1. DATE - TIME GROUP 3,4 September 64 04/0520Z - 04/0750Z	**2. LOCATION** Clovis, New Mexico
3. SOURCE Civilian	**10. CONCLUSION** BALLOON
4. NUMBER OF OBJECTS One	
5. LENGTH OF OBSERVATION Over 1 Hour	**11. BRIEF SUMMARY AND ANALYSIS** Oval object slightly pointed at top and bottom. No tail, trail or exhaust. Object believed to have been observed twice (two periods of time 1st from 0520Z-0645Z and 0750Z-0815Z). During seconds period of observation a second light visible only through BX., and did not appear to change positions. Object below cloud cover. Observed at 30 deg elevation 80 deg azimuth. Final observation at 55 deg elevation 95 deg azimuth. Disappeared by getting smaller and smaller. Object amber color. All stars appeared reddish and twinkled. Object had clear and concise lines and did not shimmer. Resembled a spotlight from angle.
6. TYPE OF OBSERVATION Ground-Visual (BX)	
7. COURSE Easterly	
8. PHOTOS ☐ Yes ☒ No	
9. PHYSICAL EVIDENCE ☐ Yes ☒ No	COMMENTS: Winds variable between 16-50,000'. Object description consistant with balloon evaluation. Holloman AFB balloon launch activity had no report of research launch in area. Case regarded as a balloon sighting.

FORM
FTD SEP 63 0-329 (TDE) Previous editions of this form may be used.

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TO THE LOWER LEFT SIDE, CLOSE TO THE MAIN LIGHT. THIS SMALLER LIGHT DID NOT APPEAR TO MOVE OR CHANGE POSITION AND WAS VISIBLE ONLY THROUGH BINOCULARS.

B. DESCRIPTION OF COURSE OF OBJECT:

(1) WHAT FIRST CALLED THE ATTENTION OF OBSERVOR TO THE OBJECT? OBSERVOR WAS LOOKING AT LOW CLOUD COVER THEN SAW LIGHT. ASSUMED THAT IT MUST HAVE BEEN BELOW CLOUD COVER TO HAVE BEEN DISCERNABLE.

(2) ANGLE OR ELEVATION AND AZIMUTH OF OBJECTS WHEN FIRST OBSERVED: 030° ELEVATION AT 080° AZIMUTH.

(3) ANGLE OR ELEVATION AND AZIMUTH OF OBJECT UPON DISAPPEARANCE: 055° ELEVATION AT 095° AZIMUTH.

(4) DESCRIPTION OF FLIGHT PATH AND MANEUVERS OF OBJECT: DURING FIRST PERIOD OF OBSERVATION OBJECT CHANGED POSITION IN RELATIONSHIP TO LITTLE DIPPER. (STARS BECAME VISIBLE ABOUT 20 MINUTES AFTER INITIAL SIGHTING). DURING FIRST 5-10 MINUTES LIGHT WAS BELOW "HANDLE" OF LITTLE DIPPER, THEN IN NEXT 5-10 MINUTES WAS ABOVE "BOWL" AND THEN IN LAST 5-10 MINUTES WAS AGAIN BELOW "HANDLE". BUT DURING THIS TIME NO MOVEMENT OF THE LIGHT WAS OBSERVABLE. ONLY ITS CHANGE IN POSITION BY FIXATION WITH THE STARS. DURING SECOND PERIOD OF OBSERVATION OBJECT APPEARED TO BE MUCH FARTHER AWAY AND GRADUALLY GAINING ALTITUDE WHILE GROWING SMALLER AND SMALLER.

(5) HOW DID THE OBJECT DISAPPEAR? THE OBJECT WAS NOT OBSERVED TO DISAPPEAR BUT WAS GETTING SMALLER AND SMALLER.

(6) HOW LONG WAS THE OBJECT VISIBLE? DURING FIRST PERIOD FOR APPROXIMATELY ONE HOUR AND 25 MINUTES. DURING SECOND PERIOD FOR

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APPROXIMATELY 25 MINUTES.

C. MANNER OF OBSERVATION:

(1) GROUND VISUAL

(2) 10 POWER BINOCULARS (50MM LENS) OBSERVOR DETERMINED THROUGH FOCUSING THAT OBJECT WAS FARTHER AWAY THAN TOWN LIGHTS BUT NOT AS FAR AWAY AS STARS. OBJECT HAD SLIGHT AMBER COLOR AT BOTTOM. IT HAD SMALL SPEARS OF LIGHT EMITTING FROM IT. IT PUT GLARE STREAKS ACROSS LENS (10x50MM COATED). ALL STARS IN SKY HAD REDDISH COLOR AND MUCH TWINKLE WHILE OBJECT HAD CLEAR AND CONCISE LINES AND NO SHIMMER. OBJECT RESEMBLED A SPOTLIGHT AS IF LOOKING AT IT FROM AN ANGLE.

(3) N/A

D. TIME AND DATE OF SIGHTING:

(1) ZULU TIME - DATE GROUP OF SIGHTING:

0520Z - 0645Z 4 Sep 64 0750Z - 0815Z 4 SEP 64

(2) LIGHT CONDITIONS: NIGHT

E. LOCATION OF OBSERVER: 1209 CHAMA ST., CLOVIS, NEW MEXICO

F. IDENTIFYING INFORMATION ON OBSERVER:

(1) CIVILIAN - [redacted], AGE 21, MAILING ADDRESS: [redacted] CLOVIS, NEW MEXICO. OCCUPATION - BARBER, ESTIMATE OF RELIABILITY - GOOD.

G. WEATHER AND WINDS ALOFT CONDITIONS AT TIME AND PLACE OF SIGHTING:

(1) OBSERVERS ACCOUNT OF WEATHER CONDITIONS: HEAVY CLOUD COVER AT BEGINNING OF SIGHTING BUT CLEARED TO GOOD VISIBILITY WITH NO HAZE.

(2) REPORT FROM AWS OF WIND DIRECTION AND VELOCITY IN DEGREES

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AND KNOTS AT DIFFERENT ALTITUDES.

WIND DIRECTION	VELOCITY	ALTITUDE
190	15	6,000'
090	10	16,000'
VRBL	10	20,000'
VRBL	10	30,000'
190	10	50,000'

(3) CEILING - 12,000' - 19,000'

(4) VISIBILITY - 15 MILES LIGHT RAIN

(5) AMOUNT OF CLOUD COVER - OVERCAST TO BROKEN

(6) THUNDERSTORMS IN AREA AND QUADRANT IN WHICH LOCATED: OVERHEAD AND IN ALL QUADRANTS DISSAPATING.

(7) VERTICAL TEMPERATURE GRADIENT - NORMAL 2°/1000' to 48000' THEN ISOTHERMAL.

H. ANY OTHER UNUSUAL ACTIVITY OR CONDITION: NONE

I. INTERCEPTION OR IDENTIFICATION ACTION TAKEN: NONE

J. LOCATION, APPROXIMATE ALTITUDE, AND GENERAL DIRECTION OF ANY AIR TRAFFIC IN AREA AT TIME OF SIGHTING: NO TRAFFIC IN AREA AT THAT TIME.

K. REPORTING OFFICER: 2/LT STEPHEN S. LOVELL, INTELLIGENCE OFFICER, 474TH TFW. COMMENTS: THE FAA CONTROL CENTER AT TUCUMCARI AND ARTC AT ALBUQUERQUE AND 2040TH COMMUNICATIONS SQDN (RAPCON) WERE ALL CONTACTED. ALL REPORTED NO ACTIVITY IN THE AREA AT THE TIME OF SIGHTING. HOLLOMAN AFB (BALLOON LAUNCH SECTION) WAS ALSO CONTACTED AND REPORTED THAT THEY HAD NO BALLOONS IN THE AREA. HOWEVER THEY

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SAID THAT THERE WERE OTHER BALLOON LAUNCH FACILITIES IN WEST TEXAS BOTH MILITARY AND PRIVATE. THEY HOWEVER HAD NO SCHEDULE OF LAUNCHES ON THESE OTHER LAUNCH FACILITIES. FROM THE DESCRIPTION OF THE OBJECT IT APPEARS THAT THIS WAS AN OBJECT WHICH WAS RELATIVELY MOTIONLESS. IT IS A GOOD POSSIBILITY THAT THIS WAS A BALLOON BUT THIS CANNOT BE CONFIRMED.

L. EXISTENCE OF PHYSICAL EVIDENCE: NONE

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