

PROJECT 10073 RECORD CARD

1. DATE 17 Dec 55		2. LOCATION Red Oak, Iowa		12. CONCLUSIONS ☐ 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 _____ GMT 18/0122Z		4. TYPE OF OBSERVATION ☒ Ground-Visual ☐ Ground-Radar ☐ Air-Visual ☐ Air-Intercept Radar			
5. PHOTOS ☐ Yes ☒ No		6. SOURCE civilian			
7. LENGTH OF OBSERVATION 15 sec obj 1 min trail		8. NUMBER OF OBJECTS 1		9. COURSE SW	
10. BRIEF SUMMARY OF SIGHTING One fast moving soundless obj was observed to explode in the sky. Obj seemed to change colors from white to red to blue.				11. COMMENTS Obj has all characteristics and performances of a meteor. It is felt that time of observation was slightly overestimated. ASTRO (Meteor Sighting)	

Multi

07 51

DEC 18 04 17 '55

ACTION 6

RA032

WPF038 YMA026TNGA008H

PP RJEDEN RJEDWP RJEPHQ RJEDKF

U

DE RJEDNG 11 L

P 13/0315Z L

FM COMDR 789TH AC&W SQ OMAHA NEBR

TO RJEDEN/COMDR ADC ENT AFB COLO

RJEDWP/COMDR ATIC WP AFB CHIC L

RJEPHQ/DIR OF INTELL HQ USAF WASH DC

RJEDKF/COMDR CADF GRANDVIEW AFB MO

RJEDNG/COMDR 31ST ADIV ST PAUL MINN

BT

1 } 4E4
2 }
3 }

4-4X2a

gc

WR

UNCLASSIFIED/OPNS 863 UFCE REPORT AS FOLLOWS:

1. UNK

2. DIME

3. YES, WHITE RED BLUE

4. ONE

5. SW

6. FAST MOVING

7. NONE

8. NONE

9. CHANGING COLORS

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B. SW

1. CHANGING COLORS

2. N/A

3. N/A

4. SW

5. BLOWN UP AND DISAPPEARED

6. ONE MINUTE

C. 1. GROUND-VISUAL

2. NONE

3. N/A

D. 1. 0122Z 18 DEC 1955

2. NIGHT

E. KM 4601

F. 1. [REDACTED] 15, [REDACTED] RED OAK IA. STUDENT, UNK

2. N/A

2. 10,000 FT 270 DEGREES 50 KTS, 20,000 FT 260 DEGREES 50 KTS, 25,000 FT 270 DEGREES 60 KTS, 30,000 FT 270 DEGREES 70 KTS, 35,000 FT 270 DEGREES 70 KTS.

3. 2300

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4. ERKN

5. NONE

I. NONE

J. NONE

K. NONE

L. 1ST LT. ZAR CONTROLLER ON DUTY.

BT

18/0334Z DEC RJEDNG

F.1. JOHN WILL 15, 21 DEC.

2. N/A

AIR INTELLIGENCE INFORMATION REPORT

FROM (Agency) Det. 2, 4602d AISS	REPORT NO. D2-UFOB-3-55	Part One PAGE 2 OF 6 PAGES
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I. SOURCE: ~~XXXXXXXXXX~~

Address: ~~XXXXXXXXXX~~ Read Oak, Iowa

Age: 15

Occupation: High School student

Education: 10th grade

Qualifications: Substitute GOC observer with little training.

II. REALIABILITY: Source was sincere and did not appear to exegerate. He was interested in reporting "just the facts" and would not give opinions of which he was not 100% certain.

III. SOURCE'S DESCRIPTION OF SIGHTING: The lone object appeared suddenly in the SW and glowed "like a sky rocket you see on the 4th of July" for about fifteen seconds. While it had no particular shape, it was about the size of an automobile headlight. The source thought the object was about one block away from him. The path traveled by the sighting was almost straight downward towards the earth.

The object changed colors from blue to white to red and then seemed to slowly burn itself out. At first it appeared solid but later turned transparent.

There were scattered clouds, many stars and a slight breeze when the incident occurred at 19:22 CST, according to the source. (18/0122Z Dec 55).

Source called his GOC filter center and reported the object. No photographs were taken. If it were not for the size of the object and its apparent nearness, source stated the sighting might have been a falling star.

Source stated that his mother, who was on duty with him, agreed with his description.

COUNTRY USA	REPORT NO. D2-UFOB-3-55	(LEAVE BLANK) AF 712025
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AIR INTELLIGENCE INFORMATION REPORT

SUBJECT UFOB		
AREA REPORTED ON RED OAK, IOWA, USA	FROM (Agency) Detachment 2, 4602d AISS	
DATE OF REPORT 23 Dec 55	DATE OF INFORMATION 17 Dec 55	EVALUATION
PREPARED BY (Officer) HANS BISCHOFFS, Captain, USAF	SOURCE [REDACTED] and others	

REFERENCES: (Control number, direction, previous report, etc., as applicable)
 TT D/OPNS 853, COMDR 789th ADCW Sq., Omaha, Nebr.
 TT ADCC 10212, COMDR 31st AD (DEF), Shelling AFS, Minn.

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 113—Part II.)

I. CONTENTS:

PART ONE: Description of sighting by Mr. [REDACTED], [REDACTED], Iowa. Occupation, high school student, age 15, on duty as relief GOC observer with his mother. No special training for this work.

PART TWO: Description of sighting by Mr. [REDACTED], control tower operator, Kansas City, Missouri Municipal Airport.

PART THREE: Description of sighting by Captain [REDACTED], Kansas City, Missouri. Occupation, commercial pilot with Braniff International Airways, and a former professor of physics, University of Iowa.

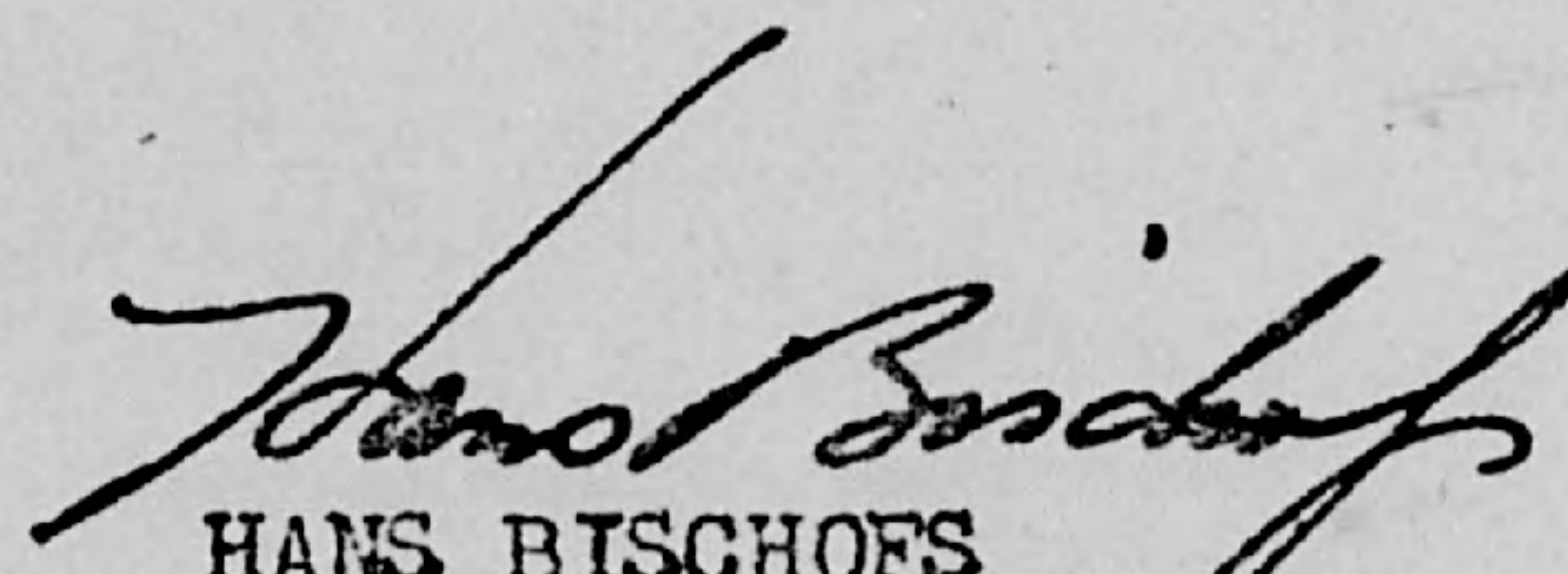
PART FOUR: Supplementary Investigative Efforts

PART FIVE: Comments of Preparing Officer

II. SUMMARY: An unidentified flying object was sighted by an observer at the GOC post in Red Oak, Iowa (GEOREF FJKM 4601), by an air control tower employee at Kansas City, Missouri Municipal Airport (GEOREF FJLK 2407) and by the pilot of a Braniff International Airways flight flying over Kansas City, Missouri (GEOREF FJLK 2504). Object appeared to be of the fire ball type, initially observed at 18/0122Z Dec 55, and lasted for about fifteen seconds. The follow-up investigation consisted of a thorough interview by phone with the three above mentioned persons and a check with other knowledgeable sources connected with this sighting.

III. INVESTIGATORS: CAPT. HANS BISCHOFFS AO 784842
 2d Lt TED W. WUERTHNER AO 3049482

ADDITIONAL SUBJECTS & INDEX CODES
 NO DETX


 HANS BISCHOFFS
 Captain USAF
 OIC

INCL.

B3000000

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AIR INTELLIGENCE INFORMATION REPORT

FROM (-Agency) Det. 2, 4602d AISS	REPORT NO. D2-UFOB-3-55	Part Two PAGE 3 OF 6 PAGES
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I. SOURCE: [REDACTED] (Male)

Address: [REDACTED], Kansas City, Missouri

Age: Adult

Occupation: CAA control tower operator

II. RELIABILITY: Source offered little information on his own, answered only the questions put directly to him. Investigators contacted him since he was the source for an article which appeared in the Kansas City Star of 18 December 55. Source was friendly and seemed sincere.

III. SOURCE'S DESCRIPTION OF SIGHTING: Object flared up in the WNW of the tower about 18/0129Z Dec 55. It was of unusual brightness, yet source took it for granted that the sighting was a falling star. It seemed to him that it burned out before reaching the surface of the earth.

Source turned in no report of the incident, but did talk about it with "several" air line pilots regarding it's unusual brightness.

Source stated the object fell almost straight down.

AIR INTELLIGENCE INFORMATION REPORT

FROM (Agency) Det. 2, 4602d AISS	REPORT NO. D2-UFOB-3-55	Part Three PAGE 4 OF 6 PAGES
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I. SOURCE: Captain [REDACTED]

Address: 6 [REDACTED], Kansas City, Missouri

Age: Adult

Occupation: Captain with Braniff International Airlines

Education: College graduate. Taught physics at the University of Iowa for a period of time.

II. RELIABILITY: The investigators were not able to reach the Captain himself as he was out of the state on business. However his co-pilot, [REDACTED], who was flying with the Captain related the incident to the investigators. The co-pilot had taken informal notes of the event.

III. SOURCE'S DESCRIPTION OF SIGHTING: While flying at about 3,000 feet two miles south of the Kansas City Municipal Airport, a large "greenish colored" object appeared to the WNW at 18/0128Z Dec 55. During the first instant the source states that they had a tendency to duck as the object seemed so near. However the source quickly realized that the sighting was some distance away. He then informed the passengers of the object.

The source watched the object for about 10 seconds and told the co-pilot that it was a "nickle meteorite" because of its greenish cast. The object appeared to burn itself out before reaching the ground.

Upon landing the two flyers talked about the unusual sighting to their friends who had seen it from the ground.

AIR INTELLIGENCE INFORMATION REPORT

FROM (Agency)

Det. 2, 4602d ATSS

REPORT NO.

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Part Four

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SUPPLEMENTARY INVESTIGATIVE EFFORTS:

1. A call to the University of Kansas at Kansas City, Kansas revealed that this institution had no astronomer and that no information relative to the unknown could be obtained from this source.
2. The Kansas City Weather Bureau had no information on the object. The weather as of 18/0130Z Dec 55 for the areas where sightings took place was as follows:
 - a. Kansas City, Missouri. Clear; Visibility, 12 miles; Temperature, 20°; Dew Point, 14°; and Wind, N at 7 knots.
 - b. Omaha, Nebraska (GEOREF FJRM 0517), (nearest weather to Red Oak, Iowa). Ceiling, 14,000 scattered; Visibility, 9 miles; Temperature, 14°; Dew Point, 8°; and Wind, NNE at 4 knots.
3. The Flying Safety Office of the CAA had no information on the unknown sighting.
4. A call was made to the Kansas City Star to find out the source of their brief story of 18 December 55 stating that a meteorite had been seen over the area. The investigators learned that the "Star" had received its story from a Mr. Carroll White at the Control Tower at the Municipal Airport.
5. A contact with the Municipal Airport gave us CAA employee, Mr. White who had seen the object and became another source, but he could not positively identify the object which he had seen.
6. By following a lead mentioned in the TT from 31st AD (Def) contact was made with Captain [REDACTED] and his description of the sighting.
7. Again by chasing down a lead from the TT from 31st AD (Def), contact was made via telephone with the city editor of the Lincoln Nebraska Journal of Lincoln, Nebraska (GEOREF FJJL 2049). It had been reported that "loud to moderate explosions" were heard in conjunction with the sighting. The paper informed the investigators that such noises were reported by an unknown railroad yardman of the Burlington Line working at Humbolt, Nebraska (GEOREF FJKL 0310). The paper revealed further that a Dr. C. B. Schultz of the University of Nebraska was working on the subject and was a knowledgeable person in this field.
8. Telephone contact was established with Dr. Schultz, who is the Director of the University of Nebraska Museum at Lincoln. He stated that from all reports which he received, and from consultations with Professor Collins of that school's Astronomy department, and the noted meteorologist Dr. Lincoln La Paz of New Mexico, that the three of them had decided the object was definitely a meteorite. They further believed that its tail exploded near Humbolt, Nebraska, but the main part struck the earth somewhere south of Beatrice, Nebraska (GEOREF FJJL 1516). Dr. Schultz and Professor Collins were planning to go looking for the object the next day. The unknown object they were working with was of the same description as the one reported from Kansas City, Missouri and from Red Oak, Iowa. The time of occurrence coincided with the other reports within a few minutes. Dr. Schultz was sure that both he and ourselves were talking of the same object.

AIR INTELLIGENCE INFORMATION REPORT

FROM (Agency)	REPORT NO.	Part Five
Det. 2, 4602d AISS	D2-UFOB-3-55	PAGE 6 OF 6 PAGES

COMMENTS of Preparing Officer:

1. In the opinion of the Preparing Officer, this sighting was caused by a meteorite for the following reasons:

a. The direction of the sighting from the various reporting points all vector in towards the Humbolt-Beatrice area. The reporting times are all within the margin of human error, thus they may be considered the same. The descriptions are similar in content. Thus it can be reasonably assumed that all three sources saw the same object and that it is the object Dr. C. B. Schultz investigated.

b. The three actual sources all to one degree or another, suggested by themselves that the object was a meteorite.

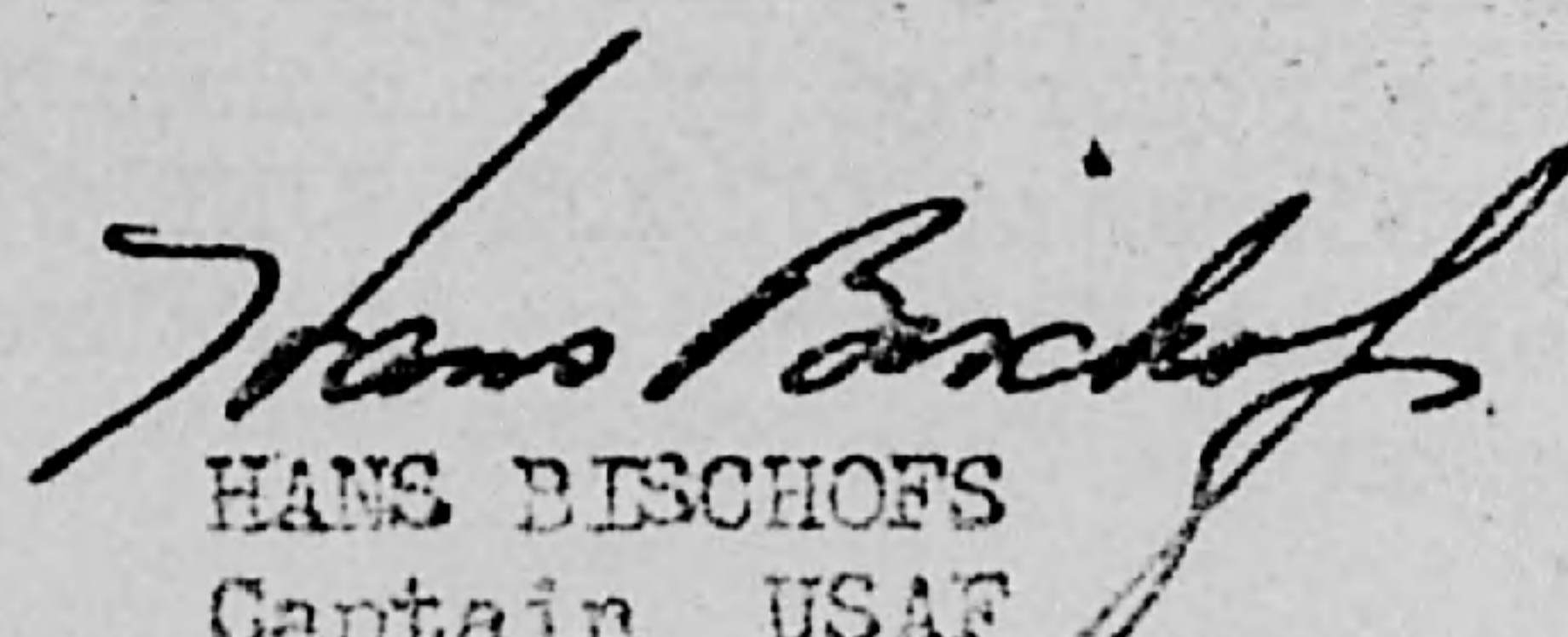
c. The descriptions of the object, together with its short observation period and its characteristic downward trajectory suggests it was a meteorite of unusual size.

d. The collective professional opinion of Dr. Schultz, Professor Collins and Dr. Lincoln La Paz is not to be taken lightly. This is especially true when supported by the actual sources plus the circumstances surrounding the object.

e. The fact that the Red Oak and Kansas City observers thought the object burned out, while in Nebraska they believed it struck the earth can be explained. There is a haze which is known to affect observations near the horizon as is typical with the "loss" of stars near the horizon on even clear nights. Since the horizon is relative to the observer, when the meteorite went past the horizon it would look to the eastern observers as though it suddenly grew dim and then blackened out. Yet to the west the meteorite did not go past the horizon and through the haze, thus the observers there saw a different view.

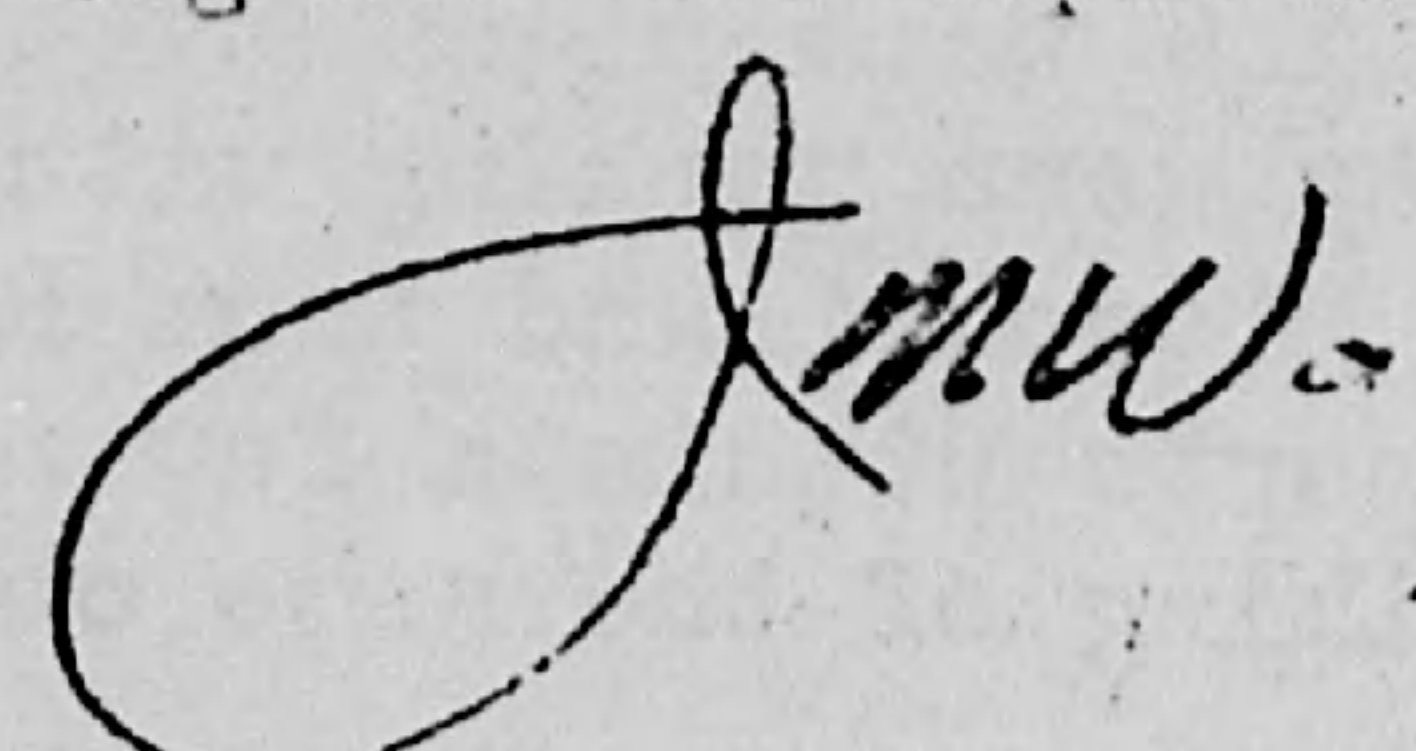
f. The possibility of an aircraft crash was investigated. The CAA at Kansas City, Missouri had no word of any crashes in the area in question.

g. The one feature of the sighting which is unusual to the layman is the brightness of the object and the reported explosion at Humbolt, Nebraska. However Dr. Schultz was not surprised at the occurrence of an explosion nor the greater than average illumination.


HANS BISCHOFFS
Captain USAF
OIC

COMMENTS of Approving Officer:

Concur with the opinion of the Preparing Officer that the sighting described in the above report was caused by a meteorite. It is the further opinion of this headquarters that the meteorite was of bolide type, accounting for the explosion heard in Humbolt, Nebraska.



AIR INTELLIGENCE INFORMATION REPORT

FROM (Agency)

REPORT NO.

Det. 2, 4602d AISS

D2-UFOB-3-55

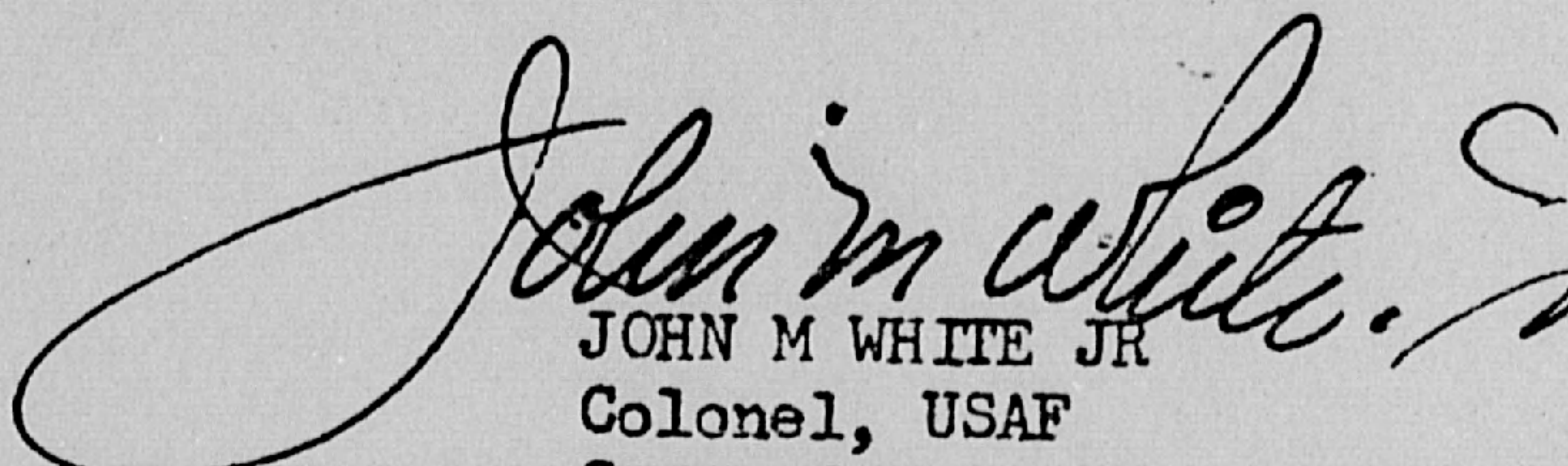
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APPROVED:


JOHN M WHITE JR
Colonel, USAF
Commander