Composite Engineering Inc.
The High Performance Aerial Target Company

BQM-167A/i
Aerial Target System
Company Background
Legacy in Aerial Targets
The BQM-167A
World Class Aerial Target System
Evolution of the BQM-167 Platform


Raytheon Wichita
Targets Acquisition

Build of Initial Hardware

Skeeter Conceived
Skeeter TMI Awarded
Skeeter Demonstrated
AFSAT Proposed
AFSAT Award
FPD Flight 1 (Dec 04)
FPD Flight 6 (Mar 05)
LRIP 1 (Qty 10)
LRIP 2 (Qty 40)
LRIP 3 (Qty 24)
LRIP 4 (Qty 42)
LOT 5 (Qty 50)
LOT 5 (Qty 50)
Spectacular Beginning
6 Weeks Later
And 2 Weeks After That
Current Target Tyndall Target Op

30 Seconds And Counting
SKEETER - CLEAN CONFIGURATION, 90 GALLONS FUEL, 5 GALLONS SMOKE OIL
Flight With Heavy EA Pods
Recovery System

- 9.85 ft Conical Ribbon Drogue
  - Based on a planform used for aircraft spin / stall recovery system
Recovery System

- 62.2 ft Slotted Polyconical
  - Modern planform
    - Cruciform & ring slots
    - Sails
Bottom Line

- Fast……over .9 Mach
- High……over 50k ft
- Maneuverable……up to 9g
- Strong……Carbon Fiber
- Supportable……Long Range USAF plans
- Flexible
  - Skin Shots
  - Tows
  - Internal Payload Space
- Potential to Evolve
BQM-167 Continued Evolution

- Deployment of BQM-167 using GRDCS
- Internalized EA
- Alternate Launch Methods
From Evolution to Revolution
The BQM-167X