



# ARFF Professional Designation Program



ARFF Working Group Annual Conference

October 2013



*"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.



# History

- Original program was formed in the mid-1990's
- Program was managed by the AAAE & 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.





# 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



- Airport Master Firefighter (AMF)
  - Prerequisites:
    - Three years documented experience as an airport firefighter
      - Structural Firefighting Equivalency (4 for 1)
    - 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 5<sup>th</sup> 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
- AAAE Document compiling the CM modules into a single resource document



# Program Designations



- **Airport Fire Officer (AFO)**

- Prerequisites:

- 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



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# Program Designations

- Airport Fire Officer (AFO) Examination Process
  - 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 AAAE Conference in front of a panel of three reviewers
  - Candidate will submit a min 1,000 word article for AAAE 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



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# Materials & Money

- AMF is \$250
  - Reading materials
    - IFSTA 5<sup>th</sup> edition (purchased separately)
    - NFPA 402 & 403 (purchased separately)
    - AAAE AMF Program Supplement
      - Includes ARFF Part 139 and Advisory Circulars
- AFO is \$250
- Total program cost is \$500

*\*Includes conference registration fee for presentation*



# Application Process



- Candidate submits prerequisites package
- Candidate will complete an online application
- Do not have to be a member of AAAE or ARFF WG
- Once the application is approved, the candidates application prerequisites would be vetted by the ARFF WG Training & Education Affairs Officer





# Grandfather Clause

- To give recognition to those that previously earned the Certified Firefighter (C.F.) and Certified Master Firefighter (C.M.F.) certifications
- ARFF Educational Affairs Committee will review and approve/disapprove all requests
  - May transfer these certifications to the new A.M.F. and A.F.O. designations
    - C.F. = A.M.F.
    - C.M.F. = A.F.O.





# Grandfather Clause

To be granted new designations under the grandfather clause:

Formal notification to the candidate will be made through email and candidates will receive the following:

- C.F. to A.M.F.: Electronic copies of letter and A.M.F. Certificate of completion
- C.M.F. to A.F.O.: Hard copies of letter and A.F.O. Certificate as well as electronic via email
  - Also receive new A.F.O. patch and pin

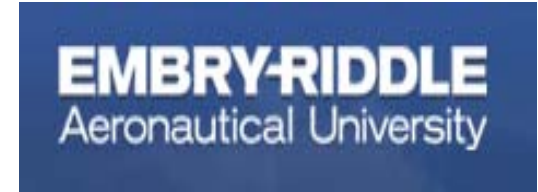




# Program Collaboration



- Embry-Riddle Aeronautical University
  - Academic review of the research papers
  - College credits will be available for the school's Bachelors Degree in Aviation Emergency Management



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# Program Collaboration



- Utah Valley University
  - Launching an Associates Degree in Aviation Fire Officer in Fall of 2014
  - AMF and AFO programs are part of a Associates Degree
  - College credits will be available for students who have completed the program and wish to complete the Associates Degree.

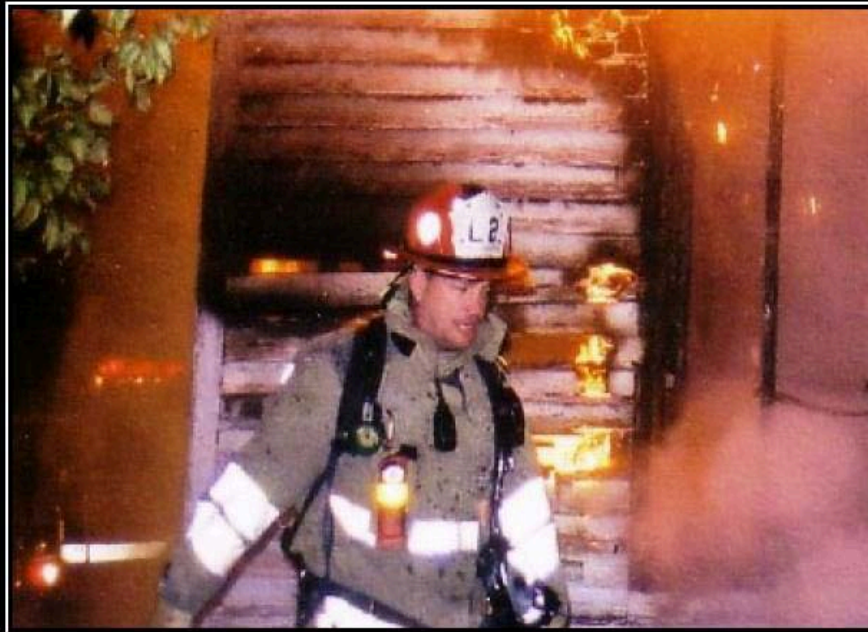


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# Thanks and Stay Safe!



## 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



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