

53d Weapons Evaluation Group

Testing - Tactics - Training

Combat Archer



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Fox, Fox!!!



Testing - Tactics - Training



The Tally

- **300+ Missiles per year**
- **20+ Fighter Squadrons per year**
 - USAF, USN, USMC
 - Coalition Partners
- **12 +/- Full-Scale Drones per year (QF-4)**
- **30 +/- Sub-Scale Drones per year (BQM-167A)**





The Threat

- **BQM-167A**
 - **11' wingspan / 19' long**
 - **9-G capable near sea level / bingo**
 - **Lunberg Lens**
 - **60 Flares**
 - **2 x IR Pods**
 - **EA Pod Capable**
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Why Combat Archer?

■ **COMBAT ARCHER**

- VIETNAM
- DESERT STORM
- OSW/ONW
- ALLIED FORCE



■ **SHOT & KILL DOCTRINE SHOULD MATCH WSEP RESULTS**



The Solution: WSEP



WSEP

- ✓ Combat Performance
- ✓ TTP Development
- ✓ Quality Control

Southeast Asia

Desert Storm

Bonafide AIM-7 Attempts

560

67

Successful (fireball or guided to fireball)

94 (17%)

29 (48%)

Out of Envelope Launches

204 (47%)

13 (24%)

Successful in-envelope

94 (41%)

29 (83%)

Kill Ratio

**319:77
(4.1:1)**

29:0



Contact Info

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