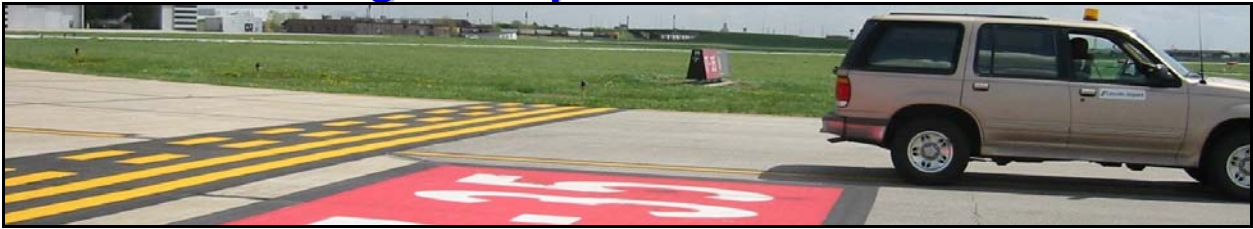


# Central Region Airport Certification Bulletin



**Bulletin:** 2011-03  
**Subject:** Special Inspections of Paved Areas During Excessive Heat Periods  
**Issue Date:** July 25, 2011

## **Issuing Office:**

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## **Application**

This bulletin is intended for use by Part 139 Airport Managers and State Aviation Directors within the States of Iowa, Kansas, Missouri and Nebraska

## **Background**

Recently, a blow-up occurred on a runway at a General Aviation (GA) airport during the heat wave currently over much of the nation.



**Runway Pavement Blow-up**



**Pavement Buckling**

The landing gear on a Raytheon Premier One jet was damaged during takeoff after hitting the blowup.



**Damaged Aircraft**



**Damaged Aircraft Gear**

Fortunately, the aircraft landed safely at another airport following the incident.

**Action Required**

Part 139.327(a)(2) requires certificate holders to inspect the airport, ***“When required by any unusual condition, such as construction activities or meteorological conditions, that may affect air carrier operations;”***. During these excessive heat periods, airport operators should be conducting extra inspections of paved areas to check for pavement blow-ups that could damage aircraft or cause pilots to lose control.

Part 139.327(c)(1) requires each certificate holder to, ***“Prepare and maintain for at least 12 consecutive calendar months, a record of each inspection prescribed by this section, showing the conditions found and all corrective actions taken.”*** Any special inspections of paved areas need to be documented with a checklist. Typically, this is accomplished by using the regular self-inspection checklist and a note is made at the top of the checklist to document the special inspection of paved areas.

However, a special inspection checklist may be in use at some airports. Using colored paper to document special inspections is highly recommended when maintaining records of special inspections with the regularly scheduled inspection checklists.

**\*\*SPECIAL INSPECTION FORM\*\* AIRPORT SAFETY SELF-INSPECTION**

DATE: *6/22/11* Satisfactory  Unsatisfactory

Inspector/Time: *K. Mullen* Inspection reason (tick): ALERT CONSTRUCTION WEATHER HIGH

A special inspection should be conducted after all alerts, construction activity, significant weather (wind) or moving operations. A special emphasis should be placed on FOD on paved visibility/structural stability of lights and NAVAIDS.

Reason for inspection (describe event):  
*Storm*

FACILITIES	CONDITIONS	D	REMARKS	RESOLVED BY (Initial & date)
PAVEMENT AREAS	FOD – HIGH PRIORITY CHECK ALL PAVED AREAS THOROUGHLY Ponding/water/damage	<input checked="" type="checkbox"/>		
SAFETY	Ruts/humps/cracks Cracks	<input checked="" type="checkbox"/>		

**Questions**

If you have questions, contact either, Mike Mullen, Lead Airport Certification Inspector, 816-329-2618 or Pat Haynes, Airport Certification Safety Inspector, 816-329-2621.

Visit our [FAA Central Region Personnel Roster and Contact Information](#) webpage to send an email to a certification inspector.