PROJECT 10073 RECORD CARD

1. DATE	2. LOCATION	12. CONCLUSIONS
[illegible]	Norton, Connecticut	☐ Was Balloon ☐ Probably Balloon ☐ Possibly Balloon ☐ Was Aircraft ☐ Probably Aircraft ☐ Possibly Aircraft ☒ Was Astronomical Meteor ☐ Probably Astronomical ☐ Possibly Astronomical ☐ Other_____ ☐ Insufficient Data for Evaluation ☐ Unknown
3. DATE-TIME GROUP Local [illegible] GMT 60/0130Z	**4. TYPE OF OBSERVATION** ☐ Ground-Visual ☐ Ground-Radar ☐ Air-Visual ☐ Air-Intercept Radar	
5. PHOTOS ☐ Yes ☐ No	**6. SOURCE** Civilian	
7. LENGTH OF OBSERVATION 4 seconds	**8. NUMBER OF OBJECTS** one	**9. COURSE** NE to SE

10. BRIEF SUMMARY OF SIGHTING

Very bright, solid, light gray obj. Shaped like a boomerang. Approx 100' across tips & 25' thick.

11. COMMENTS

The witness probably saw a meteor of unusual size & brightness.

ATIC FORM 329 (REV 26 SEP 52)

39. 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? 10° per second. [redacted] m.p.h.

40. 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? _____ feet.

41. Please give the following information about yourself:

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

ADDRESS [redacted] (Street) Noroton, (City) _____ (Zone) Conn. (State)

TELEPHONE NUMBER [redacted]

What is your present job? Physicist.
Head lecturer at the Edgerton Memorial Planetarium, Stamford Museum and Nature Center, High Ridge Rd., Stamford, Conn.

Age 52 Sex Male

Please indicate any special educational training that you have had.

a. Grade school _____
b. High school _____
c. College B.S. in Civil Engineering
d. Post graduate _____
e. e. Technical school _____
(Type) _____
Other special training Evening course in "Physical Optics"

42. Date you completed this questionnaire: 31st (Day) Oct. (Month) 1952 (Year)

Note:- I would like to have at least six (6) sets of these 10 sheets, to be used as follows:-
3 in my care to be used by any patron of the planetarium or other reporting to the museum, who has seen an U.F.O. and wishes to properly report it---
3 in the care of the Secretary of The Fairfield County Astronomical Society for preparation and for any qualified use of one of the members.

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

34.1 CLOUDS *(Circle One)*

(a. Clear sky)
b. Hazy
c. Scattered clouds
d. Thick or heavy clouds
e. Don't remember

34.2 WIND *(Circle One)*

(a. No wind)
b. Slight breeze
c. Strong wind
d. Don't remember

34.3 WEATHER *(Circle One)*

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

34.4 TEMPERATURE *(Circle One)*

a. Cold
(b. Cool 50°F)
c. Warm
d. Hot
e. Don't remember

35. When did you report to some official that you had seen the object?

6th (Day) Oct. (Month) 1958 (Year)

36. Was anyone else with you at the time you saw the object?

(Circle One) Yes (No)

36.1 IF you answered YES, did they see the object too?

(Circle One) Yes No

36.2 Please list their names and addresses:

37. Was this the first time that you had seen an object or objects like this?

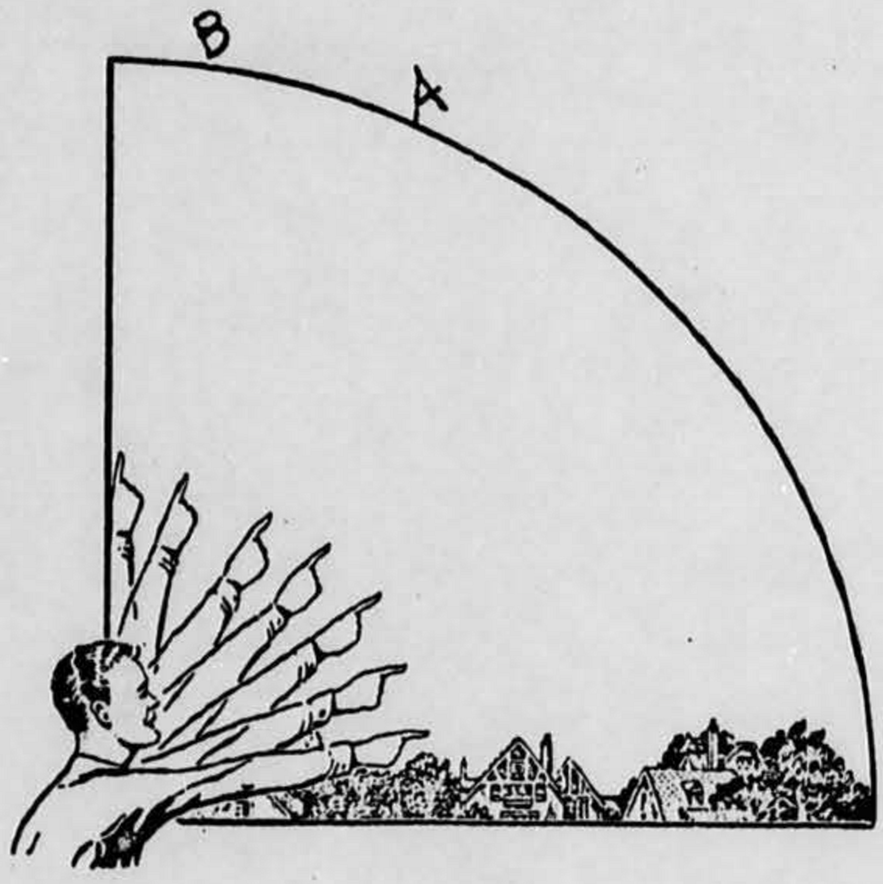
(Circle One) (Yes) No

37.1 IF you answered NO, then when, where, and under what circumstances did you see other ones?

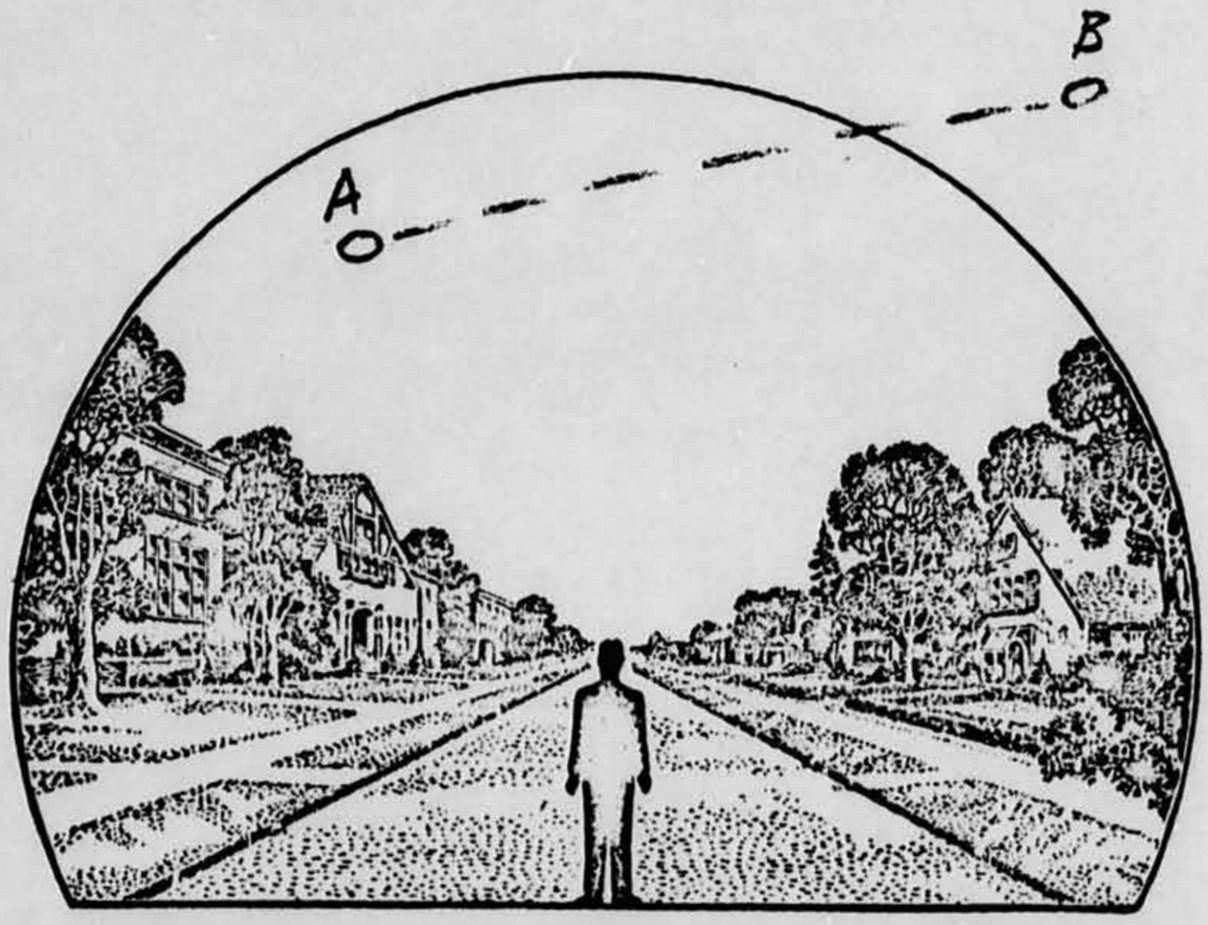
38. In your opinion what do you think the object was and what might have caused it?

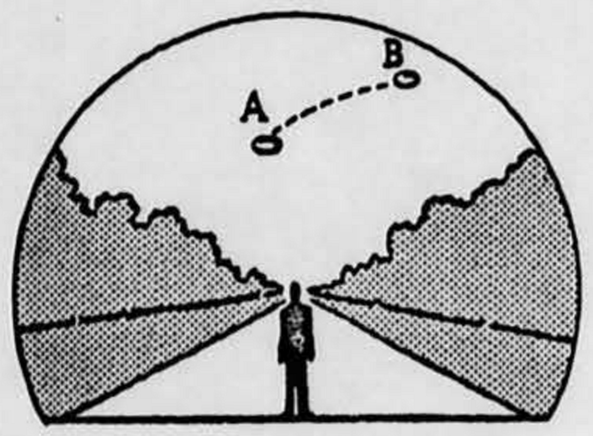
An U.F.O. of unknown nature or cause.

32. 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.



33. In the following larger sketch place an "A" at the position the object was when you *first* saw it, and a "B" at its position when you *last* saw it. Refer to smaller sketch as an example of how to complete the larger sketch.





i had to turn to follow it.

25. 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
e. At sea
f. Other _____

26. 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. Flying near an airfield?
e. Flying over a city?
f. Flying over open country?
g. Other residential on other side.

27. What were you doing at the time you saw the object, and how did you happen to notice it?

I was looking at the double cluster in Perseus with my 7x50 binoculars when it sped into my field of view and I managed to keep it there.

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

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

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

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

28.3 Did you stop at any time while you were looking at the object?
(Circle One) Yes No

29. What direction were you looking when you first saw the object? *(Circle One)*

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

30. What direction were you looking when you last saw the object? *(Circle One)*

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

31. If you are familiar with bearing terms (angular direction), try to estimate the number of degrees the object was from true North and also the number of degrees it was upward from the horizon (elevation).

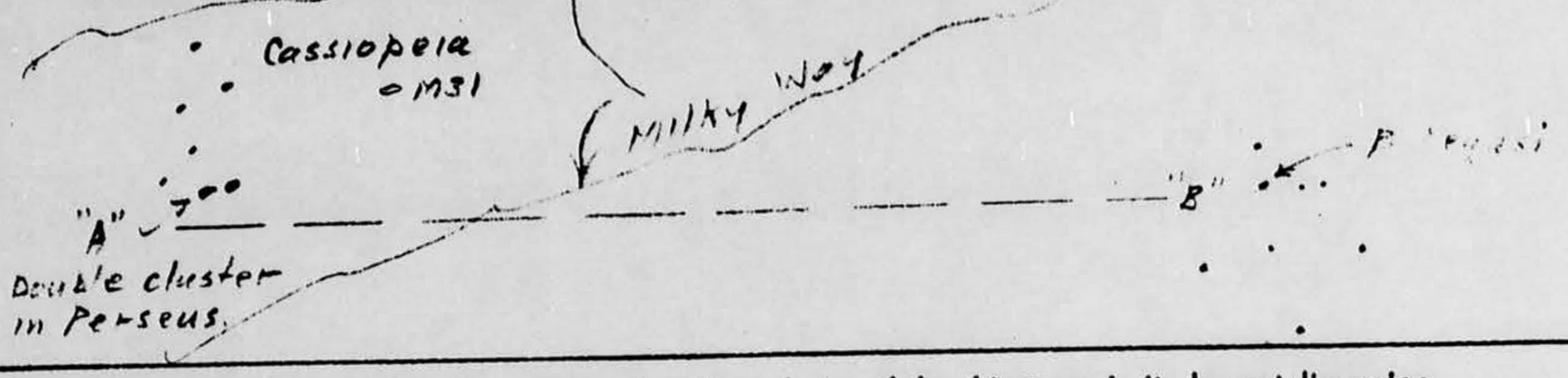
31.1 When it first appeared:

a. From true North 10 degrees.
b. From horizon 70 degrees.

31.2 When it disappeared:

a. From true North 160 degrees.
b. From horizon 55 degrees.

20. 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.



21. IF POSSIBLE, try to guess or estimate what the real size of the object was in its longest dimension.
_____feet.

22. How large did the object or objects appear as compared with one of the following objects *held in the hand* and at about arm's length?

(Circle One):

a. Head of a pin
b. Pea
c. Dime
d. Nickel
e. Quarter
f. Half dollar
g. Silver dollar
h. Baseball
i. Grapefruit
j. Basketball
k. Other _____

22.1 *(Circle One* of the following to indicate how certain you are of your answer to Question 22.

a. Certain
b. Fairly certain
c. Not very sure
d. Uncertain

23. How did the object or objects disappear from view? Obscured by the roof of my house, as I was standing on the back porch looking at the double cluster in Perseus, using 7X50 binoculars.

24. In order that you can give as clear a picture as possible of what you saw, we would like for you to imagine that you could construct the object that you saw. Of what type material would you make it? How large would it be, and what shape would it have? 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.

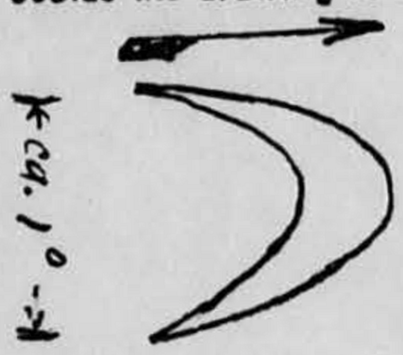
Material- dull aluminum. Plan view as in #17. Say 100 feet across the tips, possibly 25 feet thick, flying at a height between one statute and one nautical mile, at a speed of one mach.

16. Tell in a few words the following things about the object.

a. Sound None heard.

b. Color Light gray.

17. 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.



18. 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 _____

19. 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.

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

8.1 STARS *(Circle One)*:

a. None
b. A few
c. Many (very)
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. Was the object brighter than the background of the sky?

(Circle One): a. Yes b. No c. Don't remember

10. IF it was BRIGHTER THAN the sky background, was the brightness like that of an automobile headlight?:

(Circle One) a. A mile or more away (a distant car)?
b. Several blocks away?
c. A block away?
d. Several yards away?
e. Other Less than "a"

11. 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. Flicker, throb, or pulsate?	Yes	No	Don't Know

12. Did the object move behind something at anytime, particularly a cloud?

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

13. Did the object move in front of something at anytime, particularly a cloud?

(Circle One): (Yes) No Don't Know. IF you answered YES, than tell what it moved in front of: Milky Way and other stars.

14. Did the object appear: *(Circle One)*: (a. Solid?) b. Transparent? c. Don't Know.

15. 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 _____		

4E4

73°W 41°N

U. S. AIR FORCE TECHNICAL INFORMATION SHEET

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, and will be regarded as confidential material. 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?

5th (Day) Oct. (Month) 1953 (Year)

2. Time of day: 2 (Hour) ____ (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) Noroton (City or Town.) Connecticut (State or Country)

Additional remarks: ____

5. Estimate how long you saw the object. 0 (Hours) 0 (Minutes) 1 (Seconds)

5.1 *Circle* one of the following to indicate how certain you are of your answer to Question 5.

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

6. What was the condition of the sky?

(Circle One):
a. Bright daylight
b. Dull daylight
c. Bright twilight
d. Just a trace of daylight
(e. No trace of daylight)
f. Don't remember

7. IF you saw the object during DAYLIGHT, TWILIGHT, or DAWN, 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

ATIC FORM NO. 164 (13 OCT 54)

9:30pm 5 Oct

27 October 1958

Dear Mr. [redacted]

This is to acknowledge and thank you for your letter dated 6 October 1958, addressed to the Civil Air Patrol, concerning an unidentified flying object sighting at Noroton, Connecticut on 5 October 1958.

A preliminary analysis of this sighting suggests you observed a meteor or meteorite of uncommon brightness, possibly for the first time through binoculars. The fact that it was exceptionally clear that night was also probably a contributing factor.

In order to complete a final analysis and/or evaluation of the sighting, your original letter needs expansion and in some instances clarification.

I am inclosing a U. S. Air Force Technical Information Sheet for you to complete. In addition, under remarks on page 10 of the form, will you please answer the following questions:

1. Was the angular estimation of the size made through the binoculars or with the unaided eye?

2. If angular estimate of size was made through the glasses, is this an estimate of a portion of the angular field of vision?

3. What is the field of vision of the witnesses' binoculars?

4. Has the witness ever observed a meteor through binoculars?

When the form is completed will you please forward it direct to Air Technical Intelligence Center, Wright-Patterson Air Force Base, Dayton, Ohio. They will then complete the evaluation of your sighting and you will be advised of the conclusions.

Many thanks again for your interest in this matter.

Sincerely,

OFFICE INFO. SERVICES 7A20

1958 OCT 15 10 01

LAWRENCE J. TACKER
Major, USAF
Executive Officer
Public Information Division
Office of Information Services

Incl

[redacted]
Noroton, Connecticut

4. A preliminary analysis of this sighting is that the witness observed a meteor of uncommon brightness, and probably for the first time through binoculars. The fact that it was an exceptionally clear night was also probably a contributing factor.

2 Incls:
1. Ltr fr CAP dtd 10 Oct 58 w/2 Incls.
2. ATIC Fm 164

for H. K. GILBERT
Colonel, USAF
AFCIN-4E

Oct. 6, 1958

[redacted] Noroton, Conn.

C.A.F. --- A.A.F.,

Bolling Field,

Washington 25, D.C.

Dear Sir,

As the head-lecturer at the Edgerton Memorial Planetarium of the Stamford (Conn.) Museum and Nature Center, I have always parried questions from the audience about "Flying Saucers" with the statement "Never having seen an U.F.O., I cannot say." Will you consider the following and let me know if I saw an U.F.O.?

At close to 9:30 P.M., E.D.T. Sunday Oct. 5, 1958, while observing the double cluster in Cassiopeia with a pair of 7X50 binoculars, there rapidly shot into my field of view a faintly luminous area, shaped like a parabolic cresent, trailing the horns. The shape reminded me of a non-rotating boomerang or a swallow gliding (if it had no head or tail) or in other words, curved swept-wings. I managed to keep it in the field of the binoculars until it was cut off by my house, being at a point near Beta Pegasi.

It's intensity was uniform over its area and well above that of the background of the Milky Way, but not bright and was unvarying while I saw it. It was about 0.5° to 1.0° across the horns, and its speed was uniform, covering about 40° in less than 4 seconds, and its path appeared to be a straight line.

During this period of observing, "seeing" was the best I've seen in months. With the binoculars I was able to see M13, M15, M31, and Asteroid #7 (Iris). The temperature had dropped from over 70° F in mid-day to about 50° at this time. No one else was with me.

May I please have your comments?

Yours tru[redacted]n

Incl #1

COVE SHEET

SUSPENSE

ORIGIN OF BASIC	DATE	
	ASSIGNED BY	
DATE	TYPE	NO.

SUBJECT

(U) UFO Sighting, Stanford, Conn [redacted]

ROUTING

Initial "IN" column to denote review prior to action. Initial "OUT" column to denote review of completed action. (X for action; ✓ for coordination.)

IN	OFFICE	OUT	IN	OFFICE	OUT	IN	OFFICE	OUT	IN	OFFICE	OUT	IN	OFFICE	OUT
	OIN-1			OIN-2			OIN-3			OIN-4			AFOIN	
	OIN-1X			OIN-2X			OIN-3X			OIN-4X			AFOIN-X	
													AFOIN-X	
													AFOIN-X1	
													AFOIN-X2	
													AFOIN-X3	
													AFOIN-X4	
													AFOIN-X5	
													AFOIN-Z	
													CABLES	
												M & R	FILE	
													DISPATCH	

TO: SAFIS-3, Attn: Maj. Tacker

DATE: 21 October 1958

FROM: AFCIN-4E4

COMMENT NO.: 1

COMMENTS *(Use reverse, if necessary)*

4E4/Maj. Friend/ac/6-9216/Bldg 828

1. The information contained in Mr. [redacted] letter needs expansion, and in some areas clarification, in order for the Air Technical Intelligence Center to complete an analysis.

2. Suggest ATIC Form #164, U. S. Air Force Technical Information Sheet be sent to Mr [redacted] for completion and forwarding directly to the Air Technical Intelligence Center.

3. It should be pointed out to Mr [redacted] that the following additional information should be included in the remarks section of the questionnaire:

a. Was the angular estimation of the size made through the binoculars or with the unaided eye?

b. If angular estimate of size was made through the glasses, is this an estimate of a portion of the angular field of vision?

c. What is the field of vision of the witnesses' binoculars?

d. Has the witness ever observed a meteor through binoculars?

A11C21

HEADQUARTERS
CIVIL AIR PATROL
UNITED STATES AIR FORCE
BOLLING AIR FORCE BASE 25, D.C.

SUBJECT: Attached Letter from Mr. [redacted]

TO: Major Larry Tacker
Office of Information Services
Office of the Secretary of the Air Force
Room 4C916
Department of Defense
Washington 25, D.C.

1. Pursuant to the conversation held with Dr. [redacted] we are inclosing a letter received from Mr. [redacted] dated October 6, 1958, for your attention.

2. Inclosed is a copy of our reply to him.

FOR THE COMMANDER:

for JAMES W. HICKMAN
Major USAF
Chief of Information Services

2 Incls
1. Ltr fm Mr. [redacted] dtd Oct 6, '58
2. Cy Ltr, Natl Hq, CAP to Mr. [redacted]

4. A preliminary analysis of this sighting is that the witness observed a meteor of uncommon brightness, and probably for the first time through binoculars. The fact that it was an exceptionally clear night was also probably a contributing factor.

2 Incls:
1. Ltr fr CAP
dtd 10 Oct 58
w/2 Incls.
2. ATIC Fm 164

H. K. GILBERT
Colonel, USAF
AFCIN-4E

10/22/58

Robert J Freund Major
22 Oct 58 ATIC 464-

DISPATCHED

OCT 53 08 17.28

ATIC

(U) UFO Sighting. Stanford, Conn. [redacted]

21 October 1958

SAFIS-3, Attn: Maj. Packer

1

AFCIN-4E4 4E4/Maj. Friend/ac/6-9216/Bldg 828

1. The information contained in Mr. [redacted] letter needs expansion, and in some areas clarification, in order for the Air Technical Intelligence Center to complete an analysis.

2. Suggest ATIC Form #164, U. S. Air Force Technical Information Sheet be sent to [redacted] for completion and forwarding directly to the Air Technical Intelligence Center.

3. It should be pointed out to Mr. [redacted] that the following additional information should be included in the remarks section of the questionnaire:

a. Was the angular estimation of the size made through the binoculars or with the unaided eye?

b. If angular estimate of size was made through the glasses, is this an estimate of a portion of the angular field of vision?

c. What is the field of vision of the witnesses' binoculars?

d. Has the witness ever observed a meteor through binoculars?

OCT 53

ATIC

Original Signed by

[redacted]

Case 1718

20 November 1958

Dear Mr [redacted]

The report of an unidentified flying object you submitted on 6 October 1958 has been evaluated and the official opinion of the Air Technical Intelligence Center is that it was a meteor. The horn shape was probably created by the spark trail in the immediate vicinity of the meteor head. The fact that the width was reported as being greater than the apparent length can be explained as an irregular shape, tumbling and being oriented such that its longest dimension was at right angles to its path at the time of sighting. The angular velocity of 10 degrees per second reported in conjunction with the other reported information rules out all but a meteor or satellite. Satellite data excluded this as a possibility.

Thank you for your interest in this matter.

Sincerely,

LAWRENCE J. TACKER
Major, USAF
Executive Officer
Public Information Division
Office of Information Services

Mr. [redacted]
Noroton, Connecticut

OSAF
OFFICE INFO SERVICES

28 NOV 58 PM 12:45

OUT

d. Mr [redacted] education, while technical, indicates limited experience in the field of astronomy.

Nicholas Put

for H. K. GILBERT
Colonel, USAF
AFCIN-4E

DISPATCHED
DEC 2

CC ? SHEET		SUSPENSE
ORIGIN OF BASIC		DATE
		ASSIGNED BY
DATE	TYPE	NO.

SUBJECT

(U) UFO Sighting, Norton, Conn. (Mr. [redacted]

ROUTING

Initial "IN" column to denote review prior to action. Initial "OUT" column to denote review of completed action. (X for action; ✓ for coordination.)

IN	OFFICE	OUT	IN	OFFICE	OUT	IN	OFFICE	OUT	IN	OFFICE	OUT	IN	OFFICE	OUT
	OIN-1			OIN-2			OIN-3			OIN-4			AFOIN	
	OIN-1X			OIN-2X			OIN-3X			OIN-4X			AFOIN-X	
													AFOIN-X	
													AFOIN-X1	
													AFOIN-X2	
													AFOIN-X3	
													AFOIN-X4	
													AFOIN-X5	
													AFOIN-Z	
													CABLES	
												M & R	FILE	
													DISPATCH	

TO: SAFIS-3, ATTN: Maj. L. J. Tacker

DATE: 13 Nov. 1958

FROM: AFCIN-4E4

COMMENT NO.: 1

COMMENTS (*Use reverse, if necessary*) 4E4/Maj. R. J. Friend/ac/69216/Bldg 828

1. The official opinion of the Air Technical Intelligence Center is that Mr. [redacted] saw a meteor. The horn shape was probably created by the spark trail in the immediate vicinity of the meteor head. The fact that the width was reported as being greater than the apparent length can be explained as an irregular shape, tumbling and being oriented such that its longest dimension was at right angles to its path at the time of sighting.

2. The angular velocity of 10 degrees per second reported by [redacted], ~~is approximately accurate~~, in conjunction with the other reported information rules out all but a meteor or satellite. Satellite data excluded this as a possibility.

3. Contributing factors to the non-recognition are:

a. Surprise.

b. Short time of observation.

c. Initial experience for witness observing meteor through binoculars. It is the opinion of the ATIC that such an experience could startle a person with more training than that of Mr [redacted]

Aircraft, Balloons, Airships, etc. APPARENT COLOR, SIZE, SPEED (IF REPORT IS NEAR ACCURATE) RULES OUT AIRCRAFT ETC.

Other:

Evaluation of Source Reliability THIS WITNESS IS APPARENTLY A MAN OF SOME TECHNICAL SOPHISTICATION. HOWEVER, IT APPEARS THAT HIS EXPERIENCE IN THE AREA OF ASTRONOMY IS LIMITED. EXPERIENCED ASTRONOMERS HAVE PROBABLY AT ONE TIME OR THE OTHER OBSERVED A METEOR THRU BINOCULARS OR OTHER VISUAL AID.

Analysis and Conclusions:

1. THE WITNESS SAW A METEOR OF UNUSUAL SIZE AND BRIGHTNESS. IT IS BELIEVED THAT THE HORN SHAPE WAS CREATED BY THE TRAIL OF SPARKS IN THE IMMEDIATE VICINITY OF THE METEOR HEAD. THE FACT THAT THE WIDTH WAS REPORTED AS BEING GREATER THAN THE APPARENT LENGTH CAN BE EXPLAINED AS AN IRREGULAR SHAPE WHICH WAS ORIENTED SUCH THAT ITS LONGEST DIMENSION WAS AT RIGHT ANGLES TO ITS FLIGHT PATH AT THE TIME OF SIGHTING.

2. CONTRIBUTING FACTORS TO THE NON-RECOGNITION ARE:

A. SHORT TIME OF OBSERVATION

B. FIRST SUCH EXPERIENCE FOR WITNESS - SEEING METEOR THRU BINOCULARS

C. SURPRISE.

FRIEND

0130Z 5 Oct

1 Witness

6

UFO Analysis Sheet _____

Location NORTON CONNECTICUT

Date 5 OCT 1958

Hour (Z) 0130 Z

WX CLEAR NO WIND DRY 30°F

Description: VERY BRIGHT SOLID LIGHT GRAY SHARPLY OUTLINED — SHAPED LIKE A BOOMERANG APPROXIMATELY 100' ACROSS TIPS AND 25' THICK. 1° ACROSS WHEN THRU BINOCULARS WITH 5° FIELD OF VISION.

Direction of Motion NNE TO SSW FROM DOUBLE CLUSTER IN PERSEUS TO BETA PEGASI. ANGULAR VELOCITY ESTIMATED @ 10°/SEC.

Satellite:
(AFCIN-4F3) Phone: 69219 CHECKED AND RULED OUT 12 NOV 58

Astronomical Phenomena
Meteor, Comet, Planet, etc.
OCT. IS SECOND ONLY TO AUGUST IN METEOR SHOWER ACTIVITY. IT IS POSSIBLE THAT THE WITNESS OBSERVED A METEOR WHICH PROBABLY ORIGINATED IN THE VICINITY OF THE CONSTELLATION ARIES.

Radar Analysis (AFCIN-4E1) N/A.

Natural Phenomena
Ball Lightning, etc. SINGULAR OCCURANCE, GREAT SPEED AND THE FACT THAT THE SUBJECT OBSERVED PHENOMENA THRU BINOCULARS RULED OUT THE USUAL NATURAL PHENOMENA.

In reply to the questions on the enclosed carbon copy of a letter from Major Tacker, are the following:-

1) The angular estimation of the size was made through binoculars.

2) It was an estimate of a portion of the angular field of vision.

3) The field of vision of my binoculars, when wearing eye glasses is close to 5°.

4) I have never seen a meteor through binoculars.

N.B. There was no trail or brighter portion or change in intensity. There are no search lights in this area. There was no haze or clouds.

U. S. AIR FORCE TECHNICAL INFORMATION SHEET

(SUMMARY DATA)

In order that your information may be filed and coded as accurately as possible, please use the following space to write out a short description of the event that you observed. You may repeat information that you have already given in the questionnaire, and add any further comments, statements, or sketches that you believe are important. Try to present the details of the observation in the order in which they occurred. Additional pages of the same size paper may be attached if they are needed.

NAME [redacted]
(Please Print)

SIGNATURE [redacted]

DATE Oct. 31, 1958

(Do Not Write in This Space)

CODE:

At close to 9:30 P.M., E.D.T., Sunday Oct. 5, 1958, while observing the double cluster in Perseus with a pair of 7X50 binoculars, there rapidly shot into my field of view a faintly luminous area, shaped like a parabolic cresent, trailing the horns. The shape reminded me of a non-rotating boomerang or a swallow gliding (if it had no head or tail) or in other words, curved swept-wings. I managed to keep it in the field of the binoculars until it was cut off by my house gutter, being at a point near Beta Pegasi.

It's intensity was uniform over its area and well above that of the background of the Milky Way, but not bright and did not vary while I saw it. It was about 1° across the horns, and its speed was uniform, covering about 40° in about 4 seconds, and its path appeared to be a straight line.

During this period of observing, "Seeing" was the best I've seen in months. That night I was able to see M13, M15, M31, & Iris (Ast.7)