STATES - SHAFER - FUGE

PROJECT 10073 RECORD CARD

1. DATE	2. LOCATION	12. CONCLUSIONS
22 Jan 62	Kirksville, Missouri	☐ Was Balloon ☒ Probably Balloon ☐ Possibly Balloon
3. DATE-TIME GROUP Local 1245 GMT 22/1845Z	**4. TYPE OF OBSERVATION** ☐ Ground-Visual ☒ Ground-Radar ☐ Air-Visual ☐ Air-Intercept Radar	☐ Was Aircraft ☐ Probably Aircraft ☐ Possibly Aircraft
5. PHOTOS ☐ Yes ☒ No	**6. SOURCE** Military	☐ Was Astronomical ☐ Probably Astronomical ☐ Possibly Astronomical
7. LENGTH OF OBSERVATION	**8. NUMBER OF OBJECTS** / **9. COURSE**	☐ Other_____ ☐ Insufficient Data for Evaluation ☐ Unknown
1 hr 5 min	one / varied	

10. BRIEF SUMMARY OF SIGHTING

Object appeared on radar at 1/2 the size/or strength/of the normal a/c return. There was only one object and was measured at 72,000' and 65 miles. The object ascended to 80,000' then started a steady descent at 1500'/min with heading of 055° and speed of sprox 100 knots; when object reached 9000' height radar would no longer paint it. Duration of sighting 1 hr and 5 min. Object was observed on an FPS-6A (height finder).

11. COMMENTS

From the performance of the target and wind reports it appears that the most logical explanation for the target is that it was a weather balloon.

ATIC FORM 329 (REV 26 SEP 52)

UFO ANALYSIS SHEET

Location KIRKSVILLE, MO.

Date (Local) 22 JAN 1962 Hour (Local) 22/1248Z

Hour (Z Time Group) 22/1845

Satellite: (Det 5 ATIC, Ext 3279) ✓

Astronomical Phenomena (Meteor, Comet, Planet, etc) ✓

Radar Analysis (AFCIN-4E1) PROBABLY BALLON

Natural Phenomena (Ball Lightning, etc) ✓

Aircraft, Balloons, Airships, etc ✓

Other

Evaluation of Source Reliability PROBABLY GOOD.

Analysis and Conclusions: THE OBJECT APPEARED ON RADAR AT ½ THE SIZE/SE STRENGTH/OF THE NORMAL AIRCRAFT RETURN. THERE WAS ONLY ONE OBJECT AND WAS MEASURED AT 72,000' AND 65 MILES. THE OBJECT ASCENDED TO 80,000' THEN STARTED A STEADY DESCENT AT 1500'/MIN WITH HEADING OF 055° AND SPEED OF APPROXIMATELY 100 KNOTS. WHEN OBJECT REACHED 5000' HEIGHT RADAR WOULD NO LONGER PAINT IT. DURATION OF SIGHTING 1 HOUR AND 5 MINUTES. OBJECT WAS OBSERVED ON AN FPS-6A (HEIGHT FINDER)

E-1 ANALYSIS.—

FROM THE PERFORMANCE OF THE TARGET, AND WIND REPORTS, IT APPEARS THAT THE MOST LOGICAL EXPLANATION FOR THE TARGET IS THAT IT WAS A WEATHER BALLOON

G. (1) CLEAR

(2) 3000-100 AT 255000-300 AT 30; 10000-280 AT 60; 15000-250 AT 80; 20000-240 AT 95.

(3) CIELING 12000 OVERCAST

(4) VISIBILITY 15 PLUS

(5) 10/10

(6) NONE

(7) 11 DEGREES

H. NONE

I. NONE TAKEN TO OUR KNOWLEDGE.

J. UNKNOWN

K. EDWARD K. FUGE 1ST LT USAF ELECTRONICS OFFICER, NO LOGICAL EXPLANATION

L. NONE

SCP-4

BT

23/0114Z JAN RJEDAH

DOD DIR 5200.10

UNCLASSIFIED [redacted]

[redacted]

F T D

CZCNNA338ZCAHA921

PP RJEDNR

DE RJEDAH 2

P 222245Z

FM 790 RADRON KIRKSVILLE MO

TO RJWFAL/ADC ENT AFB COLO

ZEN/30 ADIV TRUAX FLD WISC

INFO RJEDNR/AIR TECH INTEL CENTER WPAFB OHIO

RJEZHQ/HQ USAF

RJEZHQ/SECRETARY OF AIR FORCE WASH DC

ZEN/CHICAGO ADS TRUAX FLD WIS

BT

[redacted] FROM 790-S-1-62. HQ USAF FOR AFCIN. SEC OF AF FOR SAFIS. UFO, IMMEDIATE ATTENTION REQUIRED, UFO REPORT IAW AFR 200-2.

A. (1) SHAPE UNKNOWN

(2) SIZE ONE HALF SIZE NORMAL A/C RETURN

(3) COLOR N/A

(4) NUMBER 1

(5) N/A

(6) N/A

(7) N/A

E(UFO)

Classification Cancelled

Director TDP

AFR 205-1, Par. 2-17a

[redacted]

(8) N/A

(9) NONE

B. (1) EXCEPTIONLY HIGH ALTITUDE (72,000 FEET)

(2) AZ 220 AT (72,000 FEET) 65 MILES

(3) AZ 055 AT 9,000 FEET 65 MILES

(4) OBJECT WHEN FIRST SIGHTED WAS AT 72,000 FEET AND WAS ASCENDING. IT REACHED A ALTITUDE OF 80,000 FEET AND THEN STARTED A STEADY DECENT OF APPROXIMATELY 1,500 FEET PER MINUTE WITH HEADING OF 055 DEGREES APPROXIMATE SPEED 100 KNOTS.

(5) UPON REACHING ALTITUDES OF 9,000 FEET HEIGHT RADAR WOULD NO LONGER PAINT OBJECT.

(6) 1 HOUR 5 MINUTES

C. (1) GROUND-ELECTRONIC FPS-6A (HEIGHT FINDER)

(2) N/A

(3) N/A

D. (1) 1845Z 22 JAN 62

(2) DAY

E. P-64 KIRKSVILLE AFS MISSOURI

F. (1) N/A

(2) ROBERT J. STATES A2C OPERATOR, ARTHUR E. SHAFER SSGT C.E.W. CHIEF, EDWARD K. FUGE 1ST LT CE OFFICER, ALL