

CertAlert

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This CertAlert pertains to:
All 14 CFR part 139 Airport Operators

Request for Action: Runway End Precision Free Obstacle Zone (POFZ) Evaluations

Recently the FAA issued guidance to airport operators that changed the Precision Obstacle Free Area (POFA) to the Precision Free Obstacle Zone (POFZ) and modified the requirements of protection associated with the POFZ. Correspondingly, AC150/5300-13 (Airport Design), AC150/5340-1 (Marking standards), and AC150/5340-18 (Sign standards) were changed to reflect and accommodate the new POFZ criteria. The recent changes to the sign and marking AC's indicated to airport operators that, after an FAA evaluation, airport operators would be required to add signs and markings to protect the POFZ in certain select locations no later than January 01, 2007.

The criteria for the POFZ area include the following:

- Procedures require that the POFZ be clear when:
 - o An aircraft is on a vertically guided approach to a runway and is within 2 NM of the runway threshold.
 - o When the reported ceiling is below 250ft and/or visibility is less than $\frac{3}{4}$ statute mile (or RVR below 4000 ft).
- A clear POFZ means:
 - o That no vehicle or vertical portion of any aircraft may be in the POFZ.
 - o The wing of an aircraft holding on a taxiway may penetrate the POFZ, however neither the fuselage nor the tail may infringe on the POFZ.
- Airports must:
 - o Identify runways where the new POFZ criteria apply (A diagram of the POFZ area is attached).
 - o Install markings (IAW AC150/5340-1J, section 3, paragraph 24) to protect the identified POFZ areas.
 - o Install mandatory hold position signs (IAW AC150/5340-18D, chapter 1, paragraph 5) to protect the identified POFZ areas.
 - o Ensure that ATCT personnel are aware of any and all airport actions associated with protection of the POFZ.

We have completed an initial evaluation of runway ends at Southern Region certificated airports with ATCT's, with vertically guided approaches, where there may be POFZ issues. Those airports where we identified possible POFZ impact are shown on an attached airport listing. Please be advised, that this list is an initial cut of potential impact and IS NOT a complete listing of Southern Region airports where POFZ impact exists. We need your assistance in identifying POFZ locations and developing an action plan to respond to the new POFZ requirements.

With this in mind we ask that all Southern Region Certificated airports:

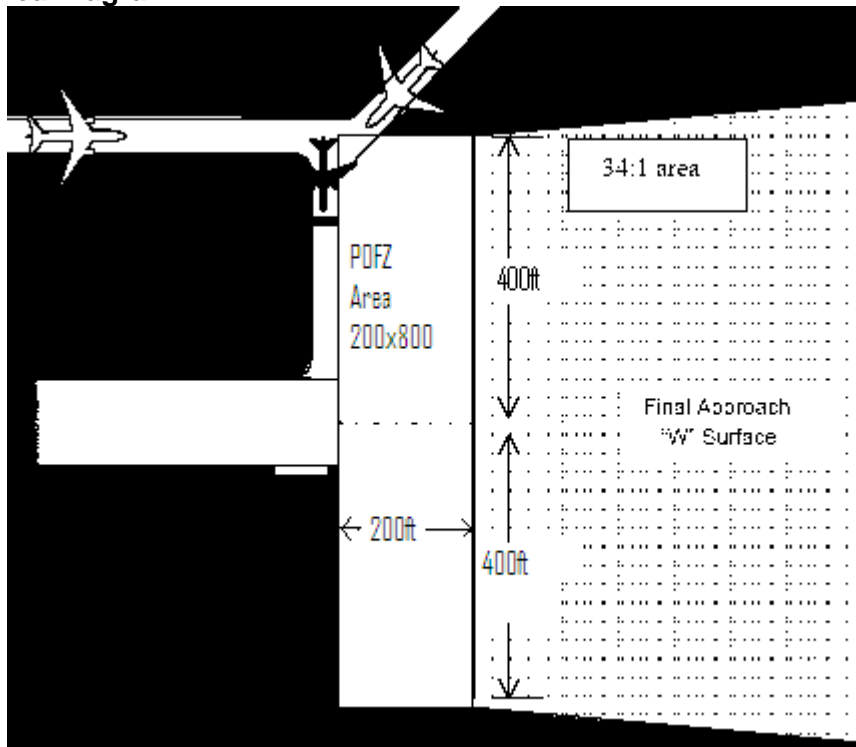
1. Evaluate all runway ends that meet the criteria for POFZ protection listed above, NLT **February 15, 2006** and report the findings to your Airport Certification Safety Inspector (ACSI) NLT **March 01, 2006**. Use the attached list as a starting point.
2. Develop a plan for the installation of additional signs and markings where the POFZ is impacted and report the plan to your ACSI NLT **April 01, 2006**. This should include a revised signage and marking plan and an estimated date for completion.

If you have questions, or need assistance, feel free to contact your ACSI.

Attachments:

- POFZ Area Diagram
- Potential Runway/POFZ Issues

POFZ Area Diagram:



Potential Runway/POFZ Issues, FAA Southern Region, 01/05/06

Airport Location	Airport ID	Runway End	Response Received	POFZ Issue: Yes or no./Correction plan
Asheville	AVL	34		
Atlanta	ATL	27L		
Atlanta	ATL	8R		
Atlanta	ATL	26R		
Birmingham	BHM	6		
Birmingham	BHM	24		
Charleston	CHS	15		
Charleston	CHS	33		
Charlotte	CLT	5		
Chattanooga	CHA	2		
Columbia	CAE	11		
Columbia	CAE	29		
Cincinnati	CVG	36L		
Cincinnati	CVG	27		
Daytona	DAB	7L		
Dothan	DHN	32		
Ft Lauderdale	FLL	27R		
Greensboro	GSO	5		
Greenville	PGV	20		
Greenville/Sp.	GSP	22		
Huntsville	HSV	36R		
Jackson	JAN	16L		
Jacksonville	JAX	7		
Jacksonville	JAX	13		
Kinston	ISO	5		
Knoxville	TYS	5L		
Knoxville	TYS	23R		
Lakeland	LAL	5		
Louisville	SDF	17L		
Louisville	SDF	35R		
Louisville	SDF	35L		
Memphis	MEM	27		
Memphis	MEM	18R		
Memphis	MEM	38L		
Memphis	MEM	18L		
Memphis	MEM	18C		
Meridian	MEI	01		
Miami	MIA	26L		
Miami	MIA	27		
Miami	MIA	30		
Miami	MIA	12		
Miami	MIA	9		
Miami	MIA	8R		
Mobile	MOB	32		
Mobile	MOB	14		
Montgomery	MGM	10		
Montgomery	MGM	28		
Myrtle Beach	MYR	18		
Myrtle Beach	MYR	36		
Nashville	BNA	2L		
Nashville	BNA	31		
Orlando	MCO	18R		
Orlando	MCO	17R		
Orlando/Sanford	SFB	9L		
Orlando/Sanford	SFB	27R		
Raleigh	RDU	5R		
Raleigh	RDU	23L		
Raleigh	RDU	5L		
St Augustine	SGJ	31		
San Juan	SJU	10		
San Juan	SJU	8		
Sarasota	SRQ	32		
Savannah	SAV	36		
Tallahassee	TLH	36		
Tampa	TPA	18L		
W Palm	PBI	9L		
W Palm	PBI	27R		