Date: 25 May 72
Time: 0845 - 1015
A/H#: 554

Crew: Pilot/Gunner/Crew Chief: Fenwick/Lain
Location: coord AR811906; 1km NE of Kontum
Weather: 1500' scattered, 7 mile visibility, haze

Mission: Engage and destroy 3 tanks spotted in target area
Threat Description: Unknown, likely that tanks were in area

Summary of Engagement: No tanks were found but two missiles were fired at a suspected camouflaged tank. The first one was out of range and the second one hit the target revealing it to not be a tank.

Difficulties:

Hostile Fire Received: None

Other: 1) VNAF FACs conjesting the target area badly crossed missile flight path causing one missile run to be aborted and one missile flight was a near miss.

Recommendations:
Event # 1

Time: 0845 +

Tgt:

Description: Suspected tank location under camouflage

Activity:

Detection cue: Shape

Who acquired:

Location: 1km NE of Kontum

Est. Altitude: 2500' AGL

Air Speed:

Est. Slant Range: 3500m out of range

Maneuver: Straight in

Results: Miss, out of range

Other:
Event # 2

Time: 0845 +

Tgt:
   Description: Same as 1

   Activity: Same as 1

Detection cue: Same as 1

Who acquired: Same as 1

Location: Same as 1

Est. Altitude: 2500' AGL

Air Speed:

Est. Slant Range: 2800m

Maneuver: Straight in

Results: Hit, revealed target to not be a tank.

Other:
Time: First time out

Tgt:
   Description: T-54

   Activity: Involved in assault on Kontum

Detection cue: w/p and/or Cobra rockets

Who acquired:

Location: coord AR781903

Est. Altitude: 3000' AGL

Air Speed: 40-60 kts

Est. Slant Range: 3000m

Maneuver: Pull out

Results: Destroyed

Other:

A-33a
CONFIDENTIAL

(c) EVENT SUMMARY FORM (U)

43.6 RVN

Event # 2

Time: First time out

Tgt:

Description: T-54

Activity: Involved in assault on Kontum

Detection cue: w/p and/or rockets from Cobra

Who acquired:

Location: coord AR780902

Est. Altitude: 2500' AGL

Air Speed: 40-60 kts

Est. Slant Range: 3000m

Maneuver: Pull out

Results: Destroyed

Other:

A-33b

CONFIDENTIAL
EVENT SUMMARY FORM (U)

43.6 RVN

Event # 3

Time: First time out

Tgt:

Description: T-54

Activity: Involved in assault on Kontum

Detection cue: w/p and/or rockets from Cobra

Who acquired:

Location: coord AR779903

Est. Altitude: 1800' AGL

Air Speed:

Est. Slant Range: 3000m

Maneuver: Pull out

Results: Tank destroyed

Other:
CONFIDENTIAL

43.6 RVN

Event # 4

Time: First time out

Tgt:

Description: T-54

Activity: Involved in assault on Kontum

Detection cue: w/p and/or rockets from Cobra

Who acquired:

Location: coord AR778902

Est. Altitude: 2200' AGL

Air Speed:

Est. Slant Range: 2000m

Maneuver: Pull out

Results: Tank destroyed

Other:

A-33d

CONFIDENTIAL
EVENT SUMMARY FORM (U)

43.6 RVN

Event # 5

Time: Second time out

Tgt:

Description: MG on water tower

Activity: Part of assault on Kontum

Detection cue: w/p or rockets from Cobra

Who acquired:

Location: coord 780902

Est. Altitude: 1800' AGL

Air Speed:

Est. Slant Range: 2000m

Maneuver: Pull out

Results: MG destroyed, water tower damaged

Other:
(C) EVENT SUMMARY FORM (U)

43.6 RVN

Event # 6

Time: Second time out

Tgt:
Description: PT 76

Activity: Involved in assault on Kontum

Detection cue: w/p or rockets from Cobra

Who acquired:

Location: coord AR 788899

Est. Altitude: 2500' AGL

Air Speed:

Est. Slant Range: 2000m

Maneuver: Pull out

Results: Miss, missile did not capture due to high angle of attack and loss of control of AH

Other:
EVENT SUMMARY FORM (U)

43.6 RVN

Event # 7

Time: Second time out

Tgt:

Description: PT 76

Activity: Engaged in assault on Kontum

Detection cue: w/p or rockets from Cobra

Who acquired:

Location: coord AR788899

Est. Altitude: 2200' AGL

Air Speed:

Est. Slant Range: 3000m

Maneuver: Pull out

Results: Destroyed

Other:

A-33g

CONFIDENTIAL
Event Summary Form (U)

43.6 RVN

Event # 8

Time: Second time out

Tgt:

Description: PT 76

Activity: Engaged in assault on Kontum

Detection cue: w/p or rockets from Cobra

Who acquired:

Location: coord AR788899

Est. Altitude: 2300' AGL

Air Speed:

Est. Slant Range: 2000m

Maneuver: Pull out

Results: Damaged target

Other:

A-33h
Event # 9

Time: Third time out

Tgt:

Description: Suspected tank

Activity: Involved in assault on Kontum

Detection cue: w/p or rockets from Cobra

Who acquired:

Location: coord AR778899

Est. Altitude: Unk

Air Speed:

Est. Slant Range: Unk

Maneuver: Pull out

Results: Missile lost; no IR source

Other:
(C) EVENT SUMMARY FORM (U)

43.6 RVN

Event # 10

Time: Third time out
Tgt:
  Description: T-54

Activity: Engaged in assault on Kontum

Detection cue: w/p or rockets from Cobra
Who acquired:
Location: coord AR778900
Est. Altitude: 2200' AGL
Air Speed:
Est. Slant Range: 3000m
Maneuver: Pull out
Results: Tank destroyed
Other:

A-33j

CONFIDENTIAL
Event # 11

Time: Third time out

Tgt:

Description: Suspected tank that proved false

Activity:

Detection cue: w/p or rockets from Cobra

Who acquired:

Location: coord AR777899

Est. Altitude: Unk

Air Speed:

Est. Slant Range: Unk

Maneuver: Pull out

Results: Hit, target turned out to be 55 gallon drum.

Other:

A-33k
Event # 12

Time: Third time out

Tgt:

Description: Suspected tank in hut

Activity:

Detection cue: w/p or rockets from Cobra

Who acquired:

Location: coord AR787896

Est. Altitude: 2000'AGL

Air Speed:

Est. Slant Range: 3000m

Maneuver: Pull out

Results: Missile flight motor failed.

Other:
CONFIDENTIAL

(C) MISSION SUMMARY FORM (U)

43.6 RVN

Date: 26 May 1972
Time: 0655 - 1250
A/H#: 554
Crew: Pilot/Gunner/Crew Chief: Hixson/Whiteis/Evans
Location: Kontum City
Weather: Thin overcast, 600-1000 AGL

Mission: Engage and destroy armor supporting a major ground offensive into Kontum

Threat Description: Tanks, APCs, mortars, infantry, AA weapons. Major ground offensive.

Summary of Engagement: Launched at 0655, fired 5 missiles first time out. The 1st and 2nd ones hit tanks, 3rd hit a truck, 4th missed a tank due to a too-steep approach angle, and 5th hit a tank. AH refueled and returned to AO at 1115. Fired four more rounds second time out. 1st round hit a bunker suspected to be a tank, 2nd round hit a suspected tank that proved false, 3rd round fired at MG on water tower but missed due to IR source failure, 4th round hit MG on water tower. Returned to base.

Difficulties:

1) Poor visibility due to thin cloud cover, smoke and dust in A/C.
2) Multiple other AH in AO.
3) No commo with ground elements.
4) Limited fuel
5) Portions of city were overrun and several M-41s were abandoned by ARVN crews and manned by NVA. Targets were selected by C&C clearance and location. The potential for error was high. Later ARVN elements identified their tanks with red engineer flags.

CONFIDENTIAL
Hostile Fire Received: Small arms auto.

Other: Most of the runs were made starting at 40-60 knots and pull out at 70-90 knots.
(C) EVENT SUMMARY FORM (U)

43.6 RVN

Event # 1

Time: First time out
Tgt:
  Description: PT 76

Activity: Engaged in assault on Kontum

Detection cue: Location
Who acquired: Gunner
Location: coord AR787899
Est. Altitude: 2200' AGL
Air Speed:
Est. Slant Range: 2000m
Maneuver: Dive and pull out
Results: Target hit and destroyed with secondary explosion.
Other:
Event # 2

Time: First time out

Tgt:

Description: PT 76

Activity: Engaged in assault on Kontum

Detection cue: Location spotted by CLAW

Who acquired: Gunner

Location: coord AR786899

Est. Altitude: 2200' AGL

Air Speed:

Est. Slant Range: 2000m

Maneuver: Dive and pull out

Results: Tank destroyed with secondary explosion.

Other:

A-34c
Event # 3

Time: First time out

Tgt:

Description: Truck (type unknown)

Activity: Engaged in assault on Kontum

Detection cue: w/p dropped by C&C

Who acquired: Gunner

Location: coord AR786897

Est. Altitude: 2200' AGL

Air Speed:

Est. Slant Range: 3000m

Maneuver: Dive and pull out

Results: Target hit with secondary explosion resulting

Other:
Event # 4

Time: First time out
Tgt:

Description: Suspected tank

Activity:

Detection cue: w/p dropped by C&C
Who acquired: Gunner
Location: coord 788899
Est. Altitude: 2500' AGL
Air Speed:
Est. Slant Range: 2000m
Maneuver: Dive and pull out
Results: Target missed over top. IR source lost due to too steep of a dive by AH.
Other:
Event # 5

Time: First time out
Tgt:

Description: PT 76 (same tank as fired at by previous missile)

Activity: Engaged in assault on Kontum

Detection cue: w/p from C&C
Who acquired: Gunner
Location: coord AR788899
Est. Altitude: 2500' AGL
Air Speed:
Est. Slant Range: 3000m
Maneuver: Dive and pull out
Results: Target destroyed
Other:
EVENT SUMMARY FORM (U)

Event # 6

Time: Second time out

Tgt:

Description: Bunker suspected to be a tank

Activity:

Detection cue: Designated by ground elements

Who acquired: Gunner

Location: coord AR778899

Est. Altitude: 2000' AGL

Air Speed:

Est. Slant Range: 2000m

Maneuver: Straight in

Results: Target hit and damaged

Other:

A-34g
EVENT SUMMARY FORM (U)

43.6 RVN

Event # 7

Time: Second time out

Tgt:

- Description: Suspected tank

Activity:

Detection cue:

Who acquired: Gunner

Location: coord AR778899

Est. Altitude: 2000'AGL

Air Speed:

Est. Slant Range: 2000m

Maneuver: Dive and pull out

Results: Target hit. Proved to be a false target, not a tank.

Other:
Event # 8

Time: Second time out
Tgt:
    Description: MG on water tower

Activity: Firing on ARVN forces in area

Detection cue:
Who acquired: Gunner
Location: coord AR770902
Est. Altitude: 2000' AGL
Air Speed:
Est. Slant Range: 2500m
Maneuver: Straight in
Results: Target missed due to no IR source after initial launch.
Other:
Time: Second time out
Tgt:
  Description: Same as 8
Activity: Same as 8
Detection cue: Same as 8
Who acquired: Same as 8
Location: Same as 8
Est. Altitude: 2000' AGL
Air Speed:
Est. Slant Range: 1500m
Maneuver: Dive and pull out
Results: MG hit and destroyed
Other:
Date: 27 May 72
Time: 0645 - 0835
A/H#: 553
Crew: Pilot/Gunner/Crew Chief: Hixson/Whiteis/Evans
Location: 700m NW of Kontum
Weather:

Mission: Engage and destroy 2 tanks spotted outside of Kontum.

Threat Description: 2 brush covered T-54 tanks along road; stationary. Supporting infantry in area.

Summary of Engagement: Tanks were quickly located. A total of 4 missiles were fired. First two missiles were aborted due to mix up in selection sequence. The third and fourth missiles each hit one of the tanks, causing secondaries and fires on both of them.

Difficulties:

Hostile Fire Received: Profuse light and heavy MG fire

Other:
1) Interference from clouds
2) Interference from haze and smoke

Recommendations:
EVENT SUMMARY FORM (U)

43.6 RVN

Event # 1

Time:
Tgt:

Description: T-54 tank with light brush covering

Activity: Stationary

Detection cue: Tanks were in open on road

Who acquired:

Location: coord AR779Y0Y

Est. Altitude: 2700' AGL

Air Speed:

Est. Slant Range: 2200m

Maneuver:

Results: Missile mis-fired after 3 seconds and went down and to the right. Crew chief was selecting new missile as soon as missile had been launched. This caused a wire cut on the missile in flight.

Other:

A-35a
EVENT SUMMARY FORM (U)

43.6 RVN

Event # 2

Time:
Tgt:

Description: Same as 1

Activity: Same as 1

Detection cue: Same as 1
Who acquired: Same as 1
Location: Same as 1

Est. Altitude: 2300' AGL
Air Speed:
Est. Slant Range: 2200m

Maneuver:
Results: Same as 1

Other:

A-35b
(C) EVENT SUMMARY FORM (U)

43.6 RVN

Event # 3

Time:
Tgt:

Description: Same as 1

Activity: Same as 1

Detection cue: Same as 1

Who acquired: Same as 1

Location: Same as 1

Est. Altitude: 1500' AGL

Air Speed:

Est. Slant Range: 2200m

Maneuver:

Results: Tank hit with secondary and fire resulting

Other:

A-35c
Event # 4

Description: Second of 2 T-54's in a road slightly camouflaged.

Activity: Stationary

Detection cue: In open in road

Who acquired:

Location: Same as 1

Est. Altitude: 2000' AGL

Air Speed:

Est. Slant Range: 2200m

Maneuver:

Results: Tank hit with secondary and fire observed

Other:
Date: 29 May 72  
Time: 0930 - 1045, 1755 - 1910  
A/H#: 553  
Crew: Pilot/Gunner/Crew Chief: Fenwick/Lain  
Location: Kontum  
Weather: 7000' scattered, visibility 6+ miles, haze  

Mission: Engage and destroy .51 cal set up on water tower in Kontum. Destroy water tower so it could not be used again as a fire point.  

Threat Description: .51 cal on water tower supported by infantry. Legs of water tower were composed of steel reinforced concrete approximately 18" in diameter.  

Summary of Engagement: AH went out twice to destroy tower. First time out 5 missiles were fired: first knocked out MG and remaining four worked over tower with direct point fire on legs. 2nd time out 3 more missiles were fired hitting legs but tower still did not fall because of multiple cross members supporting it. (See diagram)  

Difficulties:  
Hostile Fire Received: .50 cal, and light machine gun  
Other:  
Recommendations:
Event # 1

Time:
Tgt:
Description: .51mm on water tower
Activity: firing

Detection cue: Shape and color contrast
Who acquired:
Location: coord AR786899
Est. Altitude: 3500' AGL
Air Speed:
Est. Slant Range: 2800m
Maneuver:
Results: Hit, MG destroyed
Other:

A-36a
EVENT SUMMARY FORM (U)

43.6 RVN

Event # 2

Time: 

Tgt: 

Description: Water tower top 

Activity: MG position 

Detection cue: Same as 1 

Who acquired: 

Location: Same as 1 

Est. Altitude: 3500' AGL 

Air Speed: 

Est. Slant Range: 2600m 

Maneuver: 

Results: Target hit, water tower sustained additional damage secondary explosion from ammo. 

Other: 

A-36b
(C) EVENT SUMMARY FORM (U)

43.6 RVN

Event # 3

Time:
Tgt:
Description: Water tower left leg

Activity: Same as 1
Detection cue: Same as 1
Who acquired:
Location: Same as 1
Est. Altitude: 3500' AGL
Air Speed:
Est. Slant Range: 2800m
Maneuver:
Results: Leg hit - small hole was punched through leg on each shot
Other:
(C) EVENT SUMMARY FORM (U)

43.6 RVN

Event # 4

Time: 
Tgt: 

Description: Water tower leg (2nd from left)

Activity: Same as 1

Detection cue: Same as 1

Who acquired: 

Location: Same as 1

Est. Altitude: 3500' AGL

Air Speed: 

Est. Slant Range: 2800m

Maneuver: 

Results: Leg hit

Other: 

A-36d

CONFIDENTIAL
EVENT SUMMARY FORM (U)

43.6 RVN

Event # 5

Time:
Tgt:

Description: Body of water tower

Activity: Same as 1

Detection cue: Same as 1
Who acquired:

Location: Same as 1

Est. Altitude: 3500' AGL

Air Speed:

Est. Slant Range: 2800m

Maneuver:

Results: Body of water tower penetrated.

Other:

A-36e

CONFIDENTIAL
EVENT SUMMARY FORM (U)

43.6 RVN

Event # 6

Time:

Tgt:

Description: Left leg of water tower

Activity: Same as 1

Detection cue: Same as 1

Who acquired:

Location: Same as 1

Est. Altitude: 3200' AGL

Air Speed:

Est. Slant Range: 2500m

Maneuver:

Results: Leg hit

Other:

A-36f
Event # 7

Description: 2nd from left leg of water tower

Activity: Same as 1

Detection cue: Same as 1

Who acquired:

Location: Same as 1

Est. Altitude: 3200' AGL

Air Speed:

Est. Slant Range: 2500m

Maneuver:

Results: Leg hit

Other:

A-36g
Event # 8

Time:
Tgt:

Description: 3rd from left leg of water tower

Activity: Same as 1

Detection cue: Same as 1

Who acquired:
Location: Same as 1

Est. Altitude: 3200' AGL

Air Speed:

Est. Slant Range: 2600m

Maneuver:

Results: Leg hit. Water tower still did not fall.

Other:
CONFIDENTIAL

(C) MISSION SUMMARY FORM (U)
43.6 RVN

Date: 1 June 72
Time: 1345 - 1515
A/H#: 553
Crew: Pilot/Gunner/Crew Chief: Smith/Rowe/Lehrshall
Location: Kontum
Weather: 5000' overcast, 10 miles visibility. Storm north and south of target areas.

Mission: Destroy bunkers that had been taken over by the NVA in Kontum.

Threat Description: Infantry with AA support, 2 bunkers were engaged.

Summary of Engagement: Five rounds were fired. The first two were at the same bunker with the 1st missing and the 2nd hitting the target. 3rd and 4th were at a second bunker, both hitting within a 6 ft. area. 5th missile was fired at a 3rd bunker but flew erratically.

Difficulties:

Hostile Fire Received: Heavy small arms

Other: 1) Weather
       2) TAC air
       3) Helicopter coming up on wrong heading and having to spend time searching for target.

Recommendations:

Other: 1) Note from USACDCLUSARV twix: "Advisors in Kontum have commented that the TOW AH have a very good affect on ARVN morale when they are seen overhead. They consider it worth the cost to have the birds up and fire occasionally for ARVN if any possible targets are available.

       2) Three tubes did not wire cut.

A-37
EVENT SUMMARY FORM (U)

43.6 RVN

Event # 1

Time:
Tgt:

Description: Bunker

Activity: Housing NVA soldiers

Detection cue: Shape
Who acquired: Gunner
Location: Kontum
Est. Altitude: 3000' AGL
Air Speed:
Est. Slant Range: 3200m
Maneuver:

Results: Miss. Missile leveled out, turned right almost 80° angle and impacted 300m from target.

Other:

A-37a

CONFIDENTIAL
(C) EVENT SUMMARY FORM (U)

43.6 RVN

Event # 2

Time: 

Tgt: 

Description: Same as 1

Activity: Same as 1

Detection cue: Same as 1

Who acquired: Same as 1

Location: Same as 1

Est. Altitude: 2800' AGL

Air Speed:

Est. Slant Range: 2700m

Maneuver:

Results: Target hit. No BDA

Other:

A-37b
EVENT SUMMARY FORM (U)
43.6 RVN

Event # 3

Time:
Tgt:

Description: 2nd bunker engaged

Activity: Housing NVA soldiers

Detection cue: Shape
Who acquired: Gunner
Location: Kontum
Est. Altitude: 2800' AGL
Air Speed:
Est. Slant Range: 2600m
Maneuver:
Results: Bunker hit - no BDA
Other:
(C) EVENT SUMMARY FORM (U)

43.6 RVN

Event # 4

Time:
Tgt:

Description: Same as 3

Activity: Same as 3

Detection cue: Same as 3
Who acquired: Same as 3
Location: Same as 3

Est. Altitude: 3000' AGL
Air Speed:
Est. Slant Range: 2700m

Maneuver:

Results: Missile impacted about 6 feet from hit by previous missile.

Other: This hit was made while taking hostile fire and a veer off was made with A/C approximately 45° to target at time of impact.
EVENT SUMMARY FORM (U)

43.6 RVN

Event # 5

Time:

Tgt:

Description: 3rd bunker engaged

Activity: Housing NVA troops

Detection cue: Shape

Who acquired: Gunner

Location: Kontum

Est. Altitude: 3000' AGL

Air Speed:

Est. Slant Range: 2800m

Maneuver:

Results: Miss. Missile corkscrewed around line of sight and came back on target momentarily then continued corkscrewing action resulting in miss.

Other:

A-37e
Date: 12 June 72
Time: 1940 - 2215
A/H#: 553

Crew: Pilot/Gunner/Crew Chief: Hixson/Whiteis

Location: 15 km south of Holloway
Weather: clear, 10 mile visibility

Mission: Night evaluation of red sight filter

Threat Description: None

Summary of Engagement: Three missiles were fired using the filter: 1st hit target, 2nd missed, and 3rd hit.

Difficulties:

Hostile Fire Received: None

Other: 1) Filter effectively removes red color from visible light spectrum. It also reduces the intensity of visible light. Filter also alters the reticle (full bright) image to a vague yellow which makes focusing and target tracking more difficult.

2) Flare effectiveness is limited to close parameters. i.e., a minimum of 3 flares clustered directly over the target at 500-1000 AGL will provide sufficient light for detection at 3k and tracking at 2-3k. Acquisition was less of a problem here than it would be with live targets; i.e., here crew picked their own targets as flares lit up.

Recommendations:

1) System can only be used at night when a major key friendly position is in danger of being over-run by tanks.
2) Considerable night training of crews is needed.
Event # 1

Time: 
Tgt: 
Description: Tree

Activity: 

Detection cue: Shape
Who acquired: 
Location: 15km south of Holloway
Est. Altitude: 2000' AGL
Air Speed: 60 kts
Est. Slant Range: 3000m
Maneuver:
Results: Hit, tree destroyed.
Other: Target picked as a function of flare illumination only.
Event # 2

Description: Tin roofed hut

Activity:

Detection cue: Metal glint

Who acquired:

Location: 15 km south of Holloway

Est. Altitude: 2000' AGL

Air Speed: 60 kts

Est. Slant Range: 3000m

Maneuver:

Results: Miss, suspected flare interference with IR system

Other:
Event # 3

Time:
Tgt:
  Description: Same as 2

Activity:
  Detection cue: Same as 2
  Who acquired:
  Location: Same as 2
  Est. Altitude: 2000' AGL
  Air Speed:
  Est. Slant Range: 2000m
  Maneuver:
  Results: Hit
  Other: Missiles 2 and 3 were both fired on the same run