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~~TOP SECRET UMBRA~~ TRINE SECTION ONE OF THREE 3/06/VCK-E/R11-66 PRELIMINARY AIR ACTIVITY REPORT INFORMATION CONTAINED HEREIN REPRESENTS PRELIMINARY ANALYSIS OF SIGINT AVAILABLE TO USJ-794 AS OF 051200Z NOVEMBER 1966. SECTION ONE - SUMMARY OF DRV AIR DEFENSE AND FLIGHT ACTIVITY FOR 4 NOVEMBER 1966. DRV AIR SURVEILLANCE AND TACTICAL VOICE FACILITIES REFLECTED AN UNSUCCESSFUL ATTEMPT TO INTERCEPT THE BLUE SPRINGS DRONE NORTHEAST OF HANOI NEAR THE DRV/CHICOM BORDER AND SUBSEQUENTLY OVER THE GULF OF TONKIN IN PROXIMITY TO THE DRV LAND MASS. DRV MULTICHANNEL COMMUNICATIONS REFLECTED THE REPORTED DESTRUCTION OF ONE RF-101, BY AN UNIDENTIFIED SAM SITE, 20 TO 25 NAUTICAL MILES SOUTH- WEST OF HANOI. ON RF-101 WAS LOST, IN THE VICINITY OF THE REPORTED SHOOTDOWN, TO UNKNOWN CAUSES. U.S. PILOTS REPORTED SIGHTING 20 TO 22 MISSILES ON THIS DATE WHICH IS THE HIGHEST TOTAL SINCE 4 SEPTEMBER WHEN 18, POSSIBLY 20 MISSILES WERE OBSERVED. A TOTAL OF 19 DRV MIG SORTIES WERE FLOWN, WITH THE MAJORITY OF SORTIES INVOLVED IN EITHER DEFENSIVE PATROLS OR NAVIGATIONAL TRAINING. INTERCEPT OF DRV AIR SURVEILLANCE FACILITIES REFLECTED 349 TRACKS. THERE WERE A TOTAL OF 32 DRV EARLY WARNING RADAR STATIONS ACTIVE USING AN ABOVE NORMAL TOTAL OF 54 INDIVIDUAL RADARS. OF THIS TOTAL, 24 WERE KNIFE REST-B AND 11 WERE SPOON REST-A RADARS.

SECTION TWO -

DRV SAM REGIMENTAL CONTROLLER REPORTS THE SHOOTDOWN OF ONE RF-101 ON 4 NOVEMBER. BETWEEN 0826 AND 0828Z, DRV MULTICHANNEL COMMUNICATIONS REFLECTED A CONVERSATION BETWEEN THE PHUC YEN SAREGIMENTAL CONTROLLER AND A SA BATTALION LOCATED AT 2111N 10530E (V1407) IN WHICH THE PHUC YEN CONTROLLER STATED THAT ANOTHER SAM BATTALION, WHICH WAS NOT SPECIFIED, HAD DESTROYED ONE RF-101 AIRCRAFT IN QUADRANT 64 (AN AREA APPROXIMATELY 20 TO 25 NAUTICAL MILES SOUTHWEST OF HANOI). THERE WERE NO REFERENCES TO THE TIME OF THE MISSILE LAUNCHED(S) AND NO OTHER LAUNCH INFORMATION WAS REPORTED. BETWEEN 0817 AND 0834Z, DRV AIR SURVEILLANCE FACILITIES REFLECTED A HOSTILE RAID (169), WHICH WAS TRACKED IN THE GENERAL VICINITY OF THE REPORTED SAM SHOOTDOWN. AT 0828Z THIS RAID WAS IDENTIFIED AS TWO AIRCRAFT AND AT 0829Z REIDENTIFIED AS ONE AIRCRAFT. ANALYSIS OF THIS TRACKING INDICATES THAT THIS RAID DOES NOT CORRELATE TO THE REPORTED SHOOTDOWN. (REFERENCE USA-32 SPOT REPORT 2/413/VCK/R496-66, DTG 040844Z NOV 66 AND FOLLOW-UPS THERETO). OPERATIONAL REPORTS CONFIRM THE LOSS OF ONE RF-101 (ELGIN 1), TO UNKNOWN CAUSES, IN THE VICINITY OF BAO THON AT APPROXIMATELY 0814Z. ELGIN 1'S WINGMAN REPORTED THAT JUST PRIOR TO THIS THE FLIGHT SIGHTED TWO SAMs. U.S. PILOTS REPORTED SIGHTING 20, POSSIBLY 22 SAMs ON 4 NOVEMBER. OF THESE, 12, POSSIBLY 14, WERE OBSERVED BETWEEN 0741 AND 0749Z, WITH THE MAJORITY OF THESE SIGHTINGS IN AN AREA 20 TO 30 NAUTICAL MILES NORTHWEST AND NORTH OF HAIPHONG. THIS WAS THE HIGHEST NUMBER OF MISSILE SIGHTINGS FOR A SINGLE DAY SINCE 4 SEPTEMBER WHEN 18, POSSIBLY 20, MISSILES WERE REPORTED BY U.S. PILOTS. SECTION THREE - PHUC YEN MIG-21'S REACT TO THE BLUE SPRINGS DRONE. BETWEEN 0719 AND 0812Z, DRV AIR SURVEILLANCE AND TACTICAL VOICE FACILITIES REFLECTED TWO PHUC

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YEN BASED MIG-21'S IN REACTION TO THE BLUE SPRINGS DRONE. AT 0719Z, DRV AIR SURVEILLANCE FACILITIES INITIALLY REFLECTED THE DRONE NEAR THE DRV/LAOS BORDER, APPROXIMATELY 51 NAUTICAL MILES SOUTHWEST OF HOA BINH, ON A NORTHEASTERLY HEADING. AT 0730Z, THE DRONE, STILL FLYING NORTHEAST WAS TRACKED OVER HANOI BAC MAI AIRFIELD AND AT 0734Z THE DRONE WAS APPROXIMATELY 12 NAUTICAL MILES NORTHEAST OF BAC GIANG. AT THIS TIME DRV TACTICAL VOICE FACILITIES REFLECTED TWO MIG-21'S AIRBORNE, UNDER THE DIRECTION OF THE PHUCYEN AIRFIELD CONTROLLER. AT 0737Z, THE PHUC YEN GCI CONTROLLER REPORTED THE DRONES'S ALTITUDE AS 55,770 FEET AND DRV AIR SURVEILLANCE TRACKING PLACED THE DRONE AT A POINT SIX NAUTICAL MILES NORTHEAST OF KEP HA, STILL ON A NORTHEASTERLY HEADING. AT 0738Z, ONE OF THE MIG-21'S HAD ATTAINED A SPEED OF MACH 1.7. THE SECOND MIG-21 WAS INFORMED AT THIS TIME, BY THE PHUC YEN CONTROLLER, TO WORK WITH THE DRV SENIOR GCI CONTROLLER. THE SENIOR GCI CONTROLLER ORDERED THIS MIG-21 TO RECOVER AND THEN TOLD HIM TO WORK WITH THE PHUC YEN TOWER OPERATOR. THIS MIG REMAINED IN ORBIT OVER PHUC YEN, WHILE THE OTHER MIG ATTEMPTED TO INTERCEPT THE DRONE. THE OTHER MIG-21 CONTINUED TO RECEIVE VECTORING INSTRUCTIONS FROM THE PHUC YEN GCI CONTROLLER AND AT 0740Z HE INFORMED THE PILOT THAT THE DRONE WAS 375 NAUTICAL MILES TO HIS FRONT AT AN ALTITUDE OF 55,770 FEET. AT 0741Z, THE MIG-21'S ALTITUDE HAD INCREASED TO 39,370 FEET AND THE DISTANCE TO THE DRONE HAD DECREASED TO 32.5 NAUTICAL MILES. AT THIS TIME DRV AIR SURVEILLANCE FACILITIES BEGAN TRACKING THE REACTING MIG WITH AN INITIAL REFLECTION AT A POINT THREE NAUTICAL MILES SOUTHEAST OF LANG SON ON A DUE EAST HEADING. MEANWHILE, TRACKING REFLECTED THE DRONE TURNING SOUTHEAST AT A POINT 12 NAUTICAL MILES EAST OF LANG SON. 900 HHHH