PROJECT 10073 RECORD CARD

1. DATE: 27 February 1957	2. LOCATION: Castle AFB, California	12. CONCLUSIONS ☐ Was Balloon ☐ Probably Balloon ☐ Possibly Balloon ☐ Was Aircraft ☐ Probably Aircraft ☐ Possibly Aircraft ☐ Was Astronomical ☐ Probably Astronomical ☐ Possibly Astronomical ☒ Other: Prob anamolous propogation ☐ Insufficient Data for Evaluation ☐ Unknown
3. DATE-TIME GROUP Local: _____ GMT: 28/0545Z	4. TYPE OF OBSERVATION ☐ Ground-Visual ☒ Ground-Radar ☐ Air-Visual ☐ Air-Intercept Radar	
5. PHOTOS ☐ Yes ☒ No	6. SOURCE: Military	
7. LENGTH OF OBSERVATION: 24 seconds	8. NUMBER OF OBJECTS: nine	9. COURSE: straight

10. BRIEF SUMMARY OF SIGHTING

Nine "S" shaped objects seen on ground radar. Objects were seen traveling at approximately 6,000 MPH for 24 seconds.

11. COMMENTS

Concur with comments of Rpting Officer that sighting was probably caused by atmospheric conditions.

ATIC FORM 329 (REV 26 SEP 52)

B. NIGHT.;

FK5. EUWPN/!12034W - BASE OPERATIONS, CASTLE AFB CALIFJM

6.

A.N/A.

B. HINGER, ANDREW, A/2C, 2035TH AACS, DUTY, APPROACH CONTROL,;

B-2.

PETERSON, DANIEL, A/1C, 2035TH AACS, DUTY, APPROACH CONTROL,

B-2.

BRACKEN, RUSSELL H., A/1C, 2035TH AACS,F DUTY, GCA OPERATOR,

B-2.

MUCCILLO, ROBERT, A/2C, 93D AREFS, DUTY, RADIO OPERATOR, B-2.!

7. WEATHER:;

A. N/A.

B.; SURFACE SOUTH/6K

6000/200/5K

10,000/190/6K

20,000/250/19K

30,000/260/42K

50,000/260/61F

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C. 25,000.

D.; TEN MILES.

E. HIGH THIN OVERCAST.

F.; N/A.

8. MR. [redacted], A TECHNICAL REPRESENTATIVE OF GILFILIAN AND BROTHERS INCORPORATED,; WHO SERVICE THESE RADAR SETS, HAD EXPERIENCED SUCH [illegible] ON RADAR SETS BEFORE. SAYING THEY POSSIBLY ARE CAUSED BY

FF ATMOSVPHERIC PHENOMENON. THERE ARE SEVERAL THEORIES ON THE CAUSES OF SUCH RADAR RETURNS, BUT ALL EVIDENTLY ARE YET UNPROVED. ONE OF THE RADAR OBSERVERS HAD EXPERIENCED THE SAME TYPE RETURNS WHILE WORKING AT A FAR NORTHERN AF BASE.

9. FAMOUS 14/1361/KC-97F WAS CONTACTED IMMEDIATELY IN THE LOCAL AREA. THE ONLY PERSON ABOARD OBSERVING ANY THING OUT OF THE ORDINARY WAS THE RADIO OPERATOR,; A/2C MUCCILLO, WHO, FROM THE RIGHT SCANNERS POSITION SAW WHAT HE BELIEVED TO BE SHOOTING STARS. A/2C MUCCILLO REPORTED SEEING APPROXIMATELY 8-10 OF THESE OBJECTS, BUT SAW NOTHING UNUSUAL THAT WOULD IDENTIFY THEM FROM OTHER "SHOOTING STARS" HE HAD OBSERVED THAT NIGHT AND ON OTHER FLIGHTS.

10. NO OTHER AIRCRAFT BESIDES FAMOUS 14.

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11. CHIEF/EVALUATION AND DISSEMINATION SECTION, INTELLIGENCE, 93FD BOMWG. THE OBSERVATIONS FROM FAMOUS 14 WHICH WAS IN THE PALMDALE AREA DOES GIVE EVIDENCE OF METEOR ACTIVITY, BUT THE COARSE OF THE SIGHTINGS ON THE SCOPE DOES NOT CORRESPOND SATISFACTORILY WITH THE OBSERVATION FROM FAMOUS QRM GCI WAS NOTIFIED, BUT COULD NOT PICK-UP THE "TARGET" ON ITS RADAR SET. ATMOSPHERIC PHENOMENON COULD POSSIBLY EXPLAIN THE RADAR RETURNS SEEX AND THE CONSIDERABLE SPEED WITH WHICH THEY WERE OBSERVED (APPROXIMATELY 6,000 MPH).;

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02/2111Z MAR RJWPJM

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RR RJEDEN RJEDWP RJEPHQ RJWPSB

DE RJWPJM 8Ø

R Ø217472

FM COMBOMWG 93 CASTLE AFB CALIF

TO RJEPHQ/DIR OF INTEL HQ USAF WASH D.C.;

RJEDEN

4'3$3,/COMDR ADC ENT AFB COLO

RJWPSB/COMADIV 28 HAMILTON AFB CALIF

RJEDWP/COMDR AIR TECH INTEL CTR WRIGHT-PATTERSON AFB OHIO

INFO RJEDMH/CINCSAC OFFUTT AFB NEBR

RJWPRH/COMAF 15 MARCH AFB CALIF

BT

/UNCLAS/DOI 7-7313/UFOB/IN COMPLIANCE WITH PARAGRAPH 7,

AFR 2ØØ-2, DATED 12 AUGUST 1954, THE FOLLOWING INFORMATION IS

SUBMITTED:

1. DESCRIPTION OF OBJECT:

   A. HORIZONTAL S-SHAPED RETURN ON RADAR SCOPE.

   B. SHARP RETURN. SIZE OF B-52 ON SCOPE.

   C. N/A.

   D. NINE.

   E. CAME BY SINGLY, EXCEPT FOR TWO, ONE CLOSELY FOLLOWING THE OTHER.

F. NONE.;

G. N/A.

H. N/!-.

I.; N/A

2. DESCRIPTION OF COARSE OF OBJECTS:

A.! SHARP RETURNS ON CPN 18 RADAR SET.

B-C. ALL "TARGETS"; WERE OBSERVED BETWEEN 285 DEGREES TO 290 DEGREES ON A HEADING OF 105 DEGREES ACROSS THE RADAR SCOPE TO THE CENTER,(OR STATION, WHERE THEY WERE LOST IN THE GROUND CLUTTER.

D. THE "; [redacted] WERE TRACED IN AN ALMOST STRAIGHT PATH TO THE CENTER OF THE SCOPE FROM BETWEEN 285 DEGREES AND 290 DEGREES.

E. LOST IN GROUND CLUTTER.

F.; WERE IN SIGHT 24 SECONDS, OR FOUR SWEEPS OF SIX SECONDS EACH.; AREA TRAVELED BY THE "TARGETS"(ON THE SCOPE WAS APPROXIMATELY 40 MILES.

3. MANNER OF OBSERVATION:

A. GROUD ELECTRONIC - CPN-18 A OBSERVED ON THREE SUCH SETS.

FFKKFF. N/A.

C. N/A.

4. TIME AND DATE OF SIGHTING:

A. 0545/28Z.