



# Federal Aviation Administration

## National Part 139 CertAlert

**\*\*Advisory\*\*Cautionary\*\*Non-Directive\*\*Advisory\*\*Cautionary\*\*Non-Directive\*\*Advisory\*\*Cautionary\*\*Non-Directive\*\***

**Date:** 10/06/2022 **No. 22-04**

**To:** All Title 14 CFR Part 139 Airport Operators

**Subject:** Awareness video and requirements associated with protection of NAVAIDs

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**1. Purpose.** This CertAlert highlights a recently published video on Navigational Aid (NAVAID) protection and reiterates known activities that have the potential to create NAVAID interference.

**2. Background.** The FAA regulatory requirement, Code of Federal Regulations (CFR) Part 139.333, *Protection of NAVAIDs*, requires airport operators to prevent the interruption of visual and electronic signals of NAVAIDs at the airport. Additionally, JO 6750.188, Interim Changes to Order JO 6750.49B, *Maintenance of Instrument Landing System (ILS) Facilities*, provides guidance for addressing requirements on snow accumulations around the ILS localizer (LOC) and glide slope (GS) antenna. Airport operators should also be aware of other activities or objects at their airports that can cause LOC or GS signal interference. This includes construction activity, mowing operations, and vehicles operating or remaining stationary within the systems critical areas. If the airport operator has site-specific questions about critical areas on airports, the airport operator should reach out to their local NAVAID maintainer for more detailed information about equipment operation and protection for NAVAIDs.

**3. Action.** Airport operators are encouraged to review the video linked below, and consider adding it to their awareness and training plans to ensure all airport stakeholders are educated on the requirement for protecting, accessing, and operating within the NAVAID critical areas.

<https://youtu.be/6XGXbuxEHLw>

A handwritten signature in black ink, appearing to read "Birkely M. Rhodes", is positioned above a horizontal line.

Birkely M. Rhodes, Manager  
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