PROJECT 10073 RECORD

1. DATE - TIME GROUP 26 Feb. 68 27/0101Z	2. LOCATION Irvington, New York
3. SOURCE Civilian	10. CONCLUSION Possible (HOT AIR BALLOON)
4. NUMBER OF OBJECTS Two	COMMENTS: The description is consistent with that of a hot air balloon.
5. LENGTH OF OBSERVATION 5 minutes	11. BRIEF SUMMARY AND ANALYSIS The observer sighted two yellowish lights. The main one was twice as bright as a bright star and one was to the right and smaller. The smaller one pulsated at various times during the observation. The object first traveled toward the SW then turned and headed NW.
6. TYPE OF OBSERVATION Ground-Visual	
7. COURSE WSW to NW	
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.

SIGHTING OF UNIDENTIFIED PHENOMENA QUESTIONNAIRE

BUDGET BUREAU APPROVAL NUMBER 21-R258

THIS QUESTIONNAIRE HAS BEEN PREPARED SO THAT YOU CAN GIVE THE U.S. AIR FORCE AS MUCH INFORMATION AS POSSIBLE CONCERNING THE UNIDENTIFIED PHENOMENON THAT YOU HAVE OBSERVED. PLEASE TRY TO ANSWER ALL OF THE QUESTIONS. THE INFORMATION YOU GIVE WILL BE USED FOR RESEARCH PURPOSES. YOUR NAME WILL NOT BE USED IN CONNECTION WITH ANY OF YOUR STATEMENTS OR CONCLUSIONS WITHOUT YOUR PERMISSION. RETURN TO AIR FORCE BASE INVESTIGATOR FOR FORWARDING TO FTD (TDETR), WRIGHT-PATTERSON AFB, OHIO 45433, IAW AFR 80-17. *(IF ADDITIONAL SHEETS ARE NEEDED FOR NARRATIVE OR SKETCHES ATTACH SECURELY TO THIS FORM OR ANNOTATE WITH YOUR NAME FOR IDENTIFICATION.)*

1. WHEN DID YOU SEE THE PHENOMENON?

DAY 26 MONTH February YEAR 1965

2. WHAT TIME DID YOU FIRST SIGHT THE PHENOMENON?

HOUR 9 MINUTES 01 ☐ A.M. ☒ P.M.

3. WHAT TIME DID YOU LAST SIGHT THE PHENOMENON?

HOUR 9 MINUTES 06 ☐ A.M. ☒ P.M.

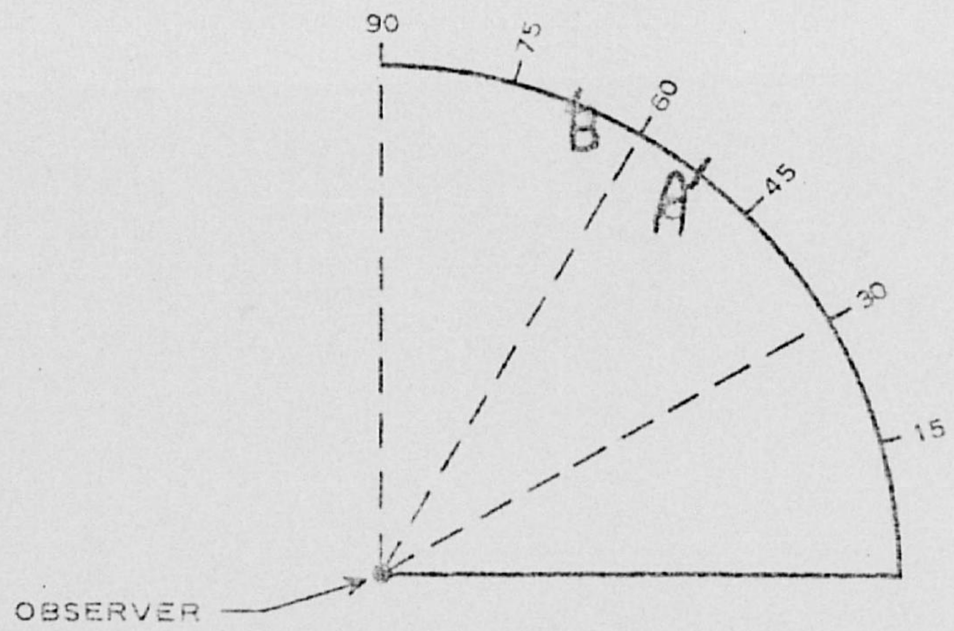
4. TIME/ZONE ☐ DAYLIGHT SAVINGS ☒ STANDARD

☒ EASTERN ☐ CENTRAL ☐ MOUNTAIN ☐ PACIFIC ☐ OTHER

5. WHERE WERE YOU WHEN YOU SAW THE PHENOMENON? IF IN CITY, GIVE THE NEAREST STREET ADDRESS AND INDICATE ON A HAND DRAWN MAP WHERE YOU WERE STANDING WITH REFERENCE TO THE ADDRESS. IF IN THE COUNTRY, IDENTIFY THE HIGHWAY YOU WERE ON OR NEAR AND TRY TO FIX A DISTANCE AND DIRECTION FROM SOME RECOGNIZABLE LANDMARK.

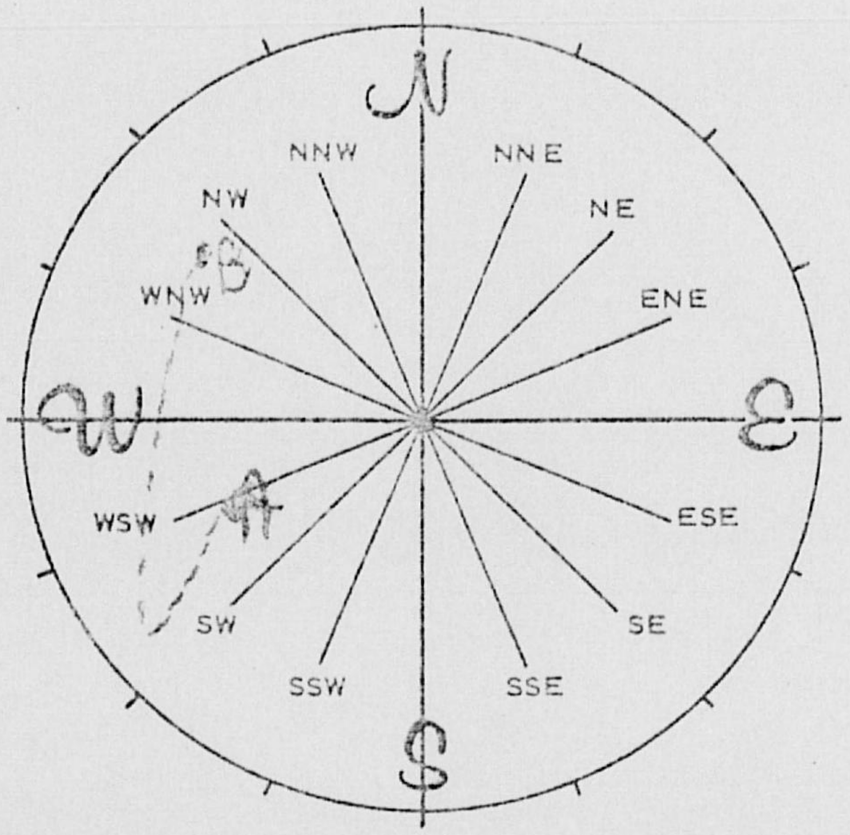
Near NORTHBROADWAY IN IRVINGTON, N.Y.
ABOUT A MILE AND 3/4 S. OF THE TAPPAN ZEE
BRIDGE, ACROSS THE HUDSON RIVER. IT IS
ALSO A FEW MILES S. OF THE CHEVROLET PLANT
AT TARRYTOWN, N.Y.

6. IMAGINE YOU ARE AT THE POINT SHOWN IN THE SKETCH, PLACE AN "A" ON THE CURVED LINE TO SHOW HOW HIGH THE PHENOMENON WAS ABOVE THE HORIZON, OR SKYLINE, WHEN FIRST SEEN. PLACE A "B" ON THE SAME CURVED LINE TO SHOW HOW HIGH ABOVE THE HORIZON THE PHENOMENON WAS WHEN LAST SEEN.

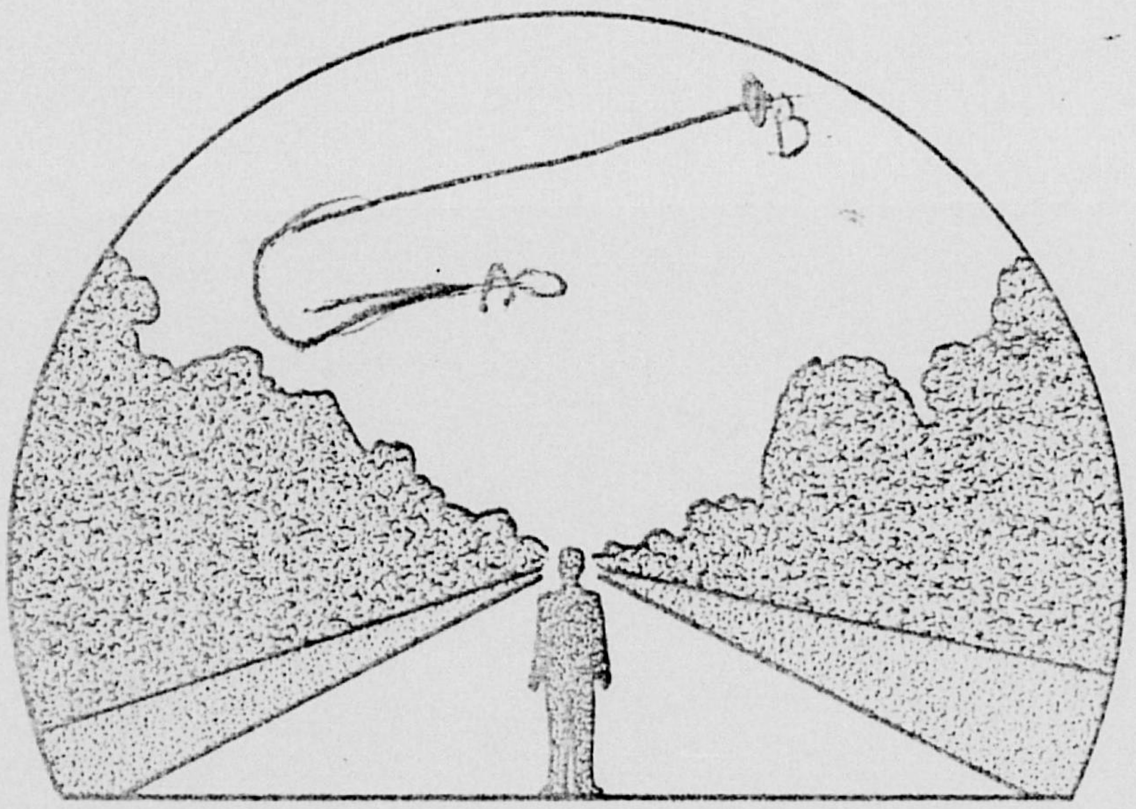


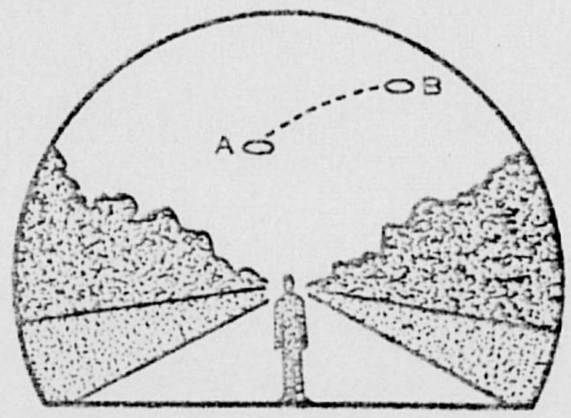
AF FORM AUG 67 117

6A. NOW IMAGINE YOU ARE AT THE CENTER OF THE COMPASS ROSE. PLACE AN "A" ON THE COMPASS TO INDICATE THE DIRECTION TO THE PHENOMENON WHEN FIRST SEEN. PLACE A "B" ON THE COMPASS TO INDICATE THE DIRECTION TO THE PHENOMENON WHEN LAST SEEN.



7. IN THE SKETCH BELOW, PLACE AN "A" AT THE POSITION OF THE PHENOMENON WHEN FIRST SEEN, AND A "B" AT THE POSITION OF THE PHENOMENON WHEN LAST SEEN. CONNECT THE "A" AND "B" WITH A LINE TO APPROXIMATE THE MOVEMENT OF THE PHENOMENON BETWEEN "A" AND "B". THAT IS, SCHEMATICALLY SHOW WHETHER THE MOVEMENT APPEARED TO BE STRAIGHT, CURVED OR ZIG-ZAG. REFER TO SMALLER SKETCH AS AN EXAMPLE OF HOW TO COMPLETE THE LARGER SKETCH.





8. WHERE WERE YOU WHEN YOU SAW THE PHENOMENON? *(Check appropriate blocks.)*

X	OUTDOORS		IN BUSINESS SECTION OF CITY
	IN BUILDING		IN RESIDENTIAL SECTION OF CITY
X	IN CAR ☐ AS DRIVER ☒ AS PASSENGER	X	IN OPEN COUNTRYSIDE
	IN BOAT		NEAR AIRFIELD
	IN AIRPLANE ☐ AS PILOT ☐ AS PASSENGER		FLYING OVER CITY
	OTHER		FLYING OVER OPEN COUNTRY
			OTHER

A. IF YOU WERE IN A VEHICLE, COMPLETE THE FOLLOWING:

WHAT DIRECTION WERE YOU MOVING?

	NORTH		EAST
	SOUTH		WEST
	NORTHEAST		SOUTHEAST
	NORTHWEST		SOUTHWEST

HOW FAST WERE YOU MOVING?
WE WERE STOPPED WATCHING THE UFO

DID YOU STOP ANYTIME WHILE OBSERVING THE PHENOMENON?
☒ YES ☐ NO

EXPLAIN WHETHER SUCH MOVEMENT AFFECTS YOUR SKETCHES IN ITEMS 5 AND 6.

DESCRIBE TYPE OF VEHICLE YOU WERE IN AND TYPE OF ROAD, TERRAIN OR BODY OF WATER YOU TRAVERSED DURING THE SIGHTING. STATE WHETHER WINDOWS OR CONVERTIBLE TOP WERE UP OR DOWN.
WE WERE IN A 67 2DOOR HARD TOP MERCURY COUGAR, THE WINDOWS WERE CLOSED, WE WERE ON A FAIRLY STEEP HILL BUT WE WERE STOPPED THE ROAD WAS IN FAIRLY GOOD SHAPE.

HOW MUCH OTHER TRAFFIC WAS THERE? ON THE MAIN ROAD BELOW (BROADWAY) THE TRAFFIC WAS LIGHT.

DID YOU NOTICE ANY AIRPLANES? ☐ YES ☒ NO. IF "YES," DESCRIBE WHEN THEY WERE IN SIGHT RELATIVE TO THE TIME OF SIGHTING THE PHENOMENON AND WHERE THEY WERE IN THE SKY RELATIVE TO THE POSITION OF THE PHENOMENON.

9. HOW LONG WAS THE PHENOMENON IN SIGHT?

LENGTH OF TIME 0.05 MIN.

	CERTAIN OF TIME		NOT VERY SURE
X	FAIRLY CERTAIN		JUST A GUESS

HOW WAS TIME DETERMINED? WHEN WE LEFT MY DADS HOUSE IT WAS 7 o'clock because the Programs were all over. the Car's clock read 7:26 when we got in the car.

WAS THE PHENOMENON IN SIGHT CONTINUOUSLY? ☒ YES ☐ NO. IF "NO," INDICATE WHETHER THIS IS DUE TO YOUR MOVEMENT OR THE BEHAVIOR OF THE PHENOMENON, AND DESCRIBE SUCH MOVEMENT OR BEHAVIOR. INDICATE DISAPPEARANCES ON PREVIOUS SKETCHES.

10. IF THERE WERE MORE THAN ONE PHENOMENON, HOW MANY WERE THERE? DRAW A PICTURE TO SHOW HOW THEY WERE ARRANGED. DID THIS ARRANGEMENT CHANGE DURING THE SIGHTING?

11. CONDITIONS *(Check appropriate blocks.)*

A. SKY		B. WEATHER			
	DAY		CUMULUS CLOUDS *(Low fluffy)*		FOG OR MIST
	TWILIGHT		CIRRUS CLOUDS *(High fleecy or Herring-bone)*		HEAVY RAIN
X	NIGHT				LIGHT RAIN OR DRIZZLE
X	CLEAR		NIMBUS CLOUDS *(Rain)*		HAIL
	PARTLY CLOUDY		CUMULONIMBUS CLOUDS *(Thunderstorms)*		SNOW OR SLEET
	COMPLETELY OVERCAST				UNKNOWN
			HAZE OR SMOG		NONE OF THE ABOVE

C. IF THE SIGHTING WAS AT TWILIGHT OR NIGHT, WHAT DID YOU NOTICE ABOUT THE STARS AND MOON?

(1) STARS		(2) MOON			
	NONE		BRIGHT MOONLIGHT		NO MOONLIGHT
X	A FEW		MOON WITH HALO	X	UNKNOWN
	MANY		MOON HIDDEN BY CLOUDS		
	UNKNOWN		PARTIAL *(New or quarter)*		

D. IF SIGHTING WAS IN DAYLIGHT, WAS THE SUN VISIBLE? ☐ YES ☐ NO. IF "YES," WHERE WAS THE SUN AS YOU FACED THE PHENOMENON?

	IN FRONT OF YOU		TO YOUR RIGHT		OVERHEAD *(Near noon)*
	IN BACK OF YOU		TO YOUR LEFT		UNKNOWN

E. SPECIFY THE MAJOR SOURCE OF ILLUMINATION PRESENT DURING THE SIGHTING, SUCH AS THE SUN, HEADLIGHTS OR STREET LAMP, ETC. FOR TERRESTRIAL ILLUMINATION, SPECIFY DISTANCE TO LIGHT SOURCE.

THERE WAS NO MAIN LIGHT SOURCE EXCEPT THE HEAD LIGHTS AT THE END OF THE SIGHTING.

12. GIVE A BRIEF DESCRIPTION OF THE PHENOMENON, INDICATING WHETHER IT APPEARED DARK OR LIGHT, WHETHER IT REFLECTED LIGHT OR WAS SELF-LUMINOUS AND WHAT COLORS YOU NOTICED. DESCRIBE YOUR IMPRESSION OF WHETHER IT WAS SOLID OR TRANSPARENT, WHETHER EDGES WERE SHARP OR FUZZY. DESCRIBE THE SHAPE OR INDICATE IF IT APPEARED AS A POINT OF LIGHT. INDICATE COMPARISONS WITH OTHER OBSERVED OBJECTS, LIKE STARS, A LIGHT OR OTHER OBJECT IN YOUR FIELD OF VIEW.

THE UFO WAS MADE OF 2 LIGHTS. THE ONE MAIN ONE WAS TWICE AS BRIGHT AS A BRIGHT STAR AT LEAST. THE OTHER WAS TO THE RIGHT AND SMALLER, IT PULSATED ON OFF-ON OFF AND THEN A FEW SECONDS IN BETWEEN AND THEN ON OFF-ON-OFF AGAIN. THE LIGHTS WERE SLIGHTLY Yellowish. You Couldn't make out any thing else about the object.

13. DID THE PHENOMENON	YES	NO	UNKNOWN
MOVE IN A STRAIGHT LINE? PART OF THE TIME	X		
STAND STILL AT ANYTIME?		X	
SUDDENLY SPEED UP AND RUN AWAY? IT PICKED UP SPEED SLOWLY	X		
BREAK UP IN PARTS AND EXPLODE?		X	
CHANGE COLOR?		X	
GIVE OFF SMOKE?		X	
CHANGE BRIGHTNESS?	X		
CHANGE SHAPE?		X	
FLASH OR FLICKER?	X		
DISAPPEAR AND REAPPEAR?		X	
SPIN LIKE A TOP?		X	
MAKE A NOISE?		X	
FLUTTER OR WOBBLE?		X	

14. WHAT DREW YOUR ATTENTION TO THE PHENOMENON?

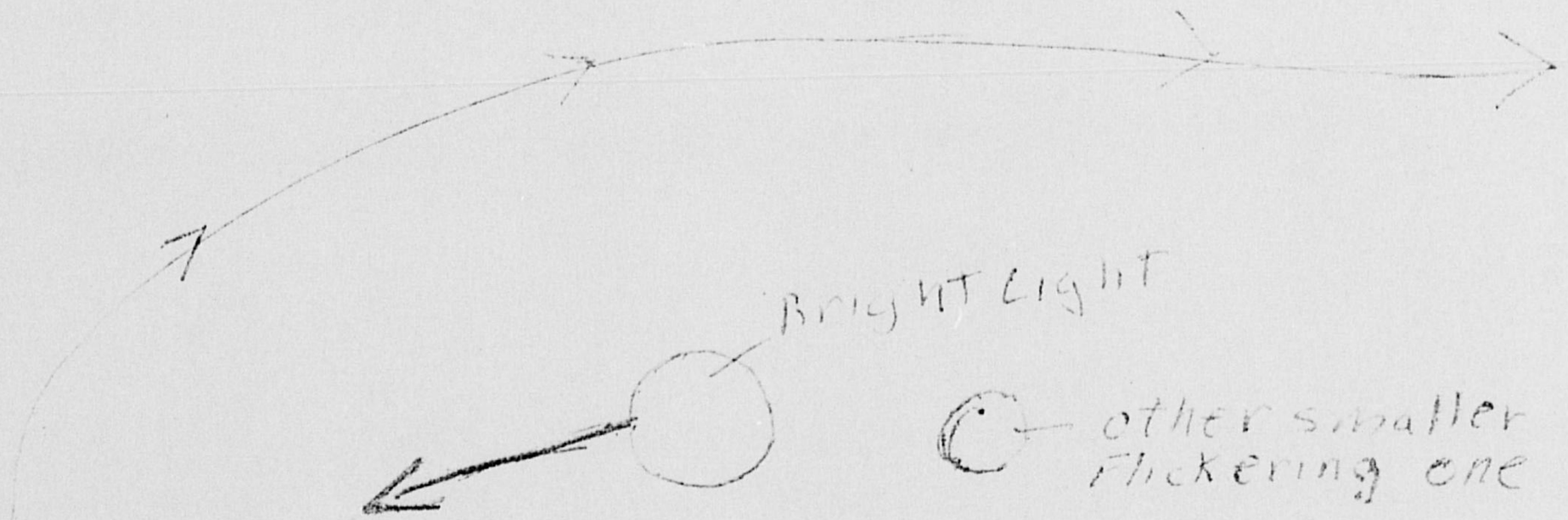
I LOOKED UP TO SEE IF THERE WERE ANY CLOUDS IN THE SKY BECAUSE IT SEEMED LIKE A BEAUTIFUL NIGHT.

A. HOW DID IT FINALLY DISAPPEAR?

IT PICKED UP SPEED FAIRLY SLOWLY. THERE WAS A DEFINATE PICK UP SPEED BUT IT DIDN'T EXACTLY "RUN AWAY". THE UFO FADED FROM SIGHT GOING NORTHWARDS AND NORTH.

B. DID THE PHENOMENON MOVE BEHIND OR IN FRONT OF SOMETHING, LIKE A CLOUD, TREE, OR BUILDING AT ANY TIME?
☐ YES ☒ NO. IF "YES," DESCRIBE.

15. DRAW A PICTURE THAT WILL SHOW THE SHAPE OF THE PHENOMENON. INCLUDE AND LABEL ANY DETAILS THAT MIGHT HAVE APPEARED AS WINGS OR PROTRUSIONS, AND INDICATE EXHAUST OR VAPOR TRAILS. INDICATE BY AN ARROW THE DIRECTION THE PHENOMENON WAS MOVING.



THE RELATION OF THE 2 LIGHTS IS SLIGHTLY OFF. THE SMALLER BLINKING ONE SHOULD BE ABOUT HALF AN INCH MORE TO THE RIGHT.

16. WHAT WAS THE ANGULAR SIZE? HOLD A MATCH AT ARM'S LENGTH IN FRONT OF A KNOWN OBJECT, SUCH AS A STREET LAMP OR THE MOON. NOTE HOW MUCH OF THE OBJECT IS COVERED BY THE HEAD OF THE MATCH. NOW IF YOU HAD BEEN ABLE TO PERFORM THIS EXPERIMENT AT THE TIME OF THE SIGHTING, ESTIMATE WHAT FRACTION OF THE PHENOMENON WOULD HAVE BEEN COVERED BY THE MATCH HEAD.

WHEN THE UFO WAS FIRST SIGHTED ABOUT HALF TO $\frac{3}{4}$ OF IT WAS covered - IT WOULD COVER ABOUT ONE LIGHT OF THE OBJECT.

17. DID YOU OBSERVE THE PHENOMENON THROUGH ANY OF THE FOLLOWING? INCLUDE INFORMATION ON MODEL, TYPE, FILTER, LENS PRESCRIPTION OR OTHER APPLICABLE DATA.

X	EYEGLASSES		CAMERA VIEWER
	SUNGLASSES		BINOCULARS
X	WINDSHIELD		TELESCOPE
	SIDE WINDOW OF VEHICLE		THEODOLITE
	WINDOWPANE		OTHER

A. DO YOU ORDINARILY WEAR GLASSES? ☒ YES ☐ NO

B. DO YOU USE READING GLASSES? ☐ YES ☒ NO

18. WHAT WAS YOUR IMPRESSION OF THE SPEED OF THE PHENOMENON? GIVE ESTIMATE OF SPEED 200 mph

19. WHAT WAS YOUR IMPRESSION OF THE DISTANCE OF THE PHENOMENON? GIVE ESTIMATE OF DISTANCE about 10 miles.

20. IN ORDER THAT WE MAY OBTAIN AS CLEAR A PICTURE AS POSSIBLE OF WHAT YOU SAW, DESCRIBE IN YOUR OWN WORDS A COMMON OBJECT OR OBJECTS WHICH, WHEN PLACED IN THE SKY, SIMILAR TO WHERE YOU NOTED THE PHENOMENON, WOULD BEAR SOME RESEMBLANCE TO WHAT YOU SAW. DESCRIBE SIMILARITIES AND DIFFERENCES BETWEEN THE COMMON OBJECT AND WHAT YOU SAW.

ITS HARD TO SAY; THIS OBJECT WASN'T LIKE ANY THING I EVER SAW. A PLANE OR JETS LIGHTS EXCEPT THEY WERE FAIRLY LARGER, SLIGHTLY TINTED Yellow, ALWAYS BLINKING IN THE STRANGE ON-OFF-ON- A LITTLE TIME INBETWEEN AND THEN ON-OFF-ON (THE SMALLER LIGHT TO THE RIGHT) AND ALSO THE LIGHTS JUST DIDN'T APPEAR LIGHT.

21. DID YOU NOTICE ANY ODOR, NOISE, OR HEAT EMANATING FROM THE PHENOMENON OR ANY EFFECT ON YOURSELF, ANIMALS OR MACHINERY IN THE VICINITY? ☐ YES ☒ NO. IF "YES," DESCRIBE.

A. DID THE PHENOMENON DISTURB THE GROUND OR LEAVE ANY PHYSICAL EVIDENCE. ☐ YES ☒ NO. IF "YES," DESCRIBE.

22. HAVE YOU EVER SEEN THIS OR A SIMILAR PHENOMENON BEFORE? ☐ YES ☒ NO. IF "YES," GIVE DATE AND LOCATION.

23. WAS ANYONE WITH YOU AT THE TIME YOU SAW THE PHENOMENON? ☒ YES ☐ NO. IF "YES," DID THEY SEE IT TOO? ☒ YES ☐ NO.

A. LIST THEIR NAMES AND ADDRESSES

MR. [redacted]

IRVINGTON, NY 10533

24. GIVE THE FOLLOWING INFORMATION ABOUT YOURSELF

LAST NAME, FIRST NAME, MIDDLE NAME [redacted]

ADDRESS (Street, City, State and Zip Code) [redacted] RD ARDSLEY N.Y. 10502

TELEPHONE (Area code and number)	AGE		MALE		FEMALE
[redacted]	13 ±	✓	MALE		FEMALE

INDICATE ADDITIONAL INFORMATION INCLUDING OCCUPATION AND ANY EXPERIENCE WHICH MAY BE PERTINENT.

Well, there's not much to say about me except I go to ARDSLEY HIGH SCHOOL. EVERY ONCE AND A WHILE I'D PICK UP A BOOK AND LAUGH AT THE REPORTS. BUT NOW AFTER SEING THIS UFO I'M WONDERING IF THERE REALLY IS SOMETHING UP THERE. THERE MAY BE. TO BELIEVE IN UFO'S YOU MUST See it to believe it. WHEN YOU THINK YOU KNOW WHAT I SAW I'D GREATLY APPRECIATE IT IF YOU WROTE ME A LETTER EXPLAINING WHAT I SAW. YOU HAVE MY ADDRESS HERE. THE UFO IS STILL FRESH IN MY MIND.

25. WHEN AND TO WHOM DID YOU REPORT THAT YOU HAD SIGHTED THIS PHENOMENON?

NAME Proj. Blue Book Information DAY 27 MONTH February YEAR 1968

26. DATE YOU COMPLETED THIS QUESTIONNAIRE.

DAY 14 MONTH March YEAR 1968

27. INFORMATION WHICH YOU FEEL IS PERTINENT BUT WHICH IS NOT ADEQUATELY COVERED IN THIS QUESTIONNAIRE, ALTERNATIVELY PROVIDE A NARRATIVE EXPLANATION OF THE SIGHTING.

I think that Everything was nicely covered in this QUESTIONNAIRE.

IF YOU SENT A LETTER AND QUESTIONNAIRE TO MY FATHER, YOU MAY RECIEVE A SLIGHTLY DIFFERENT REPLY BECAUSE HE LEFT FOR ABOUT 2 MINUTES IN THE MIDDLE OF THE SIGHTING- TO GET HIS CAR FROM THE GARAGE.

25 or 26 Feb 68

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

REPLY TO ATTN OF: TDPT (UFO)

? May 68

SUBJECT: UFO Observation , 25 or 26 February 1968

TO: Mr. [redacted]
Ardsley, New York 10502

Your name has been given to the Aerial Phenomena Office (Project Blue Book) as being a witness to an unidentified flying object. If you were a witness to an UFO sighting on 25 or 26 February 1968 would you please complete the attached AF Form 117 and return it in the envelope provided. If you were not a witness to this sighting, would you please make a statement to this effect on the attached form. The information which you provide will be used in evaluating this observation. Thank you for your assistance in this matter.

HECTOR QUINTANILLA, Jr, Major, USAF
Chief, Aerial Phenomena Office
Aerospace Technologies Division
Production Directorate

1 Atch
AF Form 117 w/envelope

25 FEB 68

SAF-OIC/Miss Turnure/76526/Mar. 5, 1968

MAR 6 - 1968

Dear J[redacted]

This will reply to your letter of February 26, 1968, in which you described an unidentified flying object (UFO) that you and your father observed.

Without additional information, we cannot offer an explanation of the UFO you saw. However, if you will complete the attached questionnaire and mail it in the inclosed envelope, our technical people at Wright-Patterson Air Force Base will be able to investigate further and make an evaluation.

Should you ever sight another UFO, please report it as soon as possible to the nearest Air Force base. Each base has a UFO investigator, who is in a better position to make an on-the-spot investigation which usually results in a more accurate analysis.

In the meantime, we are sending you some literature that may help you identify the sighting. Thank you for reporting it to the Air Force.

Sincerely,

DAVID L. STILES
Lt Colonel, USAF
Chief, Civil Branch
Community Relations Division
Office of Information

Attachments

Mr. J[redacted]
[redacted]
Ardsley, New York 10502

SAF-OIC

✓Coord Cy - SAF-OIC
Cmbk Cy - SAF-OIC
Activity Cy - SAF-OIC
Reader Cy - SAF-OIC
Stayback

cc: WPAFB

Feb-26, 1968

[redacted]

Orangeburg N.Y. 10962

Dear Sirs,

Last night (the 25th) I saw a U.F.O. It was in the western skies about 9:00 PM. When I first saw it heading SW, it was like a star except larger and it was yellowish tinted and it had 2 lights. The smaller of the 2 on the right side was dimmer it pulsated. Just as it was going out of sight it made a sudden turn and flew north, still in the western skies. It went upward as it went north and then out of sight. It was seen for about 5 minutes before it flew away. I was in Irvington, N.Y. at the time. I know it was not a plane because of its strange flight (strangely slower than any plane). It didn't stop and hover at any time. There were no sounds from the object which was going across the Hudson and up the Rockland coast. No plane has lights like this thing. I couldn't discern any shape. The first impression I got when I saw it was "That

If you don't believe me because of my age (13) you can ask my father. My phone number if you're interested is 06-3-0007. We both saw the object but I saw it longer because I noticed it first and a few minutes later he got the car. We then watched it go out of sight. The UFO started to go behind a building but I stepped back so I could still see it. It never left my view for a second and my father saw it most of the time. When I saw other U.F.O's on the paper I decided I would write in to you.

Thank You,

[redacted]

NCIO

12 Feb 68
Colombia

EASTERN COLOMBIA
February 12, 1968

Analysts at the U. S. Air Force Aerospace Defense Command in Colorado Springs, Colorado, concluded that an object which plummeted to earth in Eastern Colombia in mid-February was a portion of the unmanned Apollo 5 spacecraft launched from Cape Kennedy on January 22, 1968.

Apollo 5 was one of a series of test launches being conducted by the National Aeronautics and Space Administration in preparation for a manned lunar mission.

Reports in the South American press described a strange, 125-pound metallic object which produced three loud, sonic-boom like explosions as it came down in the Colombian province of Meta on February 12.

Orbi al analysts at ADC had predicted that the descent stage of the Apollo lunar module would decay on February 12 within plus or minus five minutes of 1751 Greenwich Mean Time (10:51 a.m. MST). Its north to south track over Mexico and the Caribbean Sea would have carried the object to the Colombian impact area well within the predicted time frame.

This evaluation was provided by the 1st Aerospace Control Squadron, 9th Aerospace Defense Division, ADC, which operates the Space Defense Center in the North American Air Defense Command's Cheyenne Mountain complex near Colorado Springs.

The Space Defense Center is the command post for a global network of electronic and optical sensors operated by the 9th Aerospace Defense Division to detect, identify and track earth-orbiting satellites.

34. Date you completed this questionnaire: (15TH) Sunday February 1968
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.

I feel that this object was not a comet or a satellite. It moved in an irregular pattern. Airplans don't speed up and travel straight up. It resembles the picture on page 39 only farther away.

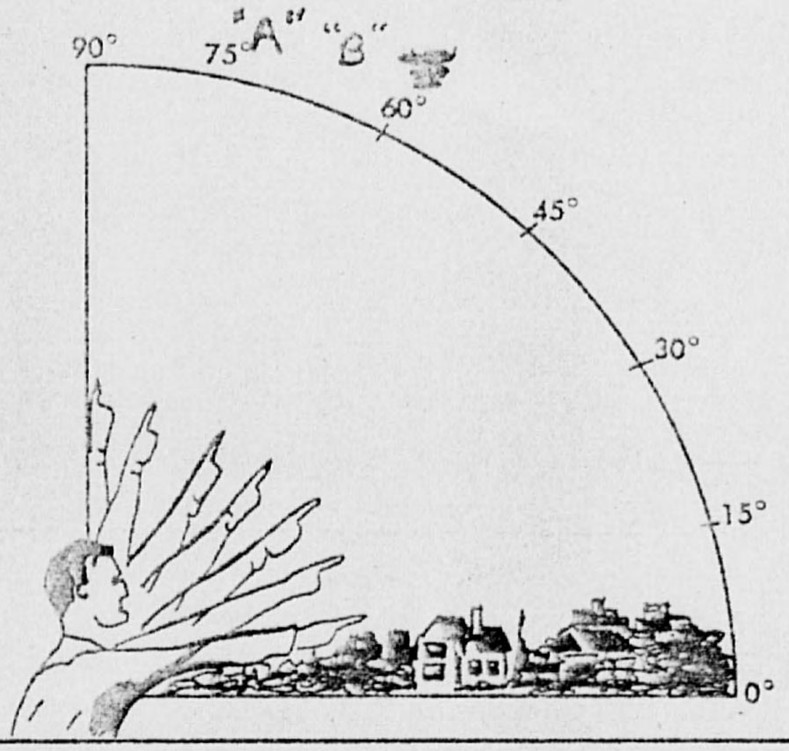
I am begining to wonder why I saw this light twice. Why did I see it when I was alone? What made me wake up and spontaneously go to a window in our livingroom and open the windows to witness this thing?

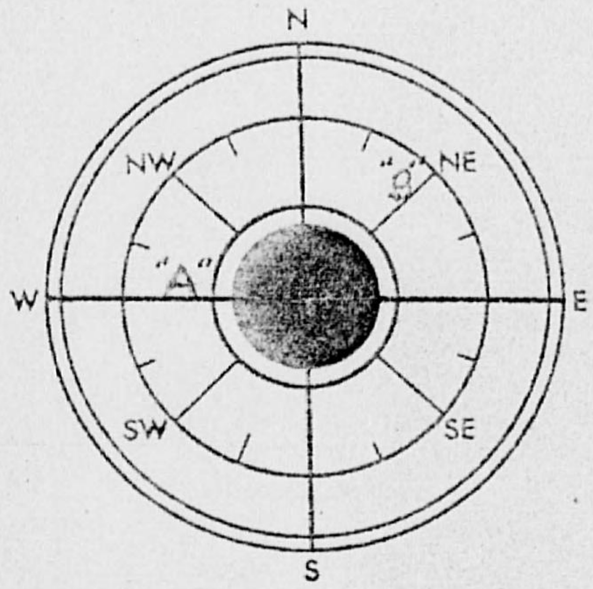
I read the interrupted journey [redacted] but I don't believe this has anything to do with my sighting.

I was awake both times and I saw the same thing what can it mean?

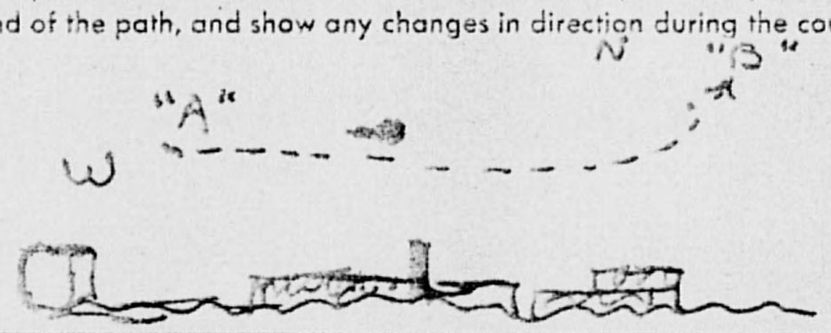
Official U.S. Air Force

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 when 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.



I lowered the object because it was about at 75° and I put in the horizon.

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.

UFO form continued

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

YES! For some strange reason I woke up at 4:00 P.M. in the morning in December and I saw the exact same thing.

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] Wilmington 19801 Delaware
Street City Zone ZIP State

TELEPHONE NUMBER [redacted] AGE 18 SEX MALE

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

I am a senior at Wilmington High School. I have no police record. I belong to several groups and clubs. I have no complexes in reference to the mental health aspect.

I also saw another object a few years ago in the presence of my mother and sister, they saw it too. It was reported and covered by several others in the city. It was orange-red and had a green vapor trail. It made a 90° turn and disappeared!

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

_____ Day _____ Month _____ Year

I didn't know where to report such a thing, and to whom. The nearest A.F.B is Dover A.F.B 50 miles away from Wilmington.

FORCE UFO FORM

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 (in round)
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:

It was like a piece of burning magnesium, emitting steady light.

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 (b) only there was a fuzzy or blurred tail.

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

20 Feb 68 called SPADATS and Talked
with Sgt. He said that the only
one given Christ. is obj #707 this declared

OFFICIAL U.S. AIR FOR

HITEHENS

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?

(15) Thursday February 1968
Day Month Year

2. Time of day: 8 Hours 15 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

Wilmington City or Town

Delaware 19801 ZIP
State or County

5. How long was object in sight? (Total Duration)

_____ Hours 5 Minutes — Seconds

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

5.1 How was time in sight determined? by time of 2 T.V. commercials and I station break.

5.2 Was object in sight continuously? Yes X No _____

6. What was the condition of the sky?

DAY	NIGHT
a. Bright	(a. Bright)
b. Cloudy	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

8. IF you saw the obje

8.1 STARS (Circle C

a. None
(b. A few)
c. Many
d. Don't rem

9. What were the wea

CLOUDS (Circle On

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

10. The object appeared

a. Solid
b. Transparent
c. Vapor

11. If it appeared as a l

(a. Brighter)
b. Dimmer

11.1 Compare brigh

12. The edges of the obj

(Circle One): a.
b.
c.
d.

13. Did the object:

a. Appear to stand
b. Suddenly speed
c. Break up into pc
d. Give off smoke?
e. Change brightn
f. Change shape?
g. Flash or flicker?
h. Disappear and

was
a copy sent To

. Air Force UFO form continued

e from
f and marked

then tell what

then tell what

and note how much of the
the sighting, how much of

h any details of the object
arrow beside the drawing

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.

Nothing common.

64

Official U.S. Air Force

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

yes. after about 5 minutes it seemed to change course from West to East to a Northeast direction. It faded and went straight up!

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 silent, no motor like a plane.

b. Color bright 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?

—

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. N

NCIO 17 FEB 68

(1132)

F-1

FLIGHT CREW MEMBER REPORT FORM

for

SATELLITE RE-ENTRY OR BRIGHT FIREBALL

in conjunction with
Smithsonian Astrophysical Observatory's Re-Entry and Recovery Program

---

1. Flight EASTERN 2867 2. Date 2/15/68 3. Time 0318 E.

4. Location (DME and radial reading from a VOR unless overwater) 58 DME/090°
HARTFORD, CONN. 41°38' N. 72°32' W.
HFD VORTAC
TRUE 230°

5. Plane heading magnetic 245° 6. Altitude 14,000

7. Crew names and addresses witnessing event [redacted]
JFK F/O [redacted] EWR.

8. Estimate degrees right or left of plane heading and elevation (in degrees) above horizon of object when first sighted 10°L ± 5°

9. Estimate degrees right or left of plane heading and elevation (in degrees) above horizon of object when last sighted 5°R ± 5°

10. Apparent brightness: A. Too bright to look at _____
B. As bright as full moon BRIGHTER
C. As bright as venus _____

11. Duration of sighting 4-5 SECONDS

12. Break up noted and/or color noted YELLOW TO GREENISH AS FADED.

Was this a predicted re-entry? _____ yes _____ no

To list additional information, please use the reverse side.

Date: 2-17-68 [redacted]
Signature

If, for any reason, you wish not to be identified with whatever sighting you made, please indicate so underneath you signature. Please mail to:

Mr. Herbert E. Roth
Smithsonian Moonwatch Team Director
C/O United Air Lines Flight Training Center
Stapleton International Airport
Denver, Colorado 80207 U. S. A.

18 Feb 68

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

REPLY TO ATTN OF: TDPTR-4 / Lt Col Smith / 70069

EVAL: ICE

SUBJECT: Vashon Island - UFO Report

TO: TDPTR / UFO

1. In response to your request I have reviewed the Vashon Island, Washington "Ice" incident of February 18, 1968. In my opinion the following items cast doubt on the veracity of the report.

a. The observers were teenagers who were uneasy during the reporters' interview -- possibly indicating they weren't reporting an actual event.

b. Nothing (with the exception of the ice) more tangible than an unidentified light, which could not be verified by additional witnesses, was observed at the site.

c. The sighting occurred after midnight at an isolated location. The reason for the teenagers visiting a gravel pit after midnight is not explained in the report -- and frankly difficult to justify.

2. Two facts included in the report should be commented upon. First is the statement by Tony Ortego that the pond or gravel pit is located in a cold spot on the island. It is well-known that large temperature differentials can be experienced as a result of local terrain, and it would not be unusual for a pond located in a protected area, such as a gravel pit, to freeze during a period of very low temperatures, and remain frozen for a number of days after the Weather Bureau reports the official temperature above freezing. The fact that Mrs. Jackson was able to obtain a piece of ice 5½ inches wide by 1 inch thick approximately 17 hours after the incident would indicate the temperature in the pond was near freezing.

3. The second point worthy of comment is the texture of the ice. It is obvious that the ice contains air pockets and particles of gravel or soil. When muddy water, such as one would expect to find in a gravel pit, crystallizes, the ice often contains foreign particles. The suspension of rocks or soil particles in the water during the freezing process will result in the formation of small air pockets in the ice. The layer effect observed in one of the photographs indicates water in the pond froze on

two different occasions. The layering effect, plus the inclusion of foreign matter, would seem to indicate that the ice was formed as the result of nothing more glamorous than the freezing of a muddy pond.

4. It seems highly unlikely, considering the location of the incident; however, the ice could have been formed as the result of water vapor rising from thermal regions of the soil. The presence of strong temperature gradients (1-2°c/cm) are necessary to help this process. The vapor rises taking trapped soil particles with it to the upper layers of the water where it condenses and, if the temperature is low enough, it freezes, leaving air bubbles and soil particles trapped in the ice layers. The growth of the layers of ice depend upon the ambient air temperature, water-soil temperature gradient, temperature gradient in the soil and perhaps particle size of the soil.

5. In summary, I find nothing in the evidence submitted with this report which would indicate anything occurred other than as the result of a natural phenomenon.

Boyce M. Smith

BOYCE M. SMITH Lt Col, USAF
FTD/STAFFMET

Photos returned to Dr. Hynek

[redacted]
Mountlake Terrace, Wash., 98043
March 13, 1968

Dr. J.A. Hynek
c/o Department of Astronomy
Northwestern University
Evanston, Illinois

Dear Dr. Hynek:

A copy of the report of the Vashon Island, Washington "ice" incident of February 18, 1968 which you requested is enclosed. The original report, along with water and soil samples, was submitted to the Aerial Phenomena Research Organization on March 4.

Information concerning the analysis of the samples should be available from APRO in the near future. If there is any further information which I might be able to supply, do not hesitate to request it.

Your talk at the University of Washington on February 27 was extremely interesting and very much enjoyed. I hope you have the opportunity to speak in this area again soon.

Sincerely,

[redacted]
APRO

RECEIVED
MAR 15 1968
ASTRONOMY DEPARTMENT
NORTHWESTERN UNIVERSITY

2-2?-68

INTERVIEW WITH MR. & MRS. [redacted]

(The ice sample shown in the accompanying photographs belonged to the [redacted]. They related the following information to me during the photographic session in their front yard:)

The sample was taken from the frozen pond at about 5:00 pm on Sunday, February 18.

The [redacted] did not report any unusual disturbances on the night of the sighting near their home, but they did say that a similar light had been seen by their daughter and her boy friend (the gravel pit is a local lovers' lane) about four or fuve years back.

Mr. [redacted] stated that he had seen some UFO's in 1953. Briefly, the sighting occured on a clear, hot day during the summer in Seattle. He reports seeing twelve disks (like"pink balloons) in the northern sky. The disks were "playing" (circling around each other) as they crossed to the south. One disk was reported to have left the group at a very high speed.

INTERVIEWER'S COMMENT

Both of these people were very anxious to cooperate with me. They agreed to keep the sample of ice for a month before getting rid of it. It is therefore available if needed for further investigation.

[redacted]
Mountlake Terrace, Wash. 98043
March 4, 1968

Mr. [redacted]
APRO
3[redacted]
Tucson, Arizona

Dear Mr[redacted]

Material making up the report of the incident at Vashon Island, Washington on February 18 is enclosed. My notes are included essentially as originally written, but typed for easier reading. Samples of water from a melted chip of the ice sample photographed for this report and a water sample of the pond in question (taken a week after the incident) will be sent under separate cover.

I will attempt now to summarize the incident and its aftermath in a brief form. Further details and discrepancies in stories of the witnesses can be found in the notes and data accompanying this letter.

Three youths, all between 18 and 19 years old, drove into a gravel pit approximately 1 mile east of the town of Vashon on Vashon Island, Washington between 12:00 am and 1:00 am, Sunday morning, February 18, 1968.

They travelled on the access road, through heavy rain, to a point where the road ended in a pond. A "U" turn was made at the edge of the pond and the car was stopped facing north on the access road. (The attached sketch illustrates the area.)

After the car was stopped, all three witnesses observed a glowing object resting on a hill to the right of the car.

The object was described as "oval" or "crescent" shaped and as having a glow which was difficult to describe. The phrases used to describe the nature of the light were "shiny type of glow","reflected light", and "pale, bluish-white light".

Size of the object was estimated by [redacted] to be 25 to 30 feet across. [redacted] also estimated that the car was approximately 100 feet from the object. No sound was heard.

The length of the sighting was variously estimated by the witnesses to be from one minute to five or ten minutes. After some discussion on how "wierd" the object appeared, the men decided to go back to Vashon and bring friends to the site.

How did they know to go back?

B[redacted] returned to the area with a friend, J[redacted] [redacted] parked the car on the main road and both men walked into the pit area on the access road. Upon rounding the curve of the access road and gaining a view of the gravel pit, they observed the object.

The object had moved from its original position to a point, according to [redacted], which was across the pond from his viewing point. [redacted]'s account placed the object to the left of the pond on this, his first sighting.

[redacted] described the object as being lens shaped, about the size of a compact station wagon and made of shiny metal. As was the case with the other witnesses, [redacted] had difficulty describing the quality of the light radiated by the object. He was insistent, however, that the light appeared to be reflected and not generated from within the object.

Length of the second sighting of the object was estimated by [redacted] to be ten seconds. [redacted] must have bolted immediately after seeing the object for a second time and, when [redacted] noticed that [redacted] had gone, he also made for the car. The two men then returned to Vashon to fetch more people to the scene.

When the next group of people returned to the area, the object was nowhere to be seen. It was discovered at this time, however, that a pond of water, approximately 100 feet in diameter and located within the gravel pit, was covered with ice.

The discovery was reported to deputy sheriff Don Holke at 2:00 am. He investigated the report immediately.

The presence and characteristics of the ice were difficult to explain: Temperatures in the area were well above freezing and had been thus for several days previous to the sighting. Puddles bordering the frozen pond showed absolutely no signs of ice.

Holke reported that the pond was frozen solid and thitamdd as much as one foot from the edge of the pond was firm in places. Another unusual feature of the ice was its unusual dryness... considering the fact that it was raining very heavily at the time. The pond was checked for radiation and no abnormal levels were discovered.

Other details uncovered during the subsequent investigation of the incident were that the ice on the pond measured as much as three inches thick in spots and that it was formed in layers ranging from two to five in quantity. The ice was also riddled with large numbers of bubbles containing air and dirt.

I heard of the incident three days after it took place. My investigation began on Wednesday, February 21 with an interview of officer Holka in his office on Vashon Island. The following Saturday, February 24, was spent gathering the remainder of the material found in this report.

Soil and water samples were sent to the King County Sheriff's Crime Laboratory in Seattle. I contacted a [redacted] this morning to determine if any interesting results had been found in the course of analyzing the samples. He reported that an analysis had not been performed, because of the heavy work load of the laboratory. He said that I could pick up the samples tomorrow if I wanted them. His only request was that I furnish him with a copy of the report made to APRO. These samples should be in the mail to you tomorrow afternoon.

Despite the fact that several discrepancies exist in the stories of the witnesses who saw the object, I believe that they were telling the truth as they saw it. [redacted], for example, was noticeably upset while recounting the incident. At one point, during the interview at the gravel pit, he was spooked by the noise of a cracking branch. The type of uneasiness which he displayed would have been difficult to fake.

Another puzzling aspect of the incident is the formation of the ice. It is extremely unlikely, on the basis of weather reports and the testimony of witnesses, that it was cold enough to freeze the water in the pond to a two inch thick, solid mass (witnesses reported that large rocks thrown to the center of the pond bounced on the ice.).

The possibility of a prank is unlikely because of the size of the affected area. A prankster would have had to go to a very great deal of trouble and expense to pull off such a joke. What kind of a motive would he have?

One aspect of the incident which has repeatedly come to mind is the difficulty which all of the witnesses had in describing the characteristics of the light which they observed. The glow must have been something extremely unusual to cause their apparent groping for words to describe it. Another puzzle is the repeated statement by the witnesses that light radiated by the object appeared to be reflected. This is important when you consider the fact that it was heavily overcast and that no sources of light were known to be in the area which could have caused a reflection.

The triangular area found on the edge of the pond may or may not be significant. One might hypothesize that something was put into the pond at that point. There is, however, no evidence to confirm this notion.

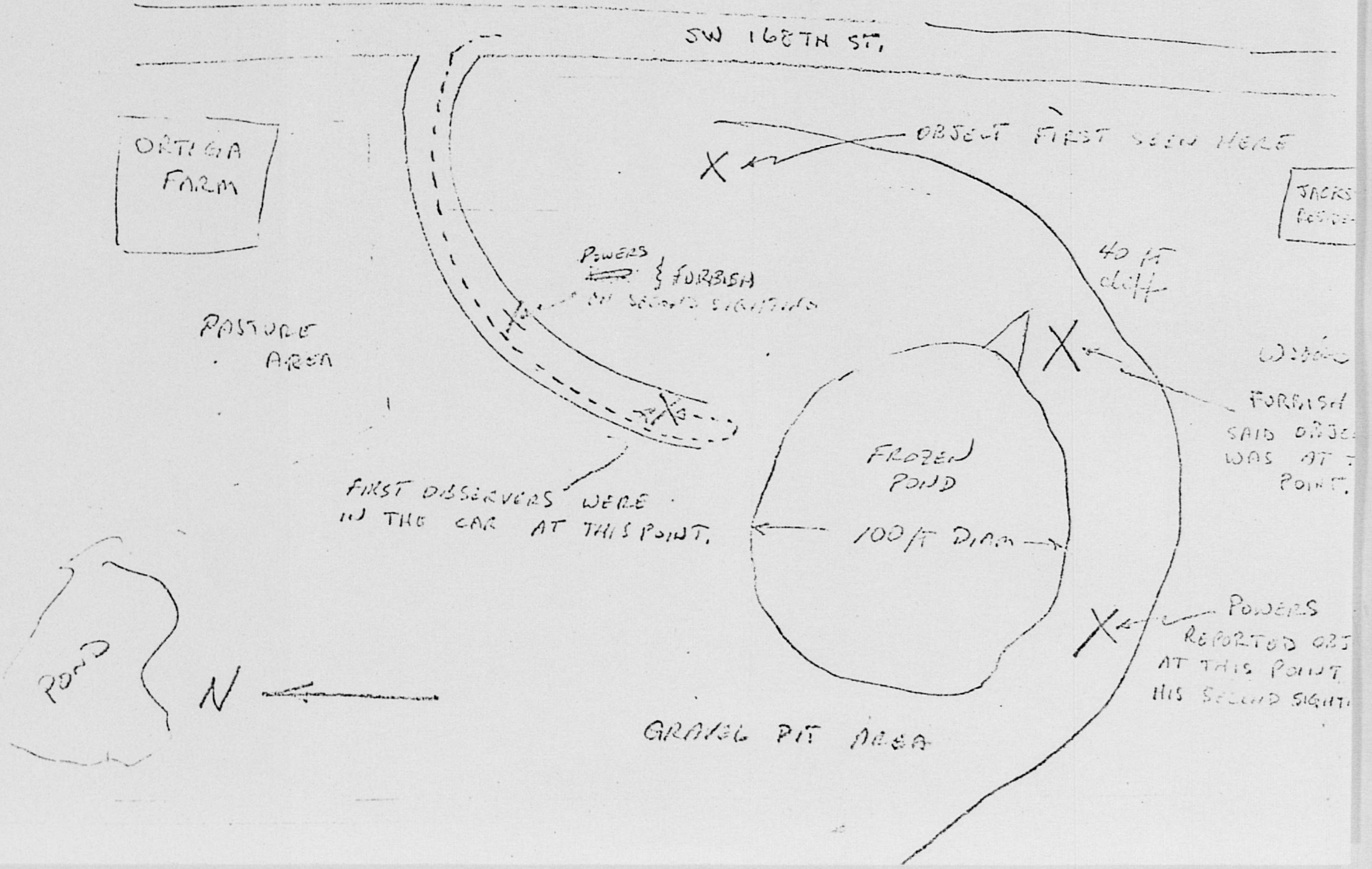
I have speculated enough on the matter, but there is one additional comment which I would like to make before closing: The Vashon Island incident is the first incident of this type which I have investigated in person and in detail. The experience has bordered on the traumatic side. The apparent credibility of the witnesses, the unusual formation of ice in the aftermath of the sighting and the general confusion surrounding the incident have raised more questions than answers. In short, my attitudes towards the problem of UFO's has been greatly altered. To say the least, the experience has brought forth a very strong desire to learn more about this incident and others of similar kind.

Hopefully, further analysis of the material in this report by others will shed some more light on the problem. Should you need any additional data, I will try to run it down.

Sincerely,

[redacted]

Diagram of Area Where the Incident Took Place



2-28-68

INTERVIEW WITH D[redacted]

(D[redacted] was interviewed by telephone. He related the following account of the incident:)

[redacted] and the two other witnesses to the sighting, [redacted] and [redacted], drove into the pit area and made a "U" turn which would stop the car facing them to the north.

On the right side, on the hill, they observed a "light object" or "glow". The object was resting on the hill. It was described again as an oval shaped, glowing light.

Frombach had difficulty describing the nature of the glow. He best described it as a "shiny type of glow."

The object was estimated to be 25 to 30 feet across. It is estimated that the observers were 100 feet away from the object. Time was estimated at between 12:00 and 1:00 am.

No radio interference or electrical phenomenon was observed by Frombach. He stated that the car radio was not turned on at the time.

Length of observation was estimated at between five and ten minutes. The youths talked about how "wierd" the object was and decided to go into town to get their friends.

[redacted] stayed in Vashon after the first sighting. [redacted]s and [redacted]h returned for a second time.

2-24-68

INTERVIEW WITH [redacted]

[redacted] was interviewed separately from and after [redacted] and [redacted]. The interview took place in the town of Vashon.)

[redacted] stated that he was with B[redacted]s durin[redacted] second observation of the object. He reports that they parked the car on the main road and walked, via the access road, to the gravel pit area. Both of the witnesses sighted the object as they rounded the curve of the road leading into the area.

The object was described b[redacted]o be lens shaped, about the size of a compact station wagon and made of shiny bright metal. He had difficulty defining the quality of the light, but insisted on describing it as having the quality of reflected light (light not being generated within the object). [redacted] further stated that the object was on the ground, a little to the left (east) of the pond. No sound was heard.

Estimated duration of the observation was ten seconds. [redacted] reported that he looked away from the object towards [redacted] and found that he had gone. At that point, he ran back to the car to find [redacted] with the engine running and ready to leave.

Both youths drove back to town (Vashon) and brought more people out to the gravel pit area. The object was gone when they returned. The ice covering the pond was discovered shortly thereafter and the sheriff was called.

INTERVIEWER'S COMMENT

[redacted] observed more than [redacted] during the second sighting. I believe [redacted] was too badly frightened to notice much detail. [redacted] admitted fright during the incident, but stated that he would like to see the object again.

I believe he gave a good account of his observation of the object.

2-24-68

INTERVIEW WITH [redacted] AND [redacted]

(The following sequence of events was given by the youths at the gravel pit where the object was sighted.)

The three youths; [redacted] drove into the gravel pit area sometime after 12:00 pm on February 18 (Sunday morning). They drove the car to the edge of the pond and made a "U" turn, pointing the front of the car to the north. After making the turn, they noticed an unusual light off to the right of the car (east).

The source of the light was described by [redacted] as crescent shaped, giving off a pale,bluish white light. The object appeared to be on the ground. [redacted] was not specific as to the size of the object, but he did report that it appeared to be illuminated by reflected light. No sound was heard.

Weather at the time was heavy rain.

[redacted] had difficulty describing the details of the object on his first sighting. The youths were frightened by the object and went into the town of Vashon, about 1 mile distant, to bring friends to the area.

Length of the sighting was estimated by [redacted] at about one minute.

[redacted] returned to the area with [redacted] They parked the car on the main road (S.W.168th St.) and walked into the gravel pit area on the access road.

The two witnesses observed the object on rounding the corner of the access road, leading into the area of the pit. At this time they would have been approximately 75 yards north of the pond, [redacted] reported that the object had moved to a point which was across the pond, between the pond and the cliff. [redacted] stated that he just "took a look and ran."

[redacted] description of the object was vague. He described it as rectangular in shape, wider than high. He was scared by the incident and said that he was not anxious to see the object again.

INTERVIEWER'S COMMENT

[redacted] was more articulate and observant than [redacted] I was especially impressed by the difficulty he had in describing the quality of the light.

Both witnesses were uneasy during the interview, which, as mentioned earlier, was at the gravel pit area. Powers could be described as actually "jumpy". He would start at any unusual sound. We later moved the interview to a restaurant in town. Both witnesses were then more at ease.

Both witnesses mentioned that they had heard interference on their car radio at the time of the sighting. They identified the sound as being like a room full of people talking, overlayed by the station to which they were listening. They were not sure that the interference was unusual and I consider the information to be inconlusive.

I believe that both of the witnesses saw something and that both reported their observations as best they could.

2-24-68

INTERVIEW WITH [redacted]--SON OF THE OWNER OF THE SMALL RANCH JUST NORTH OF THE GRAVEL PIT AREA

(Mr. [redacted] was chosen for an interview because the gravel pit area is partially visible from the farm and because a number of horses are kept adjacent to the area of the sighting. It was during the interview that I learned that Mr. [redacted] was a friend of [redacted]

Mr. [redacted] reported that damage had been done to the side of his barn during the night or early morning periods in which the sighting occured.

He stated that only one horse, the most gentle on the ranch, could have done the damage. He also reported that he had not heard any disturbances during the times of the sighting or observed any injuries to the horse on the morning following the incident.

Mr. [redacted] frequently visits the gravel pit to practice shooting. he reported seeing ice on the pond during a visit of February 12. A second visit on February 17 revealed that the ice was breaking-up. Estimated thickness of the ice on February 17 was 1.5 inches. He mentioned that the gravel pit was a cold spot on the island, but that it was warm and raining on the 17th and for the next two days, leaving little chance for the ice to last.

INTERVIEWER'S COMMENT

Mr. [redacted] gave the impression of accuracy in his statements. He did not jump to the conclusion that the horse had damaged the barn, because he had not heard a disturbance or observed any injury to the horse. He state that he thought it was "likely" that the horse had done the damage.

RE-INTERVIEW OF OFFICER HOLKE AND AN OFFICER TERRELL:

Neither officer was aware that soil samples had been taken by officer Allman and both expressed surprise when I told them.

Officer Terrell stated that the sample of ice which he had seen had three layers.

ADDITIONAL COMMENT

[redacted] and [redacted] mentioned during their interview that they had seen the ice on the pond support 15 or 20 people at one time. They also noted that one of the individuals had broken through the ice and fallen into the pond shortly thereafter. These observations were probably made on the Sunday afternoon following the sighting.

2-24-68

INTERVIEW WITH DEPUTY SHERIFF TERRY ALLMAN

(At this point, it is not clear to me whether officer Allman was with officer Holke when he first investigated the incident. Allman did, however, report the following observations to me:)

1. He made radiation measurements on and around the pond. Results were negative.
2. The phrase used by the youths when they reported the incident to the office was, "Come quick. Its starting to melt." This statement was significant to him and officer Holke as indicating genuine concern on the part of the youths.
3. Allman took samples of the ice and soil and sent them to the King County Sheriff's Crime Laboratory in Seattle. I was referred to a Dr. Fontan for further information.
4.

INTERVIEWER'S COMMENT

Officer investigated a number of UFO incidents on Vashon Island last summer. He reported his findings to NICAP. He appeared to be a capable observer and showed an above average interest in the subject of UFO's.

I am a little disturbed by the fact that officer Holke was unaware of the fact that officer Allman had taken soil and water samples.

2-21-68

INTERVIEW WITH DEPUTY SHERIFF DON HOLKE

A number of excited teen agers came into the sheriff's office at approximately 2 am, Sunday, February 18, 1968. Holke stated that they were all excited and that "they were talking all at once."

Two of the youths, [redacted] and [redacted]s reported that they had seen an "aluminum" colored light, approximately the size of a car rising from a gravel pit just outside the town of Vashon. (see attached sketch of the area.) The youths also reported that a pond of water in the pit had been frozen.

Deputy Holke, along with a large number of island residents (Holke estimates 50), went to the gravel pit to investigate the report.

The followingaobservations were made by officer Holke:

1. A large pond, approximately 100 feet in diameter, was found frozen in the gravel pit area. Mud approximately one foot from the edge of the pond was also firm in spots. Neighboring puddles, however, showed no signs of freezing or ice.
2. Officer Holke broke through the ice and determined that it was approximately two inches thick. Holke estimated the depth of the pond at two feet during his second visit to the spot on Sunday afternoon.
3. The two inch layer of ice was conposed of five sub-layers, or laminations, which were filled with masses of small air bubbles.
4. The surface of the ice-covered pond was, in Holke's words, "dryer than it should have been." (It was raining heavily at the time he investigated the incident.) An unusual triangular shaped area, with a base length of approximately 3 feet, where it entered the pond, was also observed. (See sketch for location.)

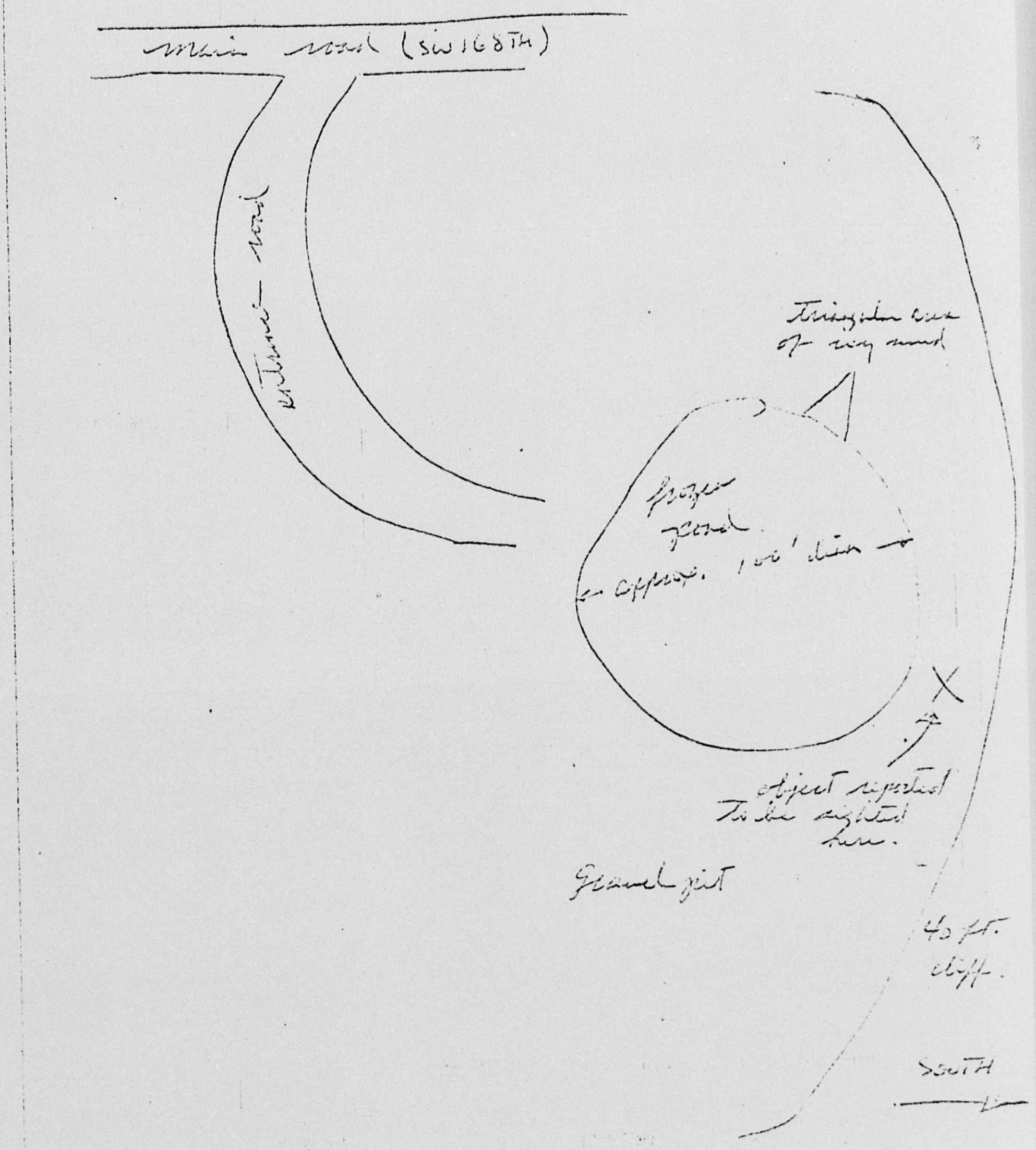
The following responses to my questions were obtained:

1. Temperature was well above freezing (estimates 40°F).
2. Pictures of the ice were taken by reporters from the local newspaper, the Beachcomber Press.
3. No unusual odor was observed in the sighting.
4. The likelihood of a prank being played was rejected by Holke because of the large area affected.
5. He reported that no samples of pond water had been taken.
6. No power lines are in the vicinity of the sighting.
7. No unusual impressions or physical evidence, other than the frozen pond, were found in the area.
8. A Nike missile launch site is the only military installation on the island.
9. A number of commercial radio transmitters are on the island.
10. Holke and another officer, Terry Allman, returned to the gravel pit area at 1 pm, Sunday afternoon(11 hours after the sighting). The ice was approximately haf thawed at this time.
11. A third visit was made to the area at 1 pm on Monday, February 19. The ice was gone at that time. A large number of people had been to the gravel pit since the sighting and had heavily tracked the area. Several of the visitors had taken samples of the ice home to put in their freezers.

INTERVIER'S COMMENT

Holke was cooperative and appeared to be genuinely puzzled by the incident. His responses to my questions were carefully considered and, for the most part, concise. I would rate him as a good observer.

Reproduction of a sketch by Don Hollis - 2-21-6



2-28-68

DATA ON WATER SAMPLES

Sample #1 is the water and residue from a chip of the pond ice found at the scene of the sighting. The ice sample was taken by [redacted] a resident adjacent to the gravel pit area. See photographs accompanying this report for further data on the ice sample.

Sample #2 was taken from the pond on the afternoon of February 24. Note that road crews had bulldozed the gravel pit area in the week intervening between the sighting and collection of this sample.

Mysterious Ice Forms After 'U.F.O.' Incident

Ice two inches thick was found in a Vashon Island gravel pit where two Island youths reported seeing a mysterious, shiny object about 2 a. m. yesterday, Deputy Sheriff Don Holke reported.

Joe Furbush, 13, said he and Boone Powers, 18, saw the object as they stood a half block away. "It was shiny and seemed highly polished," Joe said.

The two "took off" and contacted Holke, who, with about 50 others, went to the gravel pit about two miles north of Vashon. Holke said that despite the rain there was no water on top of the ice which covered the pond in the pit.

Other puddles in the area were not frozen, Holke said.

Holke last summer investigated a number of reports of unidentified flying objects in the Vashon area. The objects were blamed for frightening livestock.

Seattle Times
Feb. 19, 1968 - Night Sports Final

A SLAB OF ICE taken from the pond where strange lights were seen early Sunday is held by Ray Smith. This photo was taken Sunday afternoon after heavy rains had deluged the area for two days. The pond is in the background. noticed thick ice on the pond after being attract usual glowing light. Bill Mann is at right.

Unidentified Bright Light, Ice Pond Confuse Residents

by Nancy Nelson

"You've got a mystery," commented the U. S. Weatherman Monday after hearing reports from Vashon about an unidentified bright light and an adjacent pond of ice which aroused Islanders over the weekend.

The weatherman said it was "extremely unlikely" that Vashon could boast a pond with ice two inches thick on Sunday after two weeks of sunshine and warm rains.

The episode which caused the consternation began about midnight Saturday when a carful of teenage boys noticed a "glowing" light at the gravel pit west of Vashon.

The light scared Dick Frombach, Chris Beachner and Boone Powers, who left the pit and went to The Alibi to tell of their experience. Boone, 19, convinced 16-year-old Joe Furbush to accompany him for thing I've seen in my life," Boone recalls. After staring for a moment, they dashed for the car.

Safely back in town, they told other friends of the experience and convinced a group to accompany them back to the area. The light was gone but a solid sheet of ice lay over the pond where the light had been. The youths walked on the ice — it was 3 inches thick in spots, Boone said. The puddles nearby were all water and the ground around was muddy. After walking around on the ice, they left to report the event to Deputy Don Holke.

Holke spent a half hour on the spot. He confirmed that there was no water on the ice and adjacent puddles were ice-free. The pond had a good two inches of ice atop it. Some portions of the surrounding ground seemed firm rather

mains unidentified and the ice has since melted.

But was the ice there all the time?

There are conflicting reports which The Beachcomber attempted to clarify. The pond adjoins property owned by the Ortega family. Son Tony reports that there was still some ice left there last week, but it sure wasn't two inches thick, he maintains. With the warm, heavy rains Saturday, there should have been water atop the ice, but there was none.

Bill Magill cannot answer for the light, but he feels the ice has been there since the last big freeze several weeks ago. Magill's road crew uses the gravel pit often, even though they did not use it during the past week. He is positive that the ice was there because the sun would not hit

Vashon Island Beachcomber Thursday, Feb. 21, 1964

2-28-68

I spoke with the Seattle ESSA Weather Bureau office and obtained the following data on lowest temperatures at Seattle-Tacoma Airport for the period from February 13 through February 19:

Date	Lowest Temp. (°F)	
2-13-68	38°	
2-14-68	35°	
2-15-68	33°	
2-16-68	34°	
2-17-68	44°	rain
2-18-68	50°	rain
2-19-68	50°	rain

A further call to the weather bureau climatology office yielded the attached information on weather conditions on Vashon Island and how they differ from Seattle-Tacoma Airport weather. Results are summarized below:

Seattle-Tacoma Airport Maximum Average Temp.	59.2°F
Vashon Island Maximum Average Temp.	59.4°F
Seattle-Tacoma Airport Minimum Average Temp.	42.9°F
Vashon Island Minimum Average Temp.	42.5°F

U.S. DEPARTMENT OF COMMERCE, WEATHER BUREAU IN COOPERATION WITH
THE WASHINGTON STATE DEPARTMENT OF COMMERCE AND ECONOMIC DEVELOPMENT
CLIMATOGRAPHY OF THE UNITED STATES 20-45

CLIMATOLOGICAL SUMMARY

LATITUDE 47° 26'
LONGITUDE 122° 30'
ELEV. (GROUND) 231 ft.

STATION: VASHON ISLAND, WA

MEANS AND EXTREMES FOR PERIOD 1931-1954

Month	Temperature (°F)							** #	Precipitation Totals (Inches)								Mean number of days					
	Means			Extremes								Snow, Sleet					Precip. .10 inch or more	Temperatures				
																		Max.		Min.		
	Daily maximum	Daily minimum	Monthly	Record highest	Year	Record lowest	Year	Mean degree days	Mean	Greatest daily	Year	Mean	Maximum monthly	Year	Greatest daily	Year		90° and above	32° and below	32° and below	0° and below	
(a)	24	24	24	24		24		24	24	24		24	24		24		24	24	24	24	24	
JAN	43.5	33.3	38.4	66	1935	8	1943	825	6.74	3.24	1935	4.6	19.5	1935	14.0	1943	12	0	2	12	0	JAN
FEB	47.6	35.0	41.3	68	1941+	11	1950+	665	5.58	3.90	1951	1.3	8.0	1936	4.0	1949+	11	0	1	9	0	FEB
MAR	52.5	36.6	44.6	74	1934	25	1936	630	4.56	2.63	1950	.8	11.3	1951	5.3	1951	11	0	0	6	0	MAR
APR	59.5	40.3	49.9	82	1940+	25	1935	455	2.75	1.85	1937	T	T	1954+	T	1954+	7	0	0	2	0	APR
MAY	65.5	44.2	54.9	88	1953	29	1954	315	1.94	1.33	1941						6	0	0	*	0	MAY
JUN	70.5	48.3	59.4	95	1942	36	1944	170	1.69	1.20	1931						5	*	0	0	0	JUN
JUL	75.2	50.7	63.0	96	1942	40	1939	80	.82	1.09	1934						3	*	0	0	0	JUL
AUG	74.1	51.7	62.9	95	1952+	42	1935	80	.95	1.06	1936						3	*	0	0	0	AUG
SEP	68.4	49.3	58.9	91	1944	35	1934+	185	2.21	2.02	1933						5	*	0	0	0	SEP
OCT	59.3	44.7	52.0	81	1934	21	1935	405	4.52	2.14	1934						9	0	*	*	0	OCT
NOV	50.7	39.6	45.2	70	1949	19	1935	595	6.61	2.16	1942	.4	7.5	1946	6.0	1946	12	0	0	4	0	NOV
DEC	46.0	36.5	41.3	64	1939	13	1941+	735	8.16	3.22	1937	.8	7.7	1948	3.0	1948	14	0	*	8	0	DEC
Year	59.4	42.5	51.0	96	JUL 1942	8	JAN 1943	5140	46.53	3.90	FEB 1951	7.9	19.5	JAN 1935	14.0	JAN 1943	98	*	3	41	0	Year

(a) Average length of record, years.

T Trace, an amount too small to measure.

** Base 65°F

+ Also on earlier dates, months, or years.

* Less than one half.

Estimated

NARRATIVE CLIMATOLOGICAL SUMMARY

Vashon Island, located in Puget Sound, southwest of Seattle and north of Tacoma, covers an area 12 miles long and 4 miles wide. State-owned ferries provide regular service to the Island from Seattle, Tacoma on the mainland and Southwick on the Kitsap Peninsula. There are numerous small harbors and coves along the Island's 50-mile shoreline. The terrain is rolling with hills rising 300 to 500 feet above sea level.

In a northwesterly direction and within a distance of 40 miles, the Olympic Mountains rise to elevations of 4000 to 7000 feet. This range is very effective in protecting the Island from the more intense winter storms moving inland from over the Ocean. In an easterly direction and within 50 miles, the Cascade Mountains reach elevations of 5000 to 7000 feet with snowcapped peaks in excess of 10,000 feet. The Cascades shield the Puget Sound area from the higher summer and lower winter temperatures observed in eastern Washington.

The climate is predominantly a mid-latitude, west-coast marine type with cool dry summers, mild but rather rainy winters and a small range in temperature. During the spring and summer, a clockwise circulation of air around the large high pressure area over the north Pacific brings a flow of comparatively dry and cool air from a northwesterly direction into western Washington. As the air moves inland, it becomes warmer and drier, resulting in a dry season beginning in the late spring and reaching a peak in mid-summer. During July and August, it is not unusual for 2 to 4 weeks to pass with only a trace of precipitation. Afternoon temperatures in the warmest months are in the 70's and nighttime readings are in the 50's. Maximum temperatures reach 80° or 85° on a few afternoons, however, 90° is unusual. The hottest days occur when hot dry air from east of the Cascades reaches this area. The humidity is low under these conditions and the warmest afternoons are not especially uncomfortable. Following one or two hot days, cool air from over the Ocean moves inland and temperatures return to the 70's. Fog or low clouds sometimes form during the early morning hours and disappear before noon.

During the fall and winter seasons, the low pressure area near the Aleutian Islands intensifies and the high pressure area over the north Pacific becomes smaller and moves southward. A circulation of air around these two pressure centers brings a prevailing flow of warm moist air from a southwesterly direction into the State. This results in mild winter temperatures and a rainy season beginning in October, reaching a peak in mid-winter and gradually decreasing in the spring. Snowfall is light and seldom remains on the ground longer than a few days. Average afternoon temperatures in the coldest months are in the 40's and the nighttime readings are in the 30's. The coldest weather occurs when cold dry air from Canada or east of the Cascades reaches the Puget Sound area. The sky is generally clear under these conditions and minimum temperatures may range 12 to 20 degrees and maximum temperatures remain near freezing for a few days.

Cloudiness, sunshine, relative humidity and wind data recorded at Seattle are representative of conditions on the Island. The number of clear or only partly cloudy days each month increases from about 8 in mid-winter to more than 20 in midsummer. The percentage of possible sunshine ranges from 24% in December to 62% in July. The average relative humidity in mid-afternoon ranges from 45% in July to 77% in December. During the late night and early morning hours, the relative humidity ranges from 75% to 90% most of the year. The prevailing direction of the wind is north in midsummer and south or southwest the remainder of the year.

Earl L. Phillips
State Climatologist
U.S. Weather Bureau
Seattle, Washington

Average Temperature (°F)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Ann'l
1931	-	43.6	45.8	51.4	57.0	59.0	63.0	63.0	58.4	-	-	38.6	-
1932	37.0	38.7	45.1	48.9	53.5	60.1	60.9	62.0	58.4	52.8	46.9	37.2	50.3
1933	36.0	35.9	43.6	47.8	51.2	57.0	60.2	64.8	55.4	52.0	45.6	44.6	49.7
1934	43.4	45.6	49.0	54.1	55.7	59.2	61.5	63.8	57.2	53.0	46.8	41.4	52.5
1935	39.3	42.1	41.6	47.4	53.8	59.3	62.3	59.8	57.2	45.8	39.3	40.0	49.0
1936	42.0	33.6	41.8	51.3	56.2	60.3	61.8	63.8	56.9	53.3	44.3	41.6	50.6
1937	28.8	39.1	45.8	47.3	53.6	60.2	62.1	61.0	58.6	53.9	46.0	42.0	49.9
1938	40.2	41.5	43.7	51.0	54.3	60.0	63.9	60.6	60.4	51.6	42.6	41.5	50.9
1939	41.8	38.0	43.8	-	-	-	63.4	63.5	57.8	52.1	48.7	44.8	-
1940	41.8	44.2	48.4	51.9	56.4	62.2	63.6	63.4	61.6	54.8	42.0	43.1	52.8
1941	42.8	45.4	50.6	52.6	56.6	60.1	66.6	63.3	57.4	52.8	47.6	41.8	53.0
1942	39.8	41.3	45.4	51.4	55.7	58.9	66.7	66.0	59.6	54.2	43.0	42.3	52.0
1943	34.4	43.8	44.1	51.6	53.5	58.4	63.0	62.4	61.0	53.5	46.4	40.8	51.1
1944	40.0	41.7	43.2	50.4	54.3	59.7	64.4	65.4	62.0	55.6	44.9	39.0	51.7
1945	42.6	42.5	43.4	47.4	56.5	58.2	63.2	62.2	57.0	51.8	44.4	40.6	50.8
1946	40.6	42.2	44.2	48.4	57.0	58.4	63.2	62.2	58.0	46.8	40.0	38.5	50.0
1947	38.2	42.4	45.8	50.0	55.6	57.8	59.6	-	59.2	-	47.4	44.3	-
1948	41.0	39.8	44.2	46.4	53.4	62.3	62.6	62.4	56.6	50.6	42.9	36.8	50.0
1949	32.0	37.9	45.6	51.8	57.4	59.0	61.8	63.5	60.6	49.0	50.0	39.7	50.7
1950	27.4	40.8	43.1	48.0	51.9	61.5	63.3	64.5	59.2	50.7	44.7	45.6	50.1
1951	38.3	41.6	40.5	51.1	54.7	62.3	65.0	62.8	59.7	51.5	45.3	37.5	50.8
1952	37.6	42.0	43.6	50.2	54.9	57.8	64.1	64.7	61.2	54.5	45.3	42.1	51.4
1953	45.0	42.1	45.1	48.7	54.7	57.7	63.4	64.0	60.1	54.1	47.5	43.1	52.1
1954	36.8	43.9	42.5	47.5	54.9	56.9	59.7	64.1	59.1	50.8	49.1	42.0	50.4

PROBABILITY OF 32°, 28° AND 24° OCCURRING AS LATE IN THE SPRING OR AS EARLY IN THE FALL AS DATES LISTED IN THE FOLLOWING TABLE

	PROBABILITY - SPRING				PROBABILITY - FALL			
	75%	50%	25%	10%	10%	25%	50%	75%
32°	Mar 25	Apr 5	Apr 18	May 1	Oct 15	Oct 26	Nov 7	Nov 19
28°	Feb 7	Feb 23	Mar 8	Mar 21	Nov 13	Nov 24	Dec 9	Dec 31
24°	-	Jan 21	Feb 9	Feb 24	Dec 2	Dec 16	Dec 31	-

In the above table, the 50% point is the same as the average for each freeze category.

From a statistical view-point based on past data, the probabilities could be considered as follows when converted into the number of occurrences to expect in a 40-year period:

75% - 30 years in 40 — 25% - 10 years in 40

50% - 20 years in 40 — 10% - 4 years in 40

Total Precipitation (Inches)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Ann'l
1931	7.30	3.62	6.44	3.48	1.13	4.45	.00	.17	3.58	4.48	5.64	10.25	50.65
1932	6.14	6.24	6.02	3.52	.24	.24	2.50	1.20	.32	4.68	13.40	7.61	52.11
1933	8.06	4.06	7.24	.96	2.70	1.03	.98	1.00	5.19	5.27	4.79	23.44	64.72
1934	11.12	2.31	3.65	.82	3.61	.15	1.38	.25	2.54	6.73	9.61	8.21	50.38
1935	13.01	3.14	5.49	1.71	.30	1.50	.43	.40	2.30	4.00	3.22	6.77	42.27
1936	10.94	8.15	3.15	1.29	3.99	3.69	.84	1.56	1.63	1.10	1.21	9.35	46.59
1937	2.45	7.28	3.30	6.87	2.28	5.20	.83	1.76	1.78	3.62	12.49	11.60	58.56
1938	4.49	5.84	5.00	3.59	1.28	.25	.22	.40	.55	4.70	3.80	6.65	34.77
1939	5.66	3.99	3.72	-	-	-	-	1.06	.71	3.13	3.57	14.12	-
1940	3.16	9.59	5.08	4.41	1.62	.64	.94	.40	2.26	8.50	4.51	6.29	47.40
1941	6.75	2.32	2.41	1.34	3.75	1.12	.60	2.64	2.94	2.65	6.62	10.37	43.51
1942	3.81	4.97	2.25	2.14	1.60	5.48	1.83	.22	.39	2.96	11.94	6.57	42.16
1943	1.99	3.42	6.82	2.91	1.38	1.76	.45	1.21	.29	5.59	2.52	2.42	30.16
1944	3.41	3.94	2.91	4.11	1.47	.90	.00	.80	1.28	3.18	7.42	2.05	31.47
1945	4.92	7.00	6.65	2.95	4.22	.32	.32	.46	3.30	2.42	5.95	8.85	47.39
1946	5.72	7.38	4.65	3.28	1.27	4.70	.74	.66	2.38	4.77	6.94	5.42	47.91
1947	7.32	5.33	3.74	1.96	.18	-	-	-	4.06	10.30	3.43	7.81	-
1948	4.14	7.91	5.39	4.17	5.12	1.92	1.83	1.72	4.25	3.76	7.62	7.32	55.15
1949	1.19	8.21	3.79	1.94	1.24	.44	.60	.52	1.90	4.85	8.70	6.94	40.32
1950	-	6.79	7.58	2.99	.78	.71	.44	1.87	1.50	8.75	8.65	9.15	-
1951	9.45	10.48	-	.99	1.78	.23	.10	.54	2.52	5.81	6.15	5.18	-
1952	4.81	3.48	2.60	1.93	.88	1.07	.48	.70	.35	.85	1.63	7.06	25.84
1953	17.01	4.01	4.37	2.45	2.14	1.93	.58	.92	3.47	5.02	9.26	6.30	57.44
1954	12.05	6.50	2.66	3.63	1.71	2.05	1.12	1.42	3.55	1.93	9.60	6.15	52.31

STATION HISTORY

The first weather records on the Island were kept by Mrs. C.B. Carpenter from July 1887 to November 1892. The exact location of this station is unknown. The station was moved several times between 1887 and 1955, however, the records are rather complete other than an occasional break of a few months. The various locations and cooperative observers were as follows:

Latitude	Longitude	Elevation	Distance from Post Office	Description of Terrain	Observer	Date
47°23'	122°26'	100'	2 mi.SE Burton	Rolling; Station 500 ft. from Sound	L.P. Vernon M.F. Hatch	11/1892- 2/1908
47°25'	122°26'	40'	1 mi. N Portage.	Edge of forest; 165 ft. from Sound.	Gertrude McClintock	2/1908- 2/1911
47°25'	122°27'	220'	3/4 mi. N Portage	Forest area SE side of Island	Byron S. Wise Linda Wise	1/1914- 5/1925
47°25'	122°27'	440'	500 ft. so. Vashon	East side of Island	James Dann	11/1925- 2/1927
47°26'	122°27'	450'	1 mi. N. Vashon	1 mi. from Sound	A.J. Linestad	2/1927- 7/1929
47°26'	122°30'	231'	3 mi. NE Vashon	West slope 3/4 mi. from Sound.	O.T. Ranquist	1/1931- 2/1955

2-28-68

DATA COVERING PHOTOGRAPHS

The enclosed color photographs were taken by the writer on the afternoon of February 24. The camera used was a Pentax Spotmatic, 35 mm SLR. Vemar 1+,2+ and 3+ lenses were used for extreme closeups. The film used was Kodacolor X. Shutter speed was 1/125 second. Lens stops ranged from f8 to f5.6.

The ice sample shown in the photographs belonged to Mr. [redacted] (see separate interview sheet), whose house is south and close to the gravel pit area where the object was sighted. The ice sample had been kept in the Jackson's freezer since being taken from the pond at about 5:00 pm, Sunday, February 18.

Photo #9 shows the sample viewed from the front surface (the side exposed to the air). The dark spots are pockets of extremely fine dirt or grit imbedded in the ice.

Photo #10 and #13 show the details of the surface seen in #9 above. (Note: The orange tint is probably due, for the most part, to the wood underneath the ice.)

not included

Photo #6 shows the bottom view (water side) of the ice sample. Bread crumbs from the [redacted]s freezer are visible as yellow flecks in the upper left hand quandrant of the picture. The long lines running over the surface were made by the plastic bag and partial melting of the sample.

Photo #14 shows a detail view of the bottom surface of the sample.

Photo #8 is a distant view of the sample's edge shortly after its removal from the freezer. The front surface is to the right and the bottom surface is to the left. The laminar construction is clearly shown. Note also the fine grit imbedded on the water side layer near the bottom of the picture.

Photo #12 and #15 show the imbedded grit and bubble cross sections with more detail. Note the elongated bubbles; some filled with grit, others filled only with air.

Photo #16 shows the pond looking south from the access road. (The youths who sighted the object for the second time were back a little farther and in the same approximate position when the sighting took place. The object would have been on the bank in the center of the picture if the object was where [redacted] powers reported it to be. According to [redacted] however, it would have been to the extreme left of the picture.) The triangular shaped area described by Deputy Sheriff Holke would have been to the left of the picture. Note that the pit had been worked by the highway crew during the week intervening between the sighting and the taking of the photographs. As a consequence, the shape of the pond and surrounding area has been considerably altered.

Photo #17 shows the pond looking towards the east. The first observation of the object was made to the extreme left of the picture.

UFO Sighting Reported In Logan

City police were called at 3 a.m. today to investigate a report of a UFO sighting on Fountain St.

Officers said there was nothing at the scene when they arrived.

The object was described as white and circular, with lights around the edges, and was reported as being occupied by men dressed in dark suits and wearing white helmets.

Feb 19 - 1968

Feb-20-AG-p.68 [redacted] T.O. Feb-6

Logan, Ohio -
43138

Foreign Tech - Dio
Wright Patterson Air Force Base -

Inclosed you will find a clipping from our
daily paper of Feb 19- 1968 -- This is only on
of several sightings in this vicinity in the past
few weeks - But you will find my report ver
unusual, first let me give you something on the
lady who witnessed it - [redacted]
lives four doors from me - her address is
[redacted] - she is a retired nurse, offe
place to thirty years service here as superintend
of nurses, her sincerity can be vouch'd by busine
men here in Logan like Mr Barton A Hall of Loga
Clay Products Co, Police chief Roy Welch, or our
Sheriff Mr Hartman, any Banker or merchant o
undertaker or lawyer - so her sincerity
is unquestionable, After reading the clipping I talke
with Mrs [redacted] I asked her to start from the first
and give me as much of the details as she could -
remember - I will not go into them here, but I will
give you enough so if you care to investigate
she can give you the details in full - Mrs [redacted]
began by telling me, she was reading a book and ha
just finished it and gone into the bath room to
prepare for bed - being midnight, as she sat in the
she looked out the window and thought she was
[illegible] at the moon, but it was orange colored an
[illegible] at the bath room,

[illegible] this room is on the ground floor and adjoining her bedroom - she then looked out the bedroom window and saw her neighbors house and back yard in broad daylight - her next door neighbor (Mrs [redacted]) she was on fire when she saw a man, dark suit like coveralls and white helmet on - he walked from place to place and towards the little woodland on the hill, then back down - he continued to do this, she pulled her drapes and turned out the light so she could watch him without him seeing her - then she noticed a small object similar to a balloon came down the ground, this had a bright light like a powerful flash light coming out of the top - then she closed the drapes and waited for a few minutes, then she opened the drapes to peek out again, and in front of her window stood eight men - all dressed in black suits with helmets on - like the first one she saw - one of these men turned and looked at her - then she closed the drapes she thought of calling the police, but the telephone is in her room right by the door and the other end is in her bedroom - and not only right by the door but the other end is in her bedroom - and not only right by the door but right by the window - she could be overheard, so she waited and a little while later she looked out again - but her back yard, and the neighbors yard was full of men, at least a hundred was walking, casually to marching, now and then they would stoop down and do something that looked like a man would if he was taking samples of the ground, they went from place to place doing this, and on the back of the light coats on her neighbors detached and two of these men walked up on her porch - later on she tried to talk to this man - but he [illegible] she continued, as I asked

for a description of the men, and the beard on
her, she said rather tall and looked just like the
rest of your men here on earth - after Completa
they turned to be Martins - I asked if she noticed
any thing about them that could be unusual
us, she said they seemed to have something strang
to them that could be similar to a parachute,
and around the bottom of the helmet it looked lik
was around the bottom of the helmet it looked lik
long curls sticking out - time went on and
it was after three a.m. and she was getting tired
so she thought, I dont care if they do hear me, I'm goi
to call the Palace, so she looked out again and her
came the real big saucer - that's what we read abou
boat, that its called, she said it looked just like
one of the drawings and pictures, and around the
edge it had red and green lights, she saw it was
going to land, so she went up stairs and used the
television phone to call the police when they arrive
how was no one or nothing to be seen - she also tol
me she had witnessed a strange object three years ago
while driving in from Athens Ohio with another
nurse late one night - I'll not say any thing more
about this - I am enclosing a drawing of the beauty
here - perhaps it will help you to understand my
story better, if you care to investigate you have fu
consent, and if I can be of further help, dont hesitat
to call on me -

Yours Sincerely -

Mrs. [redacted]

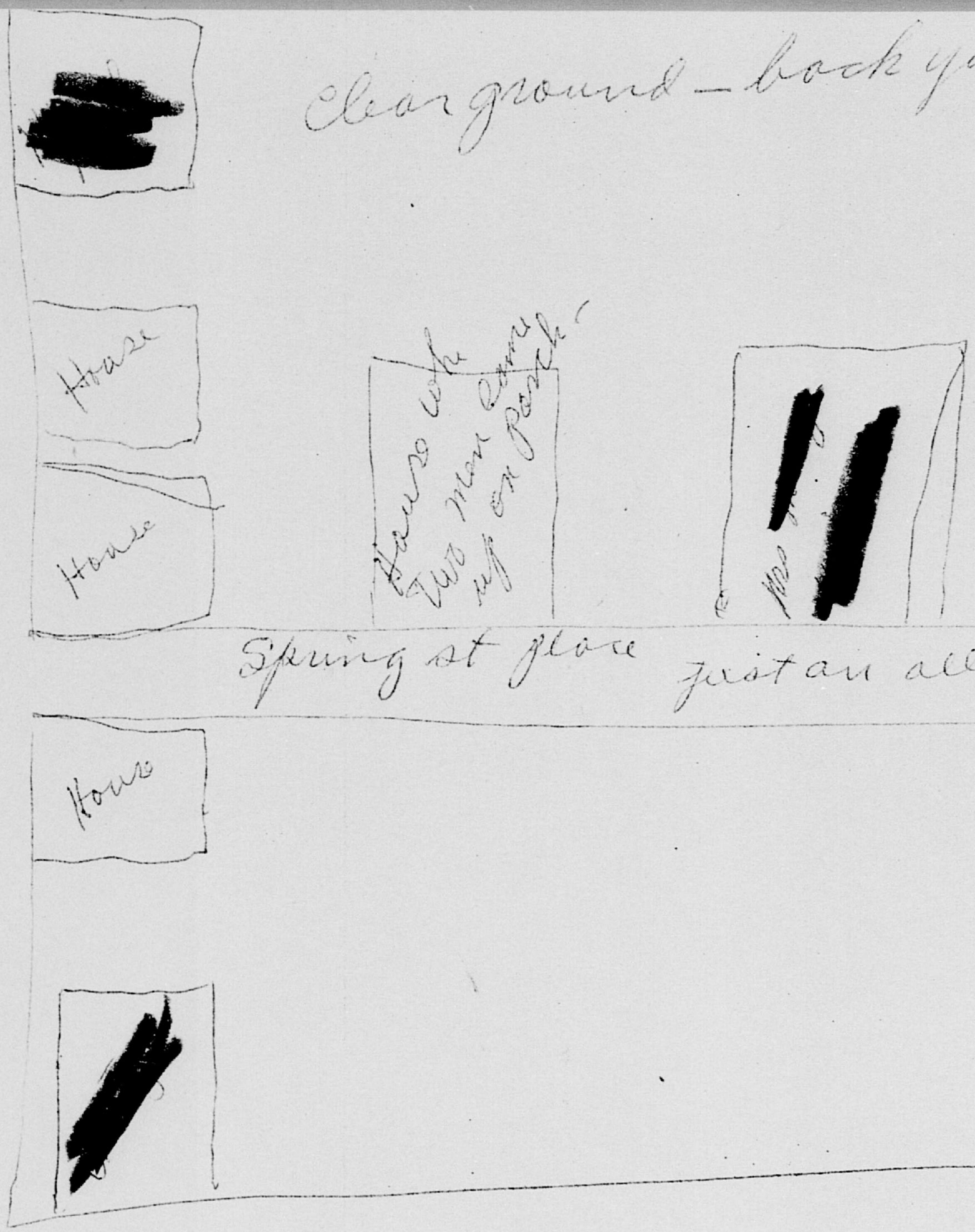
P.S. [redacted] and I both are Widows and live alone -

One block long

Clear ground – back yard gardens –

Feb 19 – 1968 –

Logan, Ohio

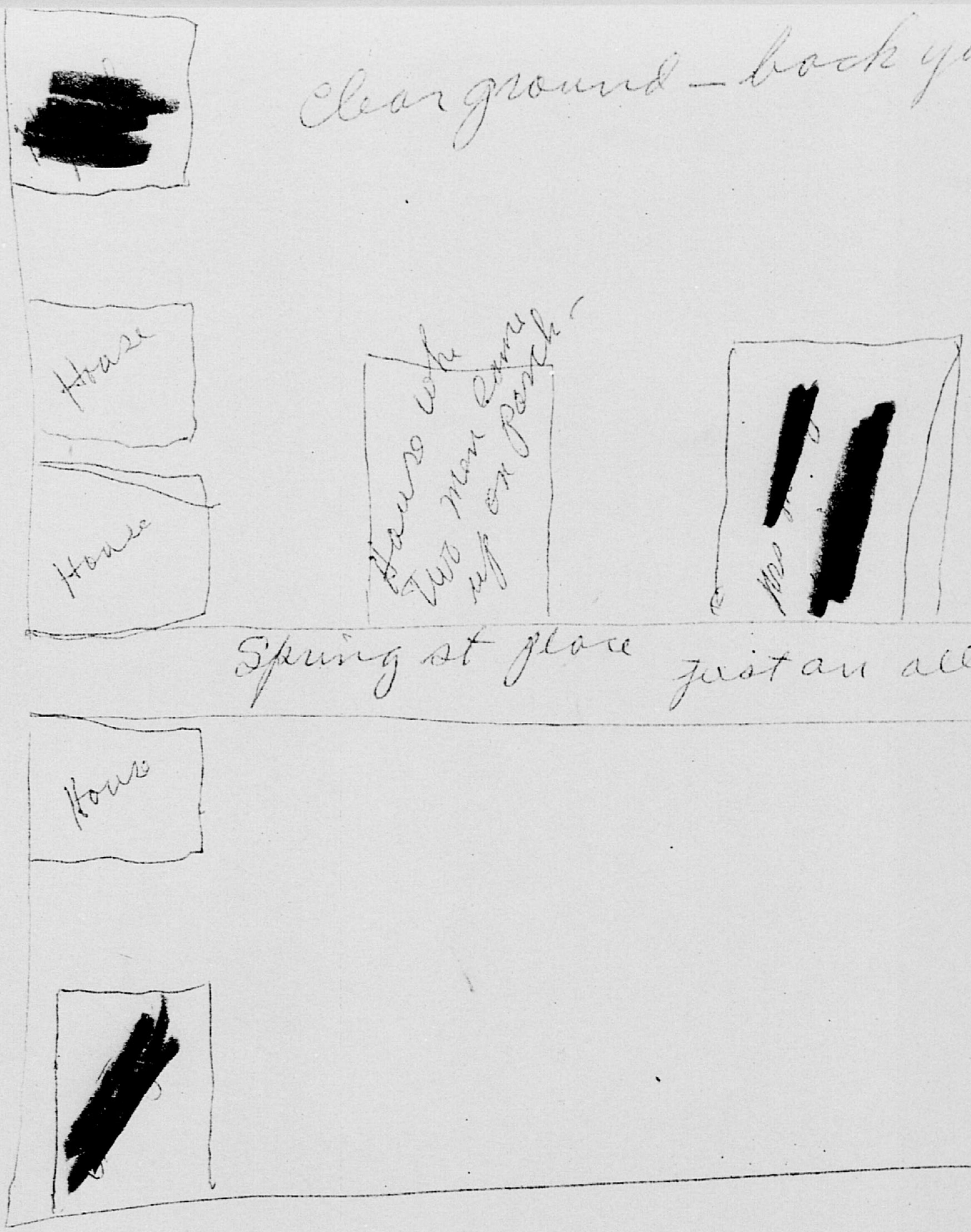


Chamberlain st

Clear ground – back yard gardens –

Feb 19 – 1968 –

Logan, Ohio



one block long

Sherman Ave

West Hunter st

NCLO 21-22 Feb 68

NEWS RELEASE

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

WALLOPS STATION, WALLOPS ISLAND, VIRGINIA 23337
TELEPHONE: VALLEY 4-3411 - EXTS. 584 and 579

FOR RELEASE: Thursday, February 22, 1968

Release No. 68-3

WALLOPS LAUNCHES SIX EXPERIMENTS OVERNIGHT

The National Aeronautics and Space Administration conducted six chemical cloud experiments between sunset last night and dawn today from its Wallops Island, Va., Station.

Liftoff times were 6:17 p.m., 12:09 a.m., 1:30 a.m., 3:00 a.m., 4:30 a.m., and 6:02 a.m. EST. There were seven launches scheduled in this series. The second launch planned for 10:30 p.m. was cancelled because of payload problems.

Three different chemicals--triethylborane (TEB), trimethylaluminum (TMA), and sodium--were used in this series, to continue the study of short term and seasonal variations in wind structure in the upper atmosphere. Similar tests were conducted at Wallops in January and July 1966, and August 1967.

The dawn firing was a sodium vapor experiment which generated a reddish-orange cloud visible for hundreds of miles

-more-

along the East Coast. The other five payloads consisted of TEB (first one) and TMA (the next four) vapor trails which formed pale green and blue clouds, less visible than the sodium.

The payloads were flown on Nike-Apache research rockets and the vapor trails were ejected at altitude ranges of about 50 to 90 miles. Data on wind conditions were obtained by photographing the motion of the trails from five camera sites within a 100-mile radius of Wallops Island.

The first rocket was equipped with a photometer for observing airglow in sunlight above the dark earth to get a vertical profile (or chart) of atomic oxygen. The five other payloads carried Langmuir probes for measuring electron energy distribution.

The launchings were conducted in cooperation with the GCA Corporation, Bedford, Mass., under contract to NASA's Goddard Space Flight Center, Greenbelt, Md. William T. Burns was the Wallops Station Project Engineer, responsible for coordinating pre-launch, launch, and tracking operations.

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VOL 35 April 68 Sky and Telescope

R.C.A.O.

25 Feb 68

Green Meteor

Enlargements of photographs from the University of Montpellier in southern France. Above, the exposures were at 11:54 UT (left) and 11:55; below, 12:28 (left) and 13:26. The scale of the last frame is a quarter larger than the rest.

leading spot was divided lengthwise, and had a diameter of some 56,000 miles.

This group was photographed by Karl Simmons, Tucson, Arizona. On January 30th, with a 4½-inch telescope, he observed 104 individual spots in the group; on February 2nd, 78 were seen.

Karl Simmons' January 30th photograph of the large sunspot group. It was taken with a 4½-inch Zeiss refractor.

Daylight fireball? Carlos E. Rost, Sanurce, Puerto Rico, sends this report: "My sunspot observing is normally done with a 6-inch reflector, but during repairs to that instrument I was using 12 x 50 binoculars and a welder's No. 14 shade glass on the afternoon of February 25th. "At 18:30 Universal time I saw a small, brilliant object move rapidly to the east of the sun, from north to south along a diagonal path. It seemed to have a somewhat greater surface brightness than the

RAZDOW AUTOMATIC SOLAR OPTICAL TELESCOPE

The solar patrol telescope depicted is a versatile automatic tracking system for monochromatic studies of flares and related phenomena. The telescope is precision engineered and manufactured for the most critical photometry and measurement in research as well as for solar patrol work. This system is controlled automatically by servo techniques from a remote control console. (Semi- or fully automated systems and prominence photography optional.)

FEATURES: 120- or 250-mm. objective lens — optical resolution to 0.6 second of arc. Simultaneous observation of the sun with high-resolution closed-circuit television. 35-mm. data recording camera and eyepiece. Sun follower with 0.5-second accuracy. Halle H-alpha filter and controls for ±1 A line shift, contrast, and bandwidth. Automatic shutoff at sunset and reversal.

ACCESSORY EQUIPMENT: Selectable effective focal length, 1,650 mm. or 5,000 mm. Occulting cones. Automatic exposure control. White-light telescope, heliographic coordinate projection system, photographic step wedge.

Experience in the manufacture of similar systems at NASA on the Apollo SPAN program, the Air Force Air Weather

13 MAR

TDPT(UFO)

UFO Observation 25,February 1968

Dr. Charles P. Olivier
American Meteor Society
521 North Wynnewood Avenue
Narberth, Pennsylvania 19072

Reference your letter of 13 March 1968 in which we forwarded you a UFO report from Elk Grove Village, Illinois. Attached is a summary of our action on the 25 February 1968 green meteor sighting. If you need further information, you might want to contact Mr. William Powers of Northwestern University or the Smithsonian Astrophysical Observatory. If we received further data on this report we will send it to you.

HECTOR QUINTANILLA, Jr, Lt Colonel, USAF
Chief, Aerial Phenomena Office
Aerospace Technologies Division
Production Directorate

1 Atch
a/s

25 Feb 68

UNIVERSITY of PENNSYLVANIA

PHILADELPHIA 19104

1968 March 20

Flower and Cook Observatory

Major Hector Quintanilla, USAF
Wright-Patterson AFB, Ohio.

Dear Major Quintanilla:

Two letters from you March 18 and another matter from an earlier communication from your AFB will all be attended to in this letter.

First; object of 1967 Oct.27- Report from Blytheville, AFB, of an object sighted between 0616 and 0622 CDT. I have two repor on that date of a bright fireball, one from St.Joseph, Mo. at 6;25 CST, one by a pilot at Long. 78°52'W, Lat. 41 50'N at 0615 CST. ~~The pilot saw it fall vertically on bearing 185,~~ the first observer from s.part of Cepheus to Andromeda or to north Due to large difference in longitude, it could hardly have been sam object. Neither fits the Arkansas report if data given there are ri

Second; report by J.A.Marshall for 1968 Feb. 25 20;02 GMT His report fully fits description of a brilliant daylight fireball and without hestitation I would classify as such. I have no oth report of this objcet. If you can get the report of the TSZ pilot mentioned in your note of Feb26, made near Jaliet,Ill., I would be very glad to get it, as then I might be able to compute its approxim path.

Third; unknown object of 1968 March 3 at somewhere near 9; p.m.,CST, from Kentucky and Tenn. etc. I now have about 8 reports. They all could be classed as fireball reports but for one thing; t durations given run from 30 to 120 seconds, most about 1 minute. Su a duration seems impossible for a fireball, as the lowest velocity one can strike the Earth's atmosphere is 7 miles/sec. I was disposed to think the first 2 who reported simply exaggerated the duration, but later independent reports confirm the unusual duration. So it is not a fireball, so far as I can see. I know that you have report not in my hands. Please let me have copies of them so its path can computed as we have here a most unusual object.

Sincerely yours,

Charles P. Olivier

C. P. OLIVIER
AMERICAN METEOR SOCIETY
521 N. WYNNEWOOD AVE
NARBERTH, PA
19072

MEMO FOR THE RECORD

1430 Hours 20 Mar 68: Called Major Nichols at Chanute AFB. Mr [redacted]n at Chicago Center called in the report to Chanute. He said that a TWA pilot stated that he saw it impact about 47 miles west of Joliet.

20 Mar 68: Called Mr [redacted] at Chicago, actually Aurora, Illinois. (Autovon 551-1013).
TWA Flight #9, Captain Dubbs, whos home base is Los Angeles called it in to him. Stated that it was 40 miles at 268 radians from Jouliet VOR. (The VOR is about 8 miles WNW of Jouliet.)
State Police airplane 551 flew out over the area about an hour later and stated that it was still smouldering.
Chicago's Observatory, (Dearborn), said that they were going to go out and investigate. Mr [redacted] thought it came down near Dixon, Illinois.

MAR 18 1968

TDPT (UFO) Maj Quintanilla/70916/mhs/16 Mar 68

Observation of February 25, 1968

Dr. J. Allen Hynek

The attached letter from Mr. J[redacted]l, regarding his observation of February 25, 1968 at Elk Grove Village, Illinois, is forwarded to your office due to your interest in meteor observations.

HECTOR QUINTANILLA, Jr, Major, USAF
Chief, Aerial Phenomena Office
Aerospace Technologies Division
Production Directorate

1 Atch
Ltr, [redacted]
Feb 26, 1968

TDPT (UFO) OFFICIAL FILE CY

MAR 18 1968

TDPT (UFO) Maj Quintanilla/70916/mhs/16 Mar 68

Observation of February 25, 1968

Dr. Charles P. Olivier
American Meteor Society
521 North Wynnewood Avenue
Narberth, Pennsylvania 19072

Smithsonian Astrophysical Observatory
60 Garden Street
Cambridge, Massachusetts 02138

The attached letter from Mr. J[redacted], regarding his observation of February 25, 1968 at Elk Grove Village, Illinois, is forwarded to your office due to your interest in meteor observations.

HECTOR QUINTANILLA, Jr, Major, USAF
Chief, Aerial Phenomena Office
Aerospace Technologies Division
Production Directorate

1 Atch
Ltr, J[redacted],
Feb 26, 1968

TDPT (UFO) OFFICIAL FILE CY

[redacted] Rd.
Apt. [redacted]
Mt. Prospect, Ill.

February 26, 1968

Major Hector Jr. Quintanilla
Chief Head Quarters of Technical division (T-DETR-UFO)
Wright-Patterson Air Forse Base,
Ohio, 45433

Dear Major Quintanilla:

I would like to report to you an observation of astronomical and of possible military interest. First let me say that I am a Flight Movement Estimator for United Air Lines and that I was for 8 years prior to college/amateur astronomer, being President of the Illinois branch of the Key Biscayne Astronomical Association.

Before going into my observation I would also like to say that I had originally contacted the Adler Planetarium in Chicago, whose staff found the observation of no interest, but directed me to the Dearborn Observatory at the North Western University in Evanston, Ill. Here, I spoke to an astronomer by the name of Lee Simon, who was very interested in the observation. Mr. Simon took all of my information and said he would advice a Dr. Heinik, the director of the observatory, who was out of town; but advised me in the mean time to find out as much information as I could on the pilot report (that I will mention later) so that when Mr. Heinik contacts me I would be able to give him a complete report. I then contacted a Chicago number of the F.A.A. in an attempt to learn the idenity of the aircraft and possibly the name of the crew that also observed what I saw, and was referred to the United States Air Force in Chicago. I was quickly connected to Colonel Hues, who was unable to supply me with information regarding the pilot report, but found my report of great interest and referred me to you.

My report is as follows: I left St. Alexus Hospital in Elk Grove Village, Ill. at approximately 20:02 G.M.T., Feb. 25, 1968, and was walking west when I began to look into the clear blue sky ahead of me. At that moment I was taken aback by a beautiful, brillant, green meteor at a slant range of about 70 degrees azimuth about 270 degrees, which moved north west to a point above my unobscured horrizon of a slant range approximately 10 degrees azimuth approximately 300 degrees, where the meteor seemed to disappear. It was hard to estimate the magnitude of the green object as it was daylight, but that it was probably 10 to 20 times or more brighter than Venus is when it is at its brightest and can be seen in the day time. Before disappearing the object displayed three dazzling flashes. The first of which occurred about half way down the meteor's path and the last two occurring in quick succession near the end of the path. The flashes were of about the intensity of clear flash bulbs being flashed towards a person about a block away. One last observation that I made was that the first flash gave birth to what appeared to be quick duration sparks in addition to the green meteor. The whole observation occurred over a period of two to three seconds and was accompanied by no detectable sound up to a count of two hundred. It made no visible con trails at the time either. Following my observation I contacted a Mr. [redacted], a long range Flight Dispatcher of United Air Lines, who contacted Chicago A.R.T.C. with my observation. He learned that an aircraft "as yet unidentified" had reported to them at about the same time as my observation, that an unidentified object had crossed it's path and had impacked on the ground just south of the Polo Intersection on airway charts, and that the object appeared to be "smouldering".

This is the extent of my research into this interesting phenomenom, and I would be very happy to repeat to you for clarity anything further in the above that you may find of interest.

Yours very truly,

[redacted]

JAM/dm

This date.

MEMO FOR THE RECORD 21 March 1968

SUBJECT: UFO Sighting of 25 February 1968, near Dixon, Illinois

21 March 68. Called [redacted], Area Code [redacted] Phone [redacted]. He said that he investigated the sighting pretty well. The TWA pilot did not actually see the fireball hit. Neither did the police plane see where it hit. The police plane was flying IFR south of Palo and saw two columns of smoke rising from a field. However, intersection of sightings given by the airline pilot (was interviewed by Smithsonian) and Mr. [redacted] shows that the object couldn't have impacted in that area but probable impacted much further north. Since the Smithsonian and Dearborn have investigated, no further action need by taken by this office.

MEMO FOR THE RECORD 26 Feb 68

Subj: Observation of Meteor, 25 Feb 68

(Lt. Bishop)

On 26 Feb 68, Chanute AFB, Illinois called to inform us of a meteor observation by a TWA Pilot, near Joliet, Illinois on 25 February 1968, 1405 hours, local time. They were quite sure it was a meteor observation, however, if additional information proved them wrong they would forward the report to Wright-Patterson AFB, Ohio.

OFFICIAL U.S. AIR

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?

25 (Day) FEB. (Month) 1968 (Year)

2. Time of day: 6 (Hours) 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) Bristol (City or Town) Penn. (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? Watch

5.2 Was object in sight continuously? Yes ✓ No _____

6. What was the condition of the sky?

DAY	NIGHT
a. Bright	(a.) Bright
b. Cloudy	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 OCT 63 164 This form supersedes FTD 164, jul 61, which is obsolete.

FORCE UFO FORM

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:

_____

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
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

64

Official U.S. Air Force UF

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

Out of Sight over Water Tower

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 Bright + Shinney

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?

3/4

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.

Air Force UFO form continued

Tower

then tell what

then tell what

and note how much of the
the sighting, how much of

any details of the object
arrow beside the drawing

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? 300

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? 6 miles

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?

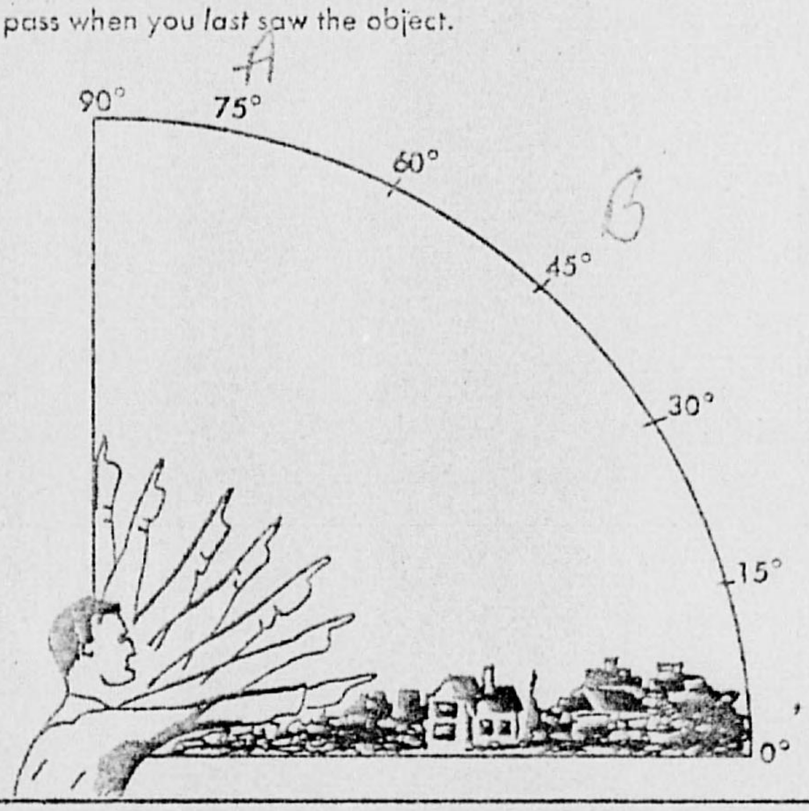
a. Eyeglasses	Yes	(No)	e. Binoculars	Yes	(No)
b. Sun glasses	Yes	(No)	f. Telescope	Yes	(No)
c. Windshield	Yes	(No)	g. Theodolite	Yes	(No)
d. Window glass	Yes	(No)	h. Other _____		

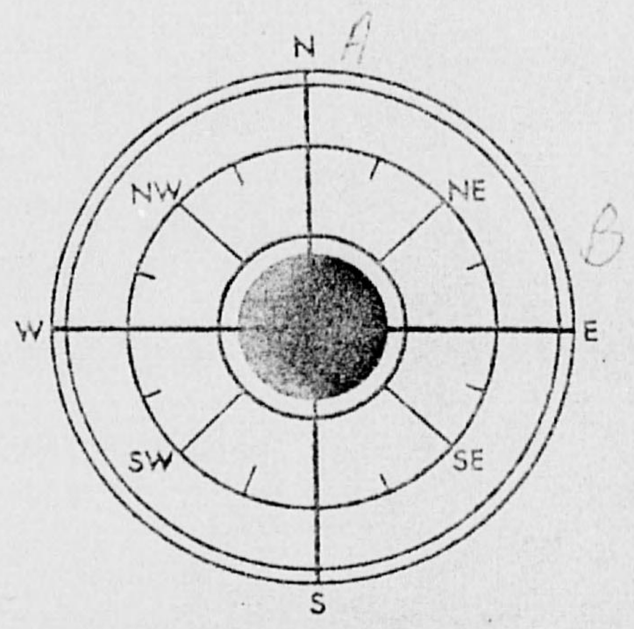
26. In order that you can give as clear a picture as possible of what you saw, describe in your own words a common object or objects which, when placed up in the sky, would give the same appearance as the object which you saw.

A CARS HUBCAP

Official U.S. Air Force

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 when 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.

UFO form continued

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:

They Do not wish To use Their names Just yet.

32. Please give the following information about yourself:

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

ADDRESS [redacted] (Street) [redacted] (City) ____ (Zone) Penn. (State)

TELEPHONE NUMBER [redacted] AGE 26 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? Two friends & my wife

25 (Day) FEB (Month) 62 (Year)

Official U.S. Air Force UFO fo

34. Date you completed this questionnaire: 26 (Day) FEB (Month) 68 (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.

Sunday Night, Clear, Temp About 35 to 40°
It was 6:30 PM. No Moon Not many stars
Object appeared to be about the size of a
Dime very Bright, No Running Lights Changed
speed & Direction often But mostly on a
N.E. Course Seemed to be About 5 to 7 miles
high Looked like a Bright star. Visible for
15 min. About 6:45 I Saw 6 or 7 Planes
going in the Direction of the object
I Think I saw it Again At 7:55 for
About 3 sec. Same size & Shape But Directly
overhead

[redacted]
Feb. 26, 1968

N.I.C.A.P.

HAMMOND

(Mailed out 2 / 27 / 68)

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?

25 Day | Feb Month | 1968 Year

2. Time of day: 9 Hours | 10 Minutes PM

(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 | San Francisco City or Town | California State or County

5. How long was object in sight? (Total Duration) _____ Hours | _____ Minutes | (Not 2) Seconds

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

5.1 How was time in sight determined? Guessing - Experimented in place to work makes me fairly certain of time seconds

5.2 Was object in sight continuously? Yes ✓ No _____

6. What was the condition of the sky?

DAY	NIGHT
a. Bright	(a.) Bright
b. Cloudy	b. Cloudy

for San Francisco

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

FORM FTD 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

City lights & trees not dark as else

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:

hazy specks of light - tiny dim bluish light bulb

12. The edges of the object were:

(Circle One):
a. ~~Fuzzy or blurred~~
b. Like a bright star
fairly 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
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

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

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: _____

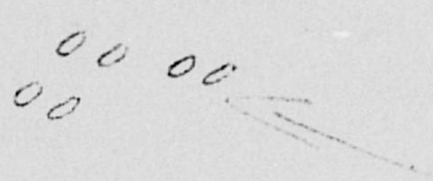
17. Tell in a few words the following things about the object:

a Sound Hum

b Color Hazy blue-ish gray a pearish gray

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? 2 discs 3 pairs in rigid group formation. Match head (head) would have covered one pair

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.



trajectory about parallel to Solstice axis - from S East to N. West. Different density over my head. Appeared suddenly overhead. Direction looking at Jupiter - maybe one degree ~~=~~ Cancer - one star further from it and one star close by.

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) (maybe a mile or two or more)

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 back porch by house.

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

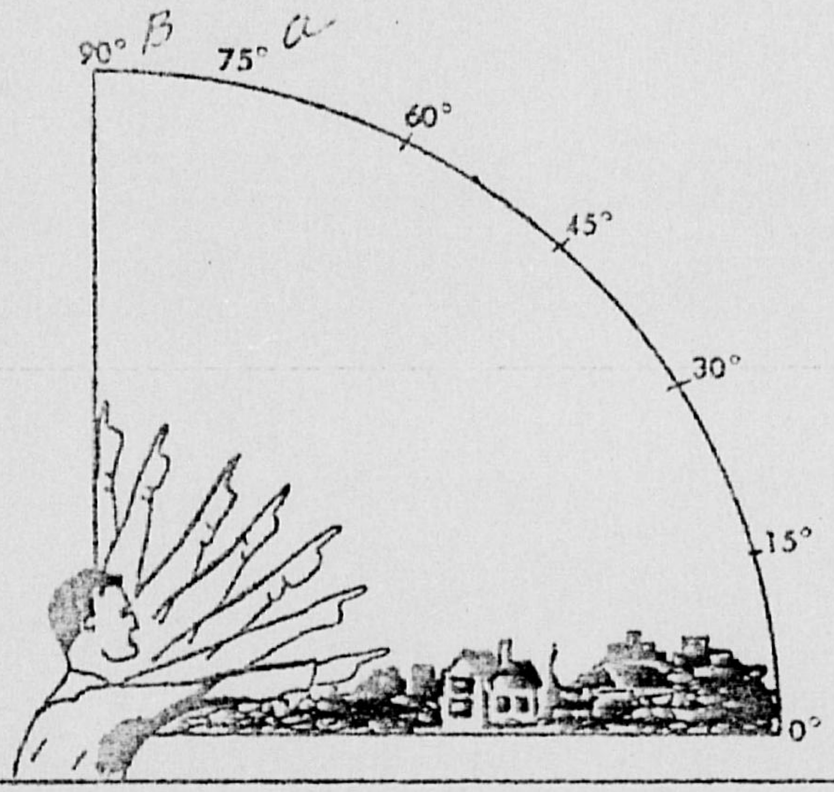
25. Did you observe the object through any of the following?

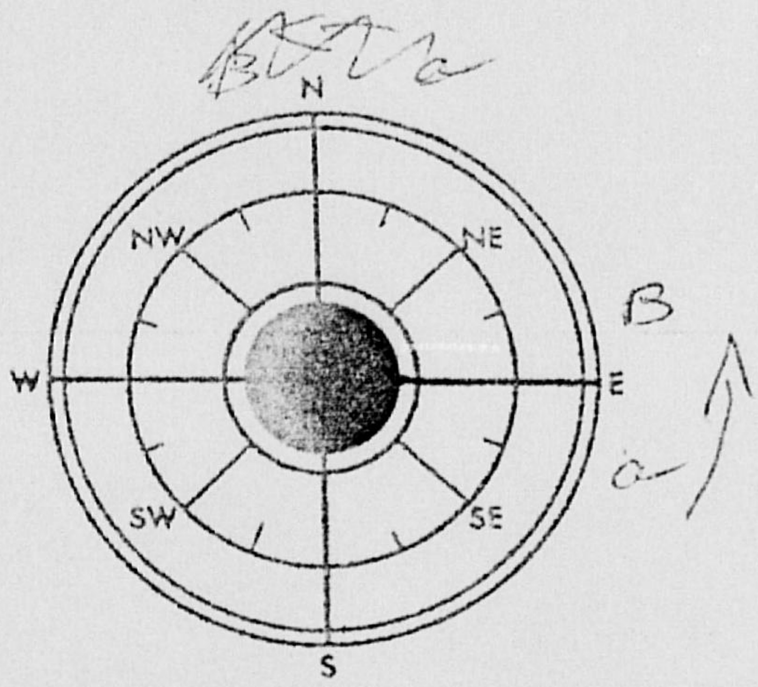
a. Eyeglasses	Yes	No ✓	e. Binoculars	Yes	No ✓
b. Sun glasses	Yes	No ✓	f. Telescope	Yes	No ✓
c. Windshield	Yes	No ✓	g. Theodolite	Yes	No ✓
d. Window glass	Yes	No ✓	h. Other_____		

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.

I had been looking at Jupiter & S. - between two faint stars. But object appeared suddenly directly over me - path South East to North West formation 2 pairs close together, & looked more like an L ~~shape~~ shaped object (inverted) than like several objects. A normal L shape of bright light spots

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 when 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? 3 planes & lights
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] _____
Last Name First Name Middle Name

ADDRESS [redacted] San Francisco 94115 Calif.
Street City Zone State

TELEPHONE NUMBER [redacted] AGE 58 SEX female

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

Am familiar with path of sun on ecliptic
can see both solstice positions from my
posch. Can recognize planets. R.A.
at time I scan group 1 to 7 17 local time
long. from Aries 150 degrees
Lat. Circa from 80 to 90 degrees in passing
Azimuth (2 times) also + 80 long from 2nd + 1
& lat 3

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

26 (Day) 2 (Month) 1968 (Year) To Planitarium

34. Date you completed this questionnaire: 27th (Day) Feb (Month) 1968 (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.

Although I was examining the sky
the object was suddenly overhead
may up from nowhere. They were
so broad it was difficult to tell
whether outlines were clear or fuzzy

DEPARTMENT OF THE AIR FORCE
HEADQUARTERS AIR FORCE EASTERN TEST RANGE (AFSC)
PATRICK AIR FORCE BASE, FLORIDA 32925

REPLY TO ATTN OF: ETWT/Mr. O'Shaughnessy/494-6866

SUBJECT: Unidentified Flying Object of 25 Feb 68 29 February 1968

TO: FTD (TDETR)
Wright-Patterson AFB
Ohio 45433

1. In accordance with AFR 70-17, para 7a, attachments 1 and 2 are forwarded for your information.

2. Mr. H[redacted], 4[redacted]t., Cape Canaveral, Florida, reported the sighting to the AFETR Command Post. Mrs. [redacted]ews, [redacted]ve, Cape Canaveral, Florida, reported the laundry bag launchings to this office on the afternoon of 27 Feb. She had already talked to the newspapers, including the local TODAY. Investigation revealed that the launch sight was 5 or 6 blocks northwest of Mr. Woodhall's home. Winds at that time are listed below:

Altitude (ft)	Direction	Speed (knots)
2000	NW	15
5000	340°	15
8000	330°	40
10000	300°	45

3. The procedural information appearing in Attachment 1 was given to the local Information Service Office during an informal phone conversation. Publication was not expected by this office.

FOR THE COMMANDER

ERNEST R. MANIERRE, Col, USAF
Director of Foreign Technology

2 atchs
1. TODAY article, 27 Feb 68
2. TODAY article, 29 Feb 68

TODAY.
27 Feb 68 - 3C

UFO SIGHTED IN BREVARD

Saucer or Star, Air Force Tracks It

By SANDERS LAMONT
TODAY Aerospace Writer

What glows, moves silently through the atmosphere and keeps the Air Force busy?

For lack of a better name, the military calls them Unidentified Flying Objects, better known as UFOs.

Howard Woodall, 420 Monroe St., in Cape Canaveral, doesn't believe in flying saucers but he saw something he didn't understand Sunday night.

Monday, the Air Force was trying to figure out what it was.

Woodall, like hundreds of other Brevardians on other occasions, saw a UFO while standing in his front yard at 8 p.m. Sunday.

"I know it wasn't an airplane. It looked more like a rocket," he said Monday.

Unlike most Brevardians, Woodall called the right people — the Air Force.

He called the Patrick AFB operator who put him in touch with the Eastern Test Range Command Post.

For about four minutes Woodall, his 11-year-old son and a neighbor watched a glowing ball in the sky.

"It looked just like a rocket blasting off at night, except it didn't get smaller. It stayed real big until it got way up," he said.

But the Air Force said there weren't any rocket launches Sunday night.

If the UFO is explainable, Woodall has a good chance of finding out what it was.

His report was passed on Monday to the "foreign technology" office which investigates all UFOs. An Air Force spokesman said the office will check with radars, tower operators, and flight controllers, and try to find out if there is a reasonable explanation.

If it can be identified, the Air Force will let Woodall know.

If not, the Patrick officials will forward a report to Wright-Patterson AFB, Ohio, where more experts can take a crack at it.

Most UFOs in Brevard, and elsewhere turn out to be natural phenomena or aircraft.

The planet Venus sometimes appears unusually bright and brings calls. Sometimes stars move into positions that make them appear brighter, or even appear to be moving about in the sky.

Persons who spot such objects should call the Patrick operator, an Air Force spokesman said, at 494-1110, and the operator will put them in touch with the proper authorities.

Those who don't trust the Air Force, and there are many, can write the National Investigations Committee on Aerial Phenomenon (NICAP) at 1536 Conn. Ave., Washington, D.C. and local committee members will investigate.

BUT IT'S JUST FOR KICKS

TODAY 29 Feb 68 Page 20

The MOUSE Will Strike Again

By HARRY McNAMARA
TODAY Staff Writer

People in the Cape Canaveral area can relax now — those weird lights in the sky are only birthday candles.

And they're only for "kicks."

At least that's the way two enterprising young men put it Wednesday as they explained their "invention" — homemade unidentified flying objects (UFO's).

To make a convincing UFO is deceptively simple, said David Lee Vance, 14, and Roger D. Mathews, 13. All you need is a plastic bag, candles and a couple of sticks.

The boys are neighbors at Colonial House Apartments in Cape Canaveral. Both are budding scientists.

"It started out as a school project to measure air currents," said David, "and then, well . . . it got to be kicks." They both grinned.

They have launched 13 UFO's in the past two weeks. Two of them were busts. But 11 flew, and the latest — Tuesday night — sparked a rash of calls to Patrick Air Force Base.

The base, now wise to the gimmick, called the Vance home to ask if the "scientists" were at it again. They were, and "it was a neat one too," said Roger.

"It floated out over the highway (A1A) and you could see the people in cars ducking down to look. It was the best one yet."

Another "neat" one went up Sunday night about 8 p.m. and prompted an unsuspecting neighbor to telephone Patrick.

The "invention" actually has been around quite awhile. Roger, a seventh grader at Roosevelt Junior High School, latched onto the idea while the family was in Slidell, La.

He brought it with him to Canaveral and got David, a freshman at Cocoa Beach High School, interested. They both claim membership in the MOUSE Organization — Most Outstanding and Unusual Source of Entertainment. The invention is a "MOUSE" project.

Here's how the contraption works:

Taking a six-foot-long polyethylene laundry bag, two pieces of crossed balsa wood slats are attached to the open end. Birthday candles, anywhere from 11 to 13, are affixed in the center of the crossed slats.

When the candles are lighted, hot air fills the laundry bag and off it goes, sometimes as high as 1,000 feet.

The bags stay aloft anywhere from 15 to 20 minutes and cast an eerie light through th polyethylene. Most of the su cessful "launches," said th lads, wind up over the Atlantic

So far there have been n harmful side effects. And ther aren't likely to be, said the boys.

Should the candles ignite th bag, it won't burn, but rather will "melt," collapse and put ou the other candles.

Usually, though, the bag stay aloft until the candles flicker ou and then simply drops back t earth.

Half of the launch team wil be lost early next month. Davi and his family are heading fo California.

Roger says he'll have to find a new partner then.

At any rate, there is time fo more launches. A new "UFO" was put together at the Vance home Wednesday afternoon.

So look out Canaveral, the MOUSE flys again.

1 - 6 MARCH 1968 SIGHTINGS

DATE	LOCATION	OBSERVER	EVALUATION
Mar or Apr	Dayton, Ohio	[redacted]	Other (CONFLICTIN
Mar	Wilmington, Delaware	[redacted] (PHOTO)	Vis: Insufficient
1	Albuquerque, New Mexico		Photo: Insufficie
1	Rossburg, Ohio	[redacted]	Other (SATELLITE
2	Fryeburg, Maine	[redacted]	Other (CONFLICTIN
3	Northeastern United States (FOLDER) *	Multiple	Other (SATELLITE
3	Austin, Pennsylvania	[redacted]	Insufficient Data
3	Between Corpus Christi and Robstown, Texas	[redacted]	Other (UNRELIABLE
3	Dayton, Ohio	[redacted]	Aircraft
3	Worthington, Ohio	[redacted]	Aircraft
4	Davenport, Iowa	[redacted] (PHOTO)	Vis: Other (UNREL
4	Dayton, Ohio	[redacted]	Photo: Insufficie
4	Fairborn, Ohio	[redacted]	Insufficient Data
4	Bay City, Michigan	[redacted]	Astro (STARS/PLAN
5	Dayton, Ohio	[redacted]	Balloon
5	Dayton, Ohio	[redacted]	Insufficient Data
6	Kettering, Ohio	[redacted]	Aircraft
6	Amarillo, Texas	[redacted]	Insufficient Data
6	Centerville, Ohio	[redacted]	Aircraft
6	Dayton, Ohio	[redacted]	Astro (STARS/PLAN
6	Tarenton, Pennsylvania	[redacted]	Aircraft
6	Pleasant Valley, Ohio	[redacted]	Insufficient Data
6	Traverse City, Michigan	Multiple	Aircraft
			Astro (STARS/PLAN

ADDITIONAL REPORTED SIGHTINGS (NOT CASES)

DATE	LOCATION	SOURCE	EVALUATION
Mar	Cottage Grove, Oregon	Newsclipping	
Mar	Indianapolis, Indiana	Ltr	
Mar&Apr	New York	Ltr	

(*) SEPARATE FOLDER