

**PROJECT 10073 RECORD**

<b>1. DATE - TIME GROUP</b> 11 September 50 12/03.5Z	<b>2. LOCATION</b> Adak, Alaska
<b>3. SOURCE</b> Military	<b>10. CONCLUSION</b> Other (LENS FLARE)
<b>4. NUMBER OF OBJECTS</b> One	A pronounced flare spot, in addition to the main image, was noted with the lens wide. Any camera movement caused the flare spot to move, as well as the main image. Flare images are always encountered in
<b>5. LENGTH OF OBSERVATION</b> About 6 Minutes	<b>11. BRIEF SUMMARY AND ANALYSIS</b> in photography when an unusually bright object is included in the field of view, and when the exposure is not portionally reduced.
<b>6. TYPE OF OBSERVATION</b> Ground-Visual	See Case File
<b>7. COURSE</b> SW	
<b>8. PHOTOS</b> <input checked="" type="checkbox"/> Yes <b>IN FILE</b> <input type="checkbox"/> No	
<b>9. PHYSICAL EVIDENCE</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

12.1 Circle one of the following to indicate how certain you are of your answer to Question 12:

- a.  Certain
- b. Fairly sure
- c. Not very sure
- d. Just a guess

13. Did the object look: (Circle One)  Solid or Transparent (see negatives)

14. Did the object at any time:

(Circle One for each question)

- |                                      |                                      |                                     |   |
|--------------------------------------|--------------------------------------|-------------------------------------|---|
| 14.1 Change direction?               | <input checked="" type="radio"/> Yes | <u>No</u>                           | <u>Don't know</u>                           |
| 14.2 Change speed?                   | <u>Yes</u>                           | <u>No</u>                           | <input checked="" type="radio"/> Don't know |
| 14.3 Change size?                    | <input checked="" type="radio"/> Yes | <u>No</u>                           | <u>Don't know</u>                           |
| 14.4 Change color?                   | <u>Yes</u>                           | <u>No</u>                           | <input checked="" type="radio"/> Don't know |
| 14.5 Break up into parts or explode? | <u>Yes</u>                           | <input checked="" type="radio"/> No | <u>Don't know</u>                           |
| 14.6 Give off smoke?                 | <u>Yes</u>                           | <u>No</u>                           | <input checked="" type="radio"/> Don't know |
| 14.7 Change brightness?              | <u>Yes</u>                           | <u>No</u>                           | <input checked="" type="radio"/> Don't know |
| 14.8 Flicker, throb, or pulsate?     | <u>Yes</u>                           | <u>No</u>                           | <input checked="" type="radio"/> Don't know |
| 14.9 Remain motionless?              | <u>Yes</u>                           | <input checked="" type="radio"/> No | <u>Don't know</u>                           |

15. Did the object give off a light? (Circle One): Yes No  Don't know

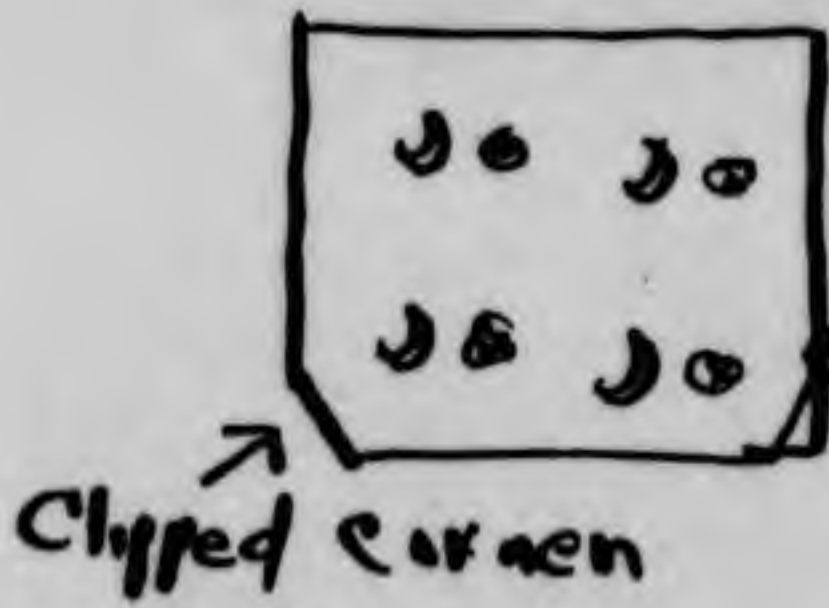
15.1 IF you answered YES, what was the color of the light? \_\_\_\_\_

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

16.1 ~~Sound~~ See my negatives in your possession

16.2 ~~Color~~ \_\_\_\_\_

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



☽ = sun in partial eclipse  
 ○ = unidentified images

← sketch of negatives numbered 2, 3 & 4.

#5 had 9 sun images and the unidentified images are no doubt obscured in most cases by 9 exposures on the same sheet of film.

18. Did the object at any time:

18.1 Move behind something? (Circle One) Yes No  Don't know

IF you answered YES, then tell what it moved behind.

\_\_\_\_\_

18.2 Move in front of something? (Circle One) Yes No Don't know

IF you answered YES, then tell what it moved in front of.

18.3 Blend with the background? (Circle One) Yes No Don't know

19. Which of the following objects is about the same actual size as the object you saw? (Circle One):

- |                  |   |
|------------------|---|
| a. Pea           | f. Automobile   |
| b. Baseball      | g. Small airplane   |
| c. Basketball    | h. Large airplane   |
| d. Bicycle wheel | <u>i. Dirigible</u> (all I know is what I saw on the negatives) |
| e. Office desk   | j. Other  |

19.1 Circle one of the following to indicate how certain you are of your answer to Question 19.

- |                            |                  |
|----------------------------|------------------|
| a. Certain                 | c. Not very sure |
| <u>b. Fairly certain</u> ? | d. Uncertain     |

20. Try to tell the following things about the object:

*c negatives question*

- 20.1 How high above the earth was it? \_\_\_\_\_ feet.
- 20.2 How far was it from you? \_\_\_\_\_ feet or \_\_\_\_\_ miles.
- 20.3 How fast was it going? \_\_\_\_\_ miles per hour.
- 20.4 Circle one of the following to indicate how certain you are of your answer to the above questions:

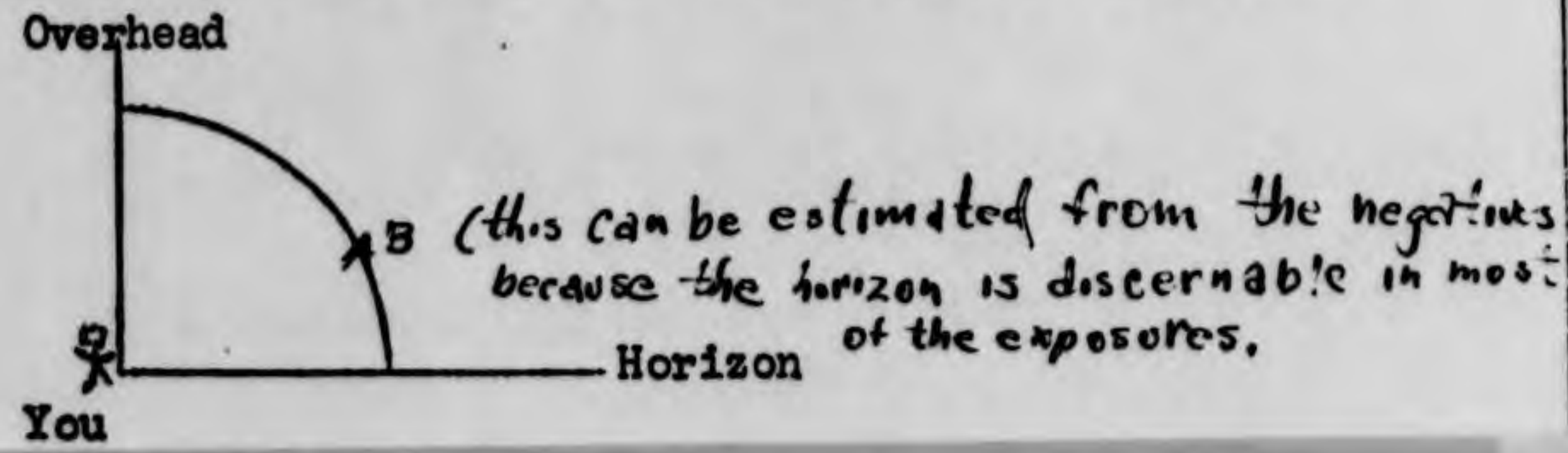
- |                   |                  |
|-------------------|------------------|
| a. Certain        | c. Not very sure |
| b. Fairly certain | d. Just a guess  |

21. How did the object disappear from view?

- (Circle One):
- |              |  |
|--------------|--|
| a. Suddenly  | <u>c. Other</u> (careful scrutiny of Negative) |
| b. Gradually | d. Don't remember #5 may reveal                |

SECTION D

22. In the following sketch, imagine your eye 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" to show where it was when you last saw it.





SECTION E

26. Was this the first time that you have seen an object like this?

(Circle One): Yes or No

26.1 IF you answered NO, then when, where, and under what conditions did you see other ones? \_\_\_\_\_

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

NO opinion.

28. Give the following information about yourself:

NAME [Redacted] [Redacted] [Redacted]  
Name Name Middle Name

ADDRESS [Redacted] [Redacted] [Redacted] [Redacted]  
Street City Zone State

TELEPHONE NUMBER [Redacted]

What is your present job? Electronic Technician, U.S. Coast Guard

Age 39

Sex Male

29. Was anyone else with you at the time you <sup>photographed</sup> ~~saw~~ the object?

(Circle One): Yes or No

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

(Circle One): Yes or No → there must have been at least a dozen

29.2 Please list their names and addresses: other members of the crew, officers and enlisted men

alike, on deck at all times, some of them were taking a series of pictures

30. Please add here any further comments which you believe are important.  
Use additional sheets of the same size paper, if necessary.

I can't think of anything pertinent.

In my original letter accompanying the negatives I gave the conditions under which they were made, and with that information and the negatives I'm sure you have on your staff some one who can scrutinize them and come up with positive answers.

In paragraph 1.(g) of my letter of 7 July 1952 I estimated the time as 1600 hours and in 1.(h) the date was not stated but the almanac for 1950 shows that it was 1645 hours on 11 Sept 1950 (Bering Sea Time) or 0345 hours 12 Sept 1950 by GMT as used in the ALMANAC. If I can be of any further assistance, you have my address.

~~XXXXXXXXXX~~

4 ONLY 4X5 PHOTOS  
WITH NEGATIVES OF  
ADAK, ALASKA SIGHTING  
11 SEP 1950

UNCLASSIFIED

# DISPOSITION FORM

UNCLASSIFIED

FILE NO.

SUBJECT

Analysis of Photos

TO WCEFP-2  
"RR"

FROM ATIAA-5

DATE 2 Sept 52  
Capt Ruppelt/jos  
65365/B263D/PD28

COMMENT NO. 1

1. Attached are a series of photos taken by a Coast Guard photographer. The circumstances under which they were taken are given in the attached folder. The photos are evidently multiple exposures of the sun during an eclipse.

2. It is requested that WCEFP-2 make comments on these photos.

1 Incl  
Ref Folder

DONALD L. BOWER, Colonel, USAF  
Chief, Technical Analysis Division  
Air Technical Intelligence Center

TO ATIAA-5

FROM WCLFP-2

DATE

COMMENT NO. 2

SEP 15 1952

Mr. J. Chapman/ms  
31381/B17/R119

1. The attached photographs have been examined and the probable explanation has been determined. A 4" x 5" Speed Graphic camera with coated lens was pointed toward the sun, and the image was examined on the ground glass. A pronounced flare spot, in addition to the main image, was noted with the lens wide open, f/4.7. Any camera movement caused the flare spot to move, as well as the main image. Inserting a flat glass filter before the lens in the conventional position produced additional flare spots, which moved about with slight variations in filter orientation.

2. Flare images are always encountered in photography when an unusually bright object is included in the field of view, and when the exposure is not proportionally reduced. The stated exposure is considerably in excess of normal for an object as bright as the sun, as shown also by considerable halation of the negatives about the sun images.

3. It is probable that the spots in question are nothing more than flare spots due to overexposure for sun brightness.

DOWNGRADED AT 3 YEAR INTERVALS;  
DECLASSIFIED AFTER 12 YEARS.  
DOD DIR 5200.10

1 Incl  
n/c

*Delwin B. Avery*  
DELWIN B. AVERY, Colonel, USAF  
Chief, Photo Reconnaissance Lab  
Directorate of Laboratories

UNCLASSIFIED

CONCURRENCE:

*J. Chapman* WCLFP-2

DD FORM 96  
1 FEB 50

REPLACES NME FOR

GOVERNMENT PRINTING OFFICE : 1952 O - 266875

UNCLASSIFIED



ADAK, ALASKA

11 September 1950

On 11 September 1950 at 4:45 pm, a Coast Guard photographer took four photographs of the total eclipse of the Sun, whose path of totality crossed the Aleutian Islands near Adak, Alaska. The photographer noticed nothing at the time when he took the pictures. It was two years after the photographs had been taken that the observer noticed the images on the film.

The photographs were examined and the probable cause determined. A 4" x 5" Speed Graphic Camera with coated lens was pointed toward the sun, and the image was examined on the ground glass. A pronounced flare spot, in addition to the main image, was noted with the lens wide open, f/4.7. Any camera movement caused the flare spot to move, as well as the main image. Inserting a flat glass filter before the lens in the conventional position produced additional flare spots, which moved about with slight variations in filter orientation.

Flare images are always encountered in photography when an unusually bright object is included in the field of view, and when the exposure is not proportionally reduced. The stated exposure is considerably in excess of normal for an object as bright as the sun, as shown also by considerable halation of the negatives about the sun images.

It is probable that the spots in question are nothing more than flare spots due to overexposure for sun brightness.

# DISPOSITION FORM

SECURITY CLASSIFICATION (If any)  
**UNCLASSIFIED**



FILE NO.

SUBJECT (Unclassified) Material for Project Blue Book

TO  
Chief, Air Technical  
Intelligence Center,  
Wright-Patterson AFB,  
Ohio

FROM  
Dept of the AF  
Hq USAF AFOIN-2A2

DATE 12 AUG 52  
9 Aug 52 Maj Fournet/71016  
COMMENT NO. 1

1. The inclosed letter with attachments is forwarded for appropriate action.
2. Request that acknowledgment be made to the Commandant, U. S. Coast Guard, and that a statement of evaluation of the photographs be included. Additionally, since no disposition of the negatives was indicated, it is suggested that the Coast Guard be queried about this.

BY COMMAND OF THE CHIEF OF STAFF:

4 Incls  
1, 2 & 3 N/C  
4 Added  
Ltr fr Commandant, U.S.  
Coast Guard 30 Jul 52

*William W. Wilcox*  
WILLIAM W. WILCOX  
Colonel, USAF  
Chief, Policy and Management Group  
Office, Deputy Director for Estimates  
Directorate of Intelligence

UNCLASSIFIED



UNITED STATES COAST GUARD

ADDRESS REPLY TO:  
COMMANDANT  
U. S. COAST GUARD  
HEADQUARTERS  
WASHINGTON 25, D. C.



OIN  
30 July 1952  
FILE:

From: Commandant, U. S. Coast Guard  
To: Director of Intelligence, Headquarters USAF, Washington 25, D.C.  
Subj: Unidentified Flying Objects Reporting  
Ref: (a) Air Force Letter No. 200-5

Pursuant to the instructions contained in reference (a) the enclosures are forwarded herewith for evaluation.

*F. G. Eastman*  
F. G. EASTMAN  
By direction

Encls: (1) Ltr from ~~██████████~~ 4) ETC  
(2) 4 negatives  
(3) 7 pictures



11 300  
TENTATIVE  
OBSERVERS QUESTIONNAIRE

SECTION A

1. When did you see the object:

1.1 Date: 11 Sept 1950 (12 Sept 1950 - 0345 GMT)  
Day Month Year

1.2 Time of Day: 4 45 A.M. or (P.M.) (Circle One)  
Hrs. Min.

1.3 Time Zone: (Circle One):

a. Eastern d. Pacific  
b. Central (e.) Other Bering (Zone +11)  
c. Mountain

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

1.4 Circle one of the following to indicate how certain you are of your answer to the above question 1.2:

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

2. Where were you when you saw the object:

U.S.C.G.C. NORTHWIND YO FPO, Seattle Wash U.S.A.  
Postal Address City or Town State Country

Additional Remarks: Ship was about 40 miles NORTH of ADAK (Aleutian Islands)  
Alaska heading approximately South making about 11.9 knots

3. Where were you located when you saw the object:

(Circle One): a. Inside a building d. In an airplane  
b. In a car (e.) At sea  
c. Outdoors f. Other \_\_\_\_\_

3.1 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 at sea, Bering Sea

LAWSON

4. How did you happen to notice the object? The unidentified images on the negatives enclosed in my letter of 7 July 1952 were first noticed upon development on 6 July 1952

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

7      July      1952  
Day      Month      Year

SECTION B

6. What were you doing at the time you saw the object? Photographing the sun in partial eclipse — I noticed nothing at the time, however

6.1 What had you been doing for the 30 minutes before you saw the object? Try to list the activity or activities and the approximate amount of time spent on each.

I never "saw" the object — I discovered it almost two years later on my AXS negatives, already in your custody

7. Were you moving at any time while you <sup>Photographed</sup> saw the object? (Circle One):

Yes or No

IF you answered YES, then complete the following questions:

7.1 What direction were you moving?

(Circle One):

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

7.2 How fast were you moving? 13.11 miles per hour.

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

(Circle One): Yes or No

8. What direction were you looking when you first saw the object?

(Circle One):

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

8.1 What direction were you looking when the object disappeared?

- (Circle One):
- |              |   |
|--------------|---|
| a. North     | e. South                                      |
| b. Northeast | <input checked="" type="radio"/> f. Southwest |
| c. East      | g. West                                       |
| d. Southeast | h. Northwest                                  |

8.2 Circle one of the following to indicate how certain you are of your answer to the above question and preceding question (8 and 8.1).

- |   |                  |
|---|------------------|
| <input checked="" type="radio"/> a. Certain | c. Not very sure |
| b. Fairly certain                           | d. Just a guess  |

9. Were you wearing eye glasses when you saw the object? (Circle One):

- Yes or  No

10. How was the object seen?

- (Circle One):
- |                         |  |
|-------------------------|--|
| a. Through window glass | e. Through theodolite  |
| b. Through windshield   | f. Through sunglasses  |
| c. Through binoculars   | g. Through open space  |
| d. Through telescope    | <input checked="" type="radio"/> h. Other <u>on photographic film.</u> |

11. What do you remember about the weather conditions at the time you saw the object?

11.1 CLOUDS (Circle One)

- |  |
|--|
| a. Clear sky   |
| b. Hazy  |
| <input checked="" type="radio"/> c. Scattered clouds |
| d. Thick or heavy clouds                             |
| e. Don't remember                                    |

11.3 WEATHER (Circle One)

- |   |
|---|
| <input checked="" type="radio"/> a. Dry |
| b. Fog, Mist, or light rain             |
| c. Moderate or heavy rain               |
| d. Snow                                 |
| e. Don't remember                       |

11.2 WIND (Circle One)

- |   |
|---|
| a. No wind  |
| <input checked="" type="radio"/> b. Slight breeze |
| c. Strong wind                                    |
| d. Don't remember                                 |

11.4 TEMPERATURE (Circle One)

- |  |
|--|
| a. Cold                                  |
| <input checked="" type="radio"/> b. Cool |
| c. Warm                                  |
| d. Hot                                   |
| e. Don't remember                        |

SECTION C

12. Estimate how long you saw the object?

75% of the duration of the ecl,  

Hours	Minutes	Seconds
-------	---------	---------

 or about 6 minutes