

Modifications to Standards



Federal Aviation
Administration



Presentation to: North and South Dakota Aviation Users

Name: Brian P. Schuck

Date: October 27-28, 2009

Modifications to Standards

- **There are two types of Modifications to Standards:**
 - Design
 - Construction



Modifications to Design Standards

- **Federally obligated airports are required to meet airport design standards. Some of the design standards include the Runway Safety Area, approaches, taxiway separations, and Object Free Areas.**



Modifications to Design Standards

- **When it is not possible or reasonable to meet a design standard, but an acceptable level of safety can be obtained, then a modification to airport design standards can be requested.**



Modifications to Design Standards

- **Example:**

Highway

Fence

OFA

RSA

OFA

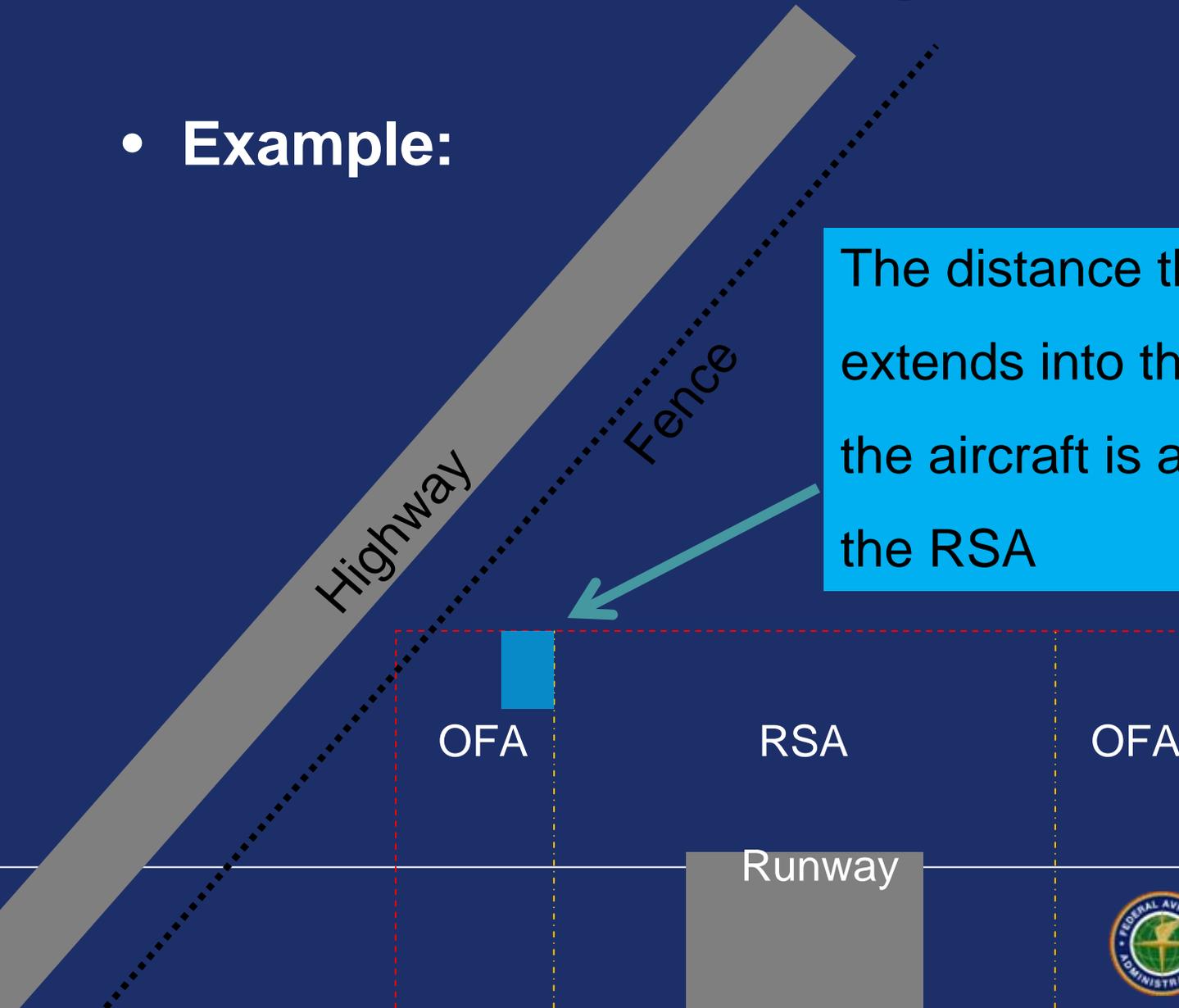
Runway



Modifications to Design Standards

- **Example:**

The distance the largest wing extends into the OFA when the aircraft is at the edge of the RSA



Modification to Construction Standards

- **Construction standards are established to achieve standardization.**
- **Modifications are only allowable in unique circumstances where a clear need dictates them and an acceptable level of safety can be achieved.**



Modification to Construction Standards

- **To request a modification to construction standards, the sponsor must:**
 - List the standards requiring modification and discuss why the standard can not be met.
 - Describe the proposed modification.
 - Discuss viable alternatives for accommodating the unique conditions.
 - Provide documentation that the material will provide an acceptable level of safety and provide an economical and feasible alternative



Modification to Construction Standards – Rejuvenators



- **P-632 in Advisory Circular 150/5370-10D is a standard specification for rejuvenators.**
- **A modification to standards is not required when using a standard specification.**



Modification to Standards

- **Policy and Procedures Memorandum 5320.1G “General Processing of Modifications to Agency Airport Design and Construction Standards.**
- **Requests for modifications to standards must be submitted with items identified in the Appendix 2 checklist.**



Modification to Standards

- **Requests for Modifications to Construction Standards will not be approved after construction has occurred.**



Modification to Standards

Questions?

