PROJECT 10073 RECORD CARD

1. DATE 5 November 1957	2. LOCATION Long Beach, California	12. CONCLUSIONS ☐ Was Balloon ☐ Probably Balloon ☐ Possibly Balloon ☐ Was Aircraft ☐ Probably Aircraft ☐ Possibly Aircraft ☐ Was Astronomical ☐ Probably Astronomical ☐ Possibly Astronomical ☒ Other Poss Optical ☐ Insufficient Data for Evaluation ☐ Unknown mirage/reflections
3. DATE-TIME GROUP Local GMT 05/2350Z	4. TYPE OF OBSERVATION ☒ Ground-Visual ☐ Ground-Radar ☐ Air-Visual ☐ Air-Intercept Radar	
5. PHOTOS ☐ Yes ☒ No	6. SOURCE Military	
7. LENGTH OF OBSERVATION 90 seconds	8. NUMBER OF OBJECTS five or six	9. COURSE erratic

10. BRIEF SUMMARY OF SIGHTING

Five or six round silver objects the size of a pea. Flight paths were very erratic. The objects were in sight for about 90 seconds.

11. COMMENTS

A full investigation revealed that this sighting was possibly an optical phenomena.

ATIC FORM 329 (REV 26 SEP 52)

(G) NEGATIVE.

(H) NEGATIVE.

(I) NONE.

(2) (A) OBSERVERS WERE WATCHING A THUNDERSTORM WHEN OBJECTS WERE FIRST SIGHTED.

(B) ELEVATION FORTY DEGREES. AZIMUTH NORTHEAST.

(C) ELEVATION FORTY DEGREES. AZIMUTH NORTHEAST.

object apparently in same position when last seen.

(D) NO SET FLIGHT PATH. MANEUVERS WERE ERRATIC AND VERY FAST.

(E) OBJECTS DISAPPEARED INTO THE BASE OF THE CLOUD.

(F) APPROXIMATELY 90 SECONDS. 1½ MINUTES

(3) (A) GROUND-VISUAL.

(B) NONE.

(C) NOT-APPLICABLE.

(4) (A) 2350Z, 5 NOVEMBER 57. 2350-8=1550

Prob balloon

ATIC

Nov 7 06 09 '57

RDØ56 7Nov57 07 03

WPFØ64 YDCØ51 XYCØ66 XMAØ24 XXBØ23DXAØ49BWD C1Ø4 BWDK 113

PP RJWPNF RJWPSB RJEPHQ RJEDDN RJEDWP

DE RBWDKW 6

P Ø621ØØZ

FM COMARFC 2347

TO RJWPNF/COM 27 AIR DIVISION DEF

RJEPHQ/DIR OF INTEL HQ USAF

RJEDDN/COM AIR DEF COMMAND

RJEDWP/COM AIR TECH INTEL CEN

INFO RJWPSB/COM 4 AF

AF GRNC

1
2
3
} 4E4

4-4X2a

SI

UNCLAS FROM DO-K Ø073. ATTN: INTELLIGENCE OFFICER HAMILTON AFB CALIF

THE FOLLOWING REPORT SUBMITTED IN ACCORDANCE WITH PARA 7D AF REG

200-2, 12 AUGUST 1954.

UFOB (1) (A) SHAPE, ROUND

(B) APPROXIMATELY THE SIZE OF A PEA.

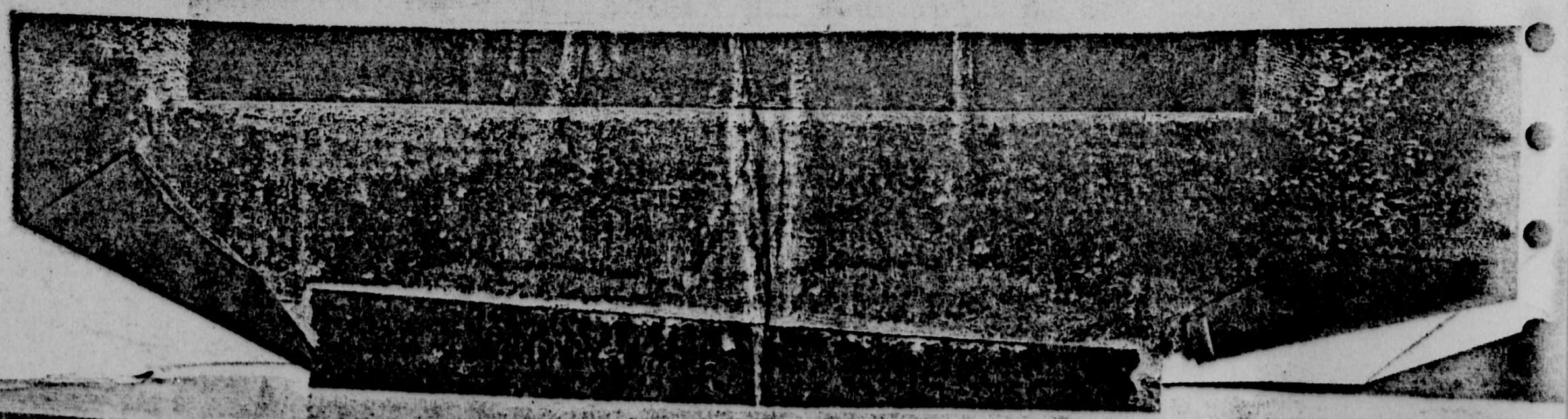
(C) SILVER OR METALLIC.

(D) FIVE OR SIX. DUE TO SIZE AND MOVEMENT UNABLE TO MAKE ACCURATE COUNT.

(E) NO SET FORMATION. FLIGHT VERY ERRATIC.

(F) NEGATIVE.

Typical balloon Characteristics



(5) (33 DEGREES, 49 MINUTES NORTH, 118 DEGREES, 09 MINUTES WEST.

(6) (A) NOT-APPLICABLE.

(B) MAJOR [redacted], DETACHMENT 27, 25TH WEATHER SQUADRON, LONG BEACH AIR FORCE BASE. EXPERIENCED WEATHER

Item 20 + 2E is contradictory to items 2B + 2C. The observers report the object in the same position when last seen as when it was first seen.

PAGE THREE RBWDKW 6

OFFICER. AIRMAN 2C JOSEPH C. V. ABRAMAVAGE, AF 13280112, DETACHMENT 27, 25TH WEATHER SQUADRON, LONG BEACH AIR FORCE BASE. EXPERIENCED WEATHER OBSERVER. AIRMAN 2C WILLIAM J. NIELAND, AF 27752079, DETACHMENT 27, 25TH WEATHER SQUADRON, LONG BEACH AIR FORCE BASE. EXPERIENCED WEATHER OBSERVOR.

(7) 1355 PST WEATHERREPORT WAS 2500 SCATTERED, ESTIMATE 8,000 BROKEN, VISIBILITY 15 MILES, TEMPERATURE 62, DEWPOINT 43, WINDS WEST AT SIX. LIGHTENING, CLOUDS TO GROUND, NORTHEAST QUADRANT. RAIN SHOWERS NORTHEAST QUADRANT.

NW NNW NW WNW

WINDS AT 6,000, 320/5; 10,000 330/10; 16M 320/40; 20M 300/60;

W WNW

30M 280/100; 50M 290/40; 80M NOT AVAILABLE.

Note:

(8) NONE.

(9) NONE.

(10) NONE NOTED BY OBSERVERS.

(11) THIS REPORT WAS MADE BY MAJOR BAKER, OFFICER IN CHARGE OF THE WEATHER DETACHMENT OF LONG BEACH AIR BASE, WHO COULD OFFER NO EXPLANATION OF POSSIBLE WEATHER PHONOMENA WHICH WOULD HAVE CAUSED THE SIGHTINGS.

ATIC Comment:

(12) NONE.

The observers probably observed a weather balloon launched from Norton AFB, or from one of the other air terminals in L.A. area.

BT.....

27/2152Z NOV RBWDKW

Prob balloon

05/2350Z Witness 4E4

4E4 (Calif. Long Beach) 37

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AF FORM 112—PART I
APPROVED 1 JUNE 1948

COUNTRY	REPORT NO.	(LEAVE BLANK)
USA	D4-UFOB-3-57 AISS-UFOB-387-57	

AIR INTELLIGENCE INFORMATION REPORT

SUBJECT: Unidentified Flying Objects

DEC 3 1957

AREA REPORTED ON	FROM (Agency)	
LONG BEACH, CALIFORNIA	Detachment 4, 1006th AISS	
DATE OF REPORT	DATE OF INFORMATION	EVALUATION
18 November 1957	5 November 1957	
PREPARED BY (Officer)	SOURCE	
Richard A. Holm WO, W-1, USAF	LEWIS F. BAKER, Major, USAF	

REFERENCES (Control number, directive, previous report, etc., as applicable)

TT DO-K 0073

SUMMARY: (Enter concise summary of report. Give significance in final one-sentence paragraph. List inclosures at lower left. Begin text of report on AF Form 112—Part II.)

I. CONTENTS:

PART ONE: Description of sighting by LEWIS F. BAKER, Major, USAF, Long Beach Airport, Long Beach, California

PART TWO: Supplementary Investigative Efforts.

PART THREE: Comments of Preparing Officer.

II. SUMMARY: Unidentified Flying Objects were observed visually in the vicinity of Long Beach Airport at 1550 hours Pacific Standard Time, 5 November 1957. The information contained in this report was obtained from the persons observing these objects and from an investigation conducted to determine the possible cause of the sighting.

III. INVESTIGATORS: WO, W-1 RICHARD A. HOLM AO 9540099E
A/2C JAMES A. HART AF 18488925

1550+8 = 2350 Z

Frank H. Marecki
FRANK H. MARECKI
Major, USAF
Commander, Det 4

APPROVED:

JOHN W. MEADOR
Colonel, USAF
Commander

INCLS.

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Det 4, 1006th AISS (1 cy)

NOTE: THIS DOCUMENT CONTAINS INFORMATION AFFECTING THE NATIONAL DEFENSE OF THE UNITED STATES WITHIN THE MEANING OF THE ESPIONAGE ACT, 50 U.S.C. 31 AND 32, AS AMENDED. ITS TRANSMISSION OR THE REVELATION OF ITS CONTENTS IN ANY MANNER TO AN UNAUTHORIZED PERSON IS PROHIBITED BY LAW. REPRODUCTION IN WHOLE OR IN PART, BY OTHER THAN UNITED STATES AIR FORCE AGENCIES, EXCEPT BY PERMISSION OF THE DIRECTOR OF INTELLIGENCE, USAF.

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AIR INTELLIGENCE INFORMATION REPORT

FROM (Agency)	REPORT NO. D4-UFOB-3-57	PART ONE
Det 4, 1006th AISS	AISS-UFOB-387-57	PAGE 2 OF 8 PAGES

I. SOURCE: LEWIS F. BAKER, Major, USAF, AO 490014

Address: Long Beach Airport, Long Beach, California

Occupation: Commander, Detachment 27, 25th Weather Squadron

Age: 48

Education: High School

Qualifications: SOURCE has been in the military service twenty-seven (27) years, seventeen (17) of which, he has been a weather observer.

II. RELIABILITY: When interviewed SOURCE was very cooperative and showed an interest in determining the cause of this sighting. SOURCE was observant, spoke freely and appeared to be of average intelligence. The information given by SOURCE is considered to be reliable.

III. SOURCE's DESCRIPTION OF SIGHTINGS AND EVENTS:

1. On 5 November 1957, at approximately 1550 hours PST, SOURCE and one of his weather observers were standing outside of the Long Beach Weather Station observing a thunderstorm approximately ten (10) miles to the North Northeast of Long Beach Airport (33°45'N-118°10'W). The weather observers were making a visual observation of the thunderstorm to determine it's movement and the frequency of lightning. SOURCE observed several objects (five (5) ~~or six (6)~~) at the west edge of the thunderstorm, which he described as about the size of a pin head held at arm's length. SOURCE further stated that the objects had the appearance of being metallic silver in color, and shaped as a disc. SOURCE also stated that there was no apparent formation and that the movement of the objects was erratic. SOURCE stated that the objects appeared to be brighter than the background of the clouds. When the objects were first sighted by SOURCE he called another weather observer out of the weather station to view the objects.

2. SOURCE stated that the objects moved in and out of and in front of and behind the clouds. The objects were first sighted in the NNE of the Airport. They disappeared into the clouds NNE of the Airport.

3. SOURCE observed the objects through eyeglasses.

4. SOURCE stated that no noise could be heard due to the aircraft in the vicinity of the Weather Station.

5. The weather was described as dry, with a slight breeze from the west. For detailed weather refer to PART TWO: SUPPLEMENTARY INVESTIGATIVE EFFORTS.

6. SOURCE stated that the objects might have been light reflections due to ice or sheet-ice accompanying the storm. — or reflections of the balloons which were released at that time.

7. SOURCE also stated that three (3) crew members of a B-25 aircraft had seen these objects. Refer to PART TWO: SUPPLEMENTARY INVESTIGATIVE EFFORTS for names and duty stations.

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SUPPLEMENTARY INVESTIGATIVE REPORTS

1. Long Beach Weather Station was contacted and queried as to balloon releases with negative results.

2. 27th Air Division (Defense), Norton AFB, California (34041-11716E) was contacted and the following information was received:

a. ACW sites in the Los Angeles area were contacted and queried as to unusual activity in the vicinity of the Long Beach Airport. Commanders of the sites pointed out that due to the abundance of air traffic in that area, it is nearly impossible to monitor all air traffic. Negative results.

3. Mr. Mielke, US Weather Bureau, Santa Monica, California was contacted and the following information was received: four (4) balloons (rawinsonde) were released on 5 November 1957. The first balloon was released at 0330 hours PST and burst at 0500 hours PST. The second balloon was released at 0930 hours PST and burst at 1115 hours PST. Balloon number three (3) was released at 1500 hours PST. Mr. Mielke stated that this balloon passed over Long Beach between 1545 hours PST and 1600hours PST at an altitude of 10,000 feet. Mr. Mielke further stated that a balloon of this type would undergo erratic movement due to the turbulence that accompanies a thunderstorm of the type in the Long Beach area on 5 November 1957. Balloon number four ( ) was released at 2130 hours PST and burst in the early morning hours of the following day.

4. Mr. Farris, CAA Liason Officer, 27th Air Division (Defense), Norton AFB, California was contacted and the following information was received:

a. American Airlines DC-7 reported over Long Beach at 1544 hours PST at 11,000 feet and climbing to 21,000 feet.

5. Flight Service, Hamilton AFB, California was contacted and the following information was received: Approximately ten (10) aircraft were in the Long Beach area at the time of the sighting. Altitudes of these aircraft were not known. ← further checks revealed that these were milling around somewhat - preparing to land because of incoming storm.

6. Weather as taken from TT msg DO-K 0473 CHARTC 23 7 dtd 062100Z.

Ground	270/6K
6,000'	320/5K
10,000'	330/10K
16,000'	320/40K
20,000'	300/60K
30,000'	380/100K
50,000'	290/40K

(Long distance check to Sgt. Barth, NCOIC, 100th MSS Ernie Spangler)

A slight temperature inversion existed between 10,000' and 13,000'.
Ceiling: 8,000' broken
Visibility: 15 miles.
Lightning clouds to ground.

7. Vernalis NAS, California (DPJH 4136) was contacted and advised that a balloon was released on 4 November 1957 at 0945 hours PST.

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AIR INTELLIGENCE INFORMATION REPORT

FROM (Agency)	REPORT NO. D4-UFOB-3-57	PART TWO
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No tracking information was kept other than visual. The balloon took on easterly heading.

8. Los Alimitos NAS (33-47N-118-04E) was contacted and queried as to unusual activity and balloon releases on 5 Nov 1957 with negative results.

9. GCC Filter Center, Pasadena was contacted and advised that no calls reporting an object in the Long Beach Airport area were received at the time of this sighting.

10. Long Beach Airport Operations was contacted and the following information was received: Crew of B-25 Acft 28221. Aircraft departed Long Beach Airport 5 Nov 1957 at 1605 hours PST. Destination was El Paso, Texas.

A/C GIBSON, R.E. Capt AO 942600 1001st CPGU, Andrews AFB, Maryland

P McCLURE, G.F. Capt AO 1908935 1001st CPGU, Andrews AFB, Maryland

CE LAYCHAK, J.J. S/Sgt AF 12225234 1001st CPGU, Andrews AFB, Maryland

11. Mt. Wilson, Palomar, and Griffith Observatories were contacted. No unusual observations were made on 5 November 1957.

12. Refer to TT msg DO-1 0074 CONARFC 2347 dtd 062200Z. Officer-of-the-Day at the time of the sighting was contacted. SOURCE could not be located due to the incorrect spelling of name and due to address unknown.

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AIR INTELLIGENCE INFORMATION REPORT

FROM (Unit)	REPORT NO.	PART TWO
Det 4, 1006th AISS	DI-UFOB-3-57 AISS-UFOB-387-57	PAGE 5 OF 8 PAGES

S-T-A-T-E-M-E-N-T

I went outside the Weather Station about 1550 MST to observe the thunderstorm to the northeast. This thunderstorm was estimated to be approximately 10 miles to the northeast. While watching for lightning and trying to determine the direction of movement of the storm, several very fast moving objects were seen at the west edge of the storm. They were moving very rapidly back and forth much like a mock-dog fight. They changed directions instantaneously and appeared much larger momentarily during their turns. They stayed in view over a minute and I finally lost sight of them in the storm. Visibility was excellent during the entire period.

Lewis F. Baker AO 490014
Major, USAF

S-T-A-T-E-M-E-N-T

A CERTIFIED TRUE COPY

RICHARD A. HOLM
WO, W-1, USAF

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AIR INTELLIGENCE INFORMATION REPORT

FROM (Agency)	REPORT NO. D4-UFOB-3-57	PART TWO
Det 4, 1006th AISS	AISS-UFOB-387-57	PAGE 6 OF 8 PAGES

S-T-A-T-E-M-E-N-T

I was working in the weather station when I heard Major Baker and airman Abramovage call me out to observe something unusual. They pointed to a cloud to the NNE. In said cloud I observed several small, metal colored objects flitting in and out of the cloud in no apparent formation.

William J. Nieland
A/2C AF 2277 347

S-T-A-T-E-M-E-N-T

A CERTIFIED TRUE COPY

RICHARD A. HOLM
WO, W-1, USAF

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FROM (Agency)	REPORT NO.	PART II
Det 4, 1006th AISS	D -UFOB-3-57 AISS-UFOB-387-57	PAGE 7 OF 8 PAGES

S-T-A-T-E-M-E-N-T

At approximately 1550 hours PST 5 November 1957 I witnessed certain phenomenon in the sky which I could not readily identify. It was while observing a Cumulo-nimbus type cloud for direction of movement, frequency of lightning, and precipitation that there appeared in my field of vision certain objects. These objects appeared to have a regular shape, a mettalic lustre, and a uniform appearance.

For the period of approximately 90 seconds these objects darted in and out of the base of the clouds to the northeast of my observing site at an estimated height of 7000 feet and at an approximate distance of ten miles. The angle of elevation from the ground was about 40 degrees. The movement of these objects appeared to be helter-skelter, i.e., they appeared in no definite formation. In this movement there was no time at which I may say that the objects appeared to collide, or merge, or even to cross the direct path of each other.

Though the sky was darkened by the cloud it is not to say that these objects could not be seen with natural light. The forms did not have the appearance of light spots on the cloud base. From my observation I would say they were not balloons. That they were aircraft I would believe not due to the proximity of the objects to the cloud. They were not natural phenomenon of which I can say I had seen before. I do not say these objects could not have been natural phenomenon. I do not attempt to classify these objects.

Joseph C. V. Abramovage
A/2C AF 1328 0112

S-T-A-T-E-M-E-N-T

A CERTIFIED TRUE COPY

[illegible]
RICHARD A. HOLM
MC, USN, USAF

Declassified

AF FORM 112—PART II
APPROVED 1 JUNE 1948

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AIR INTELLIGENCE INFORMATION REPORT

FROM (Agency)	REPORT NO.	PART THREE
Det 4, 1006th AISS	D4-UFOB-3-57 AISS-UFOB-387-57	PAGE 8 OF 8 PAGES

COMMENTS OF PREPARING OFFICER

1. A positive conclusion as to the cause of the sighting cannot be made; however, the following possibilities are offered for consideration:

a. Optical Phenomena; Since SOURCE stated that sheet-ice may have been in the area and Mr. Mielke, US Weather Bureau, Santa Monica stated that a balloon released by the Weather Bureau passed over Long Beach at the approximate time of the sighting, it seems possible that this sighting could be attributed to light reflections, either from the Sun or from lightning, which was known to be in the area. Light reflecting from the balloon to ice-particles or clouds would give the appearance of more than one object, erratic movement and the speed of the objects.

b. Aircraft: There were aircraft in the vicinity at the time of the sighting. Weather conditions at the time of the sighting, lightning, possible ice, and sunlight, could possibly account for this sighting.

2. An evaluation of "Possible Optical Phenomena and / or Aircraft" is given to this sighting.

Frank H. Marechi
FRANK H. MARECHI
Major, USAF
Commander, Det 4

COMMENTS OF THE APPROVING OFFICER

In view of SOURCE'S statement that "the objects might have been light reflections due to ice or sheet-ice accompaning the storm," an evaluation of "Other: Possibly Optical Phenomena" is given this sighting by the Approving Officer.

JOHN W. MEADOR
Colonel, USAF
Commander

Concur: Optical illusion, probably due from weather conditions and/or balloon that was in the area at that time.

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HEADQUARTERS
FOREIGN TECHNOLOGY DIVISION
AIR FORCE SYSTEMS COMMAND
UNITED STATES AIR FORCE
WRIGHT-PATTERSON AIR FORCE BASE, OHIO

REPLY TO ATTN OF: TDEW

SUBJECT: Request for UFO Information (Herbert S Taylor)

6 NOV 1963

TO: Hq USAF SAF-OIPB (Mrs Gaiser)
Wash 25 D C

1. Reference the attached letter from Herbert S Taylor, dated 31 Oct 63, requesting information on unidentified flying objects. Our records reveal previous correspondence from him.

2. The following information is provided to assist you in a reply to Mr Taylor:

a. The 29 Jan 51 sighting at Sioux City, Iowa, carried an initial evaluation of aircraft by the investigating committee in 1951. However, subsequent review indicates there may have been possible astronomical aspects to this sighting involving the planet Jupiter (Magnitude -1.7) which was located at 10 degrees elevation in the West. The star Deneb was in the Northwest as the reporting aircraft pilot was taking off, and the star Regulus in the East. The setting of the planet Jupiter corresponds with the final report. The case still retains its original evaluation as aircraft.

b. The Long Beach sighting of 5 Nov 57 has been evaluated as possible reflections on sheet-ice, from either the sun or from lightning. Also, there was a balloon in the area and there were 10 aircraft in the vicinity of the airport at the time of the sighting. There is no record of transient military personnel observing the objects. However, the report indicates that the crew of a B-25 also observed the objects. The objects were observed on the edge of a storm cloud in the presence of thunderstorms and lightning. The entire duration of the sighting was 90 seconds. There was no information presented to indicate that these objects were other than optical phenomena associated with reflections.

FOR THE COMMANDER

ERIC T de JONCKHEERE
Colonel, USAF
Deputy for Technology
and Subsystems

1 Atch
a/s