



ARFF Professional Designation Program



ARFF Chief's & Leadership Conference

February, 2013



"To promote the science and improve the methods of aviation fire & protection"



KEEP FIRE IN YOUR LIFE

"The best leadership over fire occurs when we have people who know their jobs, are able to make quality decisions in the blink of an eye, and has an administration that believes in them and is able to carry their plan out with resolve." Lt. Ray McCormack FDNY



"To promote the science and improve the methods of aviation fire & protection"



Introduction

- Aircraft Rescue Firefighting (ARFF) is a complex industry.



"To promote the science and improve the methods of aviation fire & protection"



Introduction



- There is no requirement for ARFF Certification under NFPA 1003
 - Several states are not even Pro Board or IFSAC accredited which further dilutes the process.
- If ARFF 1003 certification is attained, no additional professional development currently possible.



Introduction

We all understand there is a need to establish further professional development & advanced training levels for our discipline to enhance our industry.

This program is an enhancement by the ARFF Training Alliance to add professional development to our industry.





History

- Original program was formed in the mid-1990's
- Program was managed by the AAAE and ARFF SME's
- Program consisted of a certified firefighter (CF) and certified master firefighter (CMF) steps.
 - CF consisted of an exam
 - CMF consisted of a research paper that was presented at a conference.



"To promote the science and improve the methods of aviation fire & protection"



History

- Interest was low...and didn't offset costs
 - About 100 people completed the initial step of the program despite the poor marketing
 - How many in this room completed the program?
- Criticisms of the old program
 - Redundant of certifications provided by IFSAC & Pro Board– no benefit to do both
 - Reference materials were not ARFF related
- Program was suspended in the mid-2000's



"To promote the science and improve the methods of aviation fire & protection"



New Program

- Formation of the new program
 - Began in February of 2012
 - Initial talks began at ARFF Chief's & Leadership Conference between members of the ARFF WG and AAAE.
 - November 2012 workshop in Alexandria, VA with AAAE members and ARFF WG Leadership





New Program

- Development Team
 - Chairman David Whittaker (ARFF WG)
 - Director Jason Graber (ARFF WG)
 - Director Duane Kann (ARFF WG)
 - Director William Hutfilz (ARFF WG)
 - Past Chairman Kevin Elmore (ARFF WG)
 - Starla Bryant (AAAE)
 - Kevin Miller (AAAE)



"To promote the science and improve the methods of aviation fire & protection"



New Program

- Program development started with a survey to ARFF members by Director Graber on pro's and con's of the previous program
- During the development process, the constant question of “why” was asked with respect to developing the program.
- Memorandum of Understanding between the ARFF WG and the AAAE



Program Designations

- Program roll out
 - Terminology change from certification to designation
 - Levels are changing to Airport Master Fire (AMF) and Airport Fire Officer (AFO)
 - Theory was to make the program more in line with current designation programs





Program Designations

- New Program Designations:
 - Airport Master Firefighter (AMF)
 - Airport Fire Officer (AFO)





Program Designations



- Airport Master Firefighter (AMF)

- Prerequisites:

- Three years documented experience as an airport firefighter
- Completion of a 40 hour ARFF training program
- Completion of NIMS 100/200/700





Program Designations

- Airport Master Firefighter (AMF) Examination Process

- Completion of a 150 question (completed in three hours) examination based on the following materials

- IFSTA 5th Edition ARFF
- FAR 139.315-321, 325
- FAA Airport Advisory Circular 150/5200-12 Evidence Preservation
- FAA Airport Advisory Circular 150/5210-7 ARFF Communications
- FAA Airport Advisory Circular 150/5210-17 ARFF Training
- FAA Airport Advisory Circular 150/5210-23 ARFF Vehicle and High Reach Extendable Turret (HRET) Operation, Training and Qualifications
- NFPA 402 Guide for ARFF Operations
- NFPA 403 Standard for ARFF Services at Airports
- AAEE Document compiling the CM modules into a single resource document



"To promote the science and improve the methods of aviation fire & protection"



Program Designations

- **Airport Fire Officer (AFO)**

- Prerequisites:

- Minimum six years experience as an airport firefighter (not officer)
- Successful completion of the Airport Master Firefighter Program
- Completion of a 40 hour Incident Command/Management Course



- Emergency Management Institute IS 139—Exercise Design Course*
- EMI IS 130—Exercise Evaluation and Improvement Planning Course*
- EMI IS 120—An Introduction to Exercises Course*

*HSEEP L-146 Course will count for the three courses



"To promote the science and improve the methods of aviation fire & protection"



Program Designations

- Airport Fire Officer (AFO) Examination Process
 - 5,000 to 6,000 word ARFF related Advanced Research Project
 - *Candidate submits topic with min of 3 questions answered
 - *Final topic will be approved by the ARP review committee
 - *Graded by ARFF Training Alliance and Embry-Riddle AU
 - Final ARP to be presented at an ARFF Working Group or AAEE Conference in front of a panel of three reviewers
 - Candidate will submit a min 1,000 word article for AAEE and ARFF Working Group publications
 - *3 years to complete program once the ARP is approved





Program Designations

The program is intended to augment IFSAC/Pro Board basic ARFF Programs

Provides an avenue to enhance ARFF/Airport expertise. Strengthening the ARFF industry and creating an opportunity for your personal career development

Are you a Leader?





Application Process

- Candidate will complete an online application
- Fee's paid through the Working Group website
- Do not have to be a member AAAE / ARFF Working Group participate in the program
- The prerequisites will be vetted by the ARFF Working Group Training Educational Affairs Officer



"To promote the science and improve the methods of aviation fire & protection"



Materials & Money



- AMF is \$250
 - Reading materials
 - IFSTA ARFF 5th Edition
 - NFPA 402 & 403
 - AAAE AMF Program Supplement
 - Includes ARFF Part 139, Advisory Circulars
- AFO is \$250
- Total program cost is \$500

**Includes conference registration fee at time of presentation*



Application Process

- Candidate will complete an online application
- Do not have to be a member of AAAE (or ARFF WG for that matter) to participate in this project.
- Once the application is approved, the candidates application prerequisites would be vetted by the ARFF WG Training and Education Affairs Officer



Program Collaboration

- Embry-Riddle Aeronautical University
 - Program collaboration with Embry-Riddle Aeronautical University has allowed for an academic review of the research papers
 - College credits may be available for the school's Bachelors Degree in Aviation Emergency Management





Thanks!



- With out the hard work of the group we wouldn't be here today presenting it.
- We feel that we have a tremendous program that will succeed this time and provide an additional avenue for career development.



Questions?



KEEP FIRE IN YOUR LIFE

"Far and away the best prize that life has to offer is the chance to work hard at work worth doing." Theodore Roosevelt



"To promote the science and improve the methods of aviation fire & protection"