

Self-inspection



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Why Self-inspection and What should it do?

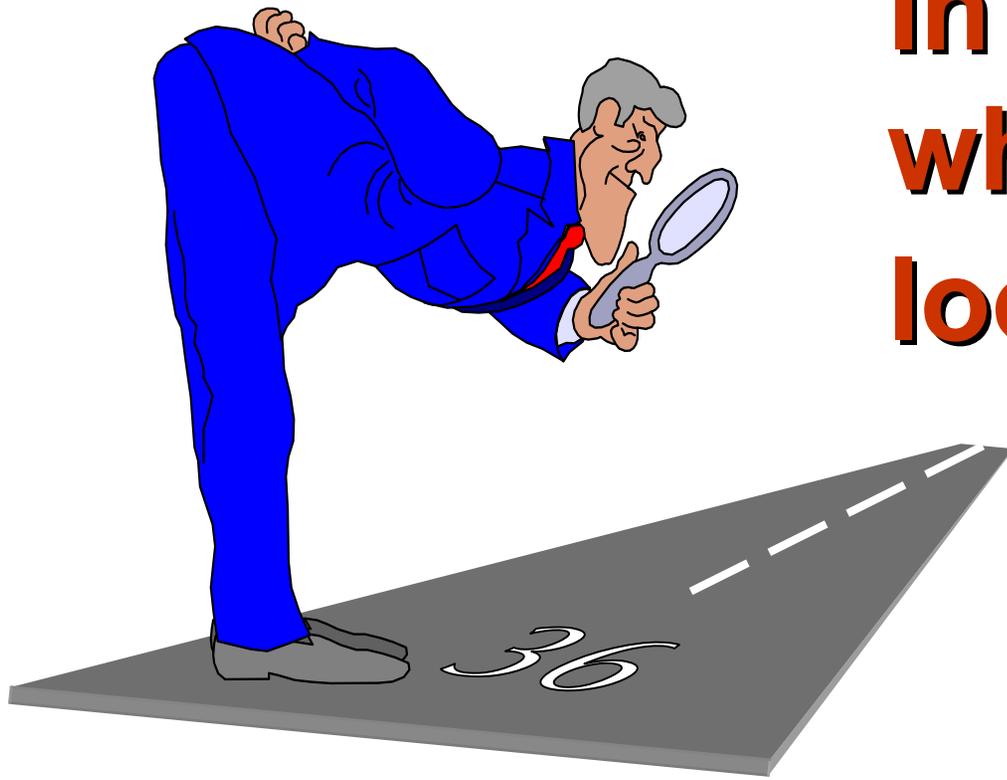
Reasonably assure that

- *Unsafe conditions are identified,*
- *Users are notified of the condition through the NOTAMs system,*
- *And that corrective action is taken.*

FAR 139 Airport are required to be inspected:

- **Daily, except as otherwise required by the airport certification manual or airport certification specifications;**
- **When required by any unusual condition such as construction activities or meteorological conditions that may affect safe air carrier operations; and**
- **Immediately after an accident or incident.**

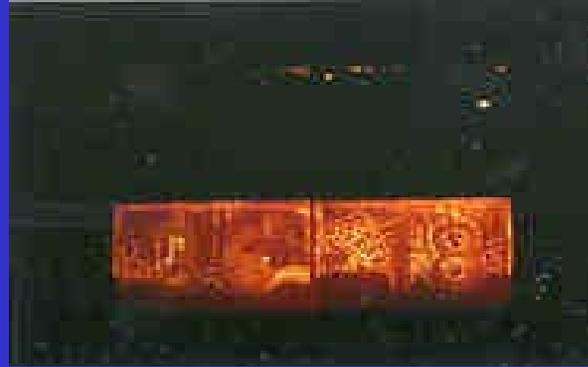
This is recommended at GA Airports



**In a nutshell,
what are we
looking for?**

Airport lighting & NAVAIDs

- *Daily, assure all lights & Signage are aligned & operational.*
- *Daily, verify pilot-controlled systems are operational.*
- *On a scheduled basis, check calibration & aiming of visual aids.*
 - *NOTAM systems outages.*



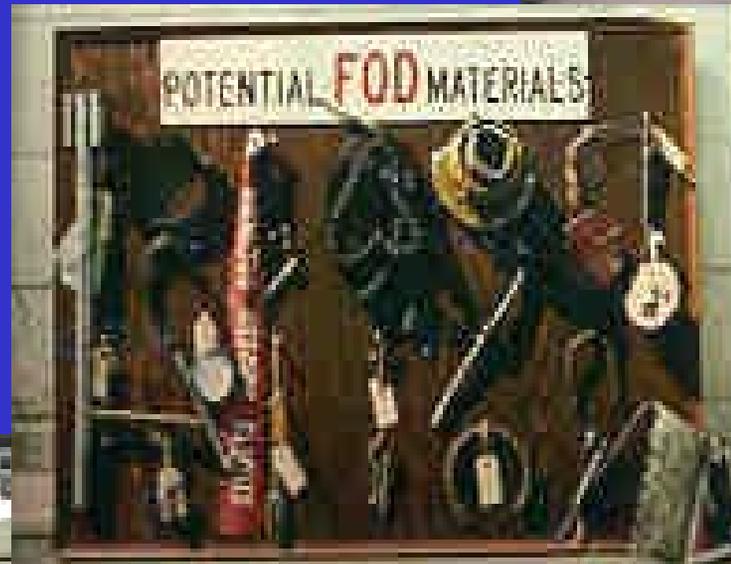
Obstructions

- *Towers/buildings/power lines/cranes in runway approaches.*
- *Power lines over an aircraft operations area.*
- *Maintenance/construction equipment in runway approaches.*



Pavement

- Holes/cracks
- Surface deterioration
- Debris/FOD
- Ponded Water



Look at daily-

Pavement

- *Rubber buildup*
- *Marking (condition/visibility)*
- *Lips*



Safety Areas

- *Rutting & rough, uneven terrain.*
- *Mounds of dirt, old foundations, Ag Operation & other debris.*
- *Bushes & tall grass.*





Dear Mom
Aviation

HOT SPOT CONSIDERATIONS

Airport Geometry

Blind Spots

Frequency Dead Spots

Nights Vision Problems

Signage, Marking & Lighting

Construction Areas: Marked & Barricaded?



Public Protection & Incursion Potential





The Airport should-

- ***Ensure that qualified inspection personnel perform the inspections. This means a knowledge of your airport's:***
 - ***Facilities and their location.***
 - ***Rules and regulations***
 - ***Applicable standards and requirements***
 - ***Ground vehicle radio procedures***
 - ***Construction safety plans for work in progress***

The Airport should-

- **Have a reporting system to ensure prompt correction of unsafe airport conditions noted during the inspection.**
- **Prepare and keep for at least 12 months, a record of each inspection showing the conditions found and all corrective actions taken.**

<http://www.faa.gov/arp>

AC 150/5200-18B

AIRPORT SAFETY SELF-INSPECTION