

MESSAGE = 00244745

LHGM SGL NGMSGMMZCDNB488AMB57-

00 [REDACTED] DE

143 3492000

ZKZK OO SDA HAH NRL DE

O 15WPPZ ZYH

FM USJ-794

TO OSCAR SIX GOLF

ZEM

152000Z DEC 66

(b) (3) - P.L. 86-36

~~SECRET~~ SAVIN SECTION TWO OF FOUR 2/06Z [REDACTED] VCK-E/R29-66 PRELIMINARY AIR ACTIVITY REPORT INFORMATION CONTAINED HEREIN REPRESENTS PRELIMINARY ANALYSIS OF SIGINT AVAILABLE TO US-794 AS OF 151200Z DECEMBER 1966. SECTION THREE - MISSILE LAUNCHES ON 13 DECEMBER 1966. CONT. BETWEEN 0742 AND 0921Z, A SAM SITE LOCATED APPROXIMATELY EIGHT NAUTICAL MILES NORTHEAST OF HANOI AT 2108N 10554E (VI439) FIRED THREE MISSILES, WHICH RESULTED IN THE REPORTED DESTRUCTION OF ONE HOSTILE AIRCRAFT. AT 0804Z, THE HOSTILE AIRCRAFT WAS INITIALLY DETECTED, BY THE SITE, APPROXIMATELY EIGHT NAUTICAL MILES WEST OF THAI NGUYEN AND THEN TRACKED IN A SOUTHEASTERLY DIRECTION TO A POSITION 12 NAUTICAL MILES EAST OF HANOI. AT THIS POINT THE HOSTILE MADE A RIGHT TURN AND THE SAM SITE REPORTED A LOCK-ON AT 0809Z. AT 0909:45Z, THE SOUND OF A MISSILE LAUNCH WAS AUDIBLE THROUGH OPEN MICROPHONE CONDITIONS AT THE SAM SITE AND TWELVE SECONDS LATER A SECOND MISSILE WAS LAUNCHED. THE HOSTILE WAS THEN REFLECTED OVER HANOI, WHICH WAS REFERRED TO BY A SPEAKER AT THE SAM SITE AS THE, "FORBIDDEN ZONE". TRACKING CONTINUED ON THE HOSTILE TO A POINT APPROXIMATELY TEN NAUTICAL MILES SOUTHWEST OF HANOI WHERE TRACKING CEASED. AT 0810Z, ANOTHER HOSTILE RAID WAS DETECTED APPROXIMATELY EIGHT NAUTICAL MILES EAST OF HANOI, TRACKED SOUTHWEST 16 NAUTICAL MILES, THEN NORTH SEVEN NAUTICAL MILES. AT 0814:59Z, THE THIRD MISSILE WAS LAUNCHED BY THE SAM SITE ON AN AZIMUTH OF 218 DEGREES WITH A SITE TO TARGET RANGE OF 14 NAUTICAL MILES. IMMEDIATELY AFTER THE LAUNCH, THE HOSTILE WAS NOTED TURNING TO A SOUTHERLY HEADING AND DESCENDING FROM 16,400 FEET TO 4920 FEET. AT APPROXIMATELY 0813Z, THE SPEAKER AT THE SAM SITE REPORTED THE TARGET DESTROYED, AND WHEN QUERIED AS TO WHICH SHOT, HE REPLIED THAT IT WAS THE SECOND SHOT. AT 0818Z, THIS SAME SPEAKER STATED, "WE SAW IT DESCEND ALTITUDE... TO ONLY 2.5 KMS (4921 FEET) THUS HERE WE SHOT WITH GUIDANCE SET TOO FAR... OUTSIDE THE TRAJECTORY ORDER... IT DID NOT HAVE THE CAPABILITY TO DESCEND". OPERATIONAL REPORTS REFLECT THE LOSS OF ONE F-105D (VAMPIRE 3) TO A SAM IN THE VICINITY OF 2057N 10540E AT 0806Z. HOWEVER, THIS LOSS DOES NOT CORRELATE TO THE SHOOTDOWN REPORTED BY THE SAM SITE. OPERATIONAL REPORTS ALSO REFLECTED A FLIGHT OF FOUR F-105D'S [REDACTED] IN THE VICINITY OF 2059N 10539E, ON A HEADING OF 160 DEGREES AT 15,000 FEET, BETWEEN 0814 AND 0817Z. THREE SAM'S EXPLODED BELOW, AND 1000 FEET TO THE REAR OF THIS FLIGHT, WHILE A FOURTH MISSILE EXPLODED APPROXIMATELY ONE-QUARTER MILE FROM THE FLIGHT AT A TWO O'CLOCK POSITION FROM THE FLIGHT. SECTION FOUR - FURTHER MIG REACTION ON 13 DECEMBER. REFERENCE PAAR 2/06Z [REDACTED] VCK-E/R28-66, SECTION FIVE - DRV MIG'S ENGAGE HOSTILE AIRCRAFT. THE FOLLOWING IS ADDITIONAL INFORMATION CONCERNING MIG REACTIONS ON 13 DECEMBER. BETWEEN 0815 AND 0853Z, [REDACTED] TACTICAL VOICE FACILITIES REFLECTED A MINIMUM OF EIGHT HANOI GIA LAM BASED PROBABLE MIG-17'S ON DEFENSIVE PATROLS IN THE REACTION TO AN UNKNOWN NUMBER OF HOSTILE AIRCRAFT. AT 0823Z, THE FLIGHT LEADER WAS TOLD BY THE GIA LAM AIRFIELD CONTROLLER, TO MAINTAIN A HEADING OF "290 DEGREES (TRUE) TOWARD TACTICAL ZONE EIGHT (UNLOCATED)". PREVIOUS TO THIS, AT 0817Z, THE HOSTILE AIRCRAFT WERE REPORTED TO BE OPERATING IN TACTICAL ZONE EIGHT. DURING THIS TIME PERIOD, OPERATIONAL REPORTS REFLECT THE SIGHTING OF

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DOCID: 4137460
(b) (3) - 18 USC 793
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~~SECRET SPOKE~~

MIG-17 WEST OF HANOI BY U.S. STRIKE AIRCRAFT OPERATING OVER THIS AREA. NO HOSTILE INTENT WAS DISPLAYED BY THE MIG'S AND THEY WERE NOTED RECOVERING AT HANOI GIA LAM BETWEEN 0820 AND 0830Z. THERE WERE NO REFLECTIONS OF THIS ACTIVITY OVER DRV AIR SURVEILLANCE FACILITIES AND NO AIRBORNE IFF SIGNALS WERE INTERCEPTED DURING THIS TIME PERIOD, WHICH IMPACTED IN THE HANOI GIA LAM AREA. SECTION FIVE - AIR DEFENSE AND FLIGHT ACTIVITY FOR 14 DECEMBER 1966. 1. SIGINT FOR THIS DATE REFLECTED 30 ACTIVE RADAR STATIONS USING [REDACTED] PIECES OF INDIVIDUAL RADAR EQUIPMENT, [REDACTED] WHICH IS THE HIGHEST TOTAL NOTED ACTIVE SINCE 29 NOVEMBER, WHEN THE SAME NUMBER WERE REFLECTED. INTERCEPT OF DRV AIR SURVEILLANCE FACILITIES REFLECTED 18 RADAR STATIONS REPORTING A TOTAL OF 804 TRACKS. THIS IS THE HIGHEST VOLUME OF TRACKING NOTED SINCE 4 AND 5 DECEMBER WHEN 880 TRACKS WERE REPORTED. THE SOUTHERN DRV WAS THE MOST ACTIVE AREA IN THE DEV WITH 347 TRACKS REPORTED. THE TRA TRANG RADAR STATION, LOCATED 18 NAUTICAL MILES NORTHWEST OF VINH, WAS THE MOST ACTIVE EARLY WARNING FACILITY ON THIS DATE WITH 133 TRACKS REPORTED, WHICH IS THE HIGHEST NUMBER OF TRACKS REPORTED BY THIS STATION SINCE AT LEAST 1 NOVEMBER. COMINT INDICATES THAT ALL TRACKING AT THIS SITE HAS PROBABLY PERFORMED [REDACTED]. THE ANH SON RADAR STATION ALSO LOCATED IN THE SOUTHERN DRV REPORTED 85 TRACKS, WHICH IS THE HIGHEST VOLUME OF TRACKING REPORTED BY THIS STATION SINCE 2 SEPTEMBER, WHEN 109 TRACKS WERE REPORTED. THE 70MCS RADAR LOCATED AT THE VINH RADAR STATION WAS NOTED ACTIVE, IN COMINT, FOR THE SECOND TIME SINCE T LEASH 1 JULY. , 900 NNNN

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M = 98

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CATEGORY = 7

MESSAGE = 00244852

LNQMSG LNQMSG CZCDNB 491908
00 DE

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ZKZK 00 SDA HAH NRL DE
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FM USJ-794
TO OSCAR SIX/GOLF
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SECRET SAYIN SECTION THREE OF FOUR 2206Z VCK-E/R29-66 PRELIMINARY AIR
ACTIVITY REPORT INFORMATION CONTAINED HEREIN REPRESENTS PRELIMINARY ANALYSIS OF
SIGINT AVAILABLE TO USJ-794 AS OF 151200Z DECEMBER 1966. SECTION FIVE - AIR
DEFENSE AND FLIGHT ACTIVITY FOR 14 DECEMBER 1966 CONT. THE CENTRAL COASTAL
REGION WAS THE SECOND MOST ACTIVE AREA IN THE DRV WITH 234 TRACKS REPORTED. THE
NAM DINH RADAR STATION, 40 NAUTICAL MILES SOUTHEAST OF HANOI, WAS THE MOST
ACTIVE SITE IN THIS AREA WITH 60 TRACKS REPORTED. COMINT INDICATES THAT ALL
TRACKING WAS PERFORMED. THE DA COC RADAR STATION,
LOCATED 12 NAUTICAL MILES EAST OF HANOI, REPORTED 57 TRACKS, WHICH IS THE
HIGHEST VOLUME OF TRACKING BY THIS STATION SINCE 3 NOVEMBER WHEN 70 TRACKS WERE
REPORTED. COMINT INDICATES THAT THIS STATION PROBABLY PERFORMED ALL TRACKING
THE BIA THUONG RADAR STATION, LOCATED 25 NAUTICAL
MILES WEST OF THANH HOA, REPORTED 59 TRACKS, WHICH IS THE HIGHEST NOTED SINCE
13 OCTOBER WHEN 96 TRACKS WERE REPORTED. THE THIRD MOST ACTIVE AREA IN THE DRV
WAS THE NORTHWESTERN REGION WITH 122 TRACKS REPORTED. THE PIEN KAYE RADAR
STATION, REPORTED 47 TRACKS, WHICH IS THE HIGHEST TOTAL OF RAIDS REPORTED BY
THIS SITE SINCE 27 NOVEMBER WHEN 64 TRACKS WERE REPORTED. THE NORTHEASTERN AREA
WAS THE LEAST ACTIVE AREA IN THE DRV WITH 101 TRACKS REPORTED. THE KEP HA AREA
RADAR STATION WAS THIS AREA'S MOST ACTIVE SITE WITH 34 TRACKS REPORTED. COMINT
INDICATES THAT ALL TRACKING BY THIS STATION WAS PROBABLY PERFORMED.
COMINT ALSO INDICATED THAT THE MAJORITY OF TRACKING NOTED IN THE
DRV ON THIS DATE WAS PROBABLY PERFORMED. SIGINT
REFLECTED ACTIVE WITH SEVEN OF THESE SUBORDINATED TO AN
EARLY WARNING FUNCTION, WHILE THE REMAINING TWO PROBABLY PERFORM A TARGET
ACQUISITION FUNCTION. SINCE 13 NOVEMBER, THE PHUC YEN RADAR STATION HAS NOT
BEEN NOTED PASSING TRACKING DATA.

VALID SHOOTDOWN

NO REFNO

PILOT RESCUED

SINCE 13 NOVEMBER, THE
HUC YEN HAS BEEN WHILE THE AT THIS
SITE HAS BEEN. 2. COMINT REFLECTED 16 ACTIVE SAM SITES IN
THE CENTRAL AND EAST CENTRAL DRV. FOUR OF THESE WERE ACTIVE IN THE VICINITY OF
HAIPHONG AND ONE 13 NAUTICAL MILES NORTHEAST OF HAIPHONG, ALL OF WHICH ARE
SUBORDINATED TO THE 234TH REGIMENT. THERE WERE EIGHT SAM SITES REFLECTED ACTIVE
WHICH ARE BELIEVED TO BE SUBORDINATE TO THE 238TH SAM REGIMENT, PROBABLY
LOCATED IN THE GENERAL PHU LANGTHUONG AREA. THREE OF THESE SAM SITES WERE
REFLECTED IN THE HANOI AREA, ONE OF WHICH CORRELATES TO A NEW SITE (VI441), TWO
IN THE BAC GIANG AREA, ONE 34 NAUTICAL MILES SOUTHWEST OF THANH HOA, ONE TEN
NAUTICAL MILES NORTHEAST OF HUNG YEN, AND ONE NONE NAUTICAL MILES SOUTHWEST OF
EP HA. THERE WERE ALSO TWO ACTIVE SAM SITES REFLECTED IN THE PHUC NHAC AREA,
AND A NEW SITE (VI442) TWELVE NAUTICAL MILES SOUTHWEST OF PHUC NHAC.
2006 AND 0815Z, ELINT IMPACTS WERE OBTAINED ON FOUR SAM SITE.

ELINT

IMPACTS WERE OBTAINED

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NOLE ELINT IMPACT WAS OBTAINED
3. DRV MIG PREFLIGHTS FOR 14 DECEMBER WERE BELOW NORMAL WITH 188 SORTIES
SCHEDULED FOR KEP, EIGHT FOR PHUC YEN, AND FOUR FOR HANOI GIA LAM. ACTIVITY WAS
SCHEDULED OVER NORMAL COURSE TRAINING AREAS DURING DAYLIGHT HOURS. THE ACTUAL
NUMBER OF SORTIES FLOWN WAS ALSO BELOW NORMAL WITH 15 STAGING FROM PHUC YEN,
THREE FROM KEP AND TWO FROM HANOI GIA LAM. MIG ACTIVITY OCCURRED FROM 13/2343Z TO
13/2400Z, AND CONSISTED OF AIR ENGAGEMENTS, NAVIGATIONAL TRAINING FLIGHTS,
DEFENSIVE PATROLS, AND INTER-AIRFIELD FLIGHTS. BETWEEN 0800Z AND 0820Z, DRV
ACTUAL VOICE AND AIR SURVEILLANCE FACILITIES REFLECTED A PROBABLE AIR
ENGAGEMENT BETWEEN FOUR PHUC YEN BASED PROBABLE MIG-21'S AND AN UNKNOWN NUMBER
HOSTILE AIRCRAFT, WHICH RESULTED IN THE DESTRUCTION OF ONE HOSTILE BY A
PROBABLE AAM. DURING THIS TIME PERIOD, OPERATIONAL REPORTS REFLECTED AN
ENCOUNTER BETWEEN A FLIGHT OF FOUR F-105'S (FOSDICK 1-4) AND TWO MIG-21'S WEST OF
PHUC YEN, WHICH RESULTED IN THE LOSS OF FOSDICK-3 TO AN AAM. DURING THIS TIME
PERIOD OPERATIONAL REPORTS REFLECTED MIG ENCOUNTERS/ENGAGEMENTS BETWEEN FOUR
FLIGHTS OF FOUR F-105'S (FOSDICK 1-4, STINGER 1-4, TAMPA 1-4, AND BUDCAT 1-4).
FOSDICK FLIGHT WAS ENGRESSING FROM THE TARGET AREA AT AN ALTITUDE OF 6000 TO
8000 FEET. IN THE VICINITY OF 2847N 10508E, FOSDICK-3 WAS HIT BY A MIG-21'S ABOVE THE FLIGHT
ON THE F-105'S SIX O'CLOCK POSITION. ONE MIG ATTACKED FOSDICK-3, AND THE
MIG-21'S HIT FOSDICK-3. ONE MIG FIRED AN AAM, HITTING FOSDICK-3, AND IMMEDIATELY
LEFT THE AREA. 900 NNNN

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TO OSCAR SIX/GOLF

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~~SECRET~~ SAVIN SECTION TWO OF FOUR

2/86 [REDACTED] VCK-F/829-66

PRELIMINARY AIR ACTIVITY REPORT

INFORMATION CONTAINED HEREIN REPRESENTS PRELIMINARY ANALYSIS OF SIGINT AVAILABLE TO US-794 AS OF 151200Z DECEMBER 1966.

SECTION THREE - MISSILE LAUNCHES ON 13 DECEMBER 1966. CONT.

BETWEEN 0742 AND 0921Z, A SAM SITE LOCATED APPROXIMATELY EIGHT NAUTICAL MILES NORTHEAST OF HANOI AT 2109N 10554E (V1429) FIRED THREE MISSILES, WHICH RESULTED IN THE REPORTED DESTRUCTION OF ONE HOSTILE AIRCRAFT.

AT 0804Z, THE HOSTILE AIRCRAFT WAS INITIALLY DETECTED, BY THE SITE, APPROXIMATELY EIGHT NAUTICAL MILES WEST OF THAI NGUYEN AND THEN TRACKED IN A SOUTHEASTERLY DIRECTION TO A POSITION 12 NAUTICAL MILES EAST OF HANOI. AT THIS POINT THE HOSTILE MADE A RIGHT TURN AND THE SAM SITE REPORTED A LOCK-ON AT 0809Z. AT 0809 45Z, THE SOUND OF A MISSILE LAUNCH WAS AUDIBLE THROUGH OPEN MICROPHONE CONDITIONS AT THE SAM SITE AND TWELVE SECONDS LATER A SECOND MISSILE WAS LAUNCHED. THE HOSTILE WAS THEN REFLECTED OVER HANOI, WHICH WAS REFERRED TO BY A SPEAKER AT THE SAM SITE AS THE, =FORBIDDEN ZONE=. TRACKING CONTINUED ON THE HOSTILE TO A POINT APPROXIMATELY TEN NAUTICAL MILES SOUTHWEST OF HANOI WHERE TRACKING CEASED.

AT 0810Z, ANOTHER HOSTILE RAID WAS DETECTED APPROXIMATELY EIGHT NAUTICAL MILES EAST OF HANOI, TRACKED SOUTHWEST 15 NAUTICAL MILES, THEN NORTH SEVEN NAUTICAL MILES. AT 0814 59Z, THE THIRD MISSILE WAS LAUNCHED BY THE SAM SITE ON AN AZIMUTH OF 219 DEGREES WITH A SITE TO TARGET RANGE OF 14 NAUTICAL MILES. IMMEDIATELY AFTER THE LAUNCH, THE HOSTILE WAS NOTED TURNING TO A SOUTHERLY HEADING AND DESCENDING FROM 16,400 FEET TO 4920 FEET. AT APPROXIMATELY 0813Z, THE SPEAKER AT THE SAM SITE REPORTED THE TARGET DESTROYED, AND WHEN QUESTIONED AS TO WHICH SHOT, HE REPLIED THAT IT WAS THE SECOND SHOT. AT 0818Z, THIS SAME SPEAKER STATED, =WE SAW IT DESCEND ALTITUDE... TO ONLY 2.5 KMS (4921 FEET) THUS HERE WE SHOT WITH GUIDANCE SET TOO FAR... OUTSIDE THE TRAJECTORY ORDER...IT DID NOT HAVE THE CAPABILITY TO DESCEND=.

OPERATIONAL REPORTS REFLECT THE LOSS OF ONE F-105D (VAMPIRE 3) TO A SAM IN THE VICINITY OF 2057N 10540E AT 0806Z. HOWEVER, THIS LOSS DOES NOT CORRELATE TO THE

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SHOOTDOWN REPORTED BY THE SAM SITE. OPERATIONAL REPORTS
ALSO REFLECTED A FLIGHT OF FOUR F-105'S [REDACTED]
IN THE VICINITY OF 2059N 10539E, ON A HEADING OF 160 DEGREES
AT 15,000 FEET, BETWEEN 0814 AND 0817Z. THREE SAMs
EXPLODED BELOW, AND 1200 FEET TO THE REAR OF THIS FLIGHT,
WHILE A FOURTH MISSILE EXPLODED APPROXIMATELY ONE-QUARTER
MILE FROM THE FLIGHT AT A TWO O'CLOCK POSITION FROM THE FLIGHT.
SECTION FOUR - FURTHER MIG REACTION ON 13 DECEMBER.
REFERENCE PAAR 2/06 [REDACTED] VCK-E/R28-66. SECTION FIVE - DRV
MIG'S ENGAGE HOSTILE AIRCRAFT. THE FOLLOWING IS ADDITIONAL
INFORMATION CONCERNING MIG REACTIONS ON 13 DECEMBER.

BETWEEN 0815 AND 0853Z, [REDACTED] TACTICAL VOICE FACILITIES
REFLECTED A MINIMUM OF EIGHT HANOI GIA LAM BASED PROBABLE
MIG-17'S ON DEFENSIVE PATROLS IN THE REACTION TO AN UNKNOWN
NUMBER OF HOSTILE AIRCRAFT. AT 0823Z, THE FLIGHT LEADER
WAS TOLD BY THE GIA LAM AIRFIELD CONTROLLER, TO MAINTAIN
A HEADING OF -290 DEGREES (TRUE) TOWARD TACTICAL ZONE
EIGHT (UNLOCATED)=. PREVIOUS TO THIS, AT 0817Z, THE
HOSTILE AIRCRAFT WERE REPORTED TO BE OPERATING IN TACTICAL
ZONE EIGHT. DURING THIS TIME PERIOD, OPERATIONAL REPORTS
REFLECT THE SIGHTING OF MIG-17' WEST OF HANOI BY U.S.
STRIKE AIRCRAFT OPERATING OVER THIS AREA. NO HOSTILE
INTENT WAS DISPLAYED BY THE MIG'S AND THEY WERE NOTED
RECOVERING AT HANOI GIA LAM BETWEEN 0820 AND 0830Z. THERE
WERE NO REFLECTIONS OF THIS ACTIVITY OVER DRV AIR SURVEILLANCE
FACILITIES AND NO AIRBORNE IFF SIGNALS WERE INTERCEPTED,
DURING THIS TIME PERIOD, WHICH IMPACTED IN THE HANOI GIA
LAM AREA.

SECTION FIVE - AIR DEFENSE AND FLIGHT ACTIVITY FOR
14 DECEMBER 1966.

1. SIGINT FOR THIS DATE REFLECTED 30 ACTIVE RADAR
STATIONS USING [REDACTED] PIECES OF INDIVIDUAL RADAR EQUIPMENT,
[REDACTED] WHICH IS THE
HIGHEST TOTAL NOTED ACTIVE SINCE 29 NOVEMBER, WHEN THE
SAME NUMBER WERE REFLECTED. INTERCEPT OF DRV AIR SURVEILLANCE
FACILITIES REFLECTED 19 RADAR STATIONS REPORTING A TOTAL OF
844 TRACKS. THIS IS THE HIGHEST VOLUME OF TRACKING NOTED
SINCE 4 AND 5 DECEMBER WHEN 880 TRACKS WERE REPORTED. THE
SOUTHERN DRV WAS THE MOST ACTIVE AREA IN THE DEV WITH 347
TRACKS REPORTED. THE TRA TRANG RADAR STATION, LOCATED 18
NAUTICAL MILES NORTHWEST OF VINH, WAS THE MOST ACTIVE
EARLY WARNING FACILITY ON THIS DATE WITH 133 TRACKS
REPORTED, WHICH IS THE HIGHEST NUMBER OF TRACKS REPORTED
BY THIS STATION SINCE AT LEAST 1 NOVEMBER. COMINT
INDICATES THAT ALL TRACKING AT THIS SITE WAS PROBABLY
PERFORMED [REDACTED] THE ANH SON RADAR
STATION ALSO LOCATED IN THE SOUTHERN DRV REPORTED 85
TRACKS, WHICH IS THE HIGHEST VOLUME OF TRACKING REPORTED
BY THIS STATION SINCE 2 SEPTEMBER, WHEN 109 TRACKS WERE
REPORTED. THE 70MCS RADAR LOCATED AT THE VINH RADAR
STATION WAS NOTED ACTIVE, IN COMINT, FOR THE SECOND TIME
SINCE

AT LEAST 1 JULY.
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TO OSCAR SIX/GOLF

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~~SECRET~~ SECTION THREE OF FOUR

2/06/ [REDACTED] VCK-E/R29-66

PRELIMINARY AIR ACTIVITY REPORT

INFORMATION CONTAINED HEREIN REPRESENTS PRELIMINARY ANALYSIS OF SIGINT AVAILABLE TO USJ-794 AS OF 151200Z DECEMBER 1966.

SECTION FIVE - AIR DEFENSE AND FLIGHT ACTIVITY FOR 14 DECEMBER 1966 CONT. THE CENTRAL COASTAL REGION WAS THE SECOND MOST ACTIVE AREA IN THE DRV WITH 234 TRACKS REPORTED. THE NAM DINH RADAR STATION, 40 NAUTICAL MILES SOUTHEAST OF HANOI, WAS THE MOST ACTIVE SITE IN THIS AREA WITH 60 TRACKS REPORTED. COMINT INDICATES THAT ALL TRACKING WAS PERFORMED [REDACTED] THE DA COC RADAR STATION, LOCATED 12 NAUTICAL MILES EAST OF HANOI, REPORTED 57 TRACKS, WHICH IS THE HIGHEST VOLUME OF TRACKING BY THIS STATION SINCE 3 NOVEMBER WHEN 70 TRACKS WERE REPORTED. COMINT INDICATES THAT THIS STATION PROBABLY PERFORMED ALL TRACKING [REDACTED]

[REDACTED] THE BIA THUONG RADAR STATION, LOCATED 25 NAUTICAL MILES WEST OF THANH HOA, REPORTED 59 TRACKS, WHICH IS THE HIGHEST NOTED SINCE 12 OCTOBER WHEN 96 TRACKS WERE REPORTED. THE THIRD MOST ACTIVE AREA IN THE DRV WAS THE NORTHWESTERN REGION WITH 122 TRACKS REPORTED. THE PIEN KAYE RADAR STATION, REPORTED 47 TRACKS, WHICH IS THE HIGHEST TOTAL OF RAIDS REPORTED BY THIS SITE SINCE 27 NOVEMBER WHEN 54 TRACKS WERE REPORTED. THE NORTHEASTERN AREA WAS THE LEAST ACTIVE AREA IN THE DRV WITH 101 TRACKS REPORTED. THE KEP HA AREA RADAR STATION WAS THIS AREA'S MOST ACTIVE SITE WITH 34 TRACKS REPORTED. COMINT INDICATES THAT ALL TRACKING BY THIS STATION WAS PROBABLY PERFORMED [REDACTED] COMINT ALSO INDICATED THAT THE MAJORITY OF TRACKING NOTED IN THE DRV ON THIS DATE WAS PROBABLY PERFORMED [REDACTED]

[REDACTED] SIGINT REFLECTED [REDACTED] ACTIVE WITH SEVEN OF THESE SUBORDINATED TO AN EARLY WARNING FUNCTION, WHILE THE REMAINING TWO PROBABLY PERFORM A TARGET ACQUISITION FUNCTION. SINCE 13 NOVEMBER, THE PHUC YEN RADAR STATION HAS NOT BEEN NOTED PASSING TRACKING DATA [REDACTED]

[REDACTED] SINCE 13 NOVEMBER, THE [REDACTED]

[REDACTED] AT PHUC YEN HAS BEEN [REDACTED] WHILE THE [REDACTED] AT THIS SITE HAS BEEN [REDACTED]

2. COMINT REFLECTED 16 ACTIVE SAM SITES IN THE [REDACTED]

CENTRAL AND EAST CENTRAL DRV. FOUR OF THESE WERE ACTIVE IN THE VICINITY OF HAIPHONG AND ONE 13 NAUTICAL MILES NORTHEAST OF HAIPHONG, ALL OF WHICH ARE SUBORDINATED TO THE 234TH REGIMENT. THERE WERE EIGHT SAM SITES REFLECTED ACTIVE WHICH ARE BELIEVED TO BE SUBORDINATE TO THE 238TH SAM REGIMENT, PROBABLY LOCATED IN THE GENERAL PHU LANG THOUNG AREA. THREE OF THESE SAM SITES WERE REFLECTED IN THE HANOI AREA, ONE OF WHICH CORRELATES TO A NEW SITE (V1441), TWO IN THE BAC GIANG AREA, ONE 34 NAUTICAL MILES SOUTHWEST OF THANH HUA, ONE TEN NAUTICAL MILES NORTHEAST OF HUNG YEN, AND ONE NINE NAUTICAL MILES SOUTHWEST OF KEP HA. THERE WERE ALSO TWO ACTIVE SAM SITES REFLECTED IN THE PHUC NHAC AREA, AND A NEW SITE (V1442) TWELVE NAUTICAL MILES SOUTHWEST OF PHUC NHAC. [REDACTED]
ELINT IMPACTS WERE OBTAINED ON FOUR SAM SITE [REDACTED]

[REDACTED]
[REDACTED] ELINT
IMPACTS WERE OBTAINED [REDACTED]
[REDACTED]
[REDACTED] SINGLE ELINT IMPACT WAS OBTAINED [REDACTED]
[REDACTED]

3. DRV MIG PREFLIGHTS FOR 14 DECEMBER WERE BELOW NORMAL WITH 100 SORTIES SCHEDULED FOR KEP, EIGHT FOR PHUC YEN, AND FOUR FOR HANOI GIA LAM. ACTIVITY WAS SCHEDULED OVER NORMAL COURSE TRAINING AREAS DURING DAYLIGHT HOURS. THE ACTUAL NUMBER OF SORTIES FLOWN WAS ALSO BELOW NORMAL WITH 15 STAGING FROM PHUC YEN, FOUR FROM KEP AND TWO FROM HANOI GIA LAM. MIG ACTIVITY OCCURRED FROM 13/2343 TO 14/1000Z, AND CONSISTED OF AIR ENGAGEMENTS, NAVIGATIONAL TRAINING FLIGHTS, DEFENSIVE PATROLS, AND INTER-AIRFIELD FLIGHTS.

BETWEEN 0800 AND 0820Z, DRV TACTICAL VOICE AND AIR SURVEILLANCE FACILITIES REFLECTED A PROBABLE AIR ENGAGEMENT BETWEEN FOUR PHUC YEN BASED PROBABLE MIG-21'S AND AN UNKNOWN NUMBER OF HOSTILE AIRCRAFT, WHICH RESULTED IN THE DESTRUCTION OF ONE HOSTILE BY A PROBABLE AAM. DURING THIS TIME PERIOD, OPERATIONAL REPORTS REFLECTED AN ENGAGEMENT BETWEEN A FLIGHT OF FOUR F-105'S (FOSDICK 1-4) AND MIG 21'S WEST OF PHUC YEN, WHICH RESULTED IN THE LOSS OF FOSDICK-3 TO AN AAM.

DURING THIS TIME PERIOD OPERATIONAL REPORTS REFLECTED MIG ENCOUNTERS/ENGAGEMENTS BETWEEN FOUR FLIGHTS OF FOUR F-105'S (FOSDICK 1-4, STINGER 1-4, TAMPA 1-4, AND BOBCAT 1-4).

FOSDICK FLIGHT WAS ENGRESSING FROM THE TARGET AREA AT AN ALTITUDE OF 6000 TO 8000 FEET. IN THE VICINITY OF 2347N 10508E, TWO MIG-21'S DOVE ON THE FLIGHT FROM THE F-105'S SIX O'CLOCK POSITION. ONE MIG ATTACKED FOSDICK LEAD AND THE OTHER FOSDICK-3. ONE MIG FIRED AN AAM, HITTING

FRSDICK-3, AND IMMEDIATELY DEPARTED THE AREA.
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