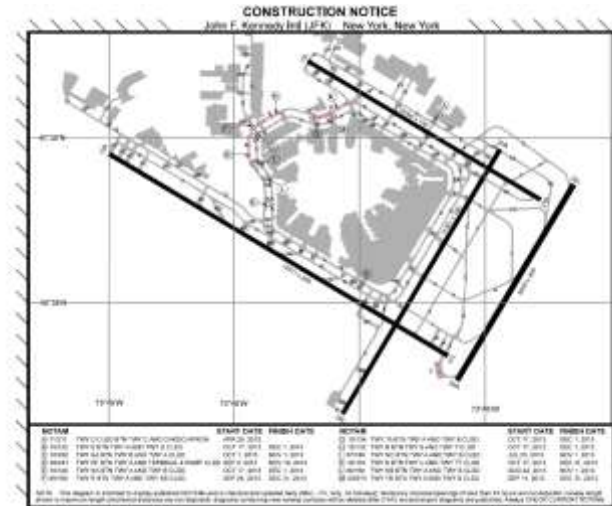
XYZ Hot Spots

- HS 1 The hold line on Twy B4 south of Rwy 10–28 is the hold line for both Rwy 15R–33L and Rwy 10–28.
- HS 2 Rwy 06–24 and Rwy 10–28 complex intersection.



Getting the Word Out

- **Crew Briefing Web Sites**
- **Construction status Web Sites**
 - FAA's Airport Construction Advisory Council
 - ConstructionCouncil@faa.gov
 - Construction Notices
 - <https://nfdc.faa.gov/xwiki/bin/view/NFDC/Construction+Notices>



<https://nfdc.faa.gov/xwiki/bin/download/NFDC/Construction+Notices/jfk.pdf>



Questions?



Post Inspection Briefing

- Meet with key airport management
- Review findings
- Discuss correction dates
- Review IOUs
- Address questions
- Discuss Letter of Investigation (if applicable)



Enforcement Action Options

- **Enforcement Actions**
 - Administrative Action
 - Warning Letters
 - Violation found but corrected
 - Letter of Correction
 - Includes agreed upon correction due dates
 - » Extensions must be granted if not met
 - Civil Penalty Enforcement Action
 - Begins with a Letter of Investigation
 - May result in no finding
 - May result in civil penalty fines including consent orders and or agreements



FAA Updates

- **FAA Business Goals**
 - https://my.faa.gov/content/dam/myfaa/org/linebusiness/arp/plans-goals/business-plans/ARP_Business_Plan14.pdf
- **FAA Cert Alerts**
 - http://www.faa.gov/airports/airport_safety/certalerts/
- **Eastern Region Cert Bulletins**
 - http://www.faa.gov/airports/eastern/airport_safety/cert_bulletins
- **Advisory Circulars**
 - http://www.faa.gov/airports/resources/advisory_circulars/
- **SMS**
 - http://www.faa.gov/airports/airport_safety/safety_management_systems/



Questions?

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