## PROJECT 10073 RECORD CARD

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|---|---|---|---|
| **1. DATE**<br>2 December 1954 | **2. LOCATION**<br>Spanish Morroco | | **12. CONCLUSIONS**<br>☐ Was Balloon<br>☐ Probably Balloon<br>☒ Possibly Balloon<br>☐ Was Aircraft<br>☐ Probably Aircraft<br>☐ Possibly Aircraft<br>☐ Was Astronomical<br>☐ Probably Astronomical<br>☐ Possibly Astronomical<br>☐ Other_____<br>☐ Insufficient Data for Evaluation<br>☐ Unknown |
| **3. DATE-TIME GROUP**<br>Local 02/1410 - 1509Z<br>GMT 02/0835Z - 0950Z | **4. TYPE OF OBSERVATION**<br>☐ Ground-Visual ☒ Ground-Radar<br>☐ Air-Visual ☐ Air-Intercept Radar | | |
| **5. PHOTOS**<br>☐ Yes<br>☒ No | **6. SOURCE**<br>Military | | |
| **7. LENGTH OF OBSERVATION**<br>1 - 59 Minutes<br>2 - 1 hr - 16 min | **8. NUMBER OF OBJECTS**<br>1 | **9. COURSE**<br>S | |
| **10. BRIEF SUMMARY OF SIGHTING**<br>Slow go speed, high altitude. Movement with wind. | | **11. COMMENTS**<br>Possible balloon | |

ATIC FORM 329 (REV 26 SEP 52)

IN [redacted]

-6 DEC 1954 10 44 Z · ...RAPHRASE NOT REQUIRED. SEE CRYPTO-CENTER BEFORE DECLASSIFYING

UNCLASSIFIED

ACTION

6 Actn
3 Actn
1 File

NBR 7086 04 DEC 54
NO UNCL REPLY OR REF IF THIS DTG IS QUOTED
C-1 [redacted] PRIORITY
FM COMAIR ADIV/DEF/ 315 RABAT SALE FR MOR 021650Z
TO COMDR ADC ENT AFB COLO
COMDR ATIC WPAFB OHIO
DIR OF INTEL HDQS USAF
INFO CINCUSAFE WIESBADEN GER
COMDR AF 17 RABAT FR MOR

DOWNGRADED AT 3 YEAR INTERVALS; DECLASSIFIED AFTER 12 YEARS. DOD DIR 5200.10

315 DOI 12-493.
UFOB 1. DESCRIPTION OF THE OBJECT: A THRU I NEG. D 2. DESCRIPTION OF COURSE OF OBJECT: A. LOW GND SPEED/HIGH ALT. B. 33 DEGREES 7 MIN/ 025 DEGREES. C. 2 DEGREES 11 SECONDS/210 DEGREES. D. OBJECT DETECTED IS AT KAF555(SPANISH MOR) (1413Z) MAKING LANDFALL OVER SPANISH MOR COAXT 5 MILES WEST OF CUETA. MOVING APRX 215 DEGREES TRUE COURSE AT 31000 FT MSL, 90 KNOTS. OBJECT CLIMBED TO 58000 FT MSL IN 17 MIN, DECREASING GND SPEED TO 60 KNOTS AT 58000 FT MSL AT 1425: AT ~~30000~~ FT MSL THE GND SPEED DECREASED TO 10 KNOT, TRUE COURSE CHANGED TO 17 DEGREES AT KF 2835 AT 1433Z; AT 60000 FT MSL GND SPEED INCREASED TO 20 KNOTS AT 1435Z AT KF 2934, OTHER FACTORS REMAINED SAME AT 1436Z THE GND SPEED INCREASED TO 45 KNOTS AND TRUE COURSE CHANGED TO 155 DEGREES, POSITION KF 3029 AT 1442Z THE OBJECT WAS OBSERVED AT 60000 FEET MSL AND THEN DESCENDED RAPIDLY TO 38000 FT IN 2 MIN, GND SPEED 120 KNOTS. AT 1454Z CHANGED COURSE TO 185 DEGREES TRUE COURSE, POSITION KF 2118.AT 1457Z, THE OBJECT DESCENDED TO 22000 FT MSL AND REDUCED GND SPEED TO 45 KNOTS. AT 1507Z POSITION WAS KF 1507, OTHER FACTORS SAME. OBJECT DESCENDED RAPIDLY TO 6000 FT AND FADED AT 1509Z. E. RADAR FADE.

PAGE TWO
F. 59 MINS. 3. MANNER OF OBSERVATION: A. GND ELECTRONIC (MPS-7 AND TPS-10D). B. NOT APPL. C. NOT APPL. 4. TIME AND DATE OF SIGHTING: A. 021410Z TO 021509Z. B. DAY. 5. LOCATIONS OF OBSERVER; KE 2237. 6. IDENTITY OF OBSERVER: A. GEORGE C DYER, 2ND LT, 735 ACW SQDN, SENIOR DIRECTOR, HIGHLY RELIABLE. B. STANLEY D HAMMEN, 2ND LT, 735 ACW SQDN, DIRECTOR, RELIABILITY UNKNOWN. 7. WEATHER AND WINDS ALOFT CONDITIONS: A. CAVU. B. WIND DIRECTION AND VELOCITY FM SIDI SLIMANE: SURFACE, 245-4. 6000, 210-29. 10000, 020-34. 16000, 010-55. 20000, 010-85. 30000, NEG. 50000, NEG. 80000, NEG. C. NONE. D. 10 MILES. E. 2/5 AT 3000 FT. F. NONE. G. OTHER UNUSUAL ACTIVITY: NONE. 9. INTCP ACTION TAKEN: 2F86F FTRS DIRECTED TO INTCP BUT NO JOY. 10. LOCATION OF OTHER TRAFFIC: 1R5B20 MILES NORTHWEST. 11. POSITION AND COMMENTS OF PREPARING OFF: W WITH INTEL OFF; RESEARCH MADE FOR POSSIBLE WEA BALLOON LAUNCHINGS WITH NEG RESULTS ; UNABLE TO CONTACT GIBRALTAR. OBJECT BEHAVED IN MANNER SIMILAR TO UFOB REPT 316 DOI 12-492. THIS DDTE. 12. NOT APPL [redacted]
24/1748Z DEC.

UNCLASSIFIED

THE OBJECT FADED AT KE 1453, TRUE COURSE 195 DEGS. (THROUGH THE COURSE OF LATERAL MOVEMENT THE OBJECT SOME TIMES SEEMED TO MOVE SLIGHTLY EAST AND WEST OF A DIRECT TRUE COURSE OF 195 DEGS). E. RADAR FADE. F 1 HR AND 16 MINS. 3. MANNER OF OBERSVATION: A. GND ELECTRONIC (MPS-7 AND TPS-10D). B. NOT APPL. C. NEG. 4. TIME AND DATE OF SIGHTING: A. 020835Z TO 020950Z. B. DAY. 5. LOCATION OF OBSERVER: KE 0237. 6. IDENTIFICATION OF OBERVERS, A. GEORGE C DYER, 2ND LT, 735 ACE SQDN, SENIOR DIRECTOR, HIGHLY RELIABLE. B. [redacted] 2ND LT, 737 ACW SQDN, DIRECTOR, RELIABILITY UNK. 7. WEA AND WINDS ALOFT: A. CAVU. B. WIND DIRECTION AND VELOCITY AT SIDI SLIMANE AB. SURFACE, 180-6. 6000 FT, 330-25. 10000 FT, 360-40. 16000 FT, 010-55. 20000 FT, 020-65. 30000 FT, 350-65. 50000 FT, NEG. 80000 FT, NEG. C. NONE. D. 10 MILES. E. 2/10. F. NONE. 8. UNUSUAL CONDITIONS: NONE. 9. INTCP ACT TAKEN: 2F86F ACFT SCRAMBLED AND VECTORED TO INTCP; NO JOY. 10. OTHER TRAFFIC: 1 ACFT 2 MILES NORTH; 1 ACFT 40 MILES NORTH. 11. TITLE AND COMMENTS OF PREPARING OFF: DIV INTEL OFF; INVESTIGATION INCLUDED RESEARCH OF ACFT MOVEMENTS WITH CASABLANCA ATC AND POSSIBLE LAUNCHING OF METEROLOGICAL BALLONS IN AREA RESULTING IN NEG INFO, NO INFO AVAL FROM GIBRALTAR OR TANGIER. ESTIMATE THE POSSIBILITY OF WEA BALLOON FM GIBRALTAR. 12. NOT APPL

04/18547

DOWNGRADED AT 3 YEAR INT[redacted]
DECLASSIFIED AFTER 12 Y[redacted]
DOD DIR 5200.10

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2 Dec 54

IN [redacted] UNCLASSIFIED

02/0853Z sph

1 Atch
2 Atch-2
3 Atch-2
4 file

-5 DEC 1954 10 43 PARAPHRASE NOT REQUIRED SEE CRYPTO-CENTER BEFORE DECLASSIFYING

PARAPHRASE NOT REQUIRED SEE CRYPTO-CENTER BEFORE DECLASSIFYING

NBR 7281 24 DEC 54

DOWNGRADED AT 3 YEAR INTERVALS; DECLASSIFIED AFTER 12 YEARS. DOD DIR 5200.10

NO UNCL REPLY OR REF IF THE DTG IS QUOTED

C-1 CONFIDENTIAL PRIORITY

FM COMDR ADIV DEF 316 RABAT SALE FR MOR 021643Z

TO COMDR ADC ENT AFB COLO

COMDR ATIC WPAFB OHIO

DIR OF INTEL HDQS USAF

INFO CINCUSAFE WIESBADEN GER

TO COMDR AF 17 RABAT FR MOR

ACTION

316 DOI 12-492 UFOB.

1. DESCRIPTION OF THE OBJECT: A THRU I NEG. 2. DESCRIPTION OF COURSE OF OBJECT: A. SLOW GND SPEED AND HIGH ALT. B. 40 DEG 58 SECOND /015 DEGREES TRUE. C. 2 DEG 17 MIN/ 015 DEG TRUE. D. DETECTED AT KF 3550 (SPANISH MOR) APRX 20 NM SSW OF GIBRALTAR, 19 NM ENE OF TANGIER AND 8-1/2 NM SW OF CEUTA, ALT 34000 FT MSL, GND SPEED, 130 KNOTS, MOVING ON A TRUE COURSE OF 195 DEG AT 0834Z. 4 MIN LATER THE OBJECT WAS NOTED AT 39000 FT MSL AND CONT CLIMBING AT 14000 FT PER MIN AT 47000 FT MSL WITH A GND SPEED OF 90 KNOTS, AT WHICH TIME THE OBJECT ACCELERATED RATE OF CLIMB TO 3000 FT PER MIN TO 56000 FT MSL AT 0902Z. THE OBJECT PASSED OUT OF RADAR SURVEILLANCE AT 56000 FT, 7 MILES WEST OF TETUAN AND WAS AGAIN DETECTED DESCENDING AT 0914Z, 10 MILES SOUTH OF PT LAST OBSERVED AT 40000 FT, GND SPEED 90 KNOTS. THE OBJECT CONT TO DESCEND AT 800 TO 1000 FT PER MIN AT 90 KNOTS UNTIL REACHING 20000 FT, THE TRUE COURSE REMAINING 195 DEGS. AT 20000 FT THE GND SPEED INCREASED TO 120 KNOTS AND AT 17000 FT THE GND SPEED CHANGED TO 20 KNOTS WHICH IT HELD FOR 12 MIN WHILE DESCENDING TO 4000 FT, TRUE COURSE REMAINING 195 DEGS. AT 4000 FT THE GND SPEED AGAIN DECELERATED TO 20 KNOTS AND

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DECEMBER 1954 SIGHTINGS

| DATE | LOCATION | OBSERVER | EVALUATION |
|---|---|---|---|
| 1954 | Porto Alegre, Brazil | Military | Insufficient Data |
| 1 | Hamilton, Alabama | Green | Other (ECCENTRIC) |
| 1 | Long Beach, California | Dean | Insufficient Data |
| 2 | Spanish Morroco | Military (RADAR) | Balloon |
| 3 | Gulfport, Mississippi | Mellen | UNIDENTIFIED |
| 5 | Northeast, Pennsylvania | Dawson | Other (PROB MIRAGE) |
| 5 | Palm Beach, Florida | Maggiore | Astro (METEOR) |
| 6 | Madison, Virginia | Holliday | Insufficient Data |
| 7 | Cape Province, South Africa (CASE MISSING) | Civilian | UNIDENTIFIED |
| 7 | Edenton, North Carolina | Military | Balloon |
| 8 | Banning, California | Military | Aircraft |
| 9 | Palm Beach, Florida | Webb | Aircraft |
| 12 | 70.00N 156.20W Alaska | Military | Astro (STARS/PLANETS) |
| 12 | Dallas, Texas | Multi Civilian | Astro (METEOR) |
| 13 | Pyongtaek, Korea (CASE MISSING) | Military | Astro (METEOR) |
| 13 | Salt Lake City, Utah | Mil & Civ | Astro (METEOR) |
| 17 | Frenchman's Bajou, Arkansas | Speck | Other (SPON COMBUSTION) |
| 17,19,20 | Burlison, Texas | McDowell | Aircraft |
| 18 | Foster AFB, Texas | Civ & Mil | Balloon |
| 19 | University City, Missouri | Brown | Astro (METEOR) |
| 20 | Long Beach, California | Terester | Insufficient Data |
| 21 | La Habra, California(CASE MISSING) | Civilian | Balloon |
| 22 | Dairy, Oregon | Civilian | Insufficient Data |
| 24 | Nogales, Arizona | Military (Vis & Radar) | 1. Astro (STARS/PLANETS)<br>2. Radar Inversion Effects |
| 27 | Baltimore, Maryland | Schmitt | Astro (REGULUS) |
| 27 | Long Beach, California | Heddy | Balloon |
| 28 | Witchita, Kansas | Wasmuth | Aircraft |
| 29 | Lexington, Wachusett, Massachusetts | Civilian (Multi) | Balloon |
| 29 | Houston, Texas | Watsky | Astro (METEOR) |

ADDITIONAL REPORTED SIGHTINGS (NOT CASES)

| DATE | LOCATION | SOURCE | EVALUATION |
|---|---|---|---|
| 1954 | Lake Trasimeno, Umbria | | Balloons |
| 13 | Waukegan, Illinois (Newspaper Clipping)... | Dellamorte | |
| 20 | Campinas, Brazil | | |
| 21 | Panama | | |
| 27 | Bronx, New York | | |

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