2

PAGE OF 15073 RECORD CARD

ATIC NO. ---

AF NO. ---

BUTLER NO. ---

DATE OF REPORT ---

TIME OF SIGHTING 1500

SHAPE Fireball

SIZE Fireball

COURSE 55°

NO. IN GROUP 1

SOUND ---

PHOTOS ---

SKETCHES ---

DATE OF INFO 30 Jan 1949

LOCATION El Paso, Texas

SOURCE Airmen

DATE IN TO ATIC ---

COLOR Green

SPEED ---

ALTITUDE 40 above Horizon

LENGTH OF TIME OBSERVED ---

TYPE OF OBSERVATION Ground

MANEUVERS ---

REMARKS: A green fireball.

Temporary ATIC Form 329
(2 Jan 52)

INCIDENT NO. 246 Q

1. Date of Observation 30 Jan 49 Date of Interview 1 Feb 49
2. Exact time (local) Approximately 1800 hours
3. Place of Observation West of Tularosa, New Mexico, 33°-04' North 106°-02' West
4. Position of observer
5. What attracted attention to object & -
6. Number of objects
7. Apparent size
8. Color of object Green and yellowish light
9. Shape
10. Altitude First sighted 26-1/2° Elevation - Last sighted 26° Elevation
11. Direction from observer First sighted 47° Magnetic North
Last sighted 65° magnetic North
12. Distance from observer appeared very close
13. Direction of flight of object(s) East SE or SE
14. Time in sight 3 - 4 seconds
15. Speed slowly
16. Sound and dor
17. Trail
18. Luminosity Bright burning
19. Projections
20. Maneuvers gentle downard glide
21. Manner of disappearance died out after flare up
22. Effect on clouds
23. Additional information concerning object a fizzle out, then a bright burning then died out
24. Weather conditions clear and cold, no ground wind, no indications of upper winds

(over)

Name and addre s of observer: [redacted] ort Worth, Texas

Occupation and hobbies:

Comments of Interrogator relative to intelligence and character of observer(s):

NARRATIVE SUMMARY:

Miss. [redacted] was interview ed on 1 Feb 49. She was the first to observe the phenomena in the Davis residence. From here indicated positions were measured with a hand transit. The beginning point was found to be North 62° West, true, at approximatély 6 plus dregees altitude and the end point was found to be North 86° West, altitude 31/2 degrees or lower. The exact time of duration by rehearsal was measured to be 1.8 sec. The approximate size of the Fireball was considered to be from 1/2 to 1/3 size of the full moon.

Incident: 2469

Name and address of observer: [redacted], Holloman AFB, Alamogordo, New Mexico

Occupation and hobbies:

Comments of Interrogator relative to intelligence and character of observer(s):

NARRATIVE SUMMARY:

"On the 30th of January 1949 at approximately 1800 hours, while in the company of Mr. [redacted] of Boeing Aircraft, I observed an object that appeared to be traveling diagonally accross in front of me, at an angle of 35' to 40 degrees above my line of sight. Its distance seemed very close and appeared to be traveling very slowly. The object was in my sight for approximately three or four seconds. The actions of said object during this time were as follows?

Gentle downward glide; bright burning (green and yellowish light) a fizzling out and then a bright burning, and then appeared to die out. (This could have been the effects of its passing beyond my view).

My direction of travel was nearly due East, thus the object's direction was East-Southeast or Southeast. The weather at that time was clear and cold, no ground wind and no indications of upper winds. My location was West of Tularosa, New Mexico, beyond the railyards of the Southern Pacific Railroad"

INCIDENT NO. 246 R

1. Date of Observation Apparantly 30 Jan 49 Date of Interview 4 Feb 49
2. Exact time (local) Not stated, but believed to be near 1800
3. Place of Observation Holloman AFB, New Mexico, 106° - 02-1/2' West
4. Position of observer
5. What attracted attention to object & -
6. Number of objects 1
7. Apparent size
8. Color of object Bright Green
9. Shape Ball of Flame
10. Altitude First sighted 11° Elevation last sighted 3° Elevation
11. Direction from observer Easternly First Sighted 38° Magnetic North
    Last seen 75° magnetic North
12. Distance from observer
13. Direction of flight of object(s) Southernly
14. Time in sight 6 seconds
15. Speed
16. Sound and dor none noticed
17. Trail Some kind of trail
18. Luminosity
19. Projections
20. Maneuvers
21. Manner of disappearance Appeared to burn out did not explode
22. Effect on clouds no clouds visible
23. Additional information concerning object
24. Weather conditions No clouds, no wind

(over)

Incident: 246 R

Name and addre s of observer: [redacted], Weather Detachment, Holloman AFB, Alamogordo, New Mexico

Occupation and hobbies:

Comments of Interrogator relative to intelligence and character of observer(s):

NARRATIVE SUMMARY:

On 4 February 1949, [redacted], Weather Detachment, Holloman AFB, Alamogordo, New Mexico advised that he had seen a green ball of flame with a trail of some kind in an Easternly direction. [redacted] described the object as traveling in a southerly direction and added that the object was visible to him for approximately 6 seconds. [redacted] described the object as being bright green and disappeared without an explosion but by merely seeming to burn out. [redacted] advised that there were no clouds and no apparent wind, and that the object was soundless.

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25 March 1951

SUBJECT: Anomalous Luminous Phenomena
Fire Fireball of 1951, March 6, 11.5.

TO: Commanding, General
Air Material Command
Wright-Patterson Air Force Base
Dayton, Ohio
ATTN: MCIS

The attached Spot Intelligence Report, dated 21 March 1951, and copy of letter to Headquarters OSI, dated 22 March 1951, are forwarded for your information and any action deemed appropriate.

2 Incls
1. Spot Intl Rpt dtd 21 Mar 51
w/incl Sketch Aero Chart
2. Cy of ltr hq dtd
22 Mar 51

JAMES P. K. O'CONNELL
Colonel, USAF
District Commander

Copy to:
Hq OSI w/o dcy incls

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DECLASSIFIED AFTER 12 YEARS.
DOD DIR 5200.10

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DEPARTMENT OF THE AIR FORCE
HEADQUARTERS UNITED STATES AIR FORCE
WASHINGTON

THE INSPECTOR GENERAL USAF
17TH DISTRICT OFFICE OF SPECIAL INVESTIGATIONS
KIRTLAND AIR FORCE BASE, NEW MEXICO

Ltr to Dir Sp Inv dtd

21 March 1951

SPOT INTELLIGENCE REPORT

SUBJECT: Anomalous luminous phenomena
The Fireball of 1951, March 6, 1951

TO: Director of Special Investigations
Headquarters, United States Air Force
Washington 25, D. C.

Although this incident does not fall within the purview of AFOSI Letter No. 85 dated 23 October 1950, nevertheless, the publicity incident to this matter and the source conducted by Dr. LINCOLN LaPAZ, Director Institute of Meteoritics, has been such that it is believed the facts adduced will be of interest, and is therefore thereby made available for being ascertained.

1. ENCLOSURE(1) An anomalous luminous phenomena occurred 6 March 1951 at approximately 2030 hours. The reports of this phenomena were gathered by Dr. LINCOLN LaPAZ, and a survey was made to determine whether or not there were tangible physical evidence of a meteorite. The physical evidence of a meteorite, if such was a meteorite, has not been discovered. Visual observations have been reduced to points of intersection covering an approximate rectangular area three (3) miles by six (6) miles and within an area contiguous to Tularosa, New Mexico. Search continues by LaPAZ.

2. DETAILS: Dr. LINCOLN LaPAZ, Director, Institute of Meteoritics, University of New Mexico, Albuquerque, New Mexico, gathered all available eyewitness data on the phenomena and attempted to recover any physical residuary evidence. More particularly delineated in a report of Dr. LaPAZ:

"...Herd A fireball is the last in the four series of incidents occurring in northwestern New Mexico and the closely adjacent portions of Texas and Colorado. Of this series, only three fireballs produced any acoustic phenomena and, therefore, were initially regarded as almost certainly interesting meteorite falls. The first of this trio was the fireball of January 17, 1950 in the Amarillo-Lubbock region, which was the subject of intensive study by the A.F.I. and the Institute of Meteoritics and other interested agencies. In spite of the fact that the area of fall was sparsely and accurately located and that this area was not only accessible for several weeks immediately after fall, but also has been repeatedly

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researched since, no meteoritic fragments have been recovered to date. The second of the trio was the detonating fireball of December 4, 1949 in the Cuspo, Colorado region, from which , in spite of long continued careful search, no meteorites have been recovered. The fireball of March 6 completes the trio and bids fair to conform to the pattern set by the two earlier falls, in that searches initiated in the accurately delimited area of fall within 24 hours after the appearance of the fireball have discovered no meteorites to date.

"The detonating fireball of March 6 was of exceptional magnitude, rivalling the record-breaking meteorite fall of 1948, February 18 in Kansas and Nebraska, from which over a thousand fragments have been recovered, in the intensity of the light and sound effects produced. The fireball of March 6 was seen at a distance of 150 miles by an observer crossing glaring snow-fields in bright sunlight. As regards the remarkable sonic phenomena produced on March 6, they have been so fully reported on by the news agencies as to require no comment here. Inquiry measures on carefully made observations of this fireball indicate that it remained luminous to a very low level in the atmosphere. Hence, if it were a normal meteorite fall, the probability would be very great that solid masses survived to fall to the earth. Furthermore, because of the great size and luminosity of the fireball, it seems likely that the largest surviving masses would be of such size as to punch out easily visible craters in the earth. Yet in this, as in the two earlier cases, no trace either of meteorites or of the effect of meteoritic impact on the earth has been found.

"In view of the very puzzling nature of the three major incidents discussed above (and of many other unexplained minor incidents of similar nature), I wish to repeat the recommendation I made in the case of the Lubbock and Sarpy fireball falls, namely, that the A.F.I. arrange to secure photographic coverage of the area in which fragments from the March 6 fall should have landed. (Preferably the photographic missions should secure stereo coverage of the area obtained for us in the Four Corners region under the direction of Colonel Jones, AC, USAF, AFOIN-2, Photo and Imagery.)

"After a careful study has been made of the photographs of the fall area (an elliptical strip with axes of 8 and 5 miles, respectively, the major axis extending from (about) Lat. 36° 24', Long. 134° 15' to Lat. 36° 11', Long. 134° 0', as plotted on Jet Nav. Chart), it is strongly recommended that arrangements be made to ground search, by insofar extensive coverage will serve by which meteorite fragments appear to have occurred.

"In making these recommendations, I am chiefly influenced by the probability that the fireball is meteoritic in nature. However, in the event that no fragments are recovered by search of

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File 24-0
Subj Anomalous luminous phenomena

21 Mar 51

"meteorites when more exhaustive air and ground search is made. I do not feel that the effort expended by the Air Force in conducting such searches would have been wasted. Meteorites recovered soon after their fall have, at present, a military value far in excess of the scientific importance they have always had...."

3. ACTION: This District Office is not taking any action other than forwarding this report in accordance with AFOSI Letter No. 85, dated 23 October 1951. In the event that there are any new developments or consistent facts pertaining thereto, they will be forwarded in accordance with the distribution of this report.

RICHARD G. COX
Lt. Col., USAF
District Commander

1 Incl
Secret Aero Chart
(3-4)

cc: AMD (Dup) w/incl
AFSWC

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DEPARTMENT OF THE AIR FORCE
HEADQUARTERS UNITED STATES AIR FORCE
WASHINGTON

AIR MAIL

INSPECTOR GENERAL USAF
17TH DISTRICT OFFICE OF SPECIAL INVESTIGATIONS
KIRTLAND AIR FORCE BASE, NEW MEXICO

File No: 2b-2

12 March 1952

SUBJECT: Aerial[illegible] Unknown Phenomena
Flatbush of 1/52, March 6, 2h:3h

TO: Director of Special Investigations
Headquarters, United States Air Force
Washington 25, D. C.

1. Reference is made to the attached Spot Intelligence Report, subject as above, dated 11 March 1952.

2. Dr. [illegible]/AFAC is of the opinion (see third paragraph of Dr. [illegible]'s statement, attached report) that a photographic coverage of the area in which fragments from the March 6 fall should have limited scientific data of value to the Air Force. The 17th District Office has not expressed an opinion concerning this matter but contends that should Headquarters, Special Weapons Command, it is attempt to secure photographic coverage, the Director, Security and Intelligence, Special Weapons Command, after a check of his facilities, informed this office that such a mission could not be accomplished by his command due to a shortage of equipment and personnel.

3. Reference the fourth paragraph of [illegible]'s statement, it is requested this office be informed by [illegible] that the Air Force has any desire in the reconnaissance that Air Force personnel be dispatched to ground search in the area in which metorite fragments are reported.

4. The attached report is forwarded for your information and use. It is requested that this District be informed if your Headquarters deems it advisable to secure photographic coverage of the area as outlined in the fifteenth day.

WILLIAM G. OTT
Lt. Col., USAF
District Commander

1 Incl.
Spot Intel Rpt, 11Mar52,
w/1 Incl thereto

cc: AMC

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[redacted]

JDN 49

223

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Basic: Ltr fr 17th Dist OSI, KAFB, to CO, KAFB, dtd 24 Jan 49, Subj: "Unknown (Aerial Phenomena)."

AG 1st Ind OMN:jb

HEADQUARTERS, Kirtland AF Base, Kirtland Field, N. Mex., 31 Jan 1949.

TO : Commanding General, AMC, Wright-Patterson AF Base, Dayton, Ohio.

Forwarded for your information in connection with the report of investigation forwarded from this Headquarters on 14 December 1948 by 1st Ind to letter same subject as above.

FOR THE COMMANDING OFFICER:

Oliver M. Noland

OLIVER M. NOLAND
Captain, USAF
Adjutant

1 Incl: n/c (1 cy w/d)

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[redacted]

KAFB 3626

[redacted]

HEADQUARTERS UNITED STATES AIR FORCE
THE INSPECTOR GENERAL
OFFICE OF SPECIAL INVESTIGATIONS

REPORT OF INVESTIGATION

FILE NO. 24-8

DATE 11 February 1949

REPORT MADE BY PAUL L. RYAN

REPORT MADE AT DO #17, Kirtland AFB

PERIOD 31 Jan, 1-5 Feb 1949

OFFICE OF ORIGIN DO #17, Kirtland AFB

STATUS RIR

TITLE

Aerial Phenomena

CHARACTER

Special Inquiry

REFERENCE

Telephone call from Hq 17th Dist OSI, Kirtland AFB, on 31 Jan 49

SYNOPSIS

Acting on telephonic instructions received from DO #17, Kirtland AFB, Kirtland Field, New Mexico, on 31 January 1949, in which Mr. CHARLES NAFZIGER, JR., Administrative Supervisor, advised that a peculiar light or aerial phenomena had been observed at 1755 hours, 30 January 1949, in the vicinity of Walker AFB, Roswell, New Mexico, and that [redacted], a tower control operator of Walker AFB, be contacted for information. The following action was taken: A check with Police Department, Sheriff's Office, Municipal Airport, the Continental, Pioneer, and Charter Service Air Lines In Roswell, New Mexico, was made to determine if any of these agencies had received any reports pertaining to this phenomena. Results negative. Eight persons who had witnessed this aerial phenomena were interviewed at Walker AFB, and grid coordinates with an engineer's transit reading of azimuths and elevations was taken at points of observation on Walker AFB. An almost house-to-house search was conducted East of Roswell by OSI and Dr. LINCOLN LA PAZ of the University of New Mexico for all possible witnesses. This search extended throughout southeast New Mexico and West Texas. The search for additional information extended North of Roswell to Clovis, New Mexico, and South of Roswell to a point about fifteen miles South of Artesia, New Mexico. In Artesia, this questioning elicited the information that about the approximate date of the appearance of this meteor (interviewees could not recall the exact date), a noise resembling somewhat the sound made by the robot bombs utilized by Germany against England

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DOYLE REES
Lt. Colonel, USAF
DISTRICT COMMANDER

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24b

KAFB 3653

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in 1944 was heard by two men. An aerial and ground search conducted in the vicinity of Lamesa, Texas, for physical evidence was negative. A report from a ten year old boy in Amherst, Texas, reporting a sound accompaniment with the aerial phenomena, was obtained.

DETAILS:

1. A telephone call from Mr. CHARLES NAFFZIGER, Administrative Supervisor, DO #17, Kirtland AFB, Kirtland Field, New Mexico, on the morning of 31 January 1949, instructed this office to ascertain the azimuth, elevation, and direction of a peculiar light observed near Walker AFB at 1755 hours, 30 January 1949, by Sgt EDWARD P. McCRARY.

2. This is a joint report of Special Agents JACK B. WILLIAMS, LEWIS S. RICKETT, and the writer.

AT ROSWELL, NEW MEXICO

3. The Municipal Airport, Sheriff's Office, and Police Department of Roswell, New Mexico, were contacted on 31 January 1949 and advised that no report had been received in their agencies of an aerial phenomena the preceding day. The Continental, Pioneer, and Charter Service Air Lines stated on this date that no flares had been utilized by any of their personnel in or near Roswell.

AT WALKER AFB, ROSWELL, NEW MEXICO

4. Sgt RAYMOND D. PLATT, AF 12254077 (MOS766); Sgt EDWARD P. McCRARY, AF 18141615 (MOS 552); S Sgt DONALD J. McKENNA, AF 19244055 (MOS 561); Cpl WILLIAM J. BRYANT, AF 14268902 (MOS 552); and Pvt ROGER M. JOHNSON, AF 31271834 (MOS 552), all of 1900-4 AACS Detachment, Walker AFB, Sgt DANIEL SULLIVAN, AF 11108867 (MOS 213); and JAN MEDLI, Special Agent of Office of Special Investigations, Walker AFB, Roswell, New Mexico, were interviewed on 31 January 1949 and the following facts obtained: On 30 January 1949 at 1755 hours, a blue-green light resembling a flare was observed travelling on a horizontal line. This light came out of the North headed South at an estimated altitude of 2,000 feet, moving slowly, and disappeared in the vicinity of SE Walker Air Force Base. To some observers, this phenomena disappeared in its entirety while other statements mentioned a disappearance as a disintegration into a shower of smaller lighted fragments such as a shower of sparks. The only sound accompanying this object was heard by Sgt McCRARY, who described it as a high pitched whining noise similar to that of a blowtorch. All of these observers sighted this light from a position West of it while facing East.

5. Obtaining the services of an engineer's transit, the following information was secured by making a reading from points of observation:

First observed at 52° magnetic.
Last observed at 87½° magnetic.
Elevation of 22°.

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The following grid coordinates were secured:

a. Center of Walker AFB: 104° 31½' W
33°00'18' N

b. Control Tower (reading from center of WAFB: 75' N
5470' W

c. Tennis Courts: 1125' N
5630' W

d. Base Theater: 1925' N
5060' W

6. An interview with Cpl JOHN G. THADEN, AF 1320658 (MOS 778), 1900-4 AACS Detachment, Walker AFB, Roswell, New Mexico, on 1 February 1949, elicited information identical with the other observers.

7. On 2 February 1949, an attempt was made to contact any person who might have observed this phenomena from the East or facing West. This questioning continued for about forty (40) miles East of Roswell with negative results.

8. Special Agent RICKETT continued this search throughout Southeast New Mexico and West Texas from 1400 hours, 2 February 1949, to 2400 hours, 5 February 1949, in the company of Dr. LINCOLN LA PAZ of the University of New Mexico. All information obtained during this part of the investigation was retained by Dr. LA PAZ and will be incorporated into his report to OSI.

AT CLOVIS, NEW MEXICO

9. Acting on information relayed to the OSI from a Major GODSOE of Sandia Base stating the Sheriff at Clovis, New Mexico, had information pertaining to a meteor landing on a farm in the vicinity of Clovis, an attempt on 2 and 3 February 1949 to locate this farm in Clovis met with negative results. Questioning of persons and law enforcement agencies enroute to and in Clovis did not produce any information of a pertinent nature. The Sheriff at Clovis stated that he knew nothing of the meteor.

AT ROSWELL AND ARTESIA, NEW MEXICO

10. On 4 February 1949, a search was conducted South of Roswell to a distance of approximately fifteen (15) miles South of Artesia, New Mexico, to determine if possible the extent of observation of this aerial phenomena. Mrs. NEIL ALBERTS, 506 West Main Street, Artesia, New Mexico, was questioned as to a light observed by her, and it was ascertained that she had witnessed this phenomena. A noise resembling a racing motorcycle was heard in the vicinity of Artesia on or about 30 January 1949 about 0530 hours. The people hearing this noise stated its duration was about three (3) minutes. Mr. WAYNE McAFEE and ROBERT D. PORTER, Allen Oil Company, East Main Street, Artesia, New Mexico, stated they had been separated by a distance of about three (3) miles at this time and both heard the noise. No directions, altitude, or speed was obtained because of the difficulties of locating a sound in the air. Both observers stated

[redacted]

positively that the sound was not emanating from an aircraft. When questioned as to the sound, [redacted] revealed the fact that as a soldier in the European Theater of Operations during the war, he had observed and heard many robot bombs (buzz bombs). According to [redacted] the sound he heard was somewhat like the noise produced by these bombs.

AT AMHERST, TEXAS

11. In accordance with instructions from Dr. LA PAZ on 5 February 1949, in Lamesa, Texas, a trip was made to Amherst, Texas, for the purpose of interviewing Master [redacted], the ten (10) year old son of Mr. M. DUFFY, President of the First National Bank, Amherst, Texas. An interview with this family confirmed the fact that young DUFFY had witnessed the aerial phenomena, with the added information that he had heard a rumbling noise emanating from it. The best description offered by this ten year old boy was its similarity to a short roll of thunder. No other member of this family had seen or heard anything out of the ordinary; this is explained by the fact that the boy was playing outdoors with his dog. No mention was made by [redacted] as to any peculiar actions on the part of this dog during the observation. [redacted] position when he observed this light was facing South. A highway running North and South is located about a mile and a half to the West of his home. No railroad was observed South of his home. Approximately thirty (30) other persons questioned in this small town had not seen or heard anything with the exception of Miss [redacted], Clerk, First National Bank, Amherst, Texas. Miss [redacted] stated that she was in a car heading South about twenty (20) miles North of Amherst on Highway 51 when she observed this red and blue light. Its direction at this time was South of her. An interrogation of Miss [redacted] elicited information identical to the description of the phenomena. Mr. and Mrs. [redacted] (parents of [redacted]) were in the car and also witnessed the light. No sound was heard by these persons.

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[redacted]

[redacted]

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HEADQUARTERS UNITED STATES AIR FORCE
THE INSPECTOR GENERAL
OFFICE OF SPECIAL INVESTIGATIONS

REPORT OF INVESTIGATION

TITLE: SPECIAL INQUIRY (Aerial Phenomena) 30 January 1949	FILE NO. 24-8
	DATE 9 February 1949
	REPORT MADE BY EDGAR J. BETHART
	REPORT MADE AT DO #17, Kirtland AFB
	PERIOD 31 January; 1, 2, 3, 4, 8 February 1949
	OFFICE OF ORIGIN DO #17, Kirtland AFB
CHARACTER: SPECIAL INQUIRY	STATUS REFERRED UPON COMPLETION
REFERENCE: Telephonic request from Captain MELVIN NEFF, on 31 January 1949.	

SYNOPSIS

This investigation was requested by Captain MELVIN E. NEFF, 17th District OSI (IG) USAF. Seven (7) people were interviewed and six (6) readings were taken with a transit in an effort to locate the azimuth of the aerial phenomena.

30 Jan 49 - 1800 — Peterson

30 Jan 49 - 1800 — Martin - Anthon

Vail

30 Jan 49 - 1755 - Bethart - Jones

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APPROVED

A. C. MURELLE, II
Captain, USAF
Acting DISTRICT COMMANDER

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DETAILS:

1. This investigation is predicated upon a telephonic request by Captain MELVIN E. NEFF, 17th District OSI (IG) USAF on 31 January 1949 to obtain all pertinent data in connection with an aerial phenomena seen in the vicinity of Alamogordo, New Mexico on 30 January 1949, at approximately 1800 hours.

2. On 1 February [redacted] Adjutant, Holloman AFB, Alamogordo, New Mexico advised that on 30 January 1949 at approximately 1800 hours, he sighted a single bright green object in an Easterly direction. [redacted] hesitated to estimate the altitude or distance of the object. [redacted] described the object as a bright green ball of flame traveling in a Southerly direction, without evidence of smoke or a trail of any kind. [redacted] advised that there were no clouds and that the object did not make any noise to his knowledge. [redacted] advised that the object seemed "to fizzle out" in the air.

3. On 2 February 1949, the writer set up a transit at the approximate location where Major [redacted] sighted the object and obtained the following readings:

Location: 33° 56' North and 106° 05½' West (Holloman AFB)

Object First Sighted: 55° Magnetic North and 3° elevation.

Object Last Sighted: 63° Magnetic North and 3½° elevation.

4. On 3 February 1949, at the Office of Special Investigations, Holloman AFB, the writer interviewed Mr. [redacted], electronics technician with Boeing Aircraft Company, Holloman AFB, who advised that on 30 January 1949 at approximately 1800 hours, while in the vicinity of Tularosa, New Mexico, and in the company of Sgt. [redacted] Holloman AFB, he saw a single, bright green ball of fire to the East. The ball of fire seemed to be traveling in a southerly direction. [redacted] believed the object to be at an elevation of about 15° but declined to make an estimate of his distance from the object. [redacted] advised that the ball was visible for approximately 10 seconds. [redacted] stated that there was no apparent exhaust to the object, nor were there any clouds in the sky. MARTIN stated that the object seemed to die out of its own accord and did not explode.

5. On 4 February 1949, [redacted] Weather Detachment, Holloman AFB, Alamogordo, New Mexico advised that he had seen a green ball of flame with a trail of some kind in an Easterly direction. [redacted] described the object as traveling in a Southerly direction and added that the object was visible to him for approximately 6 seconds. [redacted] described the object as being bright green and disappeared without an explosion but by merely seeming to burn out. [redacted] advised that there were no clouds and no apparent wind, and that the object was soundless.

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[redacted]

KAFB 3653

[redacted]

The writer set up a transit at the exact location from where [redacted] sighted the object and obtained the following readings:

Location: 33° 56' North and 106° 05½' West (Holloman AFB)

Object First Sighted: 38° Magnetic North and 11° elevation.

Object Last Sighted: 75° Magnetic North and 3° elevation.

6. Mr. [redacted] Alamogordo, New Mexico was interviewed on 8 February 1949. Mr. [redacted] advised that his position at the time of the sighting was approximately 3 miles South of Three Rivers, New Mexico, but that he was not positive inasmuch as a Mr. [redacted], [redacted], Alamogordo, New Mexico, was in the car with him and [redacted] believed that they were not at Three Rivers when the object was sighted. The description of the object by [redacted] was that it was a longish object, green with a white flame in front. [redacted] added that he saw the object for about 15 seconds. An attempt was not made to take transit readings with Mr. [redacted] because of his indeterminate position at the time of his sightings. Other than the difference of the shape of the object, the description given by [redacted] concurred with the other description noted herein.

AT TULAROSA, NEW MEXICO

7. Sgt. [redacted] Holloman AFB, Alamogordo, New Mexico was interviewed on 1 February 1949 and made the following statement:

"On the 30th of January 1949 at approximately 1800 hours, while in the company of Mr. [redacted] of Boeing Aircraft, I observed an object that appeared to be traveling diagonally across in front of me, at an angle of 35 to 40 degrees above my normal line of sight. Its distance seemed very close and appeared to be traveling very slowly. The object was in my sight for approximately three or four seconds. The actions of said object during this time were as follows:

> Gentle downward glide; bright burning (Green and yellowish light) a fizzling out and then a bright burning, and then appeared to die out. (This could have been the effects of its passing beyond my view).

My direction of travel was nearly due East, thus the object's direction was East-Southeast or Southeast. The weather at that time was clear and cold, no ground wind and no indications of upper winds. My location was West of Tularosa, New Mexico, beyond the railyards of the Southern Pacific Railroad."

[redacted]

8. On 1 February 1949, the writer set up a transit at the approximate location where Sgt. ANTHON sighted the object and obtained the following readings:

Location: 33° 04' North and 106° 02' West

Object First Sighted: 47° Magnetic North and 26½° elevation.

Object Last Sighted: 65° Magnetic North and 26° elevation.

AT WHITE SANDS NATIONAL MONUMENT, NEW MEXICO

9. On 3 February 1949, the writer, accompanied by Mrs. [redacted], Alamogordo, New Mexico and Mrs [redacted] Michigan Avenue, Alamogordo, New Mexico, attempted to locate in the White Sands National Monument the spot from which the object had been sighted on 30 January 1949, at approximately 1755 hours. Because of the many devious turns of the road, only an approximate location could be established. Through the use of a transit the following readings were obtained: Location 33° 49' North and 106° 13' West.

a. Mrs [redacted]

First sighted object: 55° Magnetic North and 12° elevation.

Last sighted object: 60° Magnetic North and 10° elevation.

b. Mrs [redacted]

First sighted object: 68° Magnetic North and 20° elevation.

Last sighted object: 80° Magnetic North and 19° elevation.

c. Mrs. [redacted]

First sighted object: 65° Magnetic North and 11° elevation

Last sighted object: 72° Magnetic North and 8° elevation.

All of the above concurred in the description of the object as being a single, bright burning green object, which was in view approximately 3 seconds. Body had a gentle downward glide and seemed to fizzle out with the light becoming less intense and finally disappearing altogether. Angle of elevation was estimated above with transit and none would venture a guess as to the distance of the object. Original statements were to the effect that object appeared to be between the Base and the White Sands, located to the West of the Base.

- REFERRED UPON COMPLETION TO THE OFFICE OF ORIGIN -

PRIORITY UNCLASSIFIED CONFIDENTIAL

EJD007

PP JEPAB

1. MCIA - Action
2. MCI - Info

Paraphase not required. Handle as correspondence per paragraph 51 i and 60a(4), AR 380-5.

FM HEP 38C/ HQ USAF WASH DC 032310Z

TO JEPAB / COMGENAMC WRIGHT PATTERSON AFB DAYTON OHIO

AF GRNC

COMGENAMC PASS TO MCIAXO-3

/// [redacted] /// FROM AFCSI 51074

FOLLOWING INFORMATION RECEIVED THIS DATE FROM CO KIRTLAND AFB

". NEW MEXICO: " SUBJECT ; UNKNOWN, AERIAL PHENOMENA, FILE NUMBER 24-8. SIGHTING OF IDENTICAL OBJECT REPORTED AT 2255Z 30 JAN 49 BY APRX 30 PEOPLE. ESTIMATE AT LEAST 100 TOTAL SIGHTINGS. AEC, AFSWP, 4 TH ARMY, LOCAL COMMANDERS PERTURBED BY IMPICATIONS OF PHENOMENA. SIGHTING REPORTED FROM EL PASO, ALBUQUERQUE, ALAMOGORDO, ROSWELL, SOCORRO, AND OTHER LOCATIONS. ALL APPERS TO GE SAME OBJECT AT DIFFERENT POINTS OF TRAJECTORY. UNLEESS INSTRUCTED TO CONTRARY THIS OFFIC WILL MAKE ALL OUT INVESTIGATION WITH VIEW TO LOCATION OF IMPACT POINT IF ANY."

CO KIRTLAND AFB HAS BEEN ADVISED BY THIS HEADQUARTERS TO CONDUCT INVESTIGATION AND TO "KEEP YOUR OFFICE INFORMED OF RESULTS . // C O N F I D E N T I A L //

CFN 1: AFCSI 51074 24-8. 2255Z 49 30 100 AEC, AFSWP 4TH

S-10499-1

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03/2345Z FEB

DOWNGRADED AT [illegible] INTERVALS;
DECLASSIFIED [illegible] YEARS

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HEADQUARTERS FOURTH ARMY
FORT SAM HOUSTON, TEXAS

[illegible]

[illegible]

[illegible]

TO: Commanding General
Air Material Command
Wright-Patterson Air Force Base
Dayton, Ohio
ATTN: A.T.I.

[illegible]

[illegible]

Enclosed herewith is information received at this headquarters on the above subject. This information is furnished for your information and action deemed necessary.

[illegible]

Eades K Plumb

[illegible]

Fireball reports of

30 Jan 49 - 1730 - Umphreys and Canter
30 Jan 49 - 1740-1750 mc Donald
30 Jan 49 - 1754 Benson and Ashby

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

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246

SUMMARY OF INFORMATION

UNCLASSIFIED

DATE: 2 February 1949

PREPARING OFFICE: Office of the AC of S, G-2, Headquarters Fourth Army, Fort Sam Houston, Texas

SUBJECT: Unconventional Aircraft

CODE FOR USE IN INDIVIDUAL PARAGRAPH EVALUATION

OF SOURCE:
- COMPLETELY RELIABLE . . . . A
- USUALLY RELIABLE . . . . . B
- FAIRLY RELIABLE C
- NOT USUALLY RELIABLE . . . . D
- UNRELIABLE . . . . . E
- RELIABILITY UNKNOWN . . . . F

OF INFORMATION:
- CONFIRMED BY OTHER SOURCES . 1
- PROBABLY TRUE 2
- POSSIBLY TRUE 3
- DOUBTFULLY TRUE 4
- IMPROBABLE 5
- TRUTH CANNOT BE JUDGED . . . 6

SUMMARY OF INFORMATION

The following teletype messages were received:

From Branch Intelligence Office, El Paso, Texas, 31 January 1949:

"Sgt Serrin, G-2, Ft Bliss, Texas, telephoned the following information to Branch Intelligence Office, El Paso at 1730 hours, 30 January 1949 [redacted] and [redacted], both living in Alamogordo, New Mexico, were driving south on highway 54 from Carrizozo, New Mexico, near a town named Three Rivers, New Mexico, at approximately 1730 hours, 30 January 1949. Looking east, towards Sierra Blanca Peak, slightly south of this peak and about two inches above the horizon, they sighted a flame. The flame was moving south slightly downward from Old Baldy, which is another name for the Sierra Blanca Peak. It was oblong in shape, the front of the flame was a light blue, almost white, and the rear was a whitish blue. It was about one and one quarter inches long. The flame was visible only for an instant and after traveling three or four inches across the horizon, suddenly went out. It did not explode. There was no noise. It was impossible to get a transit sight at that time. All continue investigation. The two individuals are working for the General Electric Corporation at White Sands Proving Grounds. Lt Serrin, Sgt, Ft Bliss, Texas, telephoned the following information to Branch Intelligence Office at El Paso at 1430 hours, 31 January 1949: M/Sgt Hal and A. McDonald, Btry C, 62nd Missile Regiment, Fort Bliss, Texas, saw, between the hours of 1740 to 1752, 31 January 1949, the following: An object, approximately over the Municipal Airport, El Paso, Texas (could have been nearer or farther), which looked like a solid fuel rocket about four feet in length, traveling at a slight downward angle about three thousand feet high. A stream of fire about fifteen or twenty feet long was shooting out the back. This died out when object appeared to be over the Administration building of the airport. This was seen from the corner of Saint Vrain and Montana Street, El Paso. This statement later corrected death seen from in front of Post Theatre, Ft Bliss. The flame appeared to be definitely that of a powder rocket rather than a liquid fuel rocket. Transit readings are being taken. Investigation continuing."

From Branch Intelligence Office, El Paso, Texas, 1 February 1949:

"Sgt McDonald was taken to the intersection of Carter Road and Pershing Drive, Fort Bliss, Texas, where he had sighted object in the sky on 31 January 1949. Time of sighting was 1745. Transit readings were made from this point which is 106 degrees twenty six minutes 30 seconds East and 31 degrees 40 minutes 30 seconds North. Readings were as follows: Angle of elevation when first sighted, one eleven degrees 50 minutes azimuth when first seen was 12 degrees 30 minutes

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2 cys

Director of Intelligence; Air Material Command, Dayton, Ohio, and 4th Army Ltr

D AGO FORM 1 JUN 47 568

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SUBJECT: Unconventional Aircraft 2 February 1949

angle of elevation when last sighted plus six degrees zero minutes. Azimuth when last seen 63 degrees 40 minutes. No sound was heard. Color of flame was blinding white. Body of object was cylindrical and gray blue in color. Flame was six to ten times the length of the cylinder. Flame appeared to change in intensity and length. It flared out in manner of jet propelled rocket. Direction of travel was north to south. Sgt Sidig of the 9330 ESU, Security Detachment at Research and Development, Fort Bliss, Texas, also saw this object. Above procedure will be followed with Sidig as soon as possible.

At 21 January 1949, 1330 hours, special agent, Bernard P. Fowle, CIC, Siege Detachment, Biggs Air Force Base, El Paso, Texas, furnished the following information: Staff Sergeant Woodland M. Bacon, AF 16015070, and Pfc Billie D. Ashby, AF 16260313, 1001 and Squadron, Biggs Air Force Base, were observers on duty in the Operations Tower from 1601 to 2400 hours 17 January 1949. At approximately 1615 hours 20 January 1949, while traveling from northwest to southeast at an estimated rate of approximately 15 to 20 degrees and at an elevation of plus three degrees above the horizon. The object was seen for five seconds traveling on a slight decline. It then changed to a level course, flared out and disappeared. The time of sighting of the object is considered accurate as the tower operators are required to report all aircraft at the field with respect to time of occurrence. The exact location of the Operations Tower at Biggs Air Force Base is 31° degrees 23 minutes West and 31 degrees 50 minutes North. The following individuals on duty in the Operations Tower, Municipal Airport, El Paso, Texas, observed the green ball of fire object at approximately 1620 hours on 20 January 1949, and substantiated the information given by Staff Sergeant Bacon and Pfc Ashby: Mr. John M. Dupre, 7120 Wyoming Street, El Paso, Texas; Mr. Albert Nicol, 2615 Jerome Drive, El Paso, Texas; Mr. Harold A. Farr, 3001 Idaho Avenue, El Paso, Texas. All concur as to.

[redacted]

HEADQUARTERS FOURTH ARMY
FORT SAM HOUSTON, TEXAS

352.1-MIDD

2 February 1949

SUBJECT: Transmittal of Summary of Information

UNCLASSIFIED

TO: Commanding General
Air Material Command
Wright-Patterson Air Force Base
Dayton, Ohio
ATTN: A.C.I.

1. Reference is made to letter Intelligence Division, GS, USA, 352.1, 25 March 1948, subject: "Unconventional Aircraft," and to Control No. A-1917.

2. The inclosed Summary of Information, this office, dated 2 February 1949, subject: "Unconventional Aircraft," is forwarded for your information and any action deemed necessary. A copy has been furnished the Director of Intelligence.

FOR THE COMMANDING GENERAL:

Eustis L. Roland

EUSTIS L. ROLAND
Colonel, GSC
AC of S, G-2

1 Incl
As stated

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[redacted]

SECRET

SUMMARY OF INFORMATION

DATE: 2 February 1949

REPORTING OFFICE: Office of the AC of S, G-2, Headquarters Fourth Army, Fort Sam Houston, Texas

SUBJECT: UNCONVENTIONAL AIRCRAFT

CODE FOR USE IN INDIVIDUAL PARAGRAPH EVALUATION

OF SOURCE:		OF INFORMATION:	
COMPLETELY RELIABLE	A	CONFIRMED BY OTHER SOURCES	1
USUALLY RELIABLE	B	PROBABLY TRUE	2
FAIRLY RELIABLE	C	POSSIBLY TRUE	3
NOT USUALLY RELIABLE	D	DOUBTFULLY TRUE	4
UNRELIABLE	E	IMPROBABLE	5
RELIABILITY UNKNOWN	F	TRUTH CANNOT BE JUDGED	6

SUMMARY OF INFORMATION

The following information has been received from the Fourth Army Intelligence Liaison Officer, Sandia Base, Albuquerque, New Mexico, dated 31 January 1949:

"1. Another unidentified lighted flying object was observed over New Mexico on 30 January 1949 at about 1755 hours.

"2. This object approached over the eastern horizon to approximately 6 degrees. The direction was North to South. Speed has not yet been estimated. No noise was heard except that one observer near Roswell reports a whistling sound. Color descriptions vary from red changing to blue green or totally blue green. Some observers stated the size as being one fourth to one half the size of the moon as ordinarily observed in the sky.

"3. At least one hundred reports of observation have been received. These reports are from Los Alamos in the north to Biggs Field, El Paso in the south. The newspapers and radio have featured the observation as a news item.

"4. Dr. Lincoln LaPaz of the University of New Mexico is interviewing as many of the observers as possible. He has interviewed 15 enlisted men at Sandia Base today. He is also taking transit readings for direction and sky azimuth.

"5. Further report will be submitted as more information is received at this office."

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[redacted] UNCLASSIFIED

HEADQUARTERS UNITED STATES AIR FORCE
THE INSPECTOR GENERAL
OFFICE OF SPECIAL INVESTIGATIONS

REPORT OF INVESTIGATION

FILE NO.	DATE
24-8	11 February 1949

REPORT MADE BY: PAUL L. RYAN

REPORT MADE AT: DO #17, Kirtland AFB

PERIOD: 31 Jan, 1-5 Feb 1949

OFFICE OF ORIGIN: DO #17, Kirtland AFB

STATUS: RUC

TITLE: Aerial Phenomena

CHARACTER: Special Inquiry

REFERENCE: Telephone call from Hq 17th Dist OSI, Kirtland AFB, on 31 Jan 49

SYNOPSIS

Acting on telephonic instructions received from DO #17, Kirtland AFB, Kirtland Field, New Mexico, on 31 January 1949, in which Mr. [redacted], Administrative Supervisor, advised that a peculiar light or aerial phenomena had been observed at 1755 hours, 30 January 1949, in the vicinity of Walker AFB, Roswell, New Mexico, and that Sgt [redacted] a tower control operator of Walker AFB, be contacted for information. The following action was taker: A check with Police Department, Sheriff's Office, Municipal Airport, the Continental, Pioneer, and Charter Service Air Lines in Roswell, New Mexico, was made to determine if any of these agencies had received any reports pertaining to this phenomena. Results negative. Eight persons who had witnessed this aerial phenomena were interviewed at Walker AFB, and grid coordinates with an engineer's transit reading of azimuths and elevations was taken at points of observation on Walker AFB. An almost house-to-house search was conducted East of Roswell by OSI and Dr. LINCOLN LA PAZ of the University of New Mexico for all possible witnesses. This search extended throughout southeast New Mexico and West Texas. The search for additional information extended North of Roswell to Clovis, New Mexico, and South of Roswell to a point about fifteen miles South of Artesia, New Mexico. In Artesia, this questioning elicited the information that about the approximate date of the appearance of this meteor (interviewees could not recall the exact date), a noise resembling somewhat the sound made by the robot bombs utili,ed by Germany against England

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File 2

ACTION COPY FORWARDED TO: CO, DO #17, Kirtland AFB

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DOYLE REES
Lt. Colonel, USAF
DISTRICT COMMANDER

FILE STAMP

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KAFB 3653

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[redacted]

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in 1944 was heard by two men. An aerial and ground search conducted in the vicinity of Lamesa, Texas, for physical evidence was negative. A report from a ten year old boy in Amherst, Texas, reporting a sound accompanient with the aerial phenomena, was obtained.

DETAILS:

1. A telephone call from Mr. C[redacted], Administrative Supervisor, DO #17, Kirtland AFB, Kirtland Field, New Mexico, on the morning of 31 January 1949, instructed this office to ascertain the azimuth, elevation, and direction of a peculiar light observed near Walker AFB at 1755 hours, 30 January 1949, by [redacted]

2. This is a joint report of Special Agents JACK B. WILLIAMS, LEWIS S. RICKETT, and the writer.

AT ROSWELL, NEW MEXICO

3. The Municipal Airport, Sheriff's Office, and Police Department of Roswell, New Mexico, were contacted on 31 January 1949 and advised that no report had been received in their agencies of an aerial phenomena the preceding day. The Continental, Pioneer, and Charter Service Air Lines stated on this date that no flares had been utilized by any of their personnel in or near Roswell.

AT WALKER AFB, ROSWELL, NEW MEXICO

4. Sg[redacted]
Agent of Office of Special Investigations, Walker AFB, Roswell, New Mexico, were interviewed on 31 January 1949 and the following facts obtained: On 30 January 1949 at 1755 hours, a blue-green light resembling a flare was observed travelling on a horizontal line. This light came out of the North headed South at an estimated altitude of 2,000 feet, moving slowly, and disappeared in the vicinity of SE Walker Air Force Base. To some observers, this phenomena disappeared in its entirety while other statements mentioned a disappearance as a disintegration into a shower of smaller lighted fragments such as a shower of sparks. The only sound accompanying this object was heard by Sgt McCRARY, who described it as a high pitched whining noise similar to that of a blowtorch. All of these observers sighted this light from a position West of it while facing East.

5. Obtaining the services of an engineer's transit, the following information was secured by making a reading from points of observation:

First observed at 52° magnetic.
Last observed at 87½° magnetic.
Elevation of 22°.

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[redacted]

[redacted]

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The following grid coordinates were secured:

a. Center of Walker AFB: 104° 31½' W
33°00'18' N

b. Control Tower (reading from center of WAFB: 75' N
5470' W

c. Tennis Courts: 1125' N
5630' W

d. Base Theater: 1925' N
5060' W

6. An interview with Cpl JOHN [redacted] (OS 778), 1900-4 AACS Detachment, Walker AFB, Roswell, New Mexico, on 1 February 1949, elicited information identical with the other observers.

7. On 2 February 1949, an attempt was made to contact any person who might have observed this phenomena from the East or facing West. This questioning continued for about forty (40) miles East of Roswell with negative results.

8. Special Agent RICKETT continued this search throughout Southeast New Mexico and West Texas from 1400 hours, 2 February 1949, to 2400 hours, 5 February 1949, in the company of Dr. LINCOLN LA PAZ of the University of New Mexico. All information obtained during this part of the investigation was retained by Dr. LA PAZ and will be incorporated into his report to OSI.

AT CLOVIS, NEW MEXICO

9. Acting on information relayed to the OSI from a Major GODSOE of Sandia Base stating the Sheriff at Clovis, New Mexico, had information pertaining to a meteor landing on a farm in the vicinity of Clovis, an attempt on 2 and 3 February 1949 to locate this farm in Clovis met with negative results. Questioning of persons and law enforcement agencies enroute to and in Clovis did not produce any information of a pertinent nature. The Sheriff at Clovis stated that he knew nothing of the meteor.

AT ROSWELL AND ARTESIA, NEW MEXICO

10. On 4 February 1949, a search was conducted South of Roswell to a distance of approximately fifteen (15) miles South of Artesia, New Mexico, to determine if possible the extent of observation of this aerial phenomena. Mrs. [redacted] Artesia, New Mexico, was questioned as to a light observed by her, and it was ascertained that she had witnessed this phenomena. A noise resembling a racing motorcycle was heard in the vicinity of Artesia on or about 30 January 1949 about 0530 hours. The people hearing this noise stated its duration was about three (3) minutes. [redacted] Allen Oil Company, East Main Street, Artesia, New Mexico, stated they had been separated by a distance of about three (3) miles at this time and both heard the noise. No directions, altitude, or speed was obtained because of the difficulties of locating a sound in the air. Both observers stated

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[redacted]

[redacted]

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positively that the sound was not emanating from an aircraft. When questioned as to the sound, [redacted] revealed the fact that as a soldier in the European Theater of Operations during the war, he had observed and heard many robot bombs (buzz bombs). According to McAFEE, the sound he heard was somewhat like the noise produced by these bombs.

AT AMHERST, TEXAS

11. In accordance with instructions from Dr. LA PAZ on 5 February 1949, in Lamesa, Texas, a trip was made to Amherst, Texas, for the purpose of interviewing Master [redacted], the ten (10) year old son of [redacted], President of the First National Bank, Amherst, Texas. An interview with this family confirmed the fact that young [redacted] had witnessed the aerial phenomena, with the added information that he had heard a rumbling noise emanating from it. The best description offered by this ten year old boy was its similarity to a short roll of thunder. No other member of this family had seen or heard anything out of the ordinary; this is explained by the fact that the boy was playing outdoors with his dog. No mention was made by [redacted] to any peculiar actions on the part of this dog during the observation. [redacted] position when he observed this light was facing South. A highway running North and South is located about a mile and a half to the West of his home. No railroad was observed South of his home. Approximately thirty (30) other persons questioned in this small town had not seen or heard anything with the exception of [redacted] Clark, First National Bank, Amherst, Texas. [redacted] stated that she was in a car heading South about twenty (20) miles North of Amherst on Highway 51 when she observed this red and blue light. Its direction at this time was South of her. An interrogation of [redacted] elicited information identical to the description of the phenomena. Mr. and Mrs. HAROLD CLEMENT (parents of [redacted]re in the car and also witnessed the light. No sound was heard by these persons.

- RUC -

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[redacted]

Basis: Ltr fr 17th Dist OSI, KAFB, to CO, KAFB, dtd 9 Mar 49, Subj: "Unknown (Aerial Phenomena)"

AG 1st Ind OMN:jb
HEADQUARTERS, Kirtland AF Base, Kirtland Field, New Mexico, 10 Mar 49

TO : Commanding General, AMC, Wright-Patterson AF Base, Dayton, Ohio.

Forwarded for your information in connection with the report of investigation forwarded from this Headquarters on 14 December 1948 by 1st Ind to letter same subject as above.

FOR THE COMMANDING OFFICER:

OLIVER M. NOLAND
Captain, USAF
Adjutant

1 Incl: n/c (1 cy w/d)

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[redacted]

KAFB 3688

DEPARTMENT OF THE AIR FORCE
HEADQUARTERS UNITED STATES AIR FORCE
WASHINGTON

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THE INSPECTOR GENERAL USAF
17th DISTRICT OFFICE OF SPECIAL INVESTIGATIONS
KIRTLAND AFB, KIRTLAND FIELD, NEW MEXICO

ACM/MEN/web

File No: 24-8

9 March 1949

SUBJECT: UNKNOWN (Aerial Phenomena)

TO: Commanding Officer
Kirtland Air Force Base
Kirtland Field, New Mexico
ATTN: Inspector General

1. Reference is made to Reports of Investigation, this district, dated 9 February and 11 February 1949, file number and subject as above, copies of which have been forwarded your headquarters.

2. Attached for your information are four copies of Report of Investigation, this district, dated 9 March 1949, file number and subject as above.

3. It is requested that two copies of the attached Report of Investigation be forwarded to Headquarters Air Material Command, which has been designated as the headquarters responsible for the coordination of this investigation.

4. This is a supplemental report. Investigation is continuing and subsequent reports will be submitted to your headquarters for your information and possible guidance.

1 Incl
Rpt of Inv (quad)

A. C. MURRELLE, II
Captain, USAF
Acting District Commander

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HEADQUARTERS UNITED STATES AIR FORCE
THE INSPECTOR GENERAL
OFFICE OF SPECIAL INVESTIGATIONS

REPORT OF INVESTIGATION

FILE NO. 24-8	DATE 9 March 1949
REPORT MADE BY JACK L. BOLING	
REPORT MADE AT DO # 17, Kirtland AFB	
PERIOD 16 - 19, 21 February 1949	
OFFICE OF ORIGIN DO # 17, Kirtland AFB	
STATUS PENDING	

TITLE

UNKNOWN

(Aerial Phenomena)

CHARACTER

SPECIAL INQUIRY

REFERENCE

Report of EDGAR J. BETHART, file 24-8, dated 9 February 1949

SYNOPSIS

Numerous persons were interviewed without result in and between Grants and Gallup, New Mexico, and Canado, Arizona. [redacted] reported the sighting of a "fireball" at a point two miles east of Canado. It was reported that two Indians had also sighted a "fireball". Their location was given as "east of Sheep Springs", the exact location of which is unknown.

Mr [redacted] of Fort Worth, Texas, was interviewed in connection with information he had collected pertaining to the sighting of a fireball on 30 January 1949.

Dr LaPAZ reported his findings relative to the sighting of 30 January 1949.

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Hq, OSI (1 Incl)	2		
File	2		

APPROVED

A. C. HURRELL, II
Captain, USAF
Acting DISTRICT COMMANDER

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23 JULY 48

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8. The writer proceeded to the spot from which Dr [redacted] observation had been made and took observations with a pocket compass. These readings showed that the road headed due southwest, rather than south as SALSBURY thought. The true heading adduced from the observation given by the SALSBURY's was 243°. It is to be noted that this heading does not agree with the readings reported by Dr LaPAZ.

9. The condition of the roads was such that it was impossible for the writer to reach Klagetoh, Arizona, by automobile on 17 February 1949. No personal interview with either LARRY LEE or the Indians was possible therefore.

NOTE: "Sheep Springs" is a very common place name in this area, so that no accurate location is possible without additional information.

AT ALBUQUERQUE, NEW MEXICO

10. A Memorandum Report was received in response to a letter requesting interview of Mr [redacted] Fort Worth, Texas, meteoriticist. This interview was conducted on 18 and 19 February 1949 by Special Agent [redacted] 3rd District OSI. Verbatim report follows:

"1. [redacted], was interviewed at his office at 1621 Main St., Fort Worth, Texas, on 18 and 19 February 1949. Mr. [redacted] had no direct knowledge of the "fireball" which occurred at about 1900 hours, 30 January 1949; however, he is extremely interested in meteorites and this avocation of his is well known, consequently individuals who did see the "fireball" contacted him and he had in his possession a file concerning the observations of these persons. This file was examined and the following pertinent information extracted:

"a. The first telephone call to Mr. [redacted] was from a Mr. [redacted] who telephoned at 1855 plus 20 seconds (time is exact since [redacted]'s watch was checked with WWV shortly before this call) to report that he had seen a green flame trailing sparks going from North to South in the West. This occurrance hadhappened a minute or so prior to his telephone call. The observation had been made from the residence of [redacted] Fort Worth, Texas. The green flame appeared to have a trajectory of approximately 30 degrees downward from the horizontal. Mr. [redacted] reference to this call interviewed a Miss [redacted] on 1 February 1949, who was the first to observe the phenomena in the [redacted] residence and from her indicated positions measured with a hand transit the beginning point as being North 62 degrees West, true, at approximately 6 plus degrees altitude and the end point at being North 86 degrees West altitude 3½ degrees or lower. The exact time of duration by rehearsal was measured to be 1.8 seconds. The approximate size of the "fireball" was considered to be from 1/2 down to 1/3 the size of a full moon.

"b. The second call received on 30 January 1949, was from a [redacted] who resided at 225 Burton Hill Road, Fort Worth, Texas, who reported a real bright green burst seen in the West followed by a lot of little sparks. Mr. MOORE did not contact Mrs. HUMPHRIES per-

[redacted] UNCLASSIFIED

DETAILS:

1. This is a joint investigation by the writer and Special Agent MELVIN E. NEEF.

AT GRANTS, NEW MEXICO

2. On 16 February 1949 the writer interviewed numerous persons in Grants, New Mexico, relative to the "fireball" observation of 14 February 1949. No results were obtained except a report that one C. M. (CY) KOUSE had seen the object. Mr [redacted], a real estate operator, could not be contacted.

ALONG U.S. HIGHWAY 66

3. Between Grants and Gallup, New Mexico, on 16 February 1949, the writer interviewed numerous persons at trading posts, but no one was contacted who had any knowledge of any anomalous celestial phenomena.

AT GALLUP, NEW MEXICO

4. Newspaper personnel, police, traders and other likely sources of information were contacted on 16 February 1949 with negative results. Several had knowledge of the "Four Corners" meteor fall of late 1947, but no more recent observations were obtained.

AT GANADO, ARIZONA

5. Enroute to Ganado, several members of the Franciscan Order were interviewed at St Michael's Mission. No positive results were obtained, but it was arranged that the writer would be notified in the event that any of the brothers heard any reports from the Indians.

6. At Ganado Mission (Presbyterian), Dr [redacted] was interviewed on 16 February 1949 by the writer. [redacted] said that at about 1840 on 14 February 1949, as he and his wife, [redacted] were returning from Gallup, they crossed the long bridge about two miles due east of Ganado. As they came up the hill west of the bridge, where the road heads south, a brilliant white light was observed in the sky directly in front of the car, and somewhat above the horizon. The object appeared to hang stationary, then fell in a slight curve to the west. Mr [redacted] said that the object had a slightly greenish color. Both agreed that the object had an orange tinge as it fell, and that sparks appeared to trail off the object, both while stationary and as it fell. Dr SALSBURY said that his first reaction was that it was an airplane on fire, and that he had so reported to the Arizona State Police.

7. Dr [redacted] informed the writer that one [redacted] Indian trader at Klagetoh, Arizona, had told him that two Indians said that they were east of Sheep Springs when a ball of fire appeared "two tree tops" above them. The object disappeared over a hill, and then they heard a big explosion. These Indians are reported to have come in separately to Klagetoh, to have made separate observations, and to have told identical stories. The time was estimated to be about 1830 hours on 14 February 1949.

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[redacted]

2460 sonally as her information given over the telephone was not considered sufficiently detailed to warrant additional investigation.

2461 "c. The third call received 30 January 1949, was from a Mrs. [redacted] who is employed at a casino at Lake Worth, Fort Worth, Texas. Mrs. [redacted] reported that she had observed a blue streak through a West window of the casino which started high in the sky and proceeded from North to South ending approximately in the West. This blue streak was quite wide appearing wider than a full moon. The streak came to a point at its rear end. The duration was approximated as being approximately 1 to 2 seconds. Mr. [redacted] did not contact Mrs. [redacted].

2464 "d. Mr. [redacted] 135 Blanche Circle, Fort Worth, Texas, reported at a later date, that he was driving with his brother in a car on the highway from Handley to Fort Worth, Texas, at approximately 1900 hours, 30 January 1949, and saw a sulphurous, green ball of fire moving from North to South in the West just prior to its apparent disintegration which occurred slightly North of due West and about 15 degrees North of the moon and 10 degrees lower than the moon. Justprior to disintegration the color changed from green to an orange-yellow and then to a deep red color. According to the observer the disintegration appeared similar to a rocket burst.

2461 "e. Mr. J[redacted] was interviewed early in February by Mr. MONNIG, since he discovered that [redacted] was on duty in the CAA Control Tower at Meacham Field, Fort Worth, Texas, during the time of the occurrance of the phenomena and had observed it. [redacted]'s observations were rehearsed in the control tower and from this it was determined that the indicated beginning point was approximately North 64 degrees West, true, at an altitude of about 13 degrees and that the end point was approximately due West but no altitude was determined due to extraneous lights in the vicinity of the air field. The duration of the observation was considered to be about 2.4 seconds. The color of the "fireball" was compared as similar to the green of the runway lights. [redacted] did not see any terminal flare.

2461 "f. On the night of 30 January 1949, Mr. [redacted] placed a telephone call to Big Springs Municipal Airport, Big Springs, Texas, and spoke to a Mr. [redacted]S who, together with two others, was in the control tower at the air field and observed the phenomena. His observations placed the beginning point at about 5 degrees West of North and the end point slightly north of West of Northwest. The exact duration was between 5 and 7 seconds. The altitude was considered to be about 20 degrees above the horizon. The course was from North to South.

"2. Mr. [redacted] an attempt to determine the end point of the "fireball" wrote to various individuals in the neighborhood of Paducah, Texas, for reports of the observation of the phenomena, since according to his calculations the end point should have been observed from

that vicinity as being "in the moon". Reports received from that area from individuals who had observed the phenomena gave the end point as a little to the right and below the moon.

"3. From this information and from other information furnished by a Mr. [redacted] of Radio Station KPLT, Lamesa, Texas, Mr. MONNIG has plotted the ground tract as being from approximately Tulia, Texas to Tokio, Texas.

"4. From correspondence in Mr. [redacted] file it appears evident that Mr. [redacted] has been contacted by Army or Air Force Intelligence Agents.

"5. Mr. [redacted] has actively engaged in his avocation of the study of meteorites for the past 13 years; consequently his interviews and determinations are considered to be the best available source in this area. Mr. [redacted] has indicated his complete willingness to assist in reporting on any further occurrance or to furnish information on any past occurrances which he may have in his files."

11. A report was received from Dr LINCOLN LaPAZ containing his findings relative to the observation of 30 January 1949. In this report the descriptions of the object agree with those given for previous sightings, except that as the ground track of the object is approached, the color shifts from green to red or orange. The ground track extends from near Amarillo, Texas, to Loop, Texas, a distance of some 143 miles. The course is slightly west of due South. Well over a hundred interviews were considered in the development of data for the LaPAZ report, which is attached to and made a part of this report.

NOTE: The sub-final points given by both [redacted] LaPAZ agree to about ten miles. LaPAZ evaluates the reports by laymen on the basis of the person's experience and probable ability to furnish accurate information as to azimuth and elevation. It is possible that MONNIG's data is not so weighted, inasmuch as many of the readings were obtained from Mr. [redacted] who gives equal value to all readings, and then takes an average.

- PENDING -

Inclosures:

FOR COMMANDING OFFICER, KIRTLAND AFB

Report of Dr LINCOLN LaPAZ, University of New Mexico, dated 21 February 1949

FOR HEADQUARTERS OSI

Report of Dr LINCOLN LaPAZ, University of New Mexico, dated 21 February 1949

[redacted]

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UNDEVELOPED LEADS

DISTRICT OFFICE NO. 17, KIRTLAND AFB

Will report any further observations of aerial phenomena of this nature.

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[redacted]

[redacted]

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On February 4th, the four persons just named flew a low-level air reconnaissance mission in a T-11 aircraft over the area surrounding the earth-point of the fireball of January 30th. At the same time a second ground survey party under Lt Paul Ryan made a careful field search along a route extending from Lamesa through Amherst, Texas, to Clovis, New Mexico.

3. As a result of the ground and air searches referred to above, and of an analysis of the very large amount of information obtained from eyewitnesses by personal interviews, by telephone conversations and by letter, it has now (three weeks after the fall) become clear that several thousand persons in New Mexico and Texas saw this great fireball leisurely traverse the sky. It has been possible to determine that the January 30th fireball became visible at an altitude of approximately twelve miles over a point at latitude 34° 50', longitude 102° 5', and disappeared at an altitude of approximately eight miles over a point at latitude 32° 48', longitude 102° 22', after traversing a nearly horizontal path approximately 143 miles long at a velocity of from seven to fourteen miles per second. Although the January 30th fireball must be ranked among the brightest observed in the last quarter-century, and in spite of the fact that its real path lay closer to the earth throughout its entire extent than any other meteorite path of which the writer has knowledge (excepting only the anomalous green fireballs of December 12th and 20th, 1948), the meteoritic detonations and long continued rumblings which without exception accompany large meteorite falls were not observed on January 30th by anyone in the very large region covered by the various ground surveys. However, what may have been Udden noises (anomalous whizzing and hissing sounds frequently reported by very distant observers as having been heard at the same time that a meteoritic fireball was seen) were heard at Roswell, New Mexico, and near Muleshoe, Texas.

4. In addition to the absence of noise anomaly referred to in the last paragraph, the fireball of January 30th, 1949, shows several other features (e.g. nearly horizontal path, absence of long enduring luminous train or dust clouds, North to South direction, etc) characteristic of the green fireballs earlier described in this series of reports. However, the January 30th fireball was much brighter than any of those earlier reported and differed from the other green fireballs in that many of the Texas observers who were situated nearest its path reported its color as blue, orange, red and even purple instead of green.

5. Up to the present time (February 21st), no evidence whatever supporting the belief that solid fragments fell to earth from the January 30th fireball has been discovered. However, as promptly as possible, a much more thorough ground search should be made in the probable area of fall as outlined by the earlier surveys, for, in my opinion, the fireball of January 30th is the only one of the anomalous luminous objects under investigation which gives any indication of having been a meteorite fall.

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[redacted]

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6. With the present report, the writer's participation in the OSI's investigation of the puzzling fireball question must, to his regret, terminate. During the time I was on leave of absence from the University of New Mexico, I was glad to donate my time and services to this investigation. Now that I am again serving as Head of the Department of Mathmetics with a full time teaching load, it is impossible for me to continue cooperating with the OSI.

LINCOLN LaPAZ
Head of Dept of Mathmetics

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[redacted]

[redacted]

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THE UNIVERSITY OF NEW MEXICO
ALBUQUERQUE

Institute of Meteoritics

February 21, 1949

To: Lt Colonel Doyle Rees, Commanding Officer
District No. 17
Office of Special Investigations

From: Lincoln LaPaz, Director
Institute of Meteoritics

Subject: Anomalous luminous phenomena (4th report)

1. Several additional sightings of unexplained aerial light phenomena have occurred since the third report in this series was prepared. Outstanding among the as yet undescribed incidents was the green fireball of Sunday evening, January 30, 1949, 5:54 p.m. MST. Within less than one minute after the appearance of the fireball, an eyewitness (Mr Nesbett) called to report the impression of a group of persons who saw the fireball through an east window while seated about the dinner table in a brightly lighted room. Within twelve hours after the fireball appeared, more than 100 eyewitness accounts had been phoned or written in to the Institute of Meteoritics, or had been obtained by its director through personal interviews. An unusually high percentage of the reports came from military personnel (waiting out under the sky for Post Theaters to open), from guards and other special agents already alerted to watch for anomalous luminous phenomena and from airplane pilots, control tower men and oilwell workers working on the late afternoon to midnight shift.

2. On February 1st, a staff car was placed at the writer's disposal by Major William Godsoe of the Fourth Army and a field survey was begun of the region in New Mexico and Texas in which the majority of the observers reporting the fall lived. This survey, carried out under unusually severe weather conditions, included visits to the following localities: Moriarty, Estancia, Vaughn, Ramon, Mesa, Roswell, Caprock, Tatum/and other towns in New Mexico; and Lamesa, Brownfield, Plains, Lubbock, Muleshoe and other towns in Texas. (Several of these towns were visited two or more times.) At Roswell, where very effective cooperation was provided by the OSI group at Walker Air Base under Lt Paul Ryan, and the local CAP unit under Lt H. K. Cobean, Special Agent Bill Ricket was added to the survey party and gave much aid in later work. At Lamesa, Texas, the ground survey party was joined by an air search party consisting of Major Charles Phillips, USAF, Captain Melvin E. Neef and Special Agent Jack L. Boling, from the 17th District OSI Office at Kirtland Field, and Corporal Cochran.

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HEADQUARTERS UNITED STATES AIR FORCE
THE INSPECTOR GENERAL
OFFICE OF SPECIAL INVESTIGATIONS

REPORT OF INVESTIGATION

FILE NO.	DATE
24-8	9 February 1949

REPORT MADE BY: EDGAR J. BETHART

REPORT MADE AT: DO #17, Kirtland AFB

PERIOD: 31 January; 1, 2, 3, 4, 8 February 1949

OFFICE OF ORIGIN: DO #17, Kirtland AFB

STATUS: REFERRED UPON COMPLETION

TITLE

SPECIAL INQUIRY
(Aerial Phenomena)
30 January 1949

CHARACTER

SPECIAL INQUIRY

REFERENCE

Telephonic request from Captain MELVIN NEFF, on 31 January 1949.

SYNOPSIS

This investigation was requested by Captain MELVIN E. NEFF, 17th District OSI (IG) USAF. Seven (7) people were interviewed and six (6) readings were taken with a transit in an effort to locate the azimuth of the aerial phenomena.

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OSI, Headquarters	2
File	2

ACTION COPY FORWARDED TO: DO #17, Kirtland AFB

APPROVED

A. C. MURRELLE, II
Captain, USAF
Acting DISTRICT COMMANDER

FILE STAMP

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AFCSI FORM 23 JULY 48 4

16—56438-1 U. S. GOVERNMENT PRINTING OFFICE

KAFB 3653

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DETAILS:

1. This investigation is predicated upon a telephonic request by Captain MELVIN E. NEFF, 17th District OSI (IC) USAF on 31 January 1949 to obtain all pertinent data in connection with an aerial phenomena seen in the vicinity of Alamogordo, New Mexico on 30 January 1949, at approximately 1800 hours.

2. On 1 February Major JAMES C. PETERSEN, AO-561833, Adjutant, Holloman AFB, Alamogordo, New Mexico advised that on 30 January 1949 at approximately 1800 hours, he sighted a single bright green object in an Easterly direction. [redacted] hesitated to estimate the altitude or distance of the object. [redacted] described the object as a bright green ball of flame traveling in a Southerly direction, without evidence of smoke or a trail of any kind. [redacted] advised that there were no clouds and that the object did not make any noise to his knowledge. [redacted] advised that the object seemed "to fizzle out" in the air.

3. On 2 February 1949, the writer set up a transit at the approximate location where [redacted] sighted the object and obtained the following readings:

Location: 33° 56' North and 106° 05½' West (Holloman AFB)

Object First Sighted: 55° Magnetic North and 3° elevation.

Object Last Sighted: 63° Magnetic North and 3½° elevation.

4. On 3 February 1949, at the Office of Special Investigations, Holloman AFB, the writer interviewed Mr. [redacted], electronics technician with Boeing Aircraft Company, Holloman AFB, who advised that on 30 January 1949 at approximately 1800 hours, while in the vicinity of Tularosa, New Mexico, and in the company of Sgt. [redacted] AF-20923264, Holloman AFB, he saw a single, bright green ball of fire to the East. The ball of fire seemed to be traveling in a southerly direction. [redacted] believed the object to be at an elevation of about 15° but declined to make an estimate of his distance from the object. [redacted] advised that the ball was visible for approximately 10 seconds. [redacted] stated that there was no apparent exhaust to the object, nor were there any clouds in the sky. MARTIN stated that the object seemed to die out of its own accord and did not explode.

5. On 4 February 1949, [redacted] Weather Detachment, Holloman AFB, Alamogordo, New Mexico advised that he had seen a green ball of flame with a trail of some kind in an Easterly direction. [redacted] described the object as traveling in a Southerly direction and added that the object was visible to him for approximately 6 seconds. VAIL described the object as being bright green and disappeared without an explosion but by merely seeming to burn out. [redacted] advised that there were no clouds and no apparent wind, and that the object was soundless.

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The writer set up a transit at the exact location from where Pfc [redacted] sighted the object and obtained the following readings:

Location: 33° 56' North and 106° 05½' West (Holloman AFB)

Object First Sighted: 38° Magnetic North 11° elevation.

Object Last Sighted: 75° Magnetic North and 3° elevation.

6. Mr. [redacted], Alamogordo, New Mexico was interviewed on 8 February 1949. Mr. [redacted] advised that his position at the time of the sighting was approximately 3 miles South of Three Rivers, New Mexico, but that he was not positive inasmuch as a Mr. [redacted]S, [redacted]et, Alamogordo, New Mexico, was in the car with him and [redacted] believed that they were not at Three Rivers when the object was sighted. The description of the object by [redacted] was that it was a longish object, green with a white flame in front. [redacted] added that he saw the object for about 15 seconds. An attempt was not made to take transit readings with Mr [redacted] because of his indeterminate position at the time of his sightings. Other than the difference of the shape of the object, the description given by [redacted] concurred with the other description noted herein.

AT TULAROSA, NEW MEXICO

7. [redacted] Holloman AFB, Alamogordo, New Mexico was interviewed on 1 February 1949 and made the following statement;

"On the 30th of January 1949 at approximately 1800 hours, while in the company of Mr. [redacted] of Boeing Aircraft, I observed an object that appeared to be traveling diagonally across in front of me, at an angle of 35 to 40 degrees above my line of sight. Its distance seemed very close and appeared to be traveling very slowly. The object was in my sight for approximately three or four seconds. The actions of said object during this time were as follows:

> Gentle downward glide; bright burning (Green and yellowish light) a fizzling out and then a bright burning, and then appeared to die out. (This could have been the effects of its passing beyond my view).

My direction of travel was nearly due East, thus the object's direction was East-Southeast or Southeast. The weather at that time was clear and cold, no ground wind and no indications of upper winds. My location was West of Tularosa, New Mexico, beyond the railyards of the Southern Pacific Railroad."

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8. On 1 February 1949, the writer set up a transit at the approximate location where Sgt. ANTHON sighted the object and obtained the following readings:

Location: 33° 04' North and 106° 02' West

Object First Sighted: 47° Magnetic North and 26½° elevation.

Object Last Sighted: 65° Magnetic North and 26° elevation.

AT WHITE SANDS NATIONAL MONUMENT, NEW MEXICO

246-1

9. On 3 February 1949, the writer, accompanied by [redacted] Street, Alamogordo, New Mexico and Mrs. [redacted], [redacted] Avenue, Alamogordo, New Mexico, attempted to locate in the White Sands National Monument the spot from which the object had been sighted on 30 January 1949, at approximately 1755 hours. Because of the may devious turns of the road, only an approximate location could be established. Through the use of a transit the following readings were obtained: Location 33 49' North and 106 13' West.

a. Mr. [redacted]

First sighted object: 55° Magnetic North and 12° elevation.

Last sighted object: 60° Magnetic North and 10° elevation.

b. Mrs [redacted]

First sighted object: 68° Magnetic North and 20° elevation.

Last sighted object: 80° Magnetic North and 19° elevation.

c. Mrs [redacted]

First sighted object: 65° Magnetic North and 11° elevation.

Last sighted object: 72° Magnetic North and 8° elevation.

All of the above concurred in the description of the object as being a single, bright burning green object, which was in view approximately 3 seconds. Body had a gentle downward glide and seemed to fizzle out with the light becoming less intense and finally disappearing altogether. Angle of elevation was estimated above with transit and none would venture a guess as to the distance of the object. Original statements were to the effect that object appeared to be between the Base and the White Sands, located to the West of the Base.

- REFERRED UPON COMPLETION TO THE OFFICE OF ORIGIN -

[redacted]

S-177
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HEADQUARTERS FOURTH ARMY
FORT SAM HOUSTON, TEXAS

UNCLASSIFIED

452.4 AMADB 2 February 1949

SUBJECT: Unconventional Aircraft

TO: Commanding General
Air Materiel Command
Wright-Patterson Air Force Base
Dayton, Ohio
ATTENTION: M.C.I.

The inclosed Summary of Information includes the latest reports on the appearance of "fire balls" in this area, and it is submitted for your information and action deemed necessary.

FOR THE COMMANDING GENERAL:

Eustis L Poland

EUSTIS L. POLAND
Colonel, GSC
AC of S, G-2

1 Incl
S/I dtd 2 Feb 49

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[redacted]

246

~~CONFIDENTIAL~~ UNCLASSIFIED 267

SUMMARY OF INFORMATION

DATE: 2 February 1949

PREPARING OFFICE: Office of the AC of S, G-2, Headquarters Fourth Army, Fort Sam Houston, Texas

SUBJECT: Unconventional Aircraft

CODE FOR USE IN INDIVIDUAL PARAGRAPH EVALUATION

OF SOURCE:		OF INFORMATION:	
COMPLETELY RELIABLE	A	CONFIRMED BY OTHER SOURCES	1
USUALLY RELIABLE	B	PROBABLY TRUE	2
FAIRLY RELIABLE	C	POSSIBLY TRUE	3
NOT USUALLY RELIABLE	D	DOUBTFULLY TRUE	4
UNRELIABLE	E	IMPROBABLE	5
RELIABILITY UNKNOWN	F	TRUTH CANNOT BE JUDGED	6

SUMMARY OF INFORMATION

The following teletype messages were received:

From Branch Intelligence Office, El Paso, Texas, 31 January 1949:

"Lt Sartin, G-2, Ft Bliss, Texas, telephoned the following information to Branch Intelligence Office, El Paso at 1130 hours, 31 January 1949: John D. Umphress and a Leo B. Carter, both living in Alamogordo, New Mexico, were driving south on highway 54 from Carrizozo, New Mexico, near a town named Three Rivers, New Mexico, at approximately 1730 hours, 30 January 1949. Looking east towards Sierra Blanca Peak, slightly south of this peak and about two inches above the horizon, they sighted a flame. The flame was moving south slightly downward from Old Baldy, which is another name for the Sierra Blanca Peak. It was oblong in shape, the front of the flame was a light blue, almost white, and the rear was a whitish blue. It was about one and one quarter inches long. The flame was visible only for an instant and after traveling three or four inches across the horizon, suddenly went out. It did not explode. There was no noise. It was impossible to get a transit sight at that time. Will continue investigation. The two individuals are working for the General Electric Corporation at White Sands Proving Grounds. [redacted] Bliss, Texas, telephoned the following information to Branch Intelligence Office at El Paso at 1430 hours, 31 January 1949: M/Sgt [redacted] uided Missile Regiment, Fort Bliss, Texas, saw, between the hours of 1720 to 1750, 30 January 1949, the following: An object, approximately over the Municipal Airport, El Paso, Texas (could have been nearer or farther), which looked like a solid fuel rocket about four feet in length, traveling at a slight downward angle about three thousand feet high. A stream of fire about fifteen or twenty feet long was shooting out the back. Fire died out when object appeared to be over the Administration Building of the airport. This was seen from the corner of Saint Vrain and Montana Street, El Paso. This statement later corrected dash seen from in front of Post Theatre, Ft Bliss. The flame appeared to be definitely that of a powder rocket rather than a liquid fuel rocket. Transit readings are being taken. Investigation continuing."

From Branch Intelligence Office, El Paso, Texas, 1 February 1949:

M/Sgt [redacted] was taken to the intersection of Carter Road and Pershing Drive, Fort Bliss, Texas, where he had sighted object in the sky on 30 January 1949. Time of sighting was 1755. Transit readings were made from this point which is 106 degrees twenty six minutes 00 seconds West and 31 degrees 48 minutes 00 seconds North. Readings were as follows: Angle of elevation when first sighted plus eleven degrees 50 minutes azimuth when first seen was 42 degrees 30 minutes

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Director of Intelligence; Air Material Command, Dayton, Ohio; and 4th Army File

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[redacted]

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SUBJECT: Unconventional Aircraft 2 February 1949

angle of elevation when last sighted plus six degrees zero minutes. Azimuth when last seen 83 degrees 40 minutes. No sound was heard. Color of flame was bluish white. Body of object was cylinderical and gray blue in color. Flame was six to ten times the length of the cylinder. Flame appeared to change in intensity and length. It flared out in manner of powder rocket. Direction of travel was north to south. [redacted] of the 9930 TSU, Security Detachment at Research and Development, Fort Bliss, Texas, also saw this object. Above procedure will be followed with Sitig as soon as possible. On 31 January 1949, 1530 hours, special agent, Bernard H. Fowls, OSI, Biggs Detachment, Biggs Air Force Base, El Paso, Texas, furnished the following information: Staff Sergeant [redacted] and [redacted] Squadron Biggs Air Force Base, tower operators on duty in the Operations Tower from 1600 to 2400 hours, 30 January 1949, reported seeing a green ball of fire at 1754 hours, 30 January 1949 traveling from northwest to southeast at an azimuth of approximately 55 to 60 degrees and at an elevation of plus three degrees to five degrees above the horizon. The object was seen for five seconds traveling on a slight decline. It then changed to a level course, flared out and disappeared. The time of sighting of the object is considered accurate as the tower operators are required to report all movements at the field with respect to time of occurrence. The exact location of the Operations Tower at Biggs Air Force Base is 106 degrees 23 minutes West and 31 degrees 50 minutes North. The following individuals on duty in the Operations Tower, Municipal Airport, El Paso, Texas, observed the green ball of fire object at approximately 1800 hours on 30 January 1949, and substantiated the information given by Staff Sergeant [redacted] and [redacted]: Mr. [redacted] El Paso, Texas; Mr. [redacted]

[redacted]

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A-176
261

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HEADQUARTERS FOURTH ARMY
FORT SAM HOUSTON, TEXAS

452.1-AKADB

2 February 1949

SUBJECT: Transmittal of Summary of Information

TO: Commanding General
Air Materiel Command
Wright-Patterson Air Force Base
Dayton, Ohio
ATTN: M.C.I.

1. Reference is made to letter Intelligence Division, GS, USA, CSGID 452.1, 25 March 1948, subject: "Unconventional Aircraft," and to Control No. A-1917.

2. The inclosed Summary of Information, this office, dated 2 February 1949, subject: "Unconventional Aircraft," is forwarded for your information and any action deemed necessary. A copy has been furnished the Director of Intelligence.

FOR THE COMMANDING GENERAL:

Eustis L Poland

EUSTIS L. POLAND
Colonel, GSC
AC of S, G-2

1 Incl
As stated

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[redacted] UNCLASSIFIED 261

SUMMARY OF INFORMATION

DATE: 2 February 1949

PREPARING OFFICE: Office of the AC of S, G-2, Headquarters Fourth Army, Fort Sam Houston, Texas

SUBJECT: UNCONVENTIONAL AIRCRAFT

CODE FOR USE IN INDIVIDUAL PARAGRAPH EVALUATION

OF SOURCE:		OF INFORMATION:	
COMPLETELY RELIABLE	A	CONFIRMED BY OTHER SOURCES	1
USUALLY RELIABLE	B	PROBABLY TRUE	2
FAIRLY RELIABLE	C	POSSIBLY TRUE	3
NOT USUALLY RELIABLE	D	DOUBTFULLY TRUE	4
UNRELIABLE	E	IMPROBABLE	5
RELIABILITY UNKNOWN	F	TRUTH CANNOT BE JUDGED	6

SUMMARY OF INFORMATION

The following information has been received from the Fourth Army Intelligence Liaison Officer, Sandia Base, Albuquerque, New Mexico, dated 31 January 1949:

"1. Another unidentified lighted flying object was observed over New Mexico on 30 January 1949 at about 1755 hours.

"2. This object approached over the eastern horizon at approximately 6 degrees. The direction was North to South. Speed has not yet been estimated. No noise was heard except that one observer near Roswell reports a whistling sound. Color descriptions vary from red changing to blue green or totally blue green. Some observers stated the size as being one fourth to one half the size of the moon as ordinarily observed in the sky.

"3. At least one hundred reports of observation have been received. These reports are from Los Alamos in the north to Biggs Field, El Paso in the south. The newspapers and radio have featured the observation as a news item.

"4. Dr. Lincoln LaPaz of the University of New Mexico is interviewing as many of the observers as possible. He has interviewed 13 enlisted men at Sandia Base today. He is also taking transit readings for direction and sky azimuth.

"5. Further report will be submitted as more information is received at this office."

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[redacted]

HEADQUARTERS UNITED STATES AIR FORCE
THE INSPECTOR GENERAL
OFFICE OF SPECIAL INVESTIGATIONS

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REPORT OF INVESTIGATION

FILE NO.	DATE
24-8	1 February 1949

REPORT MADE BY
Bernard H. Fowls

REPORT MADE AT
DO #17, Kirtland AFB

PERIOD
31 January 1949

OFFICE OF ORIGIN
DO #17, Kirtland AFB

STATUS
PENDING

TITLE
"GREEN FIREBALL"

CHARACTER

REFERENCE
Telephonic instructions from District Office 17, OSI Kirtland AFB 31 January 1949

SYNOPSIS

Investigation requested by the District Commander, 17th District OSI (IG), Kirtland AFB, Kirtland Field, New Mexico. At approximately 1754 hours, 30 January 1949, a Green Fireball was sighted by the Control Tower operators at Biggs AFB and the Municipal Airport, El Paso, Texas on a true bearing of approximately 50 degrees from the towers. The fireball was travelling approximately 4 degrees above the horizon in a northwest to southeasterly direction. After travelling approximately 5 degrees on the compass rose it broke into several pieces and disappeared.

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ACTION COPY FORWARDED TO
Commanding Officer
Kirtland Air Force Base
Kirtland Field, New Mexico

APPROVED

A. C. MURRELLE, II
Captain, USAF
DISTRICT COMMANDER

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23 JULY 48

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U. S. GOVERNMENT PRINTING OFFICE

DETAILS:

1. This investigation predicated by a telephonic request from the District Commander, 17th District OSI (IG), Kirtland AFB, Kirtland Field, New Mexico on 31 January 1949.

AT BIGGS AFB, TEXAS

2. On 31 January 1949 [redacted] 1900th AACS Sqdn, Biggs AFB and Pfc BILLIE C. ASHEY, [redacted] Sqdn, Biggs AFB were interviewed relative to the Green Fireball they had seen on 30 January 1949 from the Control Tower, Biggs AFB, where they were on duty as Operators. They stated that between 1751 and 1754, 30 January 1949, they saw a green ball of fire on the horizon on a True Bearing of approximately 55 degrees from the Biggs Tower (Coordinates: 31-50N 106-23W). This ball of fire was approximately 3 to 5 degrees above the horizon travelling in a northwest to southeasterly direction. They stated that the ball of fire lost no altitude during its travel and at the end of travel it enlarged slightly, then disappeared quickly.

3. The reporting agent accompanied by the above named enlisted men took a transit to the control tower at Biggs AFB and with the aid of the above named men determined that the Green Fireball was first sighted at a true bearing of 55 degrees, and continued travel to a true bearing of 60 degrees. The elevation was determined to be 4 degrees above the horizon. Due to the fact that the time of the incident was just prior to nightfall the enlisted men could not be definitely sure of the exact locations. When asked if they knew of anyone else who had seen the Green Fireball, they stated that a Lt Colonel [redacted] HANEY, AC [redacted] Technical Training Wing, Scott Air Force Base, Scott Field, Illinois, and the tower operators at the El Paso Municipal Airport, had also seen it.

4. In an attempt to locate Lt Col HANEY it was learned that he had returned to his home station.

5. On 31 January 1949, Mr [redacted] Jr., 201 Ramona Street, El Paso, Texas, [redacted] Pershing Drive, El Paso, Texas, and Mr [redacted] 3000 Idalia Street, El Paso, Texas, who are control tower operators at the El Paso Municipal Airport, were interviewed relative to the Green Fireball seen by them on 30 January 1949.

[redacted]

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DETAILS: (Continued)

They stated that they had seen a Green Fireball near the horizon at about 1800 on 30 January 1949. It commenced on a true bearing of approximately 45 degrees and ended on a bearing of approximately 50 degrees. It was above the horizon at approximately 4 degrees. The coordinates of the tower at the Municipal Airport, El Paso, Texas are 31-53N 106-24W. It was stated that the Fireball descended on approximately a 15 degree incline, then levelled off, gained momentum and broke into several pieces. As it broke up, it disappeared.

NOTE: In all cases during the interviews it was noted by the reporting agent that the people involved could not be specific as to their observations or descriptions either because of the lack of interest or failure to observe the incident very closely.

PENDING

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[redacted]

2 FC

[redacted]

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Basis: Ltr 17th Dist OSI, KAFB, to CO, KAFB, dtd 18 Feb 49, Subj: "Unknown (Aerial Phenomena)."

AG 1st Ind CMN:jb
HEADQUARTERS, Kirtland AF Base, Kirtland Field, N. Mex., 21 Feb 49

TO : Commanding General, AMC, Wright-Patterson AF Base, Dayton, Ohio.

Forwarded for your information in connection with the report of investigation forwarded from this Headquarters on 14 December 1948 by 1st Ind to letter same subject as above.

FOR THE COMMANDING OFFICER:

2 Incls m/o (1 cy w/d)

OLIVER M. NOLAND
Captain, USAF
Adjutant

Basis: Letter sent to Eastern Dist.

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

UNCLASSIFIED

[redacted]

246

KAFB 3653

[redacted]

HEADQUARTERS UNITED STATES AIR FORCE
THE INSPECTOR GENERAL
OFFICE OF SPECIAL INVESTIGATIONS

UNCLASSIFIED

REPORT OF INVESTIGATION

FILE NO.	24-8
DATE	9 March 1949
REPORT MADE BY	JACK L. BOLING
REPORT MADE AT	DO # 17, Kirtland AFB
PERIOD	16 - 19, 21 February 1949
OFFICE OF ORIGIN	DO # 17, Kirtland AFB
STATUS	PENDING

TITLE

UNKNOWN

(Aerial Phenomena)

CHARACTER: SPECIAL INQUIRY

REFERENCE: Report of EDGAR J. BETHART, file 24-8, dated 9 February 1949

SYNOPSIS

Numerous persons were interviewed without result in and between Grants and Gallup, New Mexico, and Ganado, Arizona. Dr and Mrs [redacted] reported the sighting of a "fireball" at a point two miles east of Ganado. It was reported that two Indians had also sighted a "fireball". Their location was given as "east of Sheep Springs", the exact location of which is unknown.

Mr [redacted] of Fort Worth, Texas, was interviewed in connection with information he had collected pertaining to the sighting of a fireball on 30 January 1949.

Dr LaPAZ reported his findings relative to the sighting of 30 January 1949.

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

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APPROVED

A. C. HURRELL, II
Captain, USAF
Acting DISTRICT COMMANDER

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AFOSI FORM 4
23 JULY 48

[redacted]

16—56438-1 U. S. GOVERNMENT PRINTING OFFICE

[redacted]

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DETAILS:

1. This is a joint investigation by the writer and Special Agent MELVIN E. NEEF.

AT GRANTS, NEW MEXICO

2. On 16 February 1949 the writer interviewed numerous persons in Grants, New Mexico, relative to the "fireball" observation of 14 February 1949. No results were obtained except a report that one [redacted] had seen the object. Mr [redacted], a real estate operator, could not be contacted.

ALONG U.S. HIGHWAY 66

3. Between Grants and Gallup, New Mexico, on 16 February, the writer interviewed numerous persons at trading posts, but no one was contacted who had any knowledge of any anomalous celestial phenomena.

AT GALLUP, NEW MEXICO

4. Newspaper personnel, police, traders and other likely sources of information were contacted on 16 February 1949 with negative results. Several had knowledge of the "Four Corners" meteor fall of late 1947, but no more recent observations were obtained.

AT CANADO, ARIZONA

5. En route to Canado, several members of the Franciscan Order were interviewed at St Michael's Mission. No positive results were obtained, but it was arranged that the writer would be notified in the event that any of the brothers heard any reports from the Indians.

6. At Canado Mission (Presbyterian), Dr [redacted] was interviewed on 16 February 1949 by the writer. [redacted] said that at about 1840 on 14 February 1949, as he and his wife, [redacted], were returning from Gallup, they crossed the long bridge about two miles due east of Canado. As they came up the hill west of the bridge, where the road heads south, a brilliant white light was observed in the sky directly in front of the car, and somewhat above the horizon. The object appeared to hang stationary, then fell in a slight curve to the west. Mrs [redacted] said that the object had a slightly greenish color. Both agreed that the object had an orange tinge as it fell, and that sparks appeared to trail off the object, both while stationary and as it fell. Dr [redacted] said that his first reaction was that it was an airplane on fire, and that he had so reported to the Arizona State Police.

7. Dr [redacted] informed the writer that one [redacted], Indian trader at Klagetoh, Arizona, had told him that two Indians said that they were east of Sheep Springs when a ball of fire appeared "two tree tops" above them. The object disappeared over a hill, and then they heard a big explosion. These Indians are reported to have come in separately to Klagetoh, to have made separate observations, and to have told identical stories. The time was estimated to be about 1830 on 14 February 1949.

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[redacted]

8. The writer proceeded to the spot from which Mr [redacted]'s observation had been made and took observations with a pocket compass. These readings showed that the road headed due southwest, rather than south as [redacted] thought. The true heading adduced from the observation given by the [redacted] was 243°. It is to be noted that this heading does not agree with the readings reported by Dr La PAZ.

9. The condition of the roads was such that it was impossible for the writer to reach Klagetoh, Arizona, by automobile on 17 February 1949. No personal interview with either [redacted] the Indians was possible therefore.

NOTE: "Sheep Springs" is a very common place name in this area, so that no accurate location is possible without additional information.

AT ALBUQUERQUE, NEW MEXICO

10. A Memorandum Report was received in response to a letter requesting interview of Mr [redacted], Fort Worth, Texas, meteoriticist. This interview was conducted on 18 and 19 February 1949.by Special Agent HENRY M. LANGLOIS, 23rd District OSI. Verbatim report follows:

"1. Mr. [redacted], was interviewed at his office at [redacted], Fort Worth, Texas, on 18 and 19 February 1949. Mr. [redacted] had no direct knowledge of the "fireball" which occurred at about 1900 hours, 30 January 1949; however, he is extremely interested in meteorites and this avocation of his is well known, consequently individuals who did see the "fireball" contacted him and he had in his possession a file concerning the observations of these persons. This file was examined and the following pertinent information extracted:

"a. The first telephone call to Mr [redacted] was from a Mr. [redacted] who telephoned at 1855 plus 20 seconds (time is exact since [redacted]'s watch was checked with WWV shortly before this call) to report that he had seen a green flame trailing sparks going from North to South in the West. This occurrance had happened a minute or so prior to his telephone call. The observation had been made from the residence of [redacted], Fort Worth, Texas. The green flame appeared to have a trajectory of approximately 30 degrees downward from the horizontal. Mr. [redacted] with reference to this call interviewed a Miss [redacted] on 1 February 1949, who was the first to observe the phenomena in the [redacted] residence and from her indicated positions measured with a hand transit the beginning point as being North 62 degrees West, true, at approximately 6 plus degrees altitude and the end point at being North 86 degrees West altitude 3½ degrees or lower. The exact time of duration by rehearsal was measured to be 1.8 seconds. The approximate size of the "fireball" was considered to be from 1/2 down to 1/3 the size of a full moon.

"b. The second call received on 30 January 1949, was from a Mrs. [redacted] who resided at 2[redacted]th, Texas, who reported a real bright green burst seen in the West followed by a lot of little sparks. Mr [redacted] did not contact [redacted] per-

sonally as her information given over the telephone was not considered sufficiently detailed to warrant additional investigation.

"c. The third call received 30 January 1949, was from a Mrs. [redacted] who is employed at a casino at Lake Worth, Fort Worth, Texas. [redacted] reported that she had observed a blue streak through a West window of the casino which started high in the sky and proceeded from North to South ending approximately in the West. This blue streak was quite wide appearing wider than a full moon. The streak came to a point at its rear end. The duration was approximated as being approximately 1 to 2 seconds. M[redacted] did not contact Mrs. WILLS.

"d. Mr. [redacted]cle, Fort Worth, Texas, reported at a later date, that he was driving with his brother in a car on the highway from Handley to Fort Worth, Texas, at approximately 1900 hours, 30 January 1949, and saw a sulphurous, green ball of fire moving from North to South in the West just prior to its apparent disintegration which occurred slightly North of due West and about 15 degrees North of the moon and 10 degrees lower than the moon. Just prior to disintegration the color changed from green to an orange-yellow and then to a deep red color. According to the observer the disintegration appeared similar to a rocket burst.

"e. Mr. [redacted] was interviewed early in February by Mr. [redacted], since he discovered that [redacted] was on duty in the CAA Control Tower at Meacham Field, Fort Worth, Texas, during the time of the occurrance of the phenomena and had observed it. [redacted]'s observations were rehearsed in the control tower and from this it was determined that the indicated beginning point was approximately North 64 degrees West, true, at an altitude of about 13 degrees and that the end point was approximately due West but no altitude was determined due to extraneous lights in the vicinity of the air field. The duration of the observation was considered to be about 2.4 seconds. The color of the "fireball" was compared as similar to the green of the runway lights. [redacted] did not see any terminal flare.

"f. On the night of 30 January 1949, Mr. [redacted] placed a telephone call to Big [redacted] Municipal Airport, Big Springs, Texas, and spoke to a Mr. [redacted] who, together with two others, was in the control tower at the air field and observed the phenomena. His observations placed the beginning point at about 5 degrees West of North and the end point slightly north of West of Northwest. The exact duration was between 5 and 7 seconds. The altitude was considered to be about 20 degrees above the horizon. The course was from North to South.

"2. Mr. [redacted] in an attempt to determine the end point of the "fireball" wrote to various individuals in the neighborhood of Paducah, Texas, for reports of the observation of the phenomena, since according to his calculations the end point should have been observed from

[redacted]

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that vicinity as being "in the moon". Reports received from that area from individuals who had observed the phenomena gave the end point as a little to the right and below the moon.

"3. From this information and from other information furnished by a Mr. [redacted] of Radio Station KPET, Lamesa, Texas, Mr. [redacted] has plotted the ground tract as being from approximately Tulia, Texas to Tokio, Texas.

"4. From correspondence in Mr. [redacted] file it appears evident that Mr. [redacted] has been contacted by Army or Air Force Intelligence Agents.

"5. Mr. [redacted] has actively engaged in his avocation of the study of meteorites for the past 13 years; consequently his interviews and determinations are considered to be the best available source in this area. Mr. [redacted] has indicated his complete willingness to assist in reporting on any further occurrance or to furnish information on any past occurrances which he may have in his files."

11. A report was received from Dr LINCOLN LaPAZ containing his findings relative to the observation of 30 January 1949. In this report the descriptions of the object agree with those given for previous sightings, except that as the ground track of the object is approached, the color shifts from green to red or orange. The ground track extends from near Amarillo, Texas, to Loop, Texas, a distance of some 143 miles. The course is slightly west of due South. Well over a hundred interviews were considered in the development of data for the LaPAZ report, which is attached to and made a part of this report.

NOTE: The sub-final points given by both [redacted] and LaPAZ agree to about ten miles. LaPAZ evaluates the reports by laymen on the basis of the person's experience and probable ability to furnish accurate information as to azimuth and elevation. It is possible that [redacted] data is not so weighted, inasmuch as many of the readings were obtained from Dr CORNELIUS, who gives equal value to all readings, and then takes an average.

- PENDING -

Inclosures:

FOR COMMANDING OFFICER, KIRTLAND AFB

Report of Dr LINCOLN LaPAZ, University of New Mexico, dated 21 February 1949

FOR HEADQUARTERS OSI

Report of Dr LINCOLN LaPAZ, University of New Mexico, dated 21 February 1949

[redacted]

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[redacted]

UNDEVELOPED LEADS

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DISTRICT OFFICE NO. 17, KIRTLAND AFB

Will report any further observations of aerial phenomena of this nature.

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[redacted]

[redacted]

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THE UNIVERSITY OF NEW MEXICO
ALBUQUERQUE

Institute of Meteoritics

February 21, 1949

To; Lt Colonel Doyle Rees, Commanding Officer
District No. 17
Office of Special Investigations

From: Lincoln LaPaz, Director
Institute of Meteoritics

Subject: Anomalous luminous phenomena (4th report)

1. Several additional sightings of unexplained aerial light phenomena have occurred since the third report in this series was prepared. Outstanding among the as yet undescribed incidents was the green fireball of Sunday evening, January 30, 1949, 5:54 p.m. MST. Within less than one minute after the appearance of the fireball, an eyewitness (Mr [redacted]) called to report the impression of a group of persons who saw the fireball through an east window while seated about the dinner table in a brightly lighted room. Within twelve hours after the fireball appeared, more than 100 eyewitness accounts had been phoned or written in to the Institute of Meteoritics, or had been obtained by its director through personal interviews. An unusually high percentage of the reports came from military personnel (waiting out under the sky for Post Theaters to open), from guards and other special agents already alerted to watch for anomalous luminous phenomena and from airplane pilots, control tower man and oilwell workers working on the late afternoon to midnight shift.

2. On February 1st, a staff car was placed at the writer's disposal by [redacted] of the Fourth Army and a field survey was begun of the region in New Mexico and Texas in which the majority of the observers reporting the fall lived. This survey, carried out under unusually severe weather conditions, included visits to the following localities: Moriarty, Estancia, Vaughn, Ramon, Mesa, Roswell, Caprock, Tatum and other towns in New Mexico; and Lamesa, Brownfield, Plains, Lubbock, Muleshoe and other towns in Texas. (Several of these towns were visited two or more times.) At Roswell, where very effective cooperation was provided by the OSI group at Walker Air Base under Lt Paul Ryan, and the local CIC unit under Lt H. K. Cobean, Special Agent Bill Ricket was added to the survey party and gave much aid in later work. At Lamesa, Texas, the ground survey party was joined by an air search party consisting of Major Charles Phillips, USAF, Captain Melvin E. Neef and Special Agent Jack L. Boling, from the 17th District OSI Office at Kirtland Field, and Corporal Cochran.

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[redacted]

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On February 4th, the four persons just named flew a low-level air reconnaissance mission in a T-11 aircraft over the area surrounding the earth-point of the fireball of January 30th. At the same time a second ground survey party under Lt Paul Ryan made a careful field search along a route extending from Lamesa through Amherst, Texas, to Clovis, New Mexico.

3. As a result of the ground and air searches referred to above, and of an analysis of the very large amount of information obtained from eyewitnesses by personal interviews, by telephone conversations and by letter, it has now (three weeks after the fall) become clear that several thousand persons in New Mexico and Texas saw this great fireball leisurely traverse the sky. It has been possible to determine that the January 30th fireball became visible at an altitude of approximately twelve miles over a point at latitude 34° 50', longitude 102° 5', and disappeared at an altitude of approximately eight miles over a point at latitude 32° 48', longitude 102° 22', after traversing a nearly horizontal path approximately 143 miles long at a velocity of from seven to fourteen miles per second. Although the January 30th fireball must be ranked among the brightest observed in the last quarter-century, and in spite of the fact that its real path lay closer to the earth throughout its entire extent than any other meteorite path of which the writer has knowledge (excepting only the anomalous green fireballs of December 12th and 20th, 1948), the meteoritic detonations and long continued rumblings which without exception accompany large meteorite falls were not observed on January 30th by anyone in the very large region covered by the various ground surveys. However, what may have been Hidden Noises (anomalous whizzing and hissing sounds frequently reported by very distant observers as having been heard at the same time that a meteoritic fireball was seen) were heard at Roswell, New Mexico, and near Mule shoe, Texas.

4. In addition to the absence of noise anomaly referred to in the last paragraph, the fireball of January 30th, 1949, shows several other features (e.g. nearly horizontal path, absence of long enduring luminous train or dust clouds, North to South direction, etc) characteristic of the green fireballs earlier described in this series of reports. However, the January 30th fireball was much brighter than any of these earlier reported and differed from the other green fireballs in that many of the Texas observers who were situated nearest its path reported its color as blue, orange, red and even purple instead of green.

5. Up to the present time (February 21st), no evidence whatever supporting the belief that solid fragments fell to earth from the January 30th fireball has been discovered. However, as promptly as possible, a much more thorough ground search should be made in the probable area of fall as outlined by the earlier surveys, for, in my opinion, the fireball of January 30th is the only one of the anomalous luminous objects under investigation which gives any indication of having been a meteorite fall.

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[redacted]

[redacted]

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6. With the present report, the writer's participation in the OSI's investigation of the puzzling fireball question must, to his regret, terminate. During the time I was on leave of absence from the University of New Mexico, I was glad to donate my time and services to this investigation. Now that I am again serving as Head of the Department of Mathmetics with a full time teaching load, it is impossible for me to continue cooperating with the OSI.

[redacted]
Head of Dept of Mathmetics

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[redacted]

INCIDENT NO. ~~246~~

1. Date of Observation 30 Jan 49 Date of Interview ~~31 Jan 1949~~
2. Exact time (local) 1751 to 1754
3. Place of Observation Biggs AF Base, El Paso Texas; 31° 50' N 106° 23' W at 3° elevation
4. Position of observer Control Tower, Biggs, AFB
5. What attracted attention to object(s) -
6. Number of objects 1
7. Apparent size
8. Color of object green
9. Shape ball-shaped
10. Altitude
11. Direction from observer
12. Distance from observer
13. Direction of flight of object(s) Bearing of 60° (ENE)
14. Time in sight Over 5 seconds
15. Speed
16. Sound and Odor
17. Trail
18. Luminosity
19. Projections
20. Maneuvers Slight decline, then leveled off, flared out and disappeared
21. Manner of disappearance Flared out and disappeared
22. Effect on clouds
23. Additional information concerning object
24. Weather conditions

(over)

Name and address of observer: [redacted] AMCS Sq Biggs AFB

Occupation and hobbies: S/SGT; and PFC ASHBY
Control Tower Operators

Comments of Interrogator relative to intelligence and character of observer(s):

In all cases it was noted that the people involved could not be specific as to their observations or descriptions either because of the lack of interest or failure to observe the incident very closely.

NARRATIVE SUMMARY:

On 30 Jan 1949 while on duty as Control Tower Operators, Biggs AFB between 1751 and 1754, [redacted] and [redacted], saw a green ball of fire on the horizon on an estimated true bearing of approximately 55° from the Biggs Tower (Coordinates: 31-50N 106-23W). This ball of fire was approximately 3 to 5° above the horizon travelling in a northwest to southeast direction". They stated that the ball of fire lost no altitude during its travel (second reports states that there was a slight decline then a change to a level course, after which it flared out and disappeared) and that at the end it enlarged slightly then disappeared quickly. The reporting agent took a transit to the Control Tower at Biggs and determined the actual true bearing was 55° when first sighted and that the object actually traveled on a true bearing of 60°. The elevation was determined to be 4° above the horizon.

Due to the fact that the time of the incident was just prior to nightfall the above-mentioned could not be sure of the exact locations. They stated that a [redacted] of the 3310th Technical Trng Wing, Scott AF Base, had also seen the green fireball and that the tower operators at the El Paso Municipal Airport had likewise seen it. (See 246A)

INCIDENT NO. 246a

1. Date of Observation 30 Jan 1949 Date of Interview 31 Jan 1949
2. Exact time (local) 1800
3. Place of Observation El Paso, Texas, 31° 53' N 106° 24' W
4. Position of observer El Paso Municipal Airport Control Tower
5. What attracted attention to object S --
6. Number of objects 1
7. Apparent size
8. Color of object Green
9. Shape
10. Altitude
11. Direction from observer
12. Distance from observer
13. Direction of flight of object(s) 50° (NE)
14. Time in sight
15. Speed
16. Sound and Odor
17. Trail
18. Luminosity
19. Projections
20. Maneuvers Descended on 15° incline then leveled off & gained speed
21. Manner of disappearance Broke into several pieces & disappeared
22. Effect on clouds
23. Additional information concerning object
24. Weather conditions

(over)

Incident: 246a

Name and addre.s of observer: Mr [redacted] St, El Paso

Mr [redacted], El Paso

Occupation and hobbies:

Control Tower Operators

Comments of Interrogator relative to intelligence and character of observer(s):

In all cases it was noted by the reporting agent that the people involved could not be specific as to their observations or descriptions either because of the lack of interest or failure to observe the incident very closely.

NARRATIVE SUMMARY:

The above-mentioned stated that at about 1800 on 30 Jan 1949 they had seen a green fireball near the horizon. It commenced on a true bearing of approximately 45° and ended on a bearing of approximately 50 degrees. It was above the horizon at approximately 4°. The coordinates of the tower at the Municipal Airport, El Paso, Texas are 31-53N 106-24W. The fireball descended on approximately a 15° incline, then levelled off, gained momentum, and broke into several pieces. As it broke up, it disappeared.

INCIDENT NO. 246B

1. Date of Observation 30 Jan 49 Date of Interview 31 Jan 49 & 8 Feb

2. Exact time (local) 1730 hrs

3. Place of Observation Near Three Rivers New Mexico - east toward Sierra Blanca Peak - slightly south of peak

4. Position of observer ground - driving south on Highway 54 from Carrizozo, N

5. What attracted attention to object :-

6. Number of objects 1

7. Apparent size 1-1/4" long from observer's viewpoint

8. Color of object light blue (almost white) to whitish blue
Carter noted object as Green with a White Flame in Front.

9. Shape oblong

10. Altitude

11. Direction from observer Slightly south of East

12. Distance from observer

13. Direction of flight of object(s) Slightly south and downward

14. Time in sight only for an instant
Carter observed object for 15 Sec.

15. Speed

16. Sound and/or No noise

17. Trail

18. Luminosity

19. Projections

20. Maneuvers Xxx Traveled 3 or 4 inches across sky then went out.

21. Manner of disappearance "suddenly went out"

22. Effect on clouds

23. Additional information concerning object

24. Weather conditions

(over)

Incident: 2463

Name and address of observer: [redacted] and [redacted], Alamogordo, N. M. 805 Virginia Ave. Alamogordo, N.Mexico.

Occupation and hobbies: Employes of General Electric Corp., White Sands Proving Grounds.

Comments of Interrogator relative to intelligence and character of observer(s):

NARRATIVE SUMMARY: While driving south on Highway 54 from Carrizozo, N. M. the above mentioned observers while looking east towards Sierra Blanca Peak slightly south of this peak and about 2 inches above the horizon sighted a flame. Time: approximately 1730 hours, 30 Jan 49. The flame was moving south slightly downward from Old Baldy (another name for Sierra Blanca Peak). The flame was oblong in shape, the front was a light blue, almost white, and the rear was a whitish blue. It was about 1-1/2 inches long. The flame was visible for an instant and after traveling 3 or 4 inches across the horizon it suddenly went out. It did not explode. There was no noise.

Second Report: Mr. [redacted] was interviewed on 8th Feb. 49. He advised his position at the time of the sighting was approximately 3 miles south of tThree Rivers, N.M., but that he was not positive inasmuch as a Mr. [redacted]st. Alamogordo, N.M. was in the car with him and Umphress believed that they were not as Three Rivers when the object was sighted. The description of the object by [redacted] was that it was a longishobject, green with a whati flame in front. [redacted] added that he saw the object for about 15 seconds. An attempt was not made to take transit readingswith Mr. [redacted] because of his indeterminate position at the time of his sightings. Other than difference of the shape of the object , the description geven by [redacted] concurred with the other description noted herein.

INCIDENT NO. 246c

1. Date of Observation 30 Jan 49 Date of Interview 31 Jan 49
2. Exact time (local) 1755
3. Place of Observation Over Municipal Airport, El Paso, Texas,
4. Position of observer Ft Bliss, Texas - intersection of Carter Road and Pershing Drive - 106° 26' 00 sec W 31° 48' 00"N.
5. What attracted attention to object [illegible]
6. Number of objects 1
7. Apparent size 4 ft in length
8. Color of object gray blue in color
9. Shape cylinder - like solid fuel rocket
10. Altitude 3000 ft
11. Direction from observer 11° 50' elevation 42° 30' azimuth when 1st se
last seen at 6° elevation 83° 40' azimuth
12. Distance from observer
13. Direction of flight of object(s) North to South
14. Time in sight
15. Speed
16. Sound and Odor No sound heard
17. Trail Stream of fire about 15 or 20 feet long. Color of flame was bluish white. Flame appeared to change in intensity and length. Flared ou
18. Luminosity in manner of powder rocket.
19. Projections
20. Maneuvers Traveled at slightly downward angle
21. Manner of disappearance
22. Effect on clouds
23. Additional information concerning object
24. Weather conditions

(over)

Incident: 246c

Name and address of observer: M/Sgt Rolland M. McDonald, 1st Guided Missile Regiment, Ft Bliss, Texas

Occupation and hobbies: M/Sgt

Comments of Interrogator relative to intelligence and character of observer(s):

NARRATIVE SUMMARY: Between the hours of 1740 to 1750, 30 Jan 1949, M/Sgt ROLLAND M. McDONALD, saw an object which looked like a solid fuel rocket about 4 feet in length approximately over the Municipal Airport, El Paso, Texas (could have been nearer or farther). It was about 3,000 feet high and was traveling in a slight downward angle. A stream of fire about 15 or 20 feet long was shooting out the back. (Fire died out when object appeared to be over the Administration Building of the Airport. - seen in front of Post Theatre, Ft Bliss) Flame appeared to be definitely that of a powder rocket rather than a liquid fuel rocket. No sound was heard. Color of flame was bluish white. Body of the object was cylindrical and gray-blue in color. Flame was six to ten (6 to 10) times the length of the cylinder. The flame appeared to change in intensity and length. It flared out in the manner of a powder rocket. Direction of travel was north to south.

Sgt SITIG of the 9930 TSU, Security Detachment at Research and Development, Ft Bliss, Texas, also saw this object.

INCIDENT NO. 246D

1. Date of Observation 30 Jan 49 Date of Interview 31 Jan 49
1 Feb 49
2. Exact time (local) 1755
3. Place of Observation Walker AF Base, Roswell, N. M. 104° 31-1/2' W 33° 18'
4. Position of observer Ground
5. What attracted attention to object &
6. Number of objects 1
7. Apparent size
8. Color of object Blue green
9. Shape Resembled flare
10. Altitude 2,000 ft (22° elevation)
11. Direction from observer 1st observation: 50°
Last observation: 87-1/°
12. Distance from observer
13. Direction of flight of object(s) North to South
14. Time in sight
15. Speed Moved slowly
16. Sound and dor High-pitched whining noise (similar to blowtorch) heard by Sgt McCrary only
17. Trail
18. Luminosity
19. Projections
20. Maneuvers Traveling on a horizontal line
21. Manner of disappearance Disappeared Southeast of Walker AF Base - Some observers say it disintegrated into a shower of lighted fragm
22. Effect on clouds
23. Additional information concerning object
24. Weather conditions

(over)

Incident: 246D

Name and address of observer:

S/Sgt Raymond D. Platt
Sgt Edward P. McCrary — 1900-4 AACS Detach
S/Sgt Donald Y. McKenna — Walker AF Base
Cpl Wm J. Bryant — Roswell, N.M.
Pvt Roger M. Johnson
Cpl John G. Thaden

Occupation and hobbies:

Comments of Interrogator relative to intelligence and character of observer(s):

NARRATIVE SUMMARY:

On 30 Jan 1949 at 1755 hours, a blue-green light resembling a flare was observed travelling on a horizontal line. This light came out of the North headed South at an estimated altitude of 2,000 feet, moving slowly, and disappeared in the vicinity of SE Walker Air Force Base. To some observers this phenomena disappeared in its entirety while other statements mentioned a disappearance as a disintegration into a shower of smaller lighted fragments such as a shower of sparks. The only sound accompanying this object was heard by Sgt McCRARY, a tower control operator of Walker AFB, who described it as a high pitched whining noise similar to that of a blow-torch. All of these observers sighted this light from a position West of it while facing east.

Obtaining the services of an engineer's transit, the following information was secured by making a reading from points of observation:

First observed at 52° magnetic
Last observed at 87-1/2° magnetic
Elevation of 22°

The following grid coordinates were secured

a. Center of Walker AFB: 104° 31-1/2 W 33° 18' N

b. Control Tower (reading from center of WAFB): 75' N 5470' W

c. Tennis Courts: 1125' N 5630' W

d. Base Theater: 1925' N 5060' W

Incident: ~~21,6B~~

Name and addre.s of observer: Mrs [redacted] St., Artesia, N.M.

Occupation and hobbies:

Comments of Interrogator relative to intelligence and character of observer(s):

NARRATIVE SUMMARY:

On 4 Feb 49 a search was conducted south of Roswell to a distance of approximately 15 miles south of Artesia, N. M. to determine the extent of this aerial phenomena. Mrs [redacted], was questioned as to a light observed by her and it was ascertained that she had witnessed this phenomena.

A noise resembling a racing motorcycle was heard in the vicinity of Artesia on or about 30 Jan 49 about 0530 hours. The people hearing this noise stated its duration was about 3 minutes. Mr [redacted] and [redacted], Allen Oil Company, E. Main St., Artesia, N. M., stated they had been separated by a distance of about 3 miles at this time and both heard the noise. Both observers were positive that the sound was not emanating from an aircraft. When questioned as to the sound [redacted] revealed that as a soldier in the European Theater of Operations during the war he had observed and heard many robot bombs (buzz bombs). According to him the sound he heard was somewhat like the noise produced by these bombs.

INCIDENT NO 2463

1. Date of Observation 30 Jan 49 Date of Interview 4 Feb 49

2. Exact time (local) 1755

3. Place of Observation

4. Position of observer

5. What attracted attention to object -

6. Number of objects 1

7. Apparent size

8. Color of object

9. Shape

10. Altitude

11. Direction from observer

12. Distance from observer

13. Direction of flight of object(s)

14. Time in sight

15. Speed

16. Sound and/or A (noise similar to a racing motorcycle by one witness & somewhat like the noise produced by a "buzz" bomb by another was reported as having occurred on or abo 30 Jan 49 at this hour)

17. Trail

18. Luminosity Light

19. Projections

20. Maneuvers Object not seen only as a light

21. Manner of disappearance

22. Effect on clouds

23. Additional information concerning object

24. Weather conditions

(over)

INCIDENT NO. 246F

1. Date of Observation 30 Jan 49 Date of Interview _____
2. Exact time (local)
3. Place of Observation Amherst, Texas
4. Position of observer ground
5. What attracted attention to object [illegible]
6. Number of objects 1
7. Apparent size
8. Color of object red and blue light
9. Shape
10. Altitude
11. Direction from observer South
12. Distance from observer
13. Direction of flight of object(s)
14. Time in sight
15. Speed
16. Sound and/or Sound similar to short roll of thunder heard by one witness
17. Trail
18. Luminosity Red and blue light
19. Projections
20. Maneuvers
21. Manner of disappearance
22. Effect on clouds
23. Additional information concerning object
24. Weather conditions N/S

(over)

Incident: 2467

Name and address of observer: [redacted] (age 10), Amherst, Tex &
Miss [redacted], Clerk, 1st Nat'l Bank, Amherst, Texas
Occupation and hobbies:

Comments of Interrogator relative to intelligence and character of observer(s):

NARRATIVE SUMMARY: In accordance with instructions from Dr La Paz [redacted], age 10, son of Mr [redacted] President of 1st Nat'l Bank, Amherst, Texas, was interviewed. His family confirmed the fact that young [redacted] had witnessed the aerial phenomenon and had heard a rumbling noise emanating from it. The best description he could give was that the sound was similar to a short roll of thunder. No other member of the family heard it. The boy, however, was outdoors at the time, when he observed the light. He was facing south. No other persons in the small town had seen or heard anything with the exception of Miss [redacted], a clerk at the First National Bank and her parents who were in a car heading south (some 20 miles north of Amherst) on Highway 51 when a red and blue light was observed. No sound was heard by these persons. The direction of the phenomenon was south of them.

INCIDENT NO. 2466

1. Date of Observation 30 Jan 49 Date of Interview 1 Feb 49
2. Exact time (local) 1800
3. Place of Observation Holloman AFB, N.M. 33°56' North 106°05 1/2' West
4. Position of observer Ground
5. What attracted attention to object S -
6. Number of objects 1
7. Apparent size
8. Color of object Bright Green
9. Shape Ball of Flame
10. Altitude Object first sighted 3° Elevation, Last sighted 3 1/2° Elevation
11. Direction from observer Easternly, Object first sighted 55°North Last sighted 63° North
12. Distance from observer
13. Direction of flight of object(s) Southerly
14. Time in sight
15. Speed
16. Sound and odor None noticed.
17. Trail No Smoke or Trail noticed
18. Luminosity
19. Projections
20. Maneuvers
21. Manner of disappearance Appeared to fizzle out.
22. Effect on clouds
23. Additional information concerning object Object seemed to fizzle out in Air
24. Weather conditions Clear, No Clouds.

(over)

Incident [illegible]

Name and address of observer: Maj. James C. Peterson
Holloman AFB, [illegible] Alamogordo, N.M.

Occupation and hobbies: Adjutant, USAF

Comments of Interrogator relative to intelligence and character of observer(s):

NARRATIVE SUMMARY:

On 1 Feb. Maj. James C. Petersen AO-561833, Adjutant, Holloman AFB, Alamogordo, New Mexico advised that on 30 January 1949 at approx. 1800 hours he sighted a single brighrt green object in an Easternly direction. Peterson hesitated to estimate the altitude or distance of the object. Petersen described the object as a bright green ball of Flame traveling in a Southerly direction., without evidence of smoke or a trail of any kind. Petersen advised that there were no clouds and that the object did not make any noise to his knowledge. Petersen advised that the object seemed to fizzle out in the Air. Transit readings were taken on 2 February and the following readings were obtained: Location 33° 56' North 106° 05 1/2' West (Holloman AFB)

Object first sighted: 55° Magnetic North and 3° Elevation.

Object Last sighted: 63° Magnetic North and 3 1/2° Elevation.

INCIDENT NO. 246 H

1. Date of Observation 30 Jan 49 Date of Interview 3 Feb 49
2. Exact time (local) 1800)(approx)
3. Place of Observation Tularoso, New Mexico
4. Position of observer Ground
5. What attracted attention to object S -
6. Number of objects one
7. Apparent size
8. Color of object Bright Green
9. Shape Ball of Fire
10. Altitude 15° elevation
11. Direction from observer Ease
12. Distance from observer
13. Direction of flight of object(s) Southernly
14. Time in sight 10 seconds
15. Speed
16. Sound and dor
17. Trail None noticed
18. Luminosity
19. Projections
20. Maneuvers
21. Manner of disappearance Appeared to die out, but did not explode
22. Effect on clouds No clouds in sky
23. Additional information concerning object
24. Weather conditions No clouds

(over)

Name and address of observer: Mr. [redacted], Holloman AFB, New Mexico

Occupation and hobbies: Electronics Technician

Comments of Interrogator relative to intelligence and character of observer(s):

NARRATIVE SUMMARY:

On 3 February 1949, at the Office of Special Investigations, Holloman AFB, the writer interviewed Mr. [redacted], electronics technician with Boeing Aircraft Company, Holloman AFB, who advised that on 30 January 1949 at approximately 1800 hours, while in the vicinity of Tularosa, New Mexico, and in the company of Sgt [redacted], Holloman AFB, he saw a single, bright green ball of fire to the East. The ball of fire seemed to be traveling in a southerly direction, [redacted]N believed the object to be an elevation of about 15° but declined to make an estimate of his distance from the object. [redacted]N adviced that the ball was visible for approximately 10 seconds [redacted] stated that there was no apparent exhaust to bhe object, nor were there any clouds in the sky. [redacted]N stated that the object seemed to die out of its own accord and did not explode.

INCIDENT NO. 246 I

1. Date of Observation 30 Jan 49 Date of Interview 3 Feb 49

2. Exact time (local) 1755

3. Place of Observation White Sands National Monument 33° - 49' North
106° - 13' West

4. Position of observer

5. What attracted attention to object [illegible]

6. Number of objects

7. Apparent size

8. Color of object Bright Burning Green Object

		First Seen	Last seen	By -
9.	Shape	12°	10°	Mr/ Bethard
		20°	19°	Mrs. Johns
10.	Altitude (in degrees)	11°	08°	Mrs. Bethard

		First Seen	Last Seen	By -
11.	Direction from observer	55°	60°	Mr. Bethart
12.	Distance from observer	68°	80°	Mrs. Johns
	Degrees Magnetic North	65°	72°	Mrs. Bethard

13. ~~Direction of flight of object~~

14. Time in sight Approximately 3 seconds

15. Speed

16. Sound and Odor

17. Trail

18. Luminosity Burning

19. Projections

20. Maneuvers Gentle downward glide

21. Manner of disappearance seemed to fizzleout and finally disappeared altogether.

22. Effect on clouds

23. Additional information concerning object

24. Weather conditions

(over)

Name and address of observer: Mrs. [redacted] Street
Mr. and Mrs. [redacted] Michigan Avenue
Alamogordo, New Mexico

Occupation and hobbies:

Comments of Interrogator relative to intelligence and character of observer(s):

NARRATIVE SUMMARY: On 3 February 1949, the writer, accompanied by Mrs. [redacted] Street, Alamogordo, New Mexico and Mrs. [redacted] Michigan Avenue, Alamogordo, New Mexico, attempted to locate in the White Sands National Munument the spot from which the object has been sighted on 30 January 49 at approcimately 1755 hours. Because of the many devious turns of the road, only an approximate location could be established. Through the use of a transit the following readings were obtained: Location 33 49' North and 106 13' West.

A. Mr [redacted]
First sighted object: 55° Magnetic North and 12° elevation
Last sighted object: 60° Magnetic North and 10° elevation

B. Mrs. [redacted]
First sighted object: 68° Magnetic North and 20° elevation
Last sighted object: 80° Magnetic north and 19° elevation

C. Mrs. [redacted]
First sighted object: 65° Magnetic North and 11° elevation
Last sighted object: 72° Magnetic North and 8° elevation

All of the above concurred in the description of the object as being single, bright burning object, which was in view approximately 3 seconds. Body had a gentle downward glide and seemed to fizzle out with the light becoming less intense and finally disappearing altogether. Angle of elevation was estimated above the transit and one would venture a guess as to the distance of the object. Original statements were to the effect that object appeared to be between the Base and the White Sands, located to the West of the Base.

INCIDENT NO. 246 J

1. Date of Observation 30 Jan 49 Date of Interview 30 Jan 49
2. Exact time (local) minute or so before 1855
3. Place of Observation 2912 Simondale, Fort Worth, Texas
4. Position of observer Ground
5. What attracted attention to object & - Mrs. Davis
6. Number of objects one
7. Apparent size
8. Color of object Green flame
9. Shape Green flame
10. Altitude First seen at 6° Last seen 3-1/2° or lower
11. Direction from observer First seen 298° Last seen at 274°
12. Distance from observer
13. Direction of flight of object(s) north to south with 30° downward trajectory
14. Time in sight 1.8 second
15. Speed
16. Sound and dor
17. Trail Trailing sparks
18. Luminosity
19. Projections
20. Maneuvers Straight flight 30° downward trajectory
21. Manner of disappearance
22. Effect on clouds
23. Additional information concerning object
24. Weather conditions

(over)

Name and address of observer: [redacted]

Occupation and hobbies:

Comments of Interrogator relative to intelligence and character of observer(s):

NARRATIVE SUMMARY:

The first telephone call to Mr. [redacted] was from a Mr. [redacted] who telephoned at 1855 plus 20 seconds (time is exact since [redacted] watch was checked with WWV shortly before this call) to report that he had seen a green flame trailing sparks going from North to South in the West. This occurance had happened a minute or so prior to his telephone call. The observation had been made from the residence of [redacted] Fort Worth, Texas. The green flame appeared to have a trajectory of approximately 30 degrees downward from the horizontal. Mr. [redacted] with reference to this call interviewed a Miss Patti Davis.

INCIDENT NO. 246 K

1. Date of Observation 30 Jan 49 Date of Interview _____
2. Exact time (local)
3. Place of Observation Big Springs Municipal Airport, Big Springs, Texas
4. Position of observer Control Tower
5. What attracted attention to object & -
6. Number of objects
7. Apparent size
8. Color of object
9. Shape
10. Altitude 20°
11. Direction from observer First seen 355° slightly north of WNW
12. Distance from observer
13. Direction of flight of object(s) North to South .
14. Time in sight 5-7 seconds
15. Speed
16. Sound and /or
17. Trail
18. Luminosity
19. Projections
20. Maneuvers
21. Manner of disappearance
22. Effect on clouds
23. Additional information concerning object
24. Weather conditions

(over)

Incident: 2,6 X

Name and address of observer: [redacted] and others, Big Springs, Municipal Airport, Big Springs, Texas

Occupation and hobbies:

Comments of Interrogator relative to intelligence and character of observer(s):

NARRATIVE SUMMARY:

On the night of 30 January 1949, Mr. [redacted] placed a telephone call to Big Springs Municipal Airport, Big Springs, Texas, and spoke to a Mr. [redacted] who, together with two others, was in the control tower at the air field and aboserved the phenomena. His observations placed the beginning point at about 5 degrees West of North and the end point slightly north of West of Northwest. The exact duration was between 5 and 7 seconds. The altitude was considered to be about 20 degrees above the horizon. The course was from North to South.

INCIDENT NO. 246 L

1. Date of Observation 30 Jan 49 Date of Interview Early Feb
2. Exact time (local)
3. Place of Observation Meacham Field, Fort Worth Texas
4. Position of observer Control Tower
5. What attracted attention to object(s) -
6. Number of objects one
7. Apparent size
8. Color of object Green (as runway lights)
9. Shape Fireball
10. Altitude 13° when first seen
11. Direction from observer 296° when first seen 270° when last seen
12. Distance from observer
13. Direction of flight of object(s)
14. Time in sight 2.4 seconds
15. Speed
16. Sound and Odor
17. Trail
18. Luminosity
19. Projections
20. Maneuvers
21. Manner of disappearance
22. Effect on clouds
23. Additional information concerning object
24. Weather conditions

(over)

Incident: 2.4 I.

Name and address of observer: Mr. [redacted], CAA, Control Tower, Meacham Field, Fort Worth, Texas

Occupation and hobbies: Control Tower Operator

Comments of Interrogator relative to intelligence and character of observer(s):

NARRATIVE SUMMARY:

Mr. [redacted] was interviewed early in February by Mr, [redacted], since he discovered that MAXWELL was on duty in the CAA Control Tower at Meacham Field, Fort Worth, Texas, during the time of the occurrance of the phenomena and had observed it. [redacted] observations were rehearsed in the control tower and from this it was determined that the indicated beginning point was approximately North 64 degrees West, true, at an altitude of about 13 degrees and that the end point was approximately due west but no altitude was determined due to extraneous lights in the vicinity of the air field, The duration of the observation was considered to be about 2.4 seconds. The color of the "Fireball" was compared as similar to the green of the runway lights. [redacted] did not see any terminal flare.

INCIDENT NO. 246 M

1. Date of Observation 30 Jan 49 Date of Interview _____

2. Exact time (local) Approximately 1900

3. Place of Observation Between Handley and Fort Worth, Texas

4. Position of observer Ground (in auto)

5. What attracted attention to object & -

6. Number of objects

7. Apparent size

8. Color of object

9. Shape Sulphurous Green Ball of Fire

10. Altitude

11. Direction from observer West

12. Distance from observer

13. Direction of flight of object(s) North to South

14. Time in sight

15. Speed

16. Sound and odor

17. Trail

18. Luminosity

19. Projections

20. Maneuvers

21. Manner of disappearance Disintegrated slightly North of due West (15° N of moon 10° lower than Moon) Prior to breaking up color changed from green

22. ~~xxxxxxxxxxxxxxx~~ to orange yellow. Disintergration appeared similar to rocket burst.

23. Additional information concerning object

24. Weather conditions

(over)

Incident: ~~2 Jan 49~~

Name and address of observer: Mr. [redacted] and Brother
[redacted], Fort Worth, Texas

Occupation and hobbies:

Comments of Interrogator relative to intelligence and character of observer(s):

NARRATIVE SUMMARY:

MR. [redacted], Fort Worth, Texas, reported at a later date, that he was driving with his brother in a car on the highway from [redacted] to Fort Worth, Texas, at approximately 1900 hours, 30 January 1949, and saw a sulphurous, green ball of fire moving from North to South in the West just prior to its apparent disintegration which occurred slightly North of due West and about 15 degrees North of the moon and 10 degrees lower than the moon. Justprior to disintegration the color changed from green to an orange-yellow and then to a deep red color. According to the observer the disintegration appeared similar to a rocket burst.

INCIDENT NO. ~~246 N~~

1. Date of Observation ~~30 Jan 49~~ Date of Interview ~~30 Jan 49~~
2. Exact time (local)
3. Place of Observation **Fort Worth, Texas**
4. Position of observer **Ground (thru window)**
5. What attracted attention to object & -
6. Number of objects
7. Apparent size **wider than full moon.**
8. Color of object **Blue**
9. Shape **Blue streak coming to point at rear**
10. Altitude **high**
11. Direction from observer **West**
12. Distance from observer
13. Direction of flight of object(s) **North to South**
14. Time in sight **1-2 seconds**
15. Speed
16. Sound and Odor
17. Trail
18. Luminosity
19. Projections
20. Maneuvers
21. Manner of disappearance
22. Effect on clouds
23. Additional information concerning object
24. Weather conditions

(over)

Incident: 2:6 N

Name and address of observer: Mrs. [redacted], Lake Worth, Fort Worth, Texas

Occupation and hobbies: Works at Casino

Comments of Interrogator relative to intelligence and character of observer(s):

NARRATIVE SUMMARY:

The third call received 30 January 1949, was from a Mrs [redacted] who is employed at a casino at Lake Worth, Fort Worth, Texas. Mrs. [redacted] reported that she had observed a blue streak through a West window of the casino which started high in the sky and proceeded from North to South ending approximately in the West. This blue streak was quite wide appearing wider than a full moon. The streak came to a point at its rear end. The duration was approximated as being approximately 1 to 2 seconds. Mr. [redacted] did not contact Mrs. MILLS.

INCIDENT NO. ~~246~~ 9

1. Date of Observation ~~30 Jan 49~~ Date of Interview _____
2. Exact time (local)
3. Place of Observation **Burton Hill Road, Fort Worth, Texas**
4. Position of observer **Ground**
5. What attracted attention to object & -
6. Number of objects
7. Apparent size
8. Color of object **Real Bright Green**
9. Shape **Real bright green burst followed by a lot of sparks**
10. Altitude
11. Direction from observer **west**
12. Distance from observer
13. Direction of flight of object(s)
14. Time in sight
15. Speed
16. Sound and/or
17. Trail
18. Luminosity
19. Projections
20. Maneuvers
21. Manner of disappearance
22. Effect on clouds
23. Additional information concerning object
24. Weather conditions

(over)

Incident: ~~246-0~~

Name and address of observer: Mrs. [redacted] Fort Worth, Texas

Occupation and hobbies:

Comments of Interrogator relative to intelligence and character of observer(s):

NARRATIVE SUMMARY:

The second call received on 30 January 1949, was from a Mrs. [redacted] who resided at [redacted], Fort Worth, Texas, who reported a real bright green burst seen in the West followed by a lot of little sparks. Mr. [redacted] did not contact Mrs. [redacted] personally as her finformation given over the telephone was not considered sufficiently detailed to warrant additional investigation.

246P

INCIDENT NO. ~~XXXXXXXX~~

1. Date of Observation 30 Jan 49 Date of Interview 1 Feb. 49
2. Exact time (local) Around 1855
3. Place of Observation 2912 Simondale , Fort Worth, Texas
4. Position of observer Ground
5. What attracted attention to object & -
6. Number of objects 1
7. Apparent size 1/2 to 1/3 size of Full Moon.
8. Color of object Green
9. Shape Fireball.
10. Altitude First seen 6° ~~XXXXX~~ Last seen 3 1/2°
11. Direction from observer
12. Distance from observer
13. Direction of flight of object(s)
14. Time in sight
15. Speed
16. Sound and/or
17. Trail
18. Luminosity
19. Projections
20. Maneuvers
21. Manner of disappearance
22. Effect on clouds
23. Additional information concerning object
24. Weather conditions

(over)