



Federal Aviation Administration

National Part 139 Cert Alert

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

Date: 6/23/2023 **No. 23-05**

To: Airport Operators, FAA Airport Certification Safety Inspectors, ARFF Departments

Subject: Release of Advisory Circular (AC) 150/5210-23A, ARFF Vehicle and High Reach Extendable Turret (HRET) Operation, Training and Qualifications, and Addendum

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1. Purpose. The purpose of this CertAlert is to make airport operators aware of a new addendum for ARFF Vehicle and High Reach Extendable Turret (HRET) Operation, Training and Qualifications located at the end of the revised AC. With this release, we are also making available a related quick reference guide.

2. Background.

- a. The FAA provides guidance and recommendations to airport operators for the training of airport firefighting and rescue personnel in the proper operation and tactical use of ARFF vehicles.
- b. The FAA is incorporating a new addendum to AC 150/5210-23A, *ARFF Vehicle and High Reach Extendable Turret (HRET) Operation, Training and Qualifications*. The addendum addresses hand signals, which are designed for ground personnel to provide instruction to the HRET operator in the ARFF cab, if required during piercing operations. These signals are not intended for the initial positioning of the boom (i.e., raising the boom out of the cradle or other actions required by the HRET manufacturer in its instructions for piercing). These signals were adapted from OSHA 1926 Subpart CC – Appendix A (Crane Hand Signals).
- c. A quick reference guide is available from the ARFF-related ACs table on the [FAA Aircraft Rescue and Fire Fighting webpage](#). See the entry for AC 150/5210-23.

3. Actions.

- a. Pursuant to 14 CFR sections 139.319(i), for certificated Part 139 airports that use HRET equipment, the methods and procedures in this AC addendum comprise the

FAA's acceptable standard for such use and training. If so equipped, ARFF vehicle operation training must include the HRET system along with other specific equipment applicable to the vehicle to include but not limited to Driver's Enhanced Vision System (DEVS) and Forward Looking Infrared System (FLIRS).

- b. Incorporate the hand and arm signals into the airport's ARFF training curriculum and ensure a copy of the hand and arms quick reference guide is located in any ARFF vehicles that have a HRET installed.



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6/23/2023
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