1. DATE Generation 3. DATE-TIME GROUP Local GMT 00/013 D Yes 7. LENGTH OF OBSERVA - Seconds Very bright, Shaped like 100' across

STATE OF

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ATIC FORM 329 (REV 26

PROJECT 10	J73 REC	ORD C	ARD
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	PROJECT 10073 REC	ORD CARD					an an a da an
	2. LOCATION		112	CONCLUSIONS			
1	KOPLOR, CONDE	cticut	000	Was Balloon Probably Balloon Possibly Balloon			
	Q Ground-Visual	D Ground-Reder	000	Wes Aircreft Probably Aircreft Possibly Aircreft			
	6. SOURCE	U Air-Intercept Kodar	000	Was Astronomical Meteor Probably Astronomical Possibly Astronomical			
TION	8. NUMBER OF OBJECTS	9. COURSE		Other Insufficient Date for Evaluation			
3	one	NE to SE	0	Unknown			
IGHTING		11. COMMENTS					
, solid, i a boomera tips & 25	light gray obj. ang. Approx 5' thick.	The witness pof unusual s	pro ize	bably saw a meteor & brightness.			
						•	
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*							
SEP 52)							
	*						
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What is your present job? <u>Physicist</u> . Head lecturer at the Edgert and Nature Center, High Rid Age 52	on Memorial Planetarium, Stanford Juseum ge Rd., Stamford, Conn.
Please indicate any special educational train	ing that you have had.
a. Grade school	e.e. Technical school
b. High school	(Type)
c. College <u>B.S. in Civil Eng</u>	incerifagOther special training Evening course in
d. Post graduate	"i'hysical (ctics"
2. Date you completed this questionnaire:	<u>31st</u> <u>Cct.</u> <u>1958</u>
Note:- I would like to ha sheets, to be used as follow	ave at least six (6) sets of these 10 vs:-
3 in my care to be used by a reporting to the museum, who report it	any patron of the planetarium or other has seen an U.F.C. and wishes to properly
3 in the care of the Secreta Society for preparation and bers.	ary of The Fairfield County Astronomical for any qualified use of one of the mem-





Page 7

No (Circle One) Yes 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.







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? 9. Other
27.	What were you doing at the time you saw the object, an <u>i was looking at the double c</u> oculars when it sped into my fiel	d how did you happen to notice it? luster in lessens with my 1.000 lin- d of view and a managed to keep it
	there.	•



Page 4 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 and of the path, and show any changes in direction during the course. (milky wor Cassiopeia 0131 ---- P. 'ryesi Double cluster in Perseus, 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? g. Silver dollar (Circle One): a. Head of a pin Baseball b. Pea Grapefruit Dime Basketball Nicket k. Other_ . Quarter 1-16 -11

4		а. Ь.	Certain Fairly certain	c. d.	Not very sure Uncertain
3. How as	did the object or of I was stand	object ling	on the back p	<u>Obscured</u> orch looki	ng at the double cluster

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.





Poge 3

	ges of the object	were:		
(C	ircle One): a. F b. L C. S d. D	uzzy or blurred lke a bright star harply outlined on't remember	•	Other
. IF ther Draw a	e was MORE THA picture of how th	AN ONE object, then how hey were arranged, and pu	many were that an arrow to	here?





11. C	Did the object:				(Cir	cle One for each	question)	
	a. Appear to stand	still at any	time?		Yes	(No)	Don't Kr	wow
	b. Suddenly speed	up and rush	away at a	any time?	Yes	No	Don't Kr	w
	c. Break up into pa	irts or explod	le?		Yes	· (No)	Don't Kr	wow
	d. Give off smoke?				Yes	(No)	Don't Kr	wow
	e. Change brightne:	ss?			Yes	(No)	Don't Kr	wow
	f. Change shape?				Yes	No	Don't Kr	wo
	g. Flicker, throb, o	r pulsate?			Yes	No	Don't Kr	wo
	(Circle One):	Yes	No	Don't Kno	ow.	IF you answere	d YES, then	tell what
	it moved behind:							
3. D	It moved behind: Did the object move in	front of som	othing at	anytime, par	ticularly a c	loud?		
3. D	It moved behind: Did the object move in (Circle One):	front of som	ething at No	anytime, par Don't Kna	ticularly a c	loud? IF you answere	d YES, than	tell what
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3. D 4. D 5. D	It moved behind: Did the object move in (Circle One): It moved in front of: Mill Did the object appear: Did you observe the object a. Eyeglasses b. Sun glasses c. Windshield	front of some (Circle On ject through (Yes Yes Yes	ething at No and o e): any of th No No	anytime, par Don't Kna ther sta (a. Solid?) ne following?	ticularly a c nw. rs. b. Binoculars Telescope Theodolite	loud? IF you answere Transparent?	d YES, than c. No No No	tell what Don't Know



73°W VIN

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?	2. Time of day:
<u>— 5th</u> <u>Oct.</u> <u>198</u> Dey Month Ye	(Circle One): A.M. or (P.M.)
3. Time zone: (Circle One): (a. Eastern)	(Circle One): (a. Daylight Saving)
b. Central	b. Standard
c. Mountain d. Pacific	



9:30pm 5 Oct

27 October 1958

Dear Mr.

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.

OFFICE. INFO. SEEVICES

1958 OC1 27

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

Incl



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

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





Noroton, Conn.

C.A.P. --- A.A.F., Bolling Field, Washington 25, D.C.

Dear Sir,

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

At close to 9:30 P.M., E.D.T. Sunday Oct. 5, 1953, 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



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

SUBJECT: Attached Letter from Mr.

911012

TO: Major Larry Tacker Office of Information Services Office of the Secretary of the Air Force Room 40916 Department of Defense Washington 25, D.C.

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

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

FOR THE COMMANDER:

Roshiller Capt USAF

÷ ...

- JANES W. HICKMAN Major USAF Chief of Information Services

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



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

in Stra

H. K. CILBERT 10/2 2/57 Colonel, USAF AFCIN-4E

Robert John Min 2000 58 nait 484-

HC.

OCT 23 08 12.28

DISPATCHED



(U) UFO Bighting, Stanford, Conn.

21 October 1958

SAFIS-3. Attn: Maj. Tacker 4E4/Maj. Friend/ac/6-9216/Blds 828 AZCIN-LLA 1. The information contained in Mr. Guinneis letter needs expansion, and in some areas clarification, in order for the Air Technical Intelligence Center to complete 2. Suggest ATIC Form #164, U. S. Air Force Technical Information Sheet be sent for completion and forwarding directly to the Air Technical Intelligence an analysis. J. It should be pointed out to Mr. . that the following additional inforto aim mation should be included in the remarks section of the questionnaire: fraid a. Was the angular estimation of the size made through the binoculars or b. If angular estimate of size was made through the glasses, is this an with the unsided eye? Si estimate of a portion of the angular field of vision? c. what is the field of vision of the witnesses' binoculars? C. 20 d. Has the witness over observed a meteor through binoculars?

ist.





20 November 1958

Dear Mr

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



OFFICE. INFO. SERVICES OSAF

1958 NOV 20 16 42



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

H. K. GILBERT H. K. GILBERT Colonel, USAF

AFCIN-4E



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Analysis and Conclusions:

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A THE WITNESS SAW A METFOR CE UNUSUAL SIZE AND BRICHTNESS. IT IS BELIEVED THAT THE MORN SHAPE WAS CREATED BY THE TRAIL OF SPARKS IN THE IMMEDIATE VICINITY OF THE METEOR HEAD. THE IMMEDIATE VICINITY OF THE METEOR HEAD. THE FACT THAT THE WIDTH WAS REPORTED AS BEING CREATED THAN THE PRARENT CENCTH CAN BE EXPLAINED HIS AN IRRECULAR SHAPE WHICH WAS ORIENTED SUCH THAT ITS LOWCEST DIMENSION WAS AT RICHT ANCLES TO ITS FLIGHT PATH AT THE TIME OF

2. CONTRIBUTING FACTORS TO THE NON- RECOGNITION ARE:

A. SHIRT TIME OF OBSERVATION

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C. SURPRISE .



01307 & Oct

WYO Analysis Sheet ______ Location NORTON CONNECTICUT Date 5 OCT 1958 Hour (2) C130 22 WX CLEAR NO WIND DRY 50° F Description: VERY BRIGHT SOLID, LIGHT CRAY SHARPLY OUT LINED - SHAPED LIKE P TROC MERANCE APPROXIMATELY 100° MCROSS THES AND 25° THICK 10 MCROSS MCRAS THRUE BLACCULLIES WITH 5° FIELD OF LISEON Direction of Motion <u>MNE TO SSW FROM</u> DOUBLE CLUSSED MREDE TO BETA PECASI. MACHINE LECCUTY ESTIMATED & Misec (AFGIN-443) Phone: 69219 CHECKED AND BLUED CAT 12 No. 55

Astronomical Phenomena Meteor, Comet, Planet, etc. CET. 15 SECOND ONLY 70 AUGUST IN RIFTERR SHOWER ACTIVITY, IT is BILLILIN THAT THE WITNESS CASERVEN A METERIC WHICH PROBABLY ORIGINATED IN THE DICIN, TY CE THE CONSTELLATION PRIES. Radar Analysis (AFCIN-4E1) N/1. Natural Phenomena Ball Lightning, etc. Sincular CCCUEANCE CEEAT SPEED OND THE PART THAT THE SUBJECT OBSERVED PNENDATEINA THRU BINGCULARS RULED OUT THE LISUNL NATURAL PHENOMENN.



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

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

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 plasses is close to 5° .

4) 1 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	(Please Print)	(Do Not Write in This Space) CODE:
SIGNATURE	. 31, 1958	
At cl	ose to 9:30 P.M., E.D.T.	, Sunday Oct. 5, 1958, while observ-

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ing the double cluster in Perseus with a pair of 7.50 binodulars, 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 Fegasi.

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 1've seen in months. That night I was able to see M13, M15, M31, & Iris (Ast.7)

