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(C) MISSION SUMMARY FORM (U)

43.6 RVN

Date: 13 May 1972

Time: 1155-1320 and 1800-1900

A/H#: 553

Crew: Pilot/Gunner/Crew Chief: Fenwick/Lain/Evans

Location: Kontum

Weather: 4800' broken, 15 miles visibility

Mission: Locate and destroy APC spotted in Kontum area. Also engage tanks in area.

Threat Description: APC in heavy foliage

Summary of Engagement: Two missiles were fired at the APC once it was located. The first went through the rear door (open) and impacted floor. Second hit engine area and started secondary fire. A third missile was fired at a tank but missile overshot target. A fourth round was fired at a suspected tank location with no results.

Difficulties:

Hostile Fire Received: None

Other: 1) Interference from heavy foliage surrounding target.

A-18

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(C) EVENT SUMMARY FORM (U)

43.6 RVN

Event # 1

Time: 1230

Tgt:

Description: APC surrounded by heavy foliage

Activity: None

Detection cue: Shape, color contrast; w/p dropped from scout

Who acquired: Gunner and pilot

Location: coord AR198045MR2

Est. Altitude: 2500' AGL

Air Speed:

Est. Slant Range: 2800m

Maneuver: Straight-in

Results: Missile went through rear door (open) and impacted floor.
No secondary.

Other: APC had bamboo camouflage covering built on side of hill
and supported by poles on far side - front and rear were uncovered.

A-18a

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(C) EVENT SUMMARY FORM (U)

43.6 RVN

Event # 2

Time: 1230 +

Tgt:

Description: APC surrounded by heavy foliage (same target as for event 1)

Activity: None

Detection cue: Shape, color contrast, w/p dropped from scout

Who acquired: Pilot and gunner

Location: coord AR198045MR2

Est. Altitude: 2500' AGL

Air Speed:

Est. Slant Range: 2500m

Maneuver: Straight-in

Results: Missile impacted in engine area and began secondary fire.

Other:

A-18b

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(C) EVENT SUMMARY FORM (U)

43.6 RVN

Event # 3

Time: 1830

Tgt:

Description: T-54 tank

Activity: Moving through jungle

Detection cue: Scout helicopter

Who acquired: Gunner

Location: coord AR229068

Est. Altitude: 1800' AGL

Air Speed: 50 - 85 kts

Est. Slant Range: 1800'

Maneuver: Straight-in, deep dive

Results: Pilot almost exceeded maximum flyable dive limits and had difficulty pulling out. Missile impacted suspected target. No BDA.

Other: AH became uncontrollable on pull out of dive with cyclic frozen in left aft position. Both pilots required to center cyclic. AH flown 2 hours later in day with neg. other problems. Suspect control reversal or servo failure caused by maneuver.

A-18c

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(C) EVENT SUMMARY FORM (U)

43.6 RVN

Event # 4

Time: 1840

Tgt:

Description: Suspected tank marked by smoke grenade. No intervisibility achieved (same target as previous event)

Activity:

Detection cue: Smoke

Who acquired:

Location: Kontum area coord AR229068

Est. Altitude: 2500' AGL

Air Speed: 60 kts

Est. Slant Range: 2800m

Maneuver: Straight-in

Results: Miss. Hit w/p smoke grenade.

Pilot comment: "LOACH was to drop w/p smoke on tank. We had no direct commo with LOACH and when he dropped smoke we rolled in and fired missile hitting smoke. Target marked by smoke was not tank but position LOACH took fire from."

A-18d

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(C) MISSION SUMMARY FORM (U)

43.6 RVN

Date: 14 May 1972

Time: 0615-1115

A/H#: 553

Crew: Pilot/Gunner/Crew Chief: Smith/Rowe/Lehrshall

Location: 5 km NW of Kontum near HW 14

Weather: Clear

Mission: Engage and destroy T-54 tanks that had been spotted in the area. Approx. 5 T-54's were spotted by various individuals

Threat Description: 2 T-54 tanks engaged in retreat near Kontum

Summary of Engagement: After about a 20 minute search over the area the two tanks were spotted. Within a period of five minutes both had been destroyed by direct hits. No other targets were sighted during the day. 1st tank was caught fording a stream and the second was behind it.

Difficulties:

Hostile Fire Received: Machine gun fire NE of Kontum

Other: 1) Dust from artillery obscured vision
2) Eyestrain from A/C vibrations
3) Difficulty in finding target because of poor color contrast.

A-19

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(C) EVENT SUMMARY FORM (U)

43.6 RVN

Event # 1

Time: 0715

Tgt:

Description: T-54 tank

Activity: Retreating from artillery fire, crossing river

Detection cue: Target shape

Who acquired: Gunner

Location: coord ZA196925MR2 5 km NW of Kontum

Est. Altitude: 2300' AGL

Air Speed:

Est. Slant Range: 2500m

Maneuver: Straight-in followed by turn to acquire 2nd target.

Results: Tank destroyed - secondary observed

Other:

A-19a

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(C) EVENT SUMMARY FORM (U)

43.6 RVN

Event # 2

Time: 0715 +

Tgt:

Description: T-54 tank

Activity: Retreating from artillery fire

Detection cue: Shape

Who acquired: Gunner

Location: coord ZA196925MR2 5 km NW of Kontum

Est. Altitude: 2300' AGL

Air Speed:

Est. Slant Range: 2500m

Maneuver: Straight-in

Results: Tank destroyed - secondary observed

Other: Tank was 25M behind first tank waiting to cross river -
crew of tank was observed by C+C to get out of tank
after tank in river was hit

A-19b

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(C) MISSION SUMMARY FORM (U)

43.6 RVN

Date: 15 May 1972

Time: 1645-1915

A/H#: 554

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

Location: Kontum area

Weather: 2000' broken, 15 mile visibility

Mission: Engage and destroy tank spotted in target area.

Threat Description: Half-track or truck loaded with supplies.

Summary of Engagement: At approximately 1740 a half-track/truck was spotted by scout. The TOW system engaged and destroyed the track.

Difficulties:

Hostile Fire Received: Light automatic.

- Other:
- 1) Many other A/C in AO (2 UH-1's, 2 OH-6, 4 AH1G's, FAC)
 - 2) Overall mission frequently interrupted for air strikes.
 - 3) Heavy foliage over AO

A-20

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(C) EVENT SUMMARY FORM (U)

43.6 RVN

Event # 1

Time: 1740

Tgt:

Description: Half-track or truck, partially camouflaged,
loaded with supplies

Activity:

Detection cue: Target shape, smoke mark by scouts

Who acquired: Gunner

Location: coord ZA058055T

Est. Altitude: 3000' AGL

Air Speed:

Est. Slant Range: 2500m

Maneuver: Straight-in

Results: Direct hit, vehicle burned

Other:

A-20a

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(C) MISSION SUMMARY FORM (U)

43.6 RVN

Date: 15 May 1972

Time: 2200-0130 (Night mission)

A/H#: 554 and 553

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

Location: 2 km NW of Kontum

Weather: 10,000' overcast, 10 mile visibility

Mission: Engage and destroy tanks that were part of a ground assault in A0.

Threat Description: 6 tanks, infantry, AA weapons

Summary of Engagement: The mission began in 554, but ships were switched due to extreme vibrations. There was much dust in area from 40mm AH-1G rounds but a target silhouette was finally acquired once adequate flare illumination was acquired. 1 missile was fired, but the IR source blinded the gunner and he was unable to track round. Impact was not observed. Mission broken off because of flare shortage.

Difficulties:

Hostile Fire Received: Light and heavy machine gun

- Other:
- 1) Dust and smoke from 40mm fire obscured area
 - 2) Multiple other AH in A0 (2 OH-1's, 2 AH-1's, FAC, and SPECTOR)
 - 3) IR source blinded gunner causing miss
 - 4) Trees obscured target

A-21

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(C) EVENT SUMMARY FORM (U)

43.6 RVN

Event # 1

Time: 2300

Tgt:

Description: Tank

Activity: Part of major ground assault

Detection cue: Muzzle flash spotted by C&C

Who acquired: Gunner and pilot

Location: coord 210900

Est. Altitude: 2000' AGL

Air Speed:

Est. Slant Range: 2000m

Maneuver: Straight-in

Results: Gunner blinded by IR source. Impact area of missile was not observed.

Other: 1) Flare IR interference not observed.
2) Missile followed straight trajectory as observed by pilot.

A-21a

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(C) MISSION SUMMARY FORM (U)

43.6 RVN

Date: 16 May 1972

Time: 0600 +

A/H#: 553

Crew: Pilot/Gunner/Crew Chief: Fenwick/Lain/Lehrshall

Location: Kontum area

Weather: 4500-5000' scattered, 15+ visibility, weather good all day

Mission: Engage and destroy enemy targets in and around Kontum

Threat Description: Infantry, armor (tanks and APC's), AA weapons.

Summary of Engagement: Mission lasted all day and a large number of varied targets were destroyed. The missiles were fired as follows:

1. At large hut with tank tread marks leading into it. The hut was destroyed.
2. 2 1/2-ton truck - destroyed.
3. APC destroyed.
4. APC destroyed (same location as 3)
- 5 and 6. APC in populated area that required point fire, destroyed

Difficulties:

Hostile Fire Received: Light and heavy automatic weapons.

A-22

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- Other:
- 1) Could not get scout to designate targets (scout came under fire at low altitudes).
 - 2) Interference from smoke and dust from TAC AIR.
 - 3) Interference from heavy foliage in AO area.

Recommendations: AH needed more time to refuel.

- Other:
- 1) The only other A/C in the area were the TOW support package. This seemed to greatly facilitate effectiveness.
 - 2) Primary aid in detections was target shape and color contrast.

A-22a

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(C) EVENT SUMMARY FORM (U)

43.6 RVN

Event # 1

Time: 1025

Tgt:

Description: Large hut with tank marks leading into it.

Activity: None

Detection cue: Reported by a FAC.

Who acquired: Gunner

Location: coord AR775923

Est. Altitude: 2000' AGL

Air Speed: 60 kts

Est. Slant Range: 1500m

Maneuver: Straight-in

Results: Hut was destroyed; secondary fire followed; no tank in hut; suspect ammunition caused fire.

Other:

A-22b

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(C) EVENT SUMMARY FORM (U)

43.6 RVN

Event # 2

Time: 1158

Tgt:

Description: 2 1/2-ton truck, slightly damaged

Activity: None

Detection cue: Reported by FAC.

Who acquired: Pilot

Location: coord ZA185046 along jungle trail

Est. Altitude: 2000' AGL

Air Speed:

Est. Slant Range: 1800m

Maneuver: Straight-in

Results: Truck destroyed.

Other:

A-22c

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(C) EVENT SUMMARY FORM (U)

43.6 RVN

Event # 3

Time: 1357

Tgt:

Description: An array of 3 APC's - one destroyed, one damaged, one undamaged. Last one picked as target.

Activity: None, stationary.

Detection cue: Shape and color contrast.

Who acquired: Gunner

Location: coord ZB101162

Est. Altitude: 2800' AGL

Air Speed: 40 kts

Est. Slant Range: 3000m

Maneuver: Straight-in

Results: Destroyed, no secondary.

Other: See event 4.

A-22d

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(C) EVENT SUMMARY FORM (U)

43.6 RVN

Event # 4

Time: 1357

Tgt:

Description: Array of 3 APC's. Target was slightly damaged one of the three.

Activity: None, stationary.

Detection cue: Shape and color contrast

Who acquired: Gunner

Location: coord ZB101161

Est. Altitude: 2500' AGL

Air Speed: 60 kts

Est. Slant Range: 1800 km

Maneuver: Straight-in

Results: Destroyed with large secondary.

Other: This missile was fired on the same run as the previous one. This accounts for short range and demonstrates versatility of system.

A-22e

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(C) EVENT SUMMARY FORM (U)

43.6 RVN

Event # 5

Time: 1512

Tgt:

Description: APC

Activity: Seeking refuge in housing area

Detection cue: Cav scouts spotted.

Who acquired: Gunner

Location: coord ZB098176. Was hidden next to a house and under a tree. POW's in area.

Est. Altitude: 1800' AGL

Air Speed:

Est. Slant Range: 1500m

Maneuver: Straight-in

Results: The missile damaged the vehicle and blew down the tree covering it, exposing it for next shot.

Other: Only a point fire weapon like the TOW could be used in this situation due to the proximity of POW's and civilians.

A-22f

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(C) EVENT SUMMARY FORM (U)

43.6 RVN

Event # 6

Time: 1515

Tgt:

Description: APC (same as previous missile fired at)

Activity: Seeking refuge in housing area.

Detection cue: Cav. scout spotted

Who acquired: Gunner

Location: coord ZB098176. Was in next to a house. POW's in area.

Est. Altitude: 1800' AGL

Air Speed:

Est. Slant Range: 1500m

Maneuver: Straight-in

Results: APC destroyed

Other: Only a point fire weapon could be used in this situation due to the proximity of POW's.

A-22g

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(C) EVENT SUMMARY FORM (U)

43.6 RVN

Event # 7

Time: 1700

Tgt:

Description: 3/4 ton truck in mud.

Activity: Abandoned

Detection cue: C&C ship located

Who acquired: Gunner

Location: 10 km NW of Kontum coord ZB134053MR2

Est. Altitude: 2800' AGL

Air Speed: 60 kts

Est. Slant Range: 2500m

Maneuver: Straight-in

Results: Truck destroyed

Other:

A-22h

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(C) EVENT SUMMARY FORM (U)

43.6 RVN

Event # 8

Time: 1705

Tgt:

Description: 105 howitzer stuck near truck destroyed by missile 7

Activity: Abandoned

Detection cue: Spotted by C&C ship

Who acquired: Gunner

Location: 10 km NW of Kontum coord ZB135258MR2

Est. Altitude: 2800' AGL

Air Speed:

Est. Slant Range: 2500m

Maneuver: Straight-in

Results: Miss, gunner wanted to destroy piece by hitting breech but missed by 1 foot.

Other:

A-22i

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(C) EVENT SUMMARY FORM (U)

43.6 RVN

Event # 9

Time: 1710

Tgt:

Description: Same as Event 8

Activity: Same as Event 8

Detection cue: Same as Event 8

Who acquired: Same as Event 8

Location: Same as Event 8

Est. Altitude: 2800' AGL

Air Speed:

Est. Slant Range: 2500m

Maneuver: Straight-in

Results: Missile hit breech and secondary resulted suggesting round in chamber. Target totally destroyed.

Other:

A-22j

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(C) EVENT SUMMARY FORM (U)

43.6 RVN

Event # 10

Time: 1730 +

Tgt:

Description: Ammo trench in abandoned fire base containing
ammo crates

Activity:

Detection cue: Target shape

Who acquired: Gunner

Location: North of Kontum

Est. Altitude: 2800' AGL

Air Speed:

Est. Slant Range: 2500m

Maneuver: Straight-in

Results: Hit with small secondary suggesting small arms ammo.

Other:

A-22k

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MISSION SUMMARY FORM

43.6 RVN

Date: 17 May 1972

Time: 2220-2330

A/H#: 554

Crew: Pilot/Gunner/Crew Chief: Smith/Rowe/Evans

Location: Training area

Weather: High overcast with isolated thunder storms

Mission: Night training

Threat Description: None

Summary of Engagement: Two missiles were fired and mission was then abandoned because of higher priority for flare ship. The first missile missed target since gunner could not see target due to IR source interference. The second missile hit its target, a small fire started by a flare, since the target was bright enough to be re-captured after the missile was moved off line.

Difficulties:

Hostile Fire Received: None

Other: IR source obscures view of target at night.

Recommendations: At this point it is highly questionable if the system is tactically operational at night.

A-23

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(C) EVENT SUMMARY FORM (U)

43.6 RVN

Event # 1

Time: 2220 +

Tgt:

Description: Tree, practice target.

Activity:

Detection cue:

Who acquired: Gunner

Location: Practice area

Est. Altitude: 2000' AGL

Air Speed:

Est. Slant Range: 3200m

Maneuver: Straight-in

Results: Miss, target out of range.

Other: The target was lost due to the IR source obscuring it from view.

A-23a

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(C) EVENT SUMMARY FORM (U)

43.6 RVN

Event # 2

Time: 2220 +

Tgt:

Description: Small fire started by one of the flares.

Activity:

Detection cue:

Who acquired: Gunner

Location: Practice area

Est. Altitude: 2000' AGL

Air Speed:

Est. Slant Range: 2000m

Maneuver: Straight-in

Results: Target hit.

Other: Due to the brilliance of the target the missile could be moved off line and the target could be recaptured. If the missile is kept off center until the last few seconds of flight, it might be possible to swing it on at that time and obtain better results.

A-23b

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(C) MISSION SUMMARY FORM (U)

43.6 RVN

Date: 18 May 1972

Time: 1125-1300

A/H#: 554

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

Location: 15 km west of Kontum

Weather: 2000 broken, 10 miles visibility.

Mission: Engage and destroy tank located in river (camouflaged)

Threat Description: One T-54 tank, camouflaged, sand-bagged, and equipped with long range fuel tanks. Tank camouflaged as island, in water up to top of track.

Summary of Engagement: UH-1B began engagement on tank at 1210 hrs. First missile missed tank but removed cover exposing turret. 2nd and 3rd missiles removed earthen and sand bag cover from top of tank but did not penetrate. 4th missile penetrated turret, no secondary was observed. A 5th missile was fired at a similar island on opposite bank, but observation after impact revealed it not to be a camouflaged tank.

Difficulties:

Hostile Fire Received: None

Other: 1) Camouflage on tank was so thick it created a mis-
impression of how deep the tank was in the water.
2) Eyestrain from AC vibrations.

A-24

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(C) EVENT SUMMARY FORM (U)

43.6 RVN

Event # 1

Time: 1210

Tgt:

Description: Camouflaged tank submerged in river.

Activity: None

Detection cue: Target shape; designated by C&C ship.

Who acquired: Gunner

Location: coord ZA108986MR2

Est. Altitude: 2000' AGL

Air Speed:

Est. Slant Range: 2200m

Maneuver: Straight-in

Results: Camouflage blown off top exposing turret.

Other:

A-24a

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(c) EVENT SUMMARY FORM (U)

43.6 RVN

Event # 2

Time: 1215

Tgt:

Description: Same as Event 1

Activity: Same as Event 1

Detection cue: Same as Event 1

Who acquired: Same as Event 1

Location: Same as Event 1

Est. Altitude: 2000' AGL

Air Speed:

Est. Slant Range: 2500m

Maneuver: Straight-in

Results: Hit, part of sand bags and earthen cover blown off tank.
Tank not penetrated.

Other:

A-24b

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(C) EVENT SUMMARY FORM (U)

43.6 RVN

Event # 3

Time: 1220

Tgt:

Description: Same as Event 1

Activity: Same as Event 1

Detection cue: Same as Event 1

Who acquired: Same as Event 1

Location: Same as Event 1

Est. Altitude: 2000' AGL

Air Speed:

Est. Slant Range: 2500m

Maneuver: Straight-in

Results: Remaining sand bags and dirt cover blown off turret fully exposing it. Turret still not penetrated.

Other:

A-24c

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(C) EVENT SUMMARY FORM (U)

43.6 RVN

Event # 4

Time: 1225

Tgt:

Description: Same as Event 1

Activity: Same as Event 1

Detection cue: Same as Event 1

Who acquired: Same as Event 1

Location: Same as Event 1

Est. Altitude: 2000' AGL

Air Speed:

Est. Slant Range: 2000m

Maneuver: Straight-in

Results: Penetration of turret was observed but no secondary followed.

Other:

A-24d

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(C) EVENT SUMMARY FORM (U)

43.6 RVN

Event # 5

Time: 1230

Tgt:

Description: Island believed to possibly be camouflaged tank

Activity:

Detection cue: Shape

Who acquired: Gunner

Location: coord ZA108986MR2, across river from previous target

Est. Altitude: 2000' AGL

Air Speed:

Est. Slant Range: 1750m

Maneuver: Straight-in

Results: Hit, revealed that island was not a camouflaged tank.

Other:

A-24e

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(C) MISSION SUMMARY FORM (U)

43.6 RVN

Date: 18 May 1972

Time: 1600 +

A/H#: 554

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

Location: 5 km west of Kontum

Weather: 3500' broken, 7 miles visibility.

Mission: Engage and destroy camouflaged twin 23mm located in area

Threat Description: Twin 23mm AA weapon. It did not fire at the AH during the engagement, but did fire at other aircraft in the area.

Summary of Engagement: Two missiles were fired at the Twin 23mm. The first was out of range, but the 2nd hit and destroyed the weapon.

Difficulties:

Hostile Fire Received: Light automatic

Other: Gun was camouflaged off trail and range estimation was very difficult.

A-25

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(C) EVENT SUMMARY FORM (U)

43.6 RVN

Event # 1

Time: 1730 +

Tgt:

Description: Twin 23mm AA weapon

Activity: Firing at US aircraft.

Detection cue: Barrels sticking out of camouflage.

Who acquired: Gunner

Location: coord ZA078923MR2

Est. Altitude: 2500' AGL

Air Speed:

Est. Slant Range: 3000m +

Maneuver: Left veer off

Results: Miss due to excessive range.

Other:

A-25a

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(C) EVENT SUMMARY FORM (U)

43.6 RVN

Event # 2

Time: 1730 +

Tgt:

Description: Same as Event 1

Activity: Same as Event 1

Detection cue: Same as Event 1

Who acquired: Same as Event 1

Location: Same as Event 1

Est. Altitude: 2500' AGL

Air Speed:

Est. Slant Range: 2900m

Maneuver: Left veer off

Results: Hit, weapon destroyed.

Other:

A-25b

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(C) MISSION SUMMARY FORM (U)

43.6 RVN

Date: 19 May 1972

Time: 1110-1300

A/H#: 554

Crew: Pilot/Gunner/Crew Chief: Fenwick/Lain/Evans

Location: coord ZB145147

Weather: 4000 broken, light haze, 8 miles visibility.

Mission: Destroy abandoned 2 1/2-ton NVA truck.

Threat Description: Abandoned truck

Summary of Engagement: Truck was designated by C&C ship. One missile was fired which destroyed it and UH-1B returned to base.

A-26

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(C) EVENT SUMMARY FORM (U)

43.6 RVN

Event # 1

Time: 1147

Tgt:

Description: Abandoned 2 1/2-ton NVA truck with cargo in back.

Activity: None

Detection cue: Target shape and color contrast designated by C&C

Who acquired: Gunner

Location: coord ZB145147

Est. Altitude: 2000' AGL

Air Speed: 60 kts

Est. Slant Range: 2300m

Maneuver: Straight-in

Results: Missile impacted head on in center of hood; destroyed truck; no secondary.

Other:

A-26a

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(C) MISSION SUMMARY FORM (U)

43.6 RVN

Date: 20 May 1972

Time: 1400-1530

A/H#: 554

Crew: Pilot/Gunner/Crew Chief: Smith/Rowe/Lehrshall

Location: Dak To II

Weather: 3500' scattered, 15 miles + visibility

Mission: Engage and destroy 2 tanks

Threat Description: 2 captured M-41 tanks on fire support base.

Summary of Engagement: The C&C marked the targets with smoke and UH-1B began engagement. The first tank was engaged and destroyed with one missile; the helicopter turned, engaged, and destroyed second tank.

Difficulties:

Hostile Fire Received: None

A-27

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(C) EVENT SUMMARY FORM (U)

43.6 RVN

Event # 1

Time: 1400 +

Tgt:

Description: M-41 tank

Activity:

Detection cue: Target shape; smoke dropped by C&C

Who acquired: Pilot and gunner

Location: coord ZB010215

Est. Altitude: 3000' AGL

Air Speed:

Est. Slant Range: 2900m

Maneuver: Pull up

Results: Tank destroyed with secondary explosion following.

Other:

A-27a

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(C) EVENT SUMMARY FORM (U)

43.6 RVN

Event # 2

Time: 1400 +

Tgt:

Description: M-41

Activity:

Detection cue: Shape and smoke dropped by C&C

Who acquired: Pilot and gunner

Location: coord ZB010215

Est. Altitude: 3000' AGL

Air Speed:

Est. Slant Range: 2700m

Maneuver: Straight-in

Results: Tank hit and destroyed; no secondary observed.

Other:

A-27b

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(C) MISSION SUMMARY FORM (U)

43.6 RVN

Date: 21 May 1972

Time: 1530-1700

A/H#: 553

Crew: Pilot/Gunner/Crew Chief: Fenwick/Lain/Lehrshall

Location: coord ZA189775 south of Kontum

Weather:

Mission: Engage and destroy 37mm or 57mm cannon.

Threat Description: 37mm cannon or 57mm. Later established as 57mm from debriefing of crew of A/C engaged.

Summary of Engagement: Target was not detected. Many orbits of area were made at decreasing radius - tracks from carrier were spotted.

A-28

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(C) MISSION SUMMARY FORM (U)

43.6 RVN

Date: 21 May 1972

Time: a.m.

A/H#: 554

Crew: Pilot/Gunner/Crew Chief: Whiteis/BG Maddox/Evans

Location: 8 km north of Kontum

Weather: 3500' scattered, 15 miles visibility

Mission: Destroy abandoned M-41 tank, demonstrate system to BG Maddox

Threat Description: None

Summary of Engagement: During AH run up and prior to departure the system controls were explained to BG Maddox. Enroute to A0 he practiced tracking with system. Upon arrival in target area the targets were pointed out by the pilot and 4 practice runs were made. On the 5th run BG Maddox fired and hit the tank. Returned to base.

A-29

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(C) MISSION SUMMARY FORM (U)

43.6 RVN

Date: 23 May 1972

Time: 2320-2445

A/H#: 554

Crew: Pilot/Gunner/Crew Chief: Smith/Rowe/Evans

Location: Free fire zone, SE Range

Weather: Clear

Mission: Night training

Threat Description: None; targets were trees

Summary of Engagement: 2 rounds were fired at trees. Both rounds missed due to lighting difficulties. Mission aborted when gunner blinded by flare. Illumination was provided by a flare ship and the C&C ship using tracers and w/p grenades to mark target.

Difficulties:

Hostile Fire Received: None

Other: Quoting from gunner: "The first round I fired at a large bush in the middle of the w/p smoke. The round missed by approximately 30m. One of the big factors causing the miss was that when the flares were drifting and dropping all of the shadows were changing position making it extremely difficult to keep track of target. The IR source of the missile gave me complete red out all the way down. I aimed approximately 15m left of target and tried to keep my target in view but even with the missile out of the line of sight I still could not get a real definite image because of the shifting shadows. When the missile looked to be

A-30

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3/4 of the way to the target I moved it right to get on target. After impact the missile was in line with target but short.

The next round was fired under the illumination of 7 flares. I again looked into the brightest portion of the area and again fired on a bush in the open. Within 2 seconds after fire I again had no idea where the target was because of shadows on the ground. When 3 flares were real close to the ground (10 to 20 feet) I had real good illumination, but about 5 seconds later a flare came into the field of view of the optics and I could not see. The brightness in the sight made me see spots in my eyes for the next 2 hours and after about 10 hours my eyes still burned."

A-30a

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(c) EVENT SUMMARY FORM (U)

43.6 RVN

Event # 1

Time: 1100 +

Tgt:

Description: Tree

Activity:

Detection cue: Flare light and w/p grenade

Who acquired: Gunner

Location:

Est. Altitude: 2500' AGL

Air Speed:

Est. Slant Range: 2500m

Maneuver: None

Results: Miss due to lighting

Other:

A-30b

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(C) EVENT SUMMARY FORM (U)

43.6 RVN

Event # 2

Time: 1100 +

Tgt:

Description: Tree

Activity:

Detection cue: Flare light

Who acquired: Gunner

Location:

Est. Altitude: 2500' AGL

Air Speed:

Est. Slant Range: 1800m

Maneuver: None

Results: Miss, gunner severely blinded by flare moving in field of view of sight.

Other:

A-30c

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(C) MISSION SUMMARY FORM (U)

43.6 RVN

Date: 24 May 72

Time: 1655 - 1930

A/H#: 554

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

Location: coord ZA164946

Weather: 3500' scattered, 10 mile visibility

Mission: Engage and destroy 130mm gun that had been sighted

Threat Description: 130mm gun, 122mm rockets

Summary of Engagement: Upon arriving on position AH was unable to locate target because of dust, smoke, and tall trees surrounding reported position. During the search for the gun two rockets were observed during launch about 1 km NE of suspected gun position. Launch area of rockets (suspected 122mm) was easily located from dust raised by back blast. A missile was fired at the launch area (a bunker with 3' slot and open back) which hit it and resulted in long secondary fire.

Difficulties:

- 1) Dust and smoke in area.
- 2) Heavy vegetation in area.

Hostile Fire Received:

Other:

Recommendations:

A-31

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(C) EVENT SUMMARY FORM (U)

43.6 RVN

Event # 1

Time: approx. 1730

Tgt:

Description: Rocket launching position, suspected to be 122mm rockets.

Activity: Launching rockets

Detection cue: Rockets being launched and dust from back blast of rockets.

Who acquired: Gunner

Location: coord ZA164946

Est. Altitude: 2000' AGL

Air Speed:

Est. Slant Range: 1500m

Maneuver: 20° dive with pull out

Results: Target hit and burned profusely for at least next 30 minutes.

Other:

A-31a

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