PAGE 2 9UTHUN 4 S E C R E T
AVAILABLE INFORMATION ON WEAPONS AND RADIOLOGICAL ASPECTS OF THIS ACCT FROM OCCURRENCE. FUTURE SUP REPTS WILL BE DESIGNATED "ADVCN". ADDRESSEES REQUIRED BY ATCHM'T 4, AFR 127-4 WERE USED. F OFFICIAL USE ONLY.
A. 17 JAN 66. 0923Z, VILLAGE OF PALOMARES, SPAIN 160 DEGREES TRUE AT 216N MILES FROM TORREJON AB.
B. FOUR, MK28Y1, MOD 2 WAR RESERVE NUCLEAR BOMBS. NO. 1. SER NO. 54327; NO. 2 SER NO. 33#48; NO. 3, SER NO. 434379 AND NO 4, SER NO. 45345. WEAPONS WILL BE REFERED TO AS NO. 1,2,3, OR 4 IN THIS AND FUTURE REPORTS. NONE OF THE WEAPONS PRODUCED A NUCLEAR DETONATION. NO. 1 FOUND APPROX 200 YARDS ON SHORE IN A TRUCK GARDENING AREA. NO HABITATION IN IMMEDIATE VICINITY. MONITORING WITH P/ 1S AND T-29 REVEALED NO CONTAMINATION. A/S SW INDICATED SAFE. LOADING LUGS WERE STILL ENGAGED IN MB-3 RACK. TAIL CLOSING PLATE HAD TORN AWAY FROM THE CASE. 16 AND ONE HALF FOOT RIBBON DROGUE CHUTE HAD DEPLOYED. RING AT END OF CASE HAD NOT BEEN PULLED AWAY. BOMB NOSE DEPRESSED INWARD FROM IMPACT. THREE OF FOUR BOMB FINS WERE TORN AWAY AND ARE MISSING THE 3 FINS AND TAIL PLATE HAVE NOT BEEN RECOVERED. WEAPON WAS RENDERED SAFE. WPN AND PARCHUTE ASSEMBLIES WERE SEPARATED AND INDIVIDUALLY LIFTED BY HELICOPTER INTO TRANSPORT TRUCK.

AFINS 660193.

UNCLASSIFIED

PAGE 3 RUTHON 4 S E C R E T

NO 2 WEAPON WAS FOUND IN ISOLATED UNINHABITED HILL APPROX ONE MILE WEST OF VILLAG OF PALOMARES. AREA IS ROCKY AND SUPPORTS NO VEGETATION. A LOW ORDER HIGH DETONATION OCCURRED.

DOE b(3)

VENTING OF T-BOTTLE COULD NOT BE ASCERTAINED. AFTERBODY AND PARA-PACK HAD BEEN BLOWN ABOUT 100 YARDS AWAY. NOF HAD FUNCTIONED. 16 AND ONE HALF FEET RIBBON DROGUE CHUTE HAD SPILLED OUT. MAIN CHUTE WAS OUT MKRUPTERED. CASE OUT WAS STILL IN CHUTE COVER. WPN CASE FRAGMENTS WERE FOUND WITHIN 100 YARDS OF CRATER IN ALL DIRECTIONS.

NO. 3 WEAPON FOUND IN VEGETABLE GARDEN WITHIN VILLAGE OF PALOMARES APPROX 2 MILES NORTHWEST OF NO. 1.

DOE b(3)

HE RECOVERED IN SMALL CHUNKS AND DESTROYED LOCALLY. AFTERBODY FAILY INTACT BUT DENTED BY IMPACT AND DETONATION. 16 AND ONE HALF FT RIBBON DROGUE CHUTE DEPLOYED. WPN CASE AND INTERNAL WPN PARTS BADLY BROKEN UP AND MANGLED

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PAGE 4 RUTHAN 4 S E C R E T
BY IMPACT AND DETONATION. [redacted]

DOE
b(3)

FOUND ABOUT 1500 FT FROM IMPACT. MAIN CHUTE INTACT
REMAINED INSIDE AFTERBODY.
[illegible] 4 WEAPON HAS NOT BEEN FOUND. REAR COVER PLATE WITH MDF INTACT WAS
RECOVERED. IT APPEARED TO HAVE BEEN UNIFORMILY PUSHED AWAY FROM WEAPON.
INTENSIVE SEARCH CONTINUES FOR WPN BY NAVY EOD DIVERS AND USAF PERSONNEL.
C. KC-135, 61-0273 AND B-52G, 58-256.
D. 68BR, SEYMOUR JOHNSON AFB, N.C., HQ BAF, SAC.
E. IN-FLIGHT REFUELING OF CHROMEDOME B-52 BY KC-135 AT 31,000 FT
ALTITUDE, SADDLE ROCK AIR REFUELING AREA, SPAIN 3714N/0147W.
F. DURING A RENDEZVOUS THE B-52 WAS CLOSING FOR REFUELING WITH THE TANKER
AND A MID-AIR COLLISION OCCURRED. BOTH AIRCRAFT CRASHED. ALL FOUR WEAPONS
LEFT THE BOMB BAY. THREE WEAPONS WERE FOUND IN CONDITION
INDICATED ABOVE. ALL BUT A FEW OF THE WEAPON PARTS RECOVERED WERE PLACED
IN TEMPORARY PACKAGES AND TAKEN TO TORREJON AB. ITEMS ARE BEING REPACKED
UNDER CONTROLLED CONDITIONS. DECONTAMINATION WILL BE EFFECTED TO INSURE
OUTSIDE CONTAINERS HAVE NO RADIATION COUNT. AEC PERSONNEL ARE ASSISTING
AND ALL ITEMS WILL BE AIRLIFTED TO THE ZI. ALPHA
CONTAMINATION EXISTS IN IMMEDIATE AND ADJACENT AREAS WHERE NO. 2 AND