SUMMARY OF DEFENSE AROUND HANOI

Shot: 3 planes flying in the sky

Shot: View flying over Hanoi
Discussion of different types of radar as highlights on map of Vietnam

Shot: Dropping bombs

SUMMARY OF TACTICAL ELECTRONIC WARFARE

Shot: Abrasive electronic device
Explain: Tactical electronic warfare

Shot: looking out on air force base from moving vehicle
Explain: Tactical electronic warfare and aircraft used

Shot: Single plane
Discussion of Iron Hand Flight.

[05:02:16;02]

Shot: Radar jamming quads as they move towards the screen
Explain: Use

Shot: Multiple planes taking off

REASONS FOR TACTICAL ELECTRONIC WARFARE

[05:02:59;01]

Shot: Map of Hanoi
Explanation of change in hostile radar since the start of the air war
Shot: Highlighted on map as discussed

[05:03:47;27]

Shot: Planes taking off

Paraphrase famous statement: There is no guarantee an aircraft flying into a hostile environment will return, but almost guaranteed an aircraft without ECM will not return.

[05:04:13;09]

Shot: Men walking out of a building

Explain: Understanding of tactical electronic warfare role is essential to successful mission accomplishment and summary of what will video will cover.

AIRBASES INVOLVED

[05:04:26;24]

Shot: Pacific Air Forces shield, camera zooms out to see building it is on

Explain: "PACAF" coordinates strikes in Southeast Asia

Shot: Building sign explaining what is located on each floor

Explain: 13th Air Force Airbase is responsible administrative and logistic support of activities operating in Thailand

[05:04:54;02]

Shot: 7th Air Force Airbase - Tan Son Nhut

Explain: Responsible for operational responsibility for air operations in Southeast Asia

PLANNING

[05:05:05;28]

Shot: Men working at desks

Explain: How 7th Air Force Commander determines which targets will be struck and how men in different government strike agencies advise decision

[05:05:31;12]

Shot: Close-up on one of the men, locating targets on map

Explain: When strike order decided, goes to Alpha, or Bravo Division and Alpha team beings preparatory orders

Shot: Close-up on map where strategy outlined

Explain: Fragmentary Orders (FRAGS) include all important data

Shot: Worker handing map to another person

Explain: Data coordinated until fit critical time schedule
INFORMATION DISTRIBUTED
[05:06:31;25]

Shot: Hands typing at a keyboard
Explain: When strike order completed, transmitted to involved organizations

Shot: Close-up on hands

Shot: Close-up on letter being typed

[05:06:40;15]

Shot: Illustrate how message distributed on map of Vietnam

BEGIN ACTIVITIES

Shot: Men walking in/out of building
Explain: When FRAG orders arrive, start variety of activities

Shot: Men working in office
Explain: Men work on mission planning

Shot: Men working in Mission Planning Room
Explain: Crews plan flights

Shot: Close-up on one soldier
Explain: Electronic Warfare Officers (EWOS) copy pertinent information

Shot: Man gets up, walks over and points to thing on map
Explain: Each aircraft assigned an orbit or route

Shot: Close-up on map
Explain: what an orbit is

[05:08:14;14]

Shot: 3 flying planes
Explain: 3 models of planes that are used

[05:08:18;16]

Shot: Close-up on soldier's face as another soldier explains strategy on map
Explain: How map describes plan

Shot: Soldier's individual map
Explain: EWOS prepare own worksheets to be used on aircraft

Shot: Compass on map, camera moves sideways and rests on strategy notes on map
Explain: Role of EB-66 aircraft

Shot: Men wrap up working in office
Explain: Mission planning complete

[05:09:43;09]

Shot: One man pointing to map as others watch
Explain: Information given at briefing

Shot: Close-up on man explaining map

Shot: Close-up on map

Shot: Men in audience

Shot: Men getting up and leaving

[05:10:24;25]

Shot: Air force grounds

Shot: Close-ups on individual aircrafts and specific parts
Explain: Specific jobs of each aircraft model and brief history and design of each

EMBARKING ON MISSION
[05:12:00;14]

Shot: Men climbing in to aircraft
Explain: Crews board plane

Shot: EB-66 Aircraft taking off
Explain: Role is to screen strike aircraft

Explain: Flying facts

[05:12:41;06]

Shot: 3 Aircraft flying
Explain: Turn on equipment to warm up

Shot: Men working on plane
Explain: In-flight checks performed
Shot: Two C models flying
Explain: C model can check B and E models and sync

Shot: Man working in plane

Shot: C model flying

Shot: Man working in plane

Shot: Three EB flying

Shot: Three EB flying with larger plane

Shot: One aircraft refueling by receiving fuel from another plane while in-flight
Explain: Refueling

Shot: Three EB flying with larger plane

SURVEYING RADAR
[05:13:46;28]

Shot: Close-up on radar
Explain: Begin receiving surveillance radars from North Vietnam
Explain: C-model surveys radar and B and E models begin jamming early-monitoring radars

Shot: Men working in plane
Explain: As radars come up, analyze and record

Shot: Hand recording data on chart

Shot: Close-up on man's eyes

Shot: Close-up on radar
Explain: Look-out for specific radar

Shot: Man working in plane
Explain: What they are watching for

[05:14:43;16]

Shot: Three EBs flying
Explain: Environment becomes more active
Shot: Man working on control panel in plane
Explain: C model coordinates B and E model jammers

Shot: Single aircraft flying
Explain: Aircraft reach individual orbits and explanation of model roles

Shot: Back end of aircraft
Explain: All three models start dispensing chap and purpose

Shot: Man working in the control room of aircraft

Shot: Radar screen
Explain: Before dispensing, use every type of radar
Explain: Discussion of different radar

Shot: Close-up on hand working in control room of aircraft

Shot: Close-up on radar screen

Shot: Close-up on soldier's face
Explain: Trying to get a clear picture of what's going on

Shot: Four aircraft flying in sync
Explain: Radar increases as aircraft reach target

Shot: Close-up on soldier's hand, zooms out to man working on controls in plane

Shot: Three aircraft flying, view from under the planes
Explain: All aircraft carry self-protectant jamming quads

Shot: View looking down from plane
Explain: Quads and jamming make it possible to carry out mission

Shot: Trucks being blown up, red smoke

MISSION COMPLETE
Shot: Three aircraft flying away
Explain: Presence and use of missiles, keep SAM and radar off-air. Then leave and Iron Hand Flight steps in.

Shot: Control room of plane
Explain: Changes in radar as return to base

[05:18:09;23]

Shot: Strike force flying
Explain: Strike force passes jamming orbit

Shot: Three aircraft (Strike Force) flying
Explain: When out of the area, being to RTV

Shot: Single aircraft
Explain: Jamming and surveillance continues

Shot: Control room of plane
Explain: Radar being used.
Explain: Job of electronic reconnaissance.

Shot: Three aircraft flying in-sync

[05:19:13;24]

Shot: Aircraft slowing down on runway
Explain: Electronic data gathered used for later missions.

INFORMATION GATHERED USED FOR LATER MISSIONS
[05:19:26;15]

Shot: Men entering building
Explain: Crews go through electronic intelligence debriefing

Shot: Men working at table
Explain: Mission reconstructed with gathered information

Shot: Close-up on two soldiers talking

Shot: Man working at control panel

Shot: Close-up on radar screen
Explain: Tape-recordings provide accurate information

Shot: Men working at table
Explain: Information recorded and have a clear picture of the mission. Tactics and techniques evaluated.

Shot: Men leaving building  
Explain: Role, need for up-to-date equipment.

Shot: Plane taking off

Shot: Four aircraft flying in-sync  
Explain: Repeat paraphrased quote from earlier

Shot: Fades to black screen that says "The End"