

# Basic Airport Self Inspection

**What might be out there  
that you don't know  
about!?**

Presented to: 620 Airport Safety Workshop

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Federal Aviation  
Administration



# Basic Airport Self Inspection

**A strong airport self-inspection program is essential to ensure your airport's daily compliance with provisions of any Grant Assurance obligations or Part 139.**

**All airports need to conduct self-inspections to assure that**

- Unsafe conditions are identified,
- Users are notified of the condition through the NOTAM system,
- And that corrective actions are taken.



# Basic Airport Self Inspection

- **Self-inspection procedures for your airport need to be defined in your Standard Operating Procedures or other Guidance document.**
- **Airports must conduct self-inspections within the written guidelines of the Guidance document**



# Basic Airport Self Inspection

## Tools!

### Training in the inspection process

#### Airport Equipped vehicle

- Clearly marked
- Yellow beacon
- Aircraft radio
- Inspection forms
- Special marking equipment
- Shovel, push broom, box for miscellaneous junk collected



# Basic Airport Self Inspection



# Basic Airport Self Inspection

- **What to look for:**

**Pavement conditions** (cracks, raveling, sinking)

**Safety areas and shoulders** (water dams, erosion, obstructions)

**Condition of markings** (faded, no beads?)

**Lighting and signs** (out, faded, obscured by growth or weeds)

**Fencing and gates** (in good repair, no holes in or under, secured with no gaps)

**Approaches** (trees, cranes or other obstructions)



# Basic Airport Self Inspection

- **What to look for:**

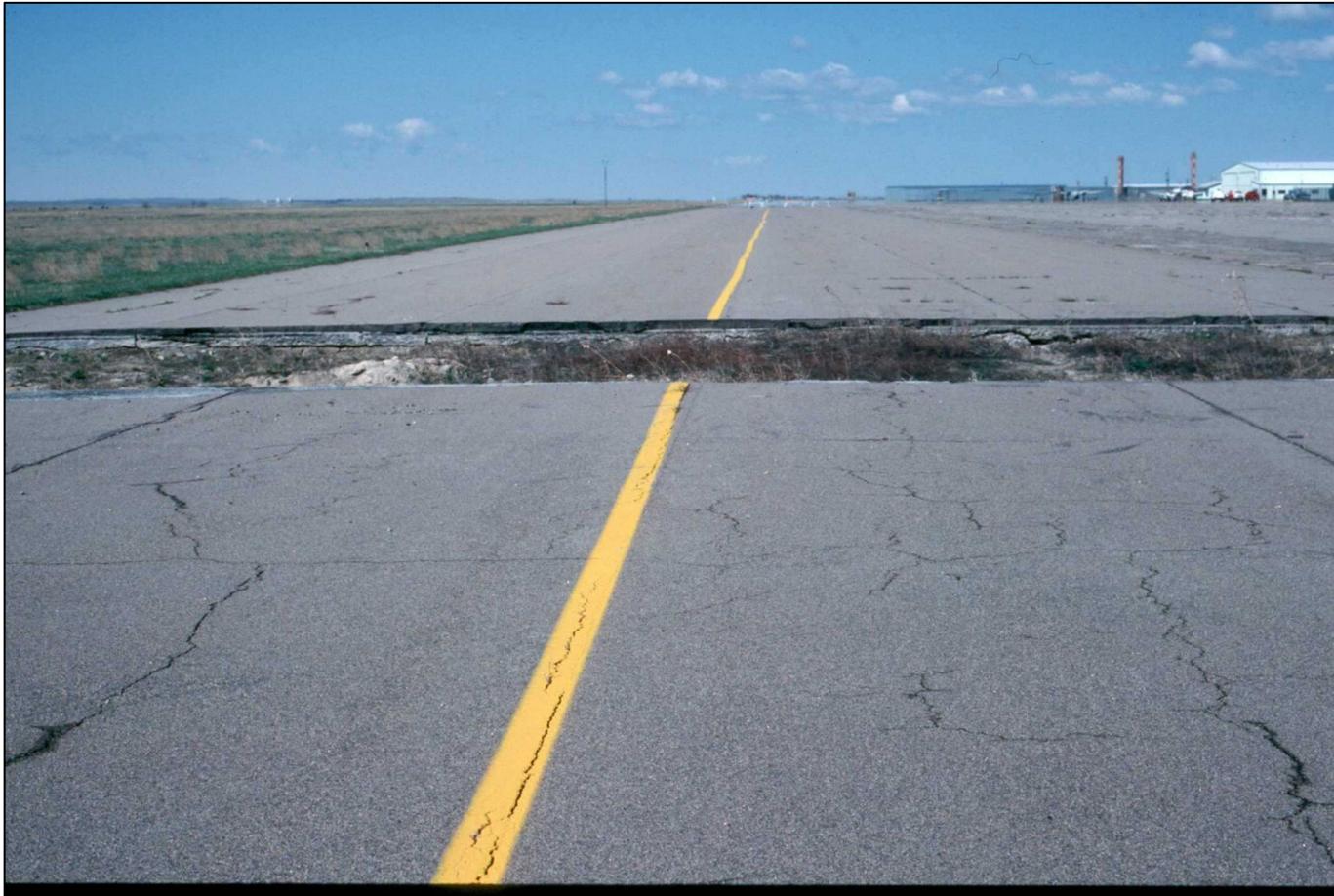
**Fueling operations** (fuel farm conditions, fuel truck conditions, fuel spills, fire extinguishers)

**Wildlife** (birds, gophers, ground squirrels, standing water, food attractants)

**FOD** (rocks, tools, parts, paper, etc.)

**“DIMS” Does It Make Sense?** (does something not look right!?)

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04/23/04

AC 150/5200-18C  
Appendix 1

**APPENDIX 1**

**AIRPORT SAFETY SELF-INSPECTION CHECKLIST**

DATE: \_\_\_\_\_ DAY: \_\_\_\_\_

✓ Satisfactory

X Unsatisfactory

Day Inspector/Time: \_\_\_\_\_ Night Inspector/Time: \_\_\_\_\_

FACILITIES	CONDITIONS	D	N	REMARKS	RESOLVED BY (Date/Initials)
Pavement Areas	Pavement lips over 3"				
	Hole – 5" diam. 3" deep				
	Cracks/spalling/heaves				
	FOD: gravel/debris/sand				
	Rubber deposits				
	Ponding/edge dams				
Safety Areas	Ruts/humps/erosion				
	Drainage/construction				
	Support equipment/aircraft				

# Basic Airport Self Inspection

**A successful self-inspection program will consist of...**

- 1. Regularly scheduled inspections.**
- 2. Continuous surveillance.**
- 3. Special inspections.**
- 4. Periodic condition evaluation.**



# Basic Airport Self Inspection

- 1. Conduct inspections regularly and promptly.**
- 2. Rapidly disseminate information to/from tenants and users.**
- 3. Assure that personnel conducting inspections are qualified.**
- 4. Have in place a Reporting System to ensure prompt corrective action.**



# Basic Airport Self Inspection

- **Inspection Records...**
  1. **Maintain a record of each inspection and retain it for at least the period your risk manager recommends.**
  2. **Records will need to show conditions found and the corrective actions taken.**



# Basic Airport Self Inspection

- **Need to establish a trail of accountability to ensure daily inspection reports are recorded and processed as the procedures direct.**
- **Self-inspection forms should provide an area to identify the date and what corrective action was accomplished.**
- **Keep the self-inspection records for some period in the event of any claim or legal action against the airport.**



# Basic Airport Self Inspection

## Help, Information and Training

### FAA Web Page

<http://www.faa.gov>

Airports & Air Traffic tab

Airport

Advisory Circulars (Series 150 AC's)

AC 150/5200-18, Airport Self-Inspection

150/5210-20, Ground Vehicle Operations on Airports



# Basic Airport Self Inspection

## Help, Information and Training

### CD's & Videos...

1. **Airport Self-Inspections**
2. **Aircraft Surface Movement**
3. **Ground Vehicle Radio Communication**



# Basic Airport Self Inspection

**When all else fails you can contact your  
FAA Airports Project Manager.**

**Or**

**Airports Division, Safety Section of your  
FAA Region**



# Basic Airport Self Inspection

**With a strong self-inspection  
program, you can make an important  
contribution to **safety** at your airport  
And  
Defend your airport from claims and  
litigations**



# Basic Airport Self Inspection

**And remember!!**

**a strong self-inspection  
program  
will look good on the accident report!**



# Basic Airport Self Inspection

## Questions?



# Basic Airport Self Inspection

