

ARFF MOBILE TRAINER

“Taking Part 139 ARFF Training to airports and fire departments of all sizes”

Advisory Circular AC 150/5210-17C “Programs for Training of ARFF Personnel” should be the foundation for any ARFF Training Curriculum. To meet and exceed **14 Part 139.319 (i)(2)(vii) (Emergency Aircraft Evacuation Assistance)** training requirements, Mt. Vernon Outland Airport (KMVN), Mt. Vernon, Illinois, created a Mobile ARFF Trainer to assist first responders. This portable classroom gives first responders a hands-on experience dealing with many different aircraft incident/accident scenarios. The Mobile ARFF Trainer can also be used for training of **14 Part 139.319 (i)(2)(ii) (Aircraft Familiarization)**, **139.319(i)(2)(vi) (Extinguishing Agents)**, and portions of the Advisory Circular’s other subjects. Although the training specifications were created for 14 Part 139 airports, first responders serving airports of all sizes (non-FAR Part 139) could certainly benefit from understanding the twelve subject areas and tailoring a training curriculum to suit their department’s needs.



The Mobile ARFF Trainer is an actual Piper PA-31T, PAY1 “Cheyenne I”. The PAY1 is a seven-seat cabin class twin engine turboprop. The Mobile ARFF Trainer’s empennage has been removed so it can be trailered to off airport locations.

First responders can get a “real feel” for



emergency evacuation via an operable door, emergency exit, and all interior seats being intact. The trainer’s cockpit lacks most instrumentation but the control yokes, throttle quadrant levers, and upper switch panels remain so first responders can practice cockpit shutdown procedures. Foldable wings allow for protective stream evacuation practice and landing gear issues such as hot brakes and/or fires.

Small samples of aviation fuel are safely carried on-board so that first responders can leave training with knowledge of the dangers associated with 100LL and JetA Turbine Engine Fuels.

For first responders to see actual aircraft construction, elements of the aircraft’s interior have been removed on the right-side wall of the Mobile ARFF Trainer. A suggested curriculum, training videos, and a comprehensive Crash Chart Database are available with the ARFF Mobile Trainer.

The Mobile ARFF Trainer stands ready to assist your first responders. Visit www.mtvernonairport.com or contact Chris Collins, Airport Director, Mt. Vernon Outland Airport, at (618) 315-5462 or Director@mtvernonairport.com for more information.

