PROJECT 10073 RECORD

1. DATE · TIME GROUP 9 Dec 66 1400Z	2. LOCATION Califorina & Nevada multiple
3. SOURCE Civilian & Military	10. CONCLUSION Other(Artificial Cloud Release)
4. NUMBER OF OBJECTS one	
5. LENGTH OF OBSERVATION several minutes	11. BRIEF SUMMARY AND ANALYSIS Various observers reported watching a large cloud like object in the sky. All witnesses reported that the object was green to blue in color and looked like a cone before spliting up into an elongated tail with a slight hook on the tip. One observer said that the object looked like two big oblong platters. Sketches by two of the witnesses looked quite similar. Contact with the AEC at the Tonopah Test Range, Nevada revealed that there was a missile launch at 0546L which produced a green-blue colored cloud. The description from the witnesses is very consistent with that of a artificial cloud release.
6. TYPE OF OBSERVATION Air & Ground Visual	
7. COURSE Basically stationary	
8. PHOTOS ☐ Yes XX No	
9. PHYSICAL EVIDENCE ☐ Yes XX No	

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

PAGE 2 RUTUDHAHUDG UNCLAS

NEAR-SIGHTED; DOULBT HAVE SEEN DETAILS) (20:30).

(7) NO EXHAUST.

(8) SILENT

(9) MOTIONLESS.

B. (1) OBSERVER WAS OUTSIDE TO GET PAPER WHEN A GLOW WAS SEEN.

(2) 45 DEGREE ANGLE UP; AT 350 DEGREE BY COMPASS.

(3) SHE WENT INSIDE SOMEWHAT FRIGHTENED AND DID NOT SEE IT LEAVE.

(4) STATIONARY

(5) N/A

(6) WATCHED 4 MINUTES.

C. (1) GROUND VISUAL.

(2) NONE

(3) NOT AIRBORNE.

D. (1) USED FRESNAL [illegible] 7 DEC 66.

E. [redacted] LAS VEGAS, NEVADA.

F. [redacted]

BUST [illegible]

[illegible]

[illegible]

A. [illegible] SEA WEATHER [illegible] KNOTS

B. [illegible] FEET SEA = 19 =

C. 10,000FEET SEA = 28 =

D. 15,000FEET SEA = 33 =

E. 20,000 FEET SEA = 47 =

F. 30,000FEET SEA = 71 =

G. 50,000FEET SEA = 68 =

(2) CEILING:NONE

(3) VISIBILITY: 15 PLUS

(4) CLOUDS: NONE

(5) THUNDERSTORMS: NO

(6) VERT. TEMP. GRADIENT: 0-10,000' EQUALS -0 DEGREES,

10-45,000' EQUALS-2 DEGREES, 45-55,000'EQUALODEGREES

(7) SURFACE TEMP: 67 DEGREES

I. COMMENT : VIA THE TOWN OF PIOCHE, NEV, (ABOUT 100 MILES NORTH OF NELLIS)

HAD A REPORT IN THE LAS VEGAS SUN ON 10 DEC 66 THAT A UFO WAS SIGHTED BY

ELEVEN PEOPLE AT 6:50 A.M. ON 9 DEC. THE DESCRIPTION THES PEOPLE GAVE DID

NOT COINCIDE AT ALL WITH THAT OF [redacted] TONOPAH TEST RANGE

COULD OFFER NO EXPLANATION OF [redacted] SIGHTING.

ST

Critical

172

FTTU JAW RUWJBFA1097 3440240-UUUU--RUEDFIF.

ZNR UUUUU

P 100115Z

FM 831ST COMBAT SUPPORT GEOUP GEORGE AFB CALIF

TO RUWMFVA/ADC

RUEDFIF/FTD WPAFB

RUEDHQA/CSAF AFRDC

BT

UNCLAS DOB-G 00210 DEC 66. UFO

A.(1) OBJECT INITIALLY APPEARED TO BE CONE SHAPED FOR APPROXIMATELY 10 MINUTES AND THEN DEVELOPED AN ELONGATED TWIN SPIRAL TAIL WITH A SLIGHT HOOK, RESEMBLED A SPLIT TURNUP WITH A SLIGHTLY HOOKED TAIL.

(2) TOO LARGE FOR COMPARISON WITH KNOWN OBJECT.

(3) LIGHT GREEN

(4) SINGLE OBJECT

(5) N/A

(6) NONE

(7) SPLIT SLOWLY APPEARED TO DEVELOPE FROM ORIGNAL CONE SHAPE

Serial 164
to and 3
Writers

PAGE 3 RUWJBFA1097 UNCLAS

(2) CAPTAIN HAUSE, RICHARD G. EXTREMELY RELIABLE

68TFW GEORGE AFB, CALIF RATED PILOT

92393

(3) CAPTAIN FRASIER, ROBERT J. EXTREMELY RELIABLE

479TH TFW GEORGE AFB, CALIF RATED PILOT

5.(1) CLEAR

(2) SFC	1402	0DEG C
6M	2715	PLUS6DEG C
10M	2820	PLUS2DEG C
16M	3040	MINUS11DEG C
20M	3050	MINUS16DEG C
30M	2970	MINUS40DEG C
50M	2970	MINUS71DEG C
80M	2950	MINUS67DEG C

(3) HIGH THIN SCATTERED

(4) 15 MI

(5) 3/10

(6) NONE

(7) SEE G(2)

H. NONE

I. N/A

IINTO AN ELONGATED TAIL WITH A SLIGHT HOOK ON THE TIP.

(6) NONE

(9) NONE

B.(1) BRIGHTNESS OF OBJECT DURING HOURS OF DARKNESS.

(2) 40 TO 60 DEGREES ABOVE HORIZON ON 360DEG MANNETIC HEADING.

(3) SAME AS (2)

(4) STATIONARY

(5) GRADUALLY DISAPPEARED WITH THE SUNRISE

(6) 30 MINUTES

C.(1) GROUND VISUAL

(2)NONE

(3) N/A

D.(1) 09/1345 0545 LOCAL

(2) NIGHT

E.(1) VICTORVILLE, CALIFORNIA (CAPTAIN FRASIER)D

(2) 12 MI SOUTH VICTORVILLE, CALIFORNIA (CAPTAIN HAUSE)

(3) HELENDALE, CALIFORNIA (MR[redacted]

F.(1) MR[redacted] OBSERVATION RELIABLE

S[redacted] AGE 30 92342

HELENDALE, CALIFORNIA

PAGE 4 RUWJBFA1097 UNCLAS

. NONE

. GRYSKA, FRANK C. MAJOR

GROUP TRAINING OFFICER

831ST CMBT SPT GP GEORGE AFB CALIFORNIA

PRELIMINARY ANALYSIS VERIFIED THAT NO MISSLES OR ROCKETS WERE FIRED FROM VANDENBERG AFB OR EDWARDS AFB AT THE TIME OF SIGHTING. DUE TO THE COMPLETE DISAPPEARANCE AS DAYLIGHT APPROACHED THE SIGHTING IS BELIEVED TO BE CAUSED BY A NOCTILUCENT TYPE CLOUD. EDWARDS AFB REPORTS SIGHTINGS IN FOUR STATES VERIFYING ABOVE INFORMATION.

DT

NNN#

MEMO for the Record:

Contact was made with the Tonopah Test Range, Nevada in regards to missile activity during the first week of December 1966. Conversation with Mr. Allen Corby revealed that there was a launch at approximately 0546 PST on 9 Dec 66. At altitude there was a cloud release which produced a blue-green colored cloud which could have been visible for many miles. The cloud should have been visible for about 15-20 minutes. There were several similar launched during December 1966, one particularly on 15 Dec 66 which was the most obvious of all. The launch on 9 Dec was not as obvious as the 15 Dec launch but it still produced a bright bluish green cloud.

NV-66-139

UNITED STATES
ATOMIC ENERGY COMMISSION
Nevada Operations Office
P.O. Box 1676
Las Vegas, Nevada

December 2, 1966

Office of Information
2753 South Highland Drive
Telephone: 734-3011, Ext. 3851

NOTE TO EDITORS AND CORRESPONDENTS:

The attached announcement is being sent to you on behalf of the Sandia Corporation of Albuquerque, New Mexico, and the Tonopah (Nevada) Test Range.

Confirmation of the firings and post-shot information may be obtained by telephoning Tonopah Test Range Manager Ray Brin or Mr. Rush Robinette at 1-986-0390.

Attachment:
Sandia announcement

Sandia Corporation is planning another series of high altitude rocket firings beginning at sunset, Monday, December 5, at the Tonopah Test Range, Tonopah, Nevada. The series of meteorological sounding rockets will carry payloads of trimethylaluminum (TMA) which will produce bright blue-green clouds that should be visible as far as 200-300 miles away, and should linger as bright streaks through the sky for at least an hour.

It is possible that the luminous streaks will be visible as far away as San Francisco and Albuquerque. A similar test conducted in the Hawaiian Islands was seen by a commercial airlines pilot shortly after he left San Francisco, some 4,000 miles away. During a similar test in April of this year at the Tonopah Test Range, the visible cloud moved to the San Francisco Bay area and caused some concern among residents in that area.

The purpose of the tests is to measure wind velocity and directions at altitudes from 50-100 miles high. The TMA trails will be photographed by stations located at China Lake, California, Hawthorne, Nevada, and Cedar City, Utah. Nike-Cajun rocket systems will be used to carry the TMA payloads. The present schedule calls for shots at 5:10 p.m. on Monday, Tuesday and Wednesday, December 5-7. All schedules are dependent on weather and cloud conditions and shots may go at any time during the week.

other (artificial cloud release).

U.S. AIR FORCE TECHNICAL INFORMATION

This questionnaire has been prepared so that you can give the U.S. Air Force as much information as possible concerning the unidentified aerial phenomenon that you have observed. Please try to answer as many questions as you possibly can. The information that you give will be used for research purposes. Your name will *not* be used in connection with any statements, conclusions, or publications without your permission. We request this personal information so that if it is deemed necessary, we may contact you for further details.

1. When did you see the object?

9 (Day) Dec (Month) 66 (Year)

2. Time of day: I can't remember (Hour) (Minutes) PRIOR TO SUNRISE

(Circle One): (A.M.) or P.M.

3. Time Zone:

(Circle One): a. Eastern
b. Central
c. Mountain
(d.) Pacific
e. Other _____

(Circle One): (a.) Daylight Saving
b. Standard

4. Where were you when you saw the object?

[redacted] (Nearest Postal Address) Apple Valley (City or Town) Calif (State or County)

5. How long was object in sight? (Total Duration) _____ (Hours) 30 (Minutes) _____ (Seconds)

a. Certain
(b.) Fairly certain
c. Not very sure
d. Just a guess

5.1 How was time in sight determined? Watch

5.2 Was object in sight continuously? Yes ✓ No ____

6. What was the condition of the sky?

DAY
a. Bright
b. Cloudy

NIGHT
a. Bright
(b.) Cloudy — LIGHT HAZE

7. IF you saw the object during DAYLIGHT, where was the SUN located as you looked at the object?

(Circle One): a. In front of you
b. In back of you
c. To your right
d. To your left
e. Overhead
f. Don't remember

FTD FORM OCT 62 164 This form supersedes FTD 164, Jul 61, which is obsolete.

BLUE-GREEN CLOUDS OVER DESERT

Bright blue-green clouds will ma out high above the Nevada desert next week during another series of tests to measure wind velocity and direction at altitudes of 50 to 160 miles.

Sandia Corp., Albuquerque, N. M., will conduct the tests, now scheduled for 5:10 p.m. next Monday, Tuesday and Wednesday.

Meteorological sounding rockets lofted from the Tonopah Test Range northwest of here will carry payloads of trimethylaluminum (TMA) which will produce clouds which should be visible for as much as an hour as far away as San Francisco and Albuquerque.

12-3-66
L.V. Review Journal

12-9-66

TEST ROCKETS PAINT CLOUDS WITH COLOR

L.V. Review Journal

TONOPAH (AP) — Scientists fired meteorological sounding rockets into the sky over Nevada Thursday to produce bright blue-green clouds visible as far away as Salt Lake City and Southern California.

The rockets and their clouds are part of a series of tests to measure wind velocity and direction from 50 to 100 miles above the earth.

Cloud trails, created by a payload called tri methyl aluminum (TMA), were to be photographed by scientists at China Lake, Calif., Hawthorne, Nev., and Cedar City, Utah.

The firings, conducted by Sandia Corp., were scheduled earlier this week at the Tonopah test range. They were postponed because of stormy weather.

Ray Brin, manager of the range, said the tests are expected to be completed this weekend.

DEPARTMENT OF THE AIR FORCE
HEADQUARTERS FOREIGN TECHNOLOGY DIVISION (AFSC)
WRIGHT-PATTERSON AIR FORCE BASE, OHIO 43433

REPLY TO ATTN OF: TDET/UFO

30 January 1967

SUBJECT: UFO Observation, 9 Dec 66

TO: Captain Robert J. Frasier
479th TFW
George AFB, California 92393

Reference your unidentified observation. The information which we have received is not sufficient for a scientific evaluation. Request you complete the attached FTD Form 164 and return it in the envelope provided. Thank you for reporting your observation to the Air Force.

JAMES C. MANATT, Colonel, USAF
Director of Technology and Subsystems

1 Atch
FTD Form 164 w/envelope

Returned no such individual at address USPM.

9 DEC 66

DEPARTMENT OF THE AIR FORCE
HEADQUARTERS FOREIGN TECHNOLOGY DIVISION (AFSC)
WRIGHT-PATTERSON AIR FORCE BASE, OHIO 45433

REPLY TO ATTN OF: TDET/UFO

30 January 1967

SUBJECT: UFO Observation, 9 Dec 66

TO: Mrs. [redacted]
Helendale, California 92342

Reference your unidentified observation. The information which we have received is not sufficient for a scientific evaluation. Request you complete the attached FTD Form 164 and return it in the envelope provided. Thank you for reporting your observation to the Air Force.

JAMES C. MANATT, Colonel, USAF
Director of Technology and Subsystems

1 Atch
FTD Form 164 w/envelope

TDET/UFO 0-70 OFFICIAL FILE COPY

9 Dec 66

DEPARTMENT OF THE AIR FORCE
HEADQUARTERS FOREIGN TECHNOLOGY DIVISION (AFSC)
WRIGHT-PATTERSON AIR FORCE BASE, OHIO 45433

REPLY TO ATTN OF: TDET/UFO

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JAMES C. MANATT, Colonel, USAF
Director of Technology and Subsystems

1 Atch
FTD Form 164 w/envelope

Copy

TDET/UFO OFFICIAL FILE COPY

9 Dec 66

DEPARTMENT OF THE AIR FORCE
HEADQUARTERS FOREIGN TECHNOLOGY DIVISION (AFSC)
WRIGHT-PATTERSON AIR FORCE BASE, OHIO 45433

REPLY TO ATTN OF: TDET/UFO

31 January 1967

SUBJECT: UFO Observation 9 Dec 66

TO: Captain Richard G. Hause
68 TFW
George AFB, California 92393

Reference your unidentified observation. The information which we have received is not sufficient for a scientific evaluation. Request you complete the attached FTD Form 164 and return it in the envelope provided. Thank you for reporting your observation to the Air Force.

JAMES C. MANATT, Colonel, USAF
Director of Technology and Subsystems

1 Atch
FTD Form 164 w/envelope

TDET/UFO OFFICIAL FILE COPY

9 Dec 66
California +
Nevada

Dear Sir

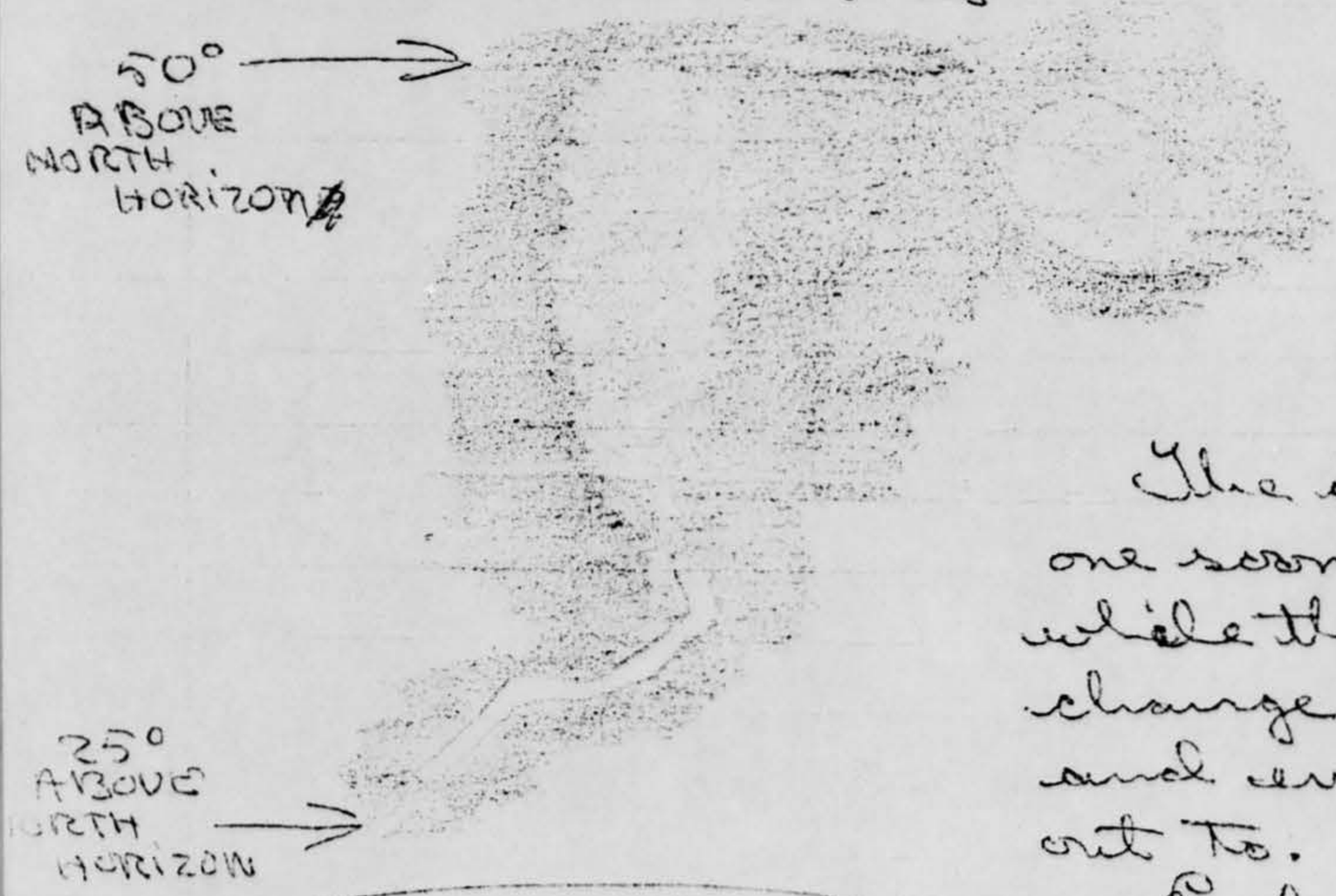
In a magazine I saw an article on UFO's and it gave the address of Project Blue Book and said to write to it with all the information on any UFO you see. So on December 9, 1966 at 6:07 A.M as I looked out our sliding doors I noticed a green foggy light to the north. I rushed over to the back door to get a better look. I looked like a green comet with a short tail in the sky. The sky was black with many stars visible. I drew below what ~~[illegible]~~ it looked like below

At 6:07 it looked like this with its tail longer and split in two curled upward

The scale of the two are the same and at 6:10 all traces of it were gone. It was about 25 degrees above the north horizon. A more accurate measurement is it was about 2 inches above Mt. San Antonio which is 10,064 feet high and about 18 miles away from my house.

Then on the 16th of December I was going outside when at 5:30 P.M. when I looked up north and seen a green circle about 50 degrees above the north horizon. Like the ones I saw on the 9th it had no difinate shape or lines. It looked like this

I ran in the house and called my brother and mother and called my friend Richard on the phone. When I got back outside it looked like this



The circle shaped one soon disappeared while the other one change into a circle and eventually faded out too.

Enclosed are all the facts on the whether conditions and what the Progress Bulletin newspaper

Sincerely yours,

[redacted]

CHECK ON BARIUM CLOUD REQUESTS FROM TONOPAH TEST RANGE

U.S. AIR FORCE TECHNICAL INFORMATION

This questionnaire has been prepared so that you can give the U.S. Air Force as much information as possible concerning the unidentified aerial phenomenon that you have observed. Please try to answer as many questions as you possibly can. The information that you give will be used for research purposes. Your name will *not* be used in connection with any statements, conclusions, or publications without your permission. We request this personal information so that if it is deemed necessary, we may contact you for further details.

1. When did you see the object? SO LONG AGO DON'T REMEMBER DATE.

   Unknown (Day) — Dec (Month) — 66 (Year)

   T.T. 3 U.F.G.

2. Time of day: 10 (Hour) — 30 (Minutes)

   (Circle One): A.M. or (P.M.)

3. Time Zone:

   (Circle One): a. Eastern
   b. Central
   (c.) Mountain
   d. Pacific
   e. Other _____

   (Circle One): a. Daylight Saving
   (b.) Standard

4. Where were you when you saw the object?

   [redacted] (Nearest Postal Address) — Roseville (City or Town) — California (State or County)

5. How long was object in sight? (Total Duration) _____ Hours — 15 Minutes — 10 Seconds

   a. Certain
   (b.) Fairly certain
   c. Not very sure
   d. Just a guess

   5.1 How was time in sight determined? By wrist watch

   5.2 Was object in sight continuously? Yes ✓ No ____

6. What was the condition of the sky?

   DAY
   a. Bright
   b. Cloudy

   NIGHT
   (a.) Bright
   b. Cloudy

7. IF you saw the object during DAYLIGHT, where was the SUN located as you looked at the object?

   (Circle One): a. In front of you
   b. In back of you
   c. To your right
   d. To your left
   e. Overhead
   f. Don't remember

FTD FORM OCT 62 164 This form supersedes FTD 164, Jul 61, which is obsolete.

8. IF you saw the object at NIGHT, what did you notice concerning the STARS and MOON?

8.1 STARS *(Circle One)*:

a. None
b. A few
c. Many
d. Don't remember

8.2 MOON *(Circle One)*:

a. Bright moonlight
b. Dull moonlight
c. No moonlight – pitch dark
d. Don't remember

9. What were the weather conditions at the time you saw the object?

CLOUDS *(Circle One)*:

a. Clear sky
b. Hazy
c. Scattered clouds
d. Thick or heavy clouds

WEATHER *(Circle One)*:

a. Dry
b. Fog, mist, or light rain
c. Moderate or heavy rain
d. Snow
e. Don't remember

10. The object appeared: *(Circle One)*:

a. Solid
b. Transparent
c. Vapor
d. As a light
e. Don't remember

11. If it appeared as a light, was it brighter than the brightest stars? *(Circle One)*:

a. Brighter
b. Dimmer
c. About the same
d. Don't know

11.1 Compare brightness to some common object:

Flash Bulb to a camera

12. The edges of the object were:

(Circle One):
a. Fuzzy or blurred
b. Like a bright star
c. Sharply outlined
d. Don't remember
e. Other Like they were viewed TRANSPARENT But not Quite.

13. Did the object: *(Circle One for each question)*

a. Appear to stand still at any time?	Yes	No	Don't know
b. Suddenly speed up and rush away at any time?	Yes	No	Don't know
c. Break up into parts or explode?	Yes	No	Don't know
d. Give off smoke?	Yes	No	Don't know
e. Change brightness?	Yes	No	Don't know
f. Change shape?	Yes	No	Don't know
g. Flash or flicker?	Yes	No	Don't know
h. Disappear and reappear?	Yes	No	Don't know

for only one time

8. IF you saw the object at NIGHT, what did you notice concerning the STARS and MOON?

8.1 STARS (*Circle One*):

a. None
b. A few
c. Many
d. Don't remember

8.2 MOON (*Circle One*):

a. Bright moonlight
b. Dull moonlight
c. No moonlight – pitch dark
d. Don't remember

9. What were the weather conditions at the time you saw the object?

CLOUDS (*Circle One*):

a. Clear sky
b. Hazy
c. Scattered clouds
d. Thick or heavy clouds

WEATHER (*Circle One*):

a. Dry
b. Fog, mist, or light rain
c. Moderate or heavy rain
d. Snow
e. Don't remember

10. The object appeared: (*Circle One*).

a. Solid
b. Transparent
c. Vapor
d. As a light
e. Don't remember

11. If it appeared as a light, was it brighter than the brightest stars? (*Circle One*):

a. Brighter
b. Dimmer
c. About the same
d. Don't know

11.1 Compare brightness to some common object:

COCKTAIL REFLECTING SUNLIGHT

12. The edges of the object were:

(*Circle One*)
a. Fuzzy or blurred
b. Like a bright star
c. Sharply outlined
d. Don't remember
e. Other _____

13. Did the object: (*Circle One for each question*)

a. Appear to stand still at any time?	Yes	No	Don't know
b. Suddenly speed up and rush away at any time?	Yes	No	Don't know
c. Break up into parts or explode?	Yes	No	Don't know
d. Give off smoke?	Yes	No	Don't know
e. Change brightness?	Yes	No	Don't know
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1. When did you see the object?

_____ Day _____ Month _____ Year

2. Time of day: 6 Hour 20 Minutes

(Circle One): A.M. or (P.M.)

3. Time Zone:

(Circle One): a. Eastern
b. Central
(c.) Mountain
d. Pacific
e. Other _____

(Circle One): a. Daylight Saving
(b.) Standard

4. Where were you when you saw the object?

[redacted] Nearest Postal Address

Roseville City or Town

California State or County

5. How long was object in sight? (Total Duration) _____ Hours 15 Minutes — Seconds

a. Certain
(b.) Fairly certain
c. Not very sure
d. Just a guess

5.1 How was time in sight determined? By wrist watch

5.2 Was object in sight continuously? Yes ✓ No ____

6. What was the condition of the sky?

DAY
a. Bright
b. Cloudy

NIGHT
(a.) Bright
b. Cloudy

7. IF you saw the object during DAYLIGHT, where was the SUN located as you looked at the object?

(Circle One): a. In front of you
b. In back of you
c. To your right
d. To your left
e. Overhead
f. Don't remember

FTD FORM OCT 62 164 This form supersedes FTD 164, Jul 61, which is obsolete.

8. IF you saw the object at NIGHT, what did you notice concerning the STARS and MOON?

8.1 STARS *(Circle One)*:

a. None
b. A few
c. Many
d. Don't remember

8.2 MOON *(Circle One)*:

a. Bright moonlight
b. Dull moonlight
c. No moonlight – pitch dark
d. Don't remember

9. What were the weather conditions at the time you saw the object?

CLOUDS *(Circle One)*:

a. Clear sky
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c. Scattered clouds
d. Thick or heavy clouds

WEATHER *(Circle One)*:

a. Dry
b. Fog, mist, or light rain
c. Moderate or heavy rain
d. Snow
e. Don't remember

10. The object appeared: *(Circle One)*:

a. Solid
b. Transparent
c. Vapor
d. As a light
e. Don't remember

11. If it appeared as a light, was it brighter than the brightest stars? *(Circle One)*:

a. Brighter
b. Dimmer
c. About the same
d. Don't know

11.1 Compare brightness to some common object:
Probably Like a Flash bulb from a camera

12. The edges of the object were:

(Circle One):
a. Fuzzy or blurred
b. Like a bright star
c. Sharply outlined
d. Don't remember
e. Other sort of transparent part (it looked like you could almost see through it at that part of the object

13. Did the object: *(Circle One for each question)*

a. Appear to stand still at any time?	Yes	No	Don't know
b. Suddenly speed up and rush away at any time?	Yes	No	Don't know
c. Break up into parts or explode?	Yes	No	Don't know
d. Give off smoke?	Yes	No	Don't know
e. Change brightness?	Yes	No	Don't know
f. Change shape?	Yes	No	Don't know
g. Flash or flicker?	Yes	No	Don't know
h. Disappear and reappear?	Yes	No	Don't know

at only one time

14. Did the object disappear while you were watching it? If so, how?

NO

15. Did the object move behind something at any time, particularly a cloud?

(Circle One): Yes (No) Don't Know. IF you answered YES, then tell what it moved behind:

16. Did the object move in front of something at any time, particularly a cloud?

(Circle One): Yes (No) Don't Know. IF you answered YES, then tell what in front of:

17. Tell in a few words the following things about the object:

a. Sound NO SOUND

b. Color Clear white, TURNED colors at one point, - Light ORANGE - DARK ORANGE, THEN BACK to L. ORANGE Then A pale white

18. We wish to know the angular size. Hold a match stick at arm's length in line with a known object and note how much of the object is covered by the head of the match. If you had performed this experiment at the time of the sighting, how much of the object would have been covered by the match head?

The Object WAS About the size OF A BASKET BALL AT ARMS Length.

19. Draw a picture that will show the shape of the object or objects. Label and include in your sketch any details of the object that you saw such as wings, protrusions, etc., and especially exhaust trails or vapor trails. Place an arrow beside the drawing to show the direction the object was moving.

There WAS NO exhaust OR NO Following trail LEFT NO TRAIL

At one tim the object changed shape AND Color, From circle to oblong.

20. Do you think you can estimate the speed of the object?

(Circle One) Yes (No)

IF you answered YES, then what speed would you estimate? But when it begins move further away, had a hard time keeping it in range of a pair of binoculars

21. Do you think you can estimate how far away from you the object was?

(Circle One) (Yes) No

IF you answered YES, then how far away would you say it was? 600 yards

22. Where were you located when you saw the object? *(Circle One):*

a. Inside a building
b. In a car
(c) Outdoors
d. In an airplane (type)
e. At sea
f. Other _____

23. Were you *(Circle One)*

a. In the business section of a city?
(b) In the residential section of a city?
c. In open countryside?
d. Near an airfield?
e. Flying over a city?
f. Flying over open country?
g. Other _____

24. IF you were MOVING IN AN AUTOMOBILE or other vehicle at the time, then complete the following questions:

24.1 What direction were you moving? *(Circle One)*

a. North c. East e. South g. West
b. Northeast d. Southeast f. Southwest h. Northwest

24.2 How fast were you moving? _____ miles per hour.

24.3 Did you stop at any time while you were looking at the object?

(Circle One) Yes No

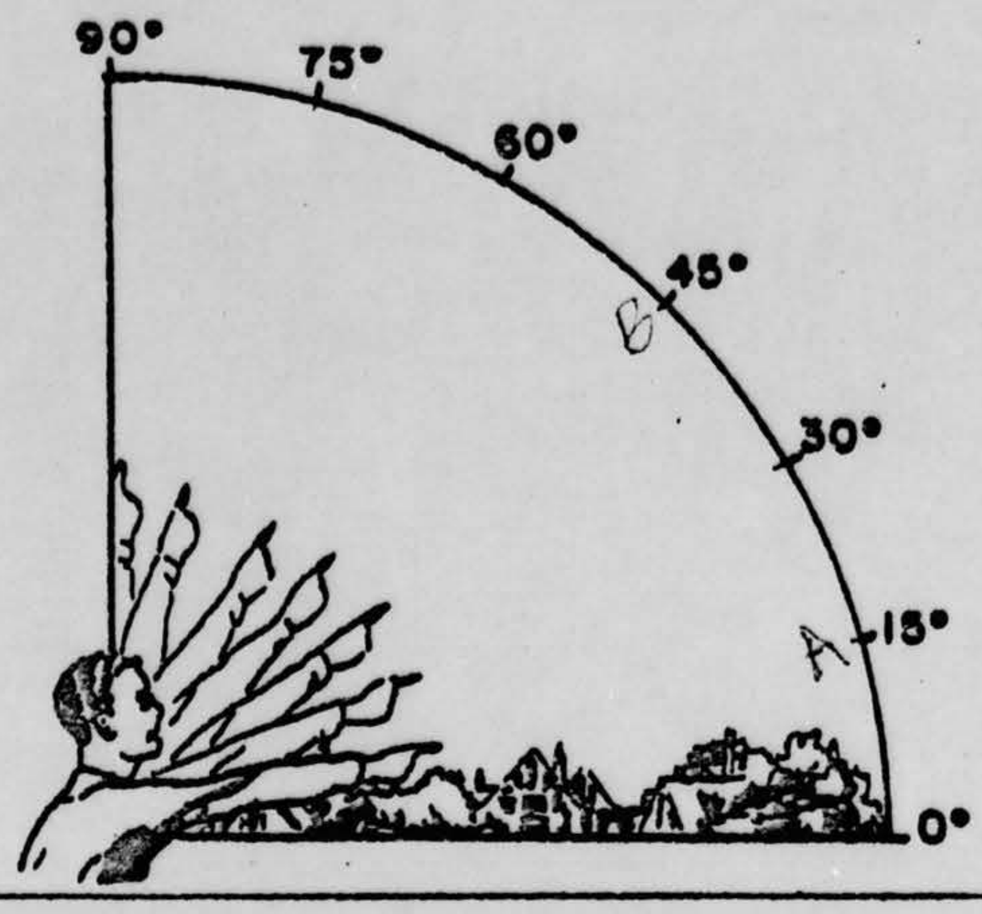
25. Did you observe the object through any of the following?

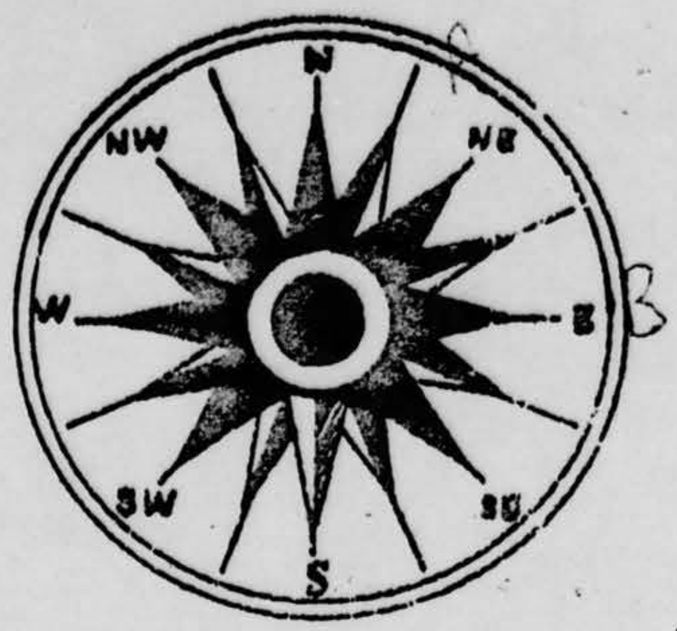
a. Eyeglasses	Yes	(No)	e. Binoculars	(Yes)	No
b. Sun glasses	Yes	(No)	f. Telescope	Yes	(No)
c. Windshield	Yes	(No)	g. Theodolite	Yes	(No)
d. Window glass	Yes	(No)	h. Other _____		

26. In order that you can give as clear a picture as possible of what you saw, describe in your own words a common object or objects which, when placed up in the sky, would give the same appearance as the object which you saw.

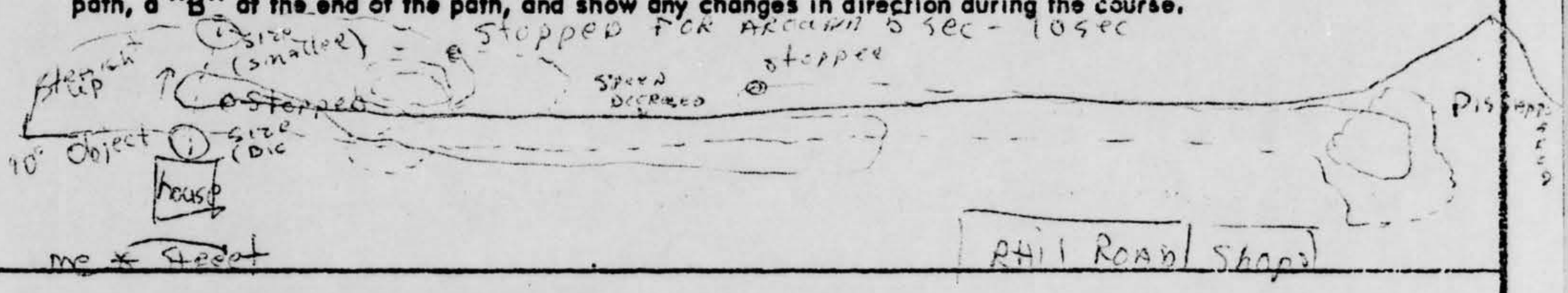
Possibly a baseball but only larger, but at the time it changed shape I would say it looked like a football, overly inflated

27. In the following sketch, imagine that you are at the point shown. Place an "A" on the curved line to show how high the object was above the horizon (skyline) when you *first* saw it. Place a "B" on the same curved line to show how high the object was above the horizon (skyline) when you *last* saw it. Place an "A" on the compass when you *first* saw it. Place a "B" on the compass where you *last* saw the object.





28. Draw a picture that will show the motion that the object or objects made. Place an "A" at the beginning of the path, a "B" at the end of the path, and show any changes in direction during the course.



29. IF there was MORE THAN ONE object, then how many were there? _____

Draw a picture of how they were arranged, and put an arrow to show the direction that they were traveling.

30. Have you ever seen this, or a similar object before. If so give date or dates and location.

NO

31. Was anyone else with you at the time you saw the object? *(Circle One)* Yes No

31.1 IF you answered YES, did they see the object too? *(Circle One)* Yes No

31.2 Please list their names and addresses:

[redacted] my Step Father I SAW it FIRST AND WATCHED FOR QUIT A while (10 min) THEN RAN IN AND got my DAD

32. Please give the following information about yourself:

NAME [redacted]
Last Name First Name Middle Name

ADDRESS [redacted] LAWP [redacted] VIRGINIA
Street City Zone State

TELEPHONE NUMBER [redacted] AGE 18 SEX male

Indicate any additional information about yourself, including any special experience, which might be pertinent.

I've Just previously moved From Calif. My GRANDmother sent this Questionnaire to me in Va.

33. When and to whom did you report that you had seen the object?

Don't Rem. Day — Dec Month — 60 Year

TO THE AIR CIVIL ~~CIVIL~~ DEFENCE STATION AT McCLUEN AIR FORCE BASE SACRAMENTO, CALIF.

34. Date you completed this questionnaire: 5 (Day) March (Month) 67 (Year)

35. Information which you feel pertinent and which is not adequately covered in the specific points of the questionnaire or a narrative explanation of your sighting.

Nothing except that the movement of this object was so erratic that if it was not a flying saucer, and was some new air plane the government has could I please have a picture.

[redacted]

'Green Glob' Hovers In LV Heavens

A pair of high altitude experimental rockets, fired northwest of Las Vegas shortly after dark yesterday, resulted in an eerie green glow over Southern Nevada startling thousands of residents.

They were seen for 15 minutes over the entire western United States from Southern California to Colorado.

Their purpose, according to civilian spokesmen at the Tonopah Test Range, was to investigate high altitude wind patterns and dispersion layers in the rarified atmosphere.

The rockets, launched with two-stage Nike-Cajun propulsion systems, soared upward at 5:13 and 5:21 p.m.

When they approached altitudes of 50 miles, the fast moving rockets began dispensing a chemical compound called trimethyl aluminum which formed a glowing green cloud and vapor trail in the clear sky.

The chemicals continued to be ejected until the rockets reached peak altitudes of 100 and 120 miles.

From Las Vegas, the green cloud from the first rocket appeared to pulsate and was circular, while the second rocket emitted a thick vapor trail as it headed straight up, then arced and spun downward.

Rocket debris later fell on the Tonopah Test Range.

MYSTERY: IN THE SKIES

THE EERIE GREEN LIGHTS

cc Ted Thomas
SANDIA

L.V. Sun 12-16-66

'Green Glob' Hovers In LV Heavens

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The rockets, launched with two-stage Nike Cajun propulsion systems, soared [illegible] at 5:13 and 5:21 p.m.

14. Did the object disappear while you were watching it? If so, how?

YES - AS SUN CAME UP IT DISAPPEARED

15. Did the object move behind something at any time, particularly a cloud?

(Circle One): Yes (No) Don't Know. IF you answered YES, then tell what it moved behind: _____

16. Did the object move in front of something at any time, particularly a cloud?

(Circle One): Yes (No) Don't Know. IF you answered YES, then tell what in front of: _____

17. Tell in a few words the following things about the object:

a. Sound NONE

b. Color YELLOW GREEN

18. We wish to know the angular size. Hold a match stick at arm's length in line with a known object and note how much of the object is covered by the head of the match. If you had performed this experiment at the time of the sighting, how much of the object would have been covered by the match head?

1/2

19. Draw a ~~picture that will~~ show the shape of the object or objects. Label and include in your sketch any details of the object that you saw ~~such as~~ wings, protrusions, etc., and especially exhaust trails or vapor trails. Place an arrow beside the drawing to show the direction the object was moving.

DONT KNOW DIRECTION

20. Do you think you can estimate the speed of the object?

(Circle One) Yes No

IF you answered YES, then what speed would you estimate? _____

21. Do you think you can estimate how far away from you the object was?

(Circle One) Yes No

IF you answered YES, then how far away would you say it was? _____

22. Where were you located when you saw the object? (Circle One):

a. Inside a building
b. In a car
c. Outdoors
d. In an airplane (type)
e. At sea
f. Other _____

23. Were you (Circle One)

a. In the business section of a city?
b. In the residential section of a city?
c. In open countryside?
d. Near an airfield?
e. Flying over a city?
f. Flying over open country?
g. Other _____

24. IF you were MOVING IN AN AUTOMOBILE or other vehicle at the time, then complete the following questions:

24.1 What direction were you moving? (Circle One)

a. North c. East e. South g. West
b. Northeast d. Southeast f. Southwest h. Northwest

24.2 How fast were you moving? _____ miles per hour.

24.3 Did you stop at any time while you were looking at the object?

(Circle One) Yes No

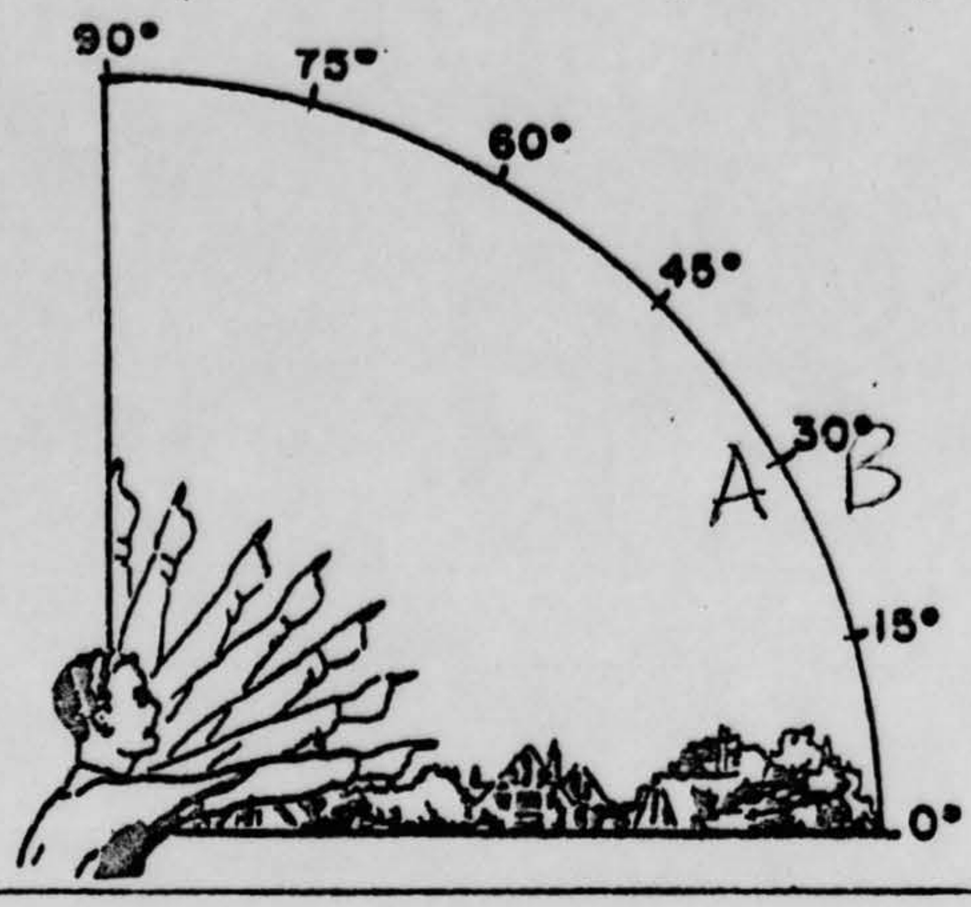
25. Did you observe the object through any of the following?

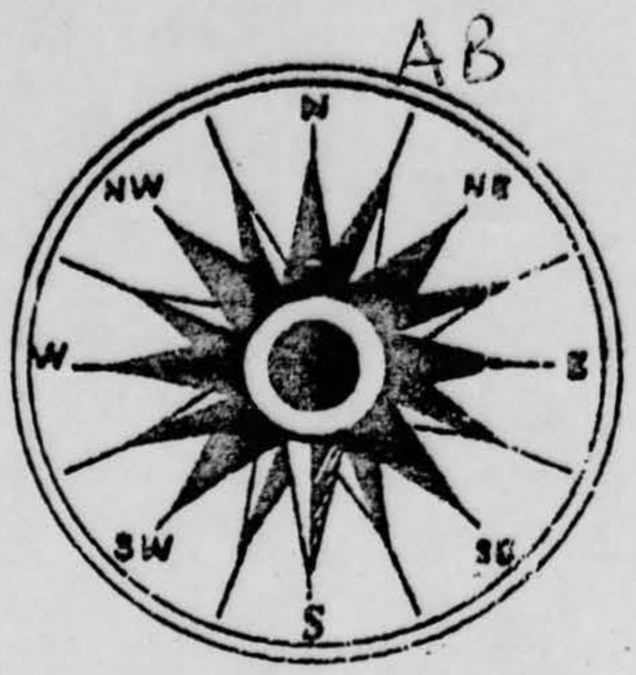
a. Eyeglasses	Yes	No	e. Binoculars	Yes	No
b. Sun glasses	Yes	No	f. Telescope	Yes	No
c. Windshield	Yes	No	g. Theodolite	Yes	No
d. Window glass	Yes	No	h. Other _____		

26. In order that you can give as clear a picture as possible of what you saw, describe in your own words a common object or objects which, when placed up in the sky, would give the same appearance as the object which you saw.

? HAVENT SEEN ANY THING LIKE IT

27. In the following sketch, imagine that you are at the point shown. Place an "A" on the curved line to show how high the object was above the horizon (skyline) when you *first* saw it. Place a "B" on the same curved line to show how high the object was above the horizon (skyline) when you *last* saw it. Place an "A" on the compass when you *first* saw it. Place a "B" on the compass where you *last* saw the object.





28. Draw a picture that will show the motion that the object or objects made. Place an "A" at the beginning of the path, a "B" at the end of the path, and show any changes in direction during the course.

COULDN'T TELL DIRECTION

29. IF there was MORE THAN ONE object, then how many were there? _____
Draw a picture of how they were arranged, and put an arrow to show the direction that they were traveling.

30. Have you ever seen this, or a similar object before. If so give date or dates and location.

NO

31. Was anyone else with you at the time you saw the object? *(Circle One)* Yes (No)

31.1 IF you answered YES, did they see the object too? *(Circle One)* Yes No

31.2 Please list their names and addresses:

32. Please give the following information about yourself:

NAME [redacted] [redacted] [redacted]
Last Name First Name Middle Name

ADDRESS [redacted] APPLE VALLEY CALIF
Street City Zone State

TELEPHONE NUMBER [redacted] AGE 33 SEX M

Indicate any additional information about yourself, including any special experience, which might be pertinent.

33. When and to whom did you report that you had seen the object? GEORGE BASE OPERATIONS

9 DEC 66
Day Month Year

34. Date you completed this questionnaire: _____ Day _____ Month _____ Year

35. Information which you feel pertinent and which is not adequately covered in the specific points of the questionnaire or a narrative explanation of your sighting.

TIID 311

[illegible] UNCLASSIFIED-UNCLASSIFIED-- [illegible]

ZUR [illegible]

[illegible]

[illegible] TFAC WELLS AFB NEV

[illegible] VN/ABC [illegible] AFB COLO

[illegible] FTD WPAFB

[illegible] OF COLO BOULDER COLO ATTN DR CONDON(MAIL)

T

[illegible] 0-010 00002 JAN 67.

[illegible] AFRDC, USAFSAF-OI

[illegible] REPORT

[illegible] (1) [illegible] DIG CELLING PLATTERS, TOP ONE INVERTED, AND THE TWO STUCK TOGETHER AT THE EDGES.

(2) [illegible] TIMES DIAMETER OF FULL MOON; I.E., AT 2200 FEET ABOVE GROUND LEVEL.

(3) [illegible]LIANT LIGHT GREEN (BRILLIANT GLOW).

(4) [illegible]

(5) [illegible]

(6) [illegible] EXTERIOR EDGES A LITTLE FUZZY (OBSERVER SLIGHTLY

3E T(UFO)

Card 164

UNCLASSIFIED ROUTINE