1. DATE	2. LOCATION	12. CONCLUSIONS
17 Apr 64	Fallon AFS, Nevada	☐ Was Balloon ☐ Probably Balloon ☐ Possibly Balloon
3. DATE-TIME GROUP Local 17/1522Z GMT	4. TYPE OF OBSERVATION ☐ Ground-Visual XX ☐ Ground-Radar ☐ Air-Visual ☐ Air-Intercept Radar	☐ Was Aircraft ☐ Probably Aircraft ☐ Possibly Aircraft
5. PHOTOS ☐ Yes XX No	6. SOURCE Military	☐ Was Astronomical ☐ Probably Astronomical ☐ Possibly Astronomical
7. LENGTH OF OBSERVATION	8. NUMBER OF OBJECTS / 9. COURSE	XX Other radar inversion ☐ Insufficient Data for Evaluation ☐ Unknown
1 hr. 21 min.	two / Erratic	

10. BRIEF SUMMARY OF SIGHTING

Two blips size of pin-head in stacked formation with rapid changes in altitude. (hight) Observed at 122 deg azimuth, 60,000 feet alt. 145 mi. range. Disappeared at 120 deg azimuth. 54,000 ft. 145 mi range. Motion up and down. Flight to SE. I version in aria.

11. COMMENTS

Motion confined to same azimuth heading and approximate altitude and range. All indicating likely returns from inversion. Also possible reflection from ground target since inversion present.

ATIC FORM 329 (REV 26 SEP 52)

TDEW/TSgt Moody/69216

Request for Evaluation (Fallon AFS, Nevada, 17 Apr 64) 21 Aug 64

TDEED/Mr Bryant)

Request the evaluation of the attached UFO report by first indorsement.

HECTOR QUINTANILLA, Jr
Major, USAF
Chief, Aerial Phenomena Branch

1 Atch
Msg, 858 Radar Sq,
Fallon AFS, Nevada

HEADQUARTERS
FOREIGN TECHNOLOGY DIVISION
AIR FORCE SYSTEMS COMMAND
UNITED STATES AIR FORCE
WRIGHT-PATTERSON AIR FORCE BASE, OHIO

EVALUATION OF UFO REPORTED AT FALLON AFS, NEVADA

1. The length of time of the observation, coupled with the winds reported (50k at 50,000 ft) would make the possibility of a balloon seem unlikely, since the amount of lateral travel would be much greater than indicated. Equipment malfunction can reasonably be ruled out since the target was observed for a period of one hour and twenty-one minutes, this also makes propogation anomalies seem unlikely.

2. An extreme temperature inversion is a possible cause of the echoes, such a condition would show small lateral travel for the time observed. The rapid height changes reported could be accounted for by atmospheric fluctuations. This is possible when it is considered that the elevation angle of the antenna is low, less than 4^{o}, and the total altitude change is only 6000 ft (a change in elevation angle of milleradian)

3. Since the type of radar used is not given, its capabilities can not be determined.

G KALINYAK

YOU - THE NUCLEUS OF SECURITY!

Evaluation of UFO reported at [illegible]

1. The length of time of the observation, coupled with the winds reported (50 knots at 50,000 ft) would make the possibility of a balloon seem unlikely since the amount of lateral travel would be much greater than indicated. Equipment malfunction can reasonably be ruled out since this has been observed for a period of 1 hour [illegible] this makes [illegible] proposition [illegible]

2. [illegible] possible [illegible] which are [illegible] lateral travel for the time observed. The [illegible] [illegible] [illegible] [illegible] [illegible] than 4; and [illegible] ft. ([illegible]) [illegible] not going [illegible] be established.

17/1522Z

DEPARTMENT OF THE AIR FORCE
STAFF MESSAGE BRANCH
UNCLASSIFIED MESSAGE

INCOMING

AF IN: 56123 (17 Apr 64) R/fcr PG 1 of 3

ACTION: NIN-7

INFO : DIA-15, XOP-1, XOPX-4, SAF-OS-3 (31)
SMB A241

ZCZCHQA065ZCQJA129

PP RUEAHQ

DE RUWHBSM 2 17/1920Z

ZNR

P 171900Z

FM 858 RADAR SQ FALLON AFS NEV

TO RUWGALE/ADC ENT AFB COLO

RUWHSB/23 ADIV HAMILTON AFB CALIF

RUCDSQ/AFSC FOREIGN TECHNOLOGY DIV WRIGHT PATT AFB OHIO

RUEAHQ/HQS USAF WASH D C

RUEAHQ/SECRETARY OF AF WASH D C

BT

UNCLAS 858ODC 0254. USAF ATTN: AFCIN. SAF ATTN: SAFOI. THE FOLLOW

ING INFORMATION IS SUBMITTED FOLLOWING UFOB REPORT.

A. 1. BLIP

2. HEAD OF A PIN

3. UNK

4. 2 OBJECTS

5. STACKED

6. UNK

7# UNK

8. UNK

9. RAPID HEIGHT CHANGES

B. 1. HIGH ALTITUDE

2. 122DEG, 60,000 145 MI.

3. UNK 120 54,000 145 MI.

.4. UP AND DOWN

5. UNK INSTANT SE

6. UNK 1 HR. 21 MIN.

C. 1. GRND-ELEC.

2. UNK

3. UNK

D. 1. 17-1522Z

2. DAY

E. 39.25N 118.40W

F. 1. UNK

2# A2C EDWARD LOWE, RADAR OPERATOR: 858TH RADRON, FALLON AFS, NEVADA

G. 1. CALM, HIGH OVERCAST.

2. 6,000-200DEG 5K

10,000-200DEG 10K

16,000-230DEG 20K

20,000-220DEG 25K

30,000-240DEG 50K

50,000-240DEG 50K

80,000-270DEG 20K

3. CEILING-NO

4. VISIBILITY-15PLUS

5. AMOUNT OF CLOUD COVER-.4

6. NEG

7. UNK

H. NEG

I. UNK

J. NEG

K. GERRY R. BURGESS, OPERATIONS OFFICER, (POSSIBLE EXTREME TEMPERATURE INVERSION).

L. NONE

BT