#### PROJECT 10073 RECORD CARD

1. DATE 2 Aug 16 56	2. LOCATION     Amarillo, Texas     4. TYPE OF OBSERVATION     XR Ground-Visual   Ground-Radar     D Air-Visual   D Air-Intercept Radar     6. SOURCE     civilian		12. CONCLUSIONS   Was Balloon   Probably Balloon   Possibly Balloon   Possibly Balloon   Probably Aircraft   Probably Aircraft   Possibly Aircraft   Possibly Aircraft   Probably Astronomical   Probably Astronomical   Possibly Astronomical   Pos
3. DATE-TIME GROUP  Local 0400  GMT 02/1000Z			
S. PHOTOS  Pros  No			
7. LENGTH OF OBSERVATION 2 hrs 15 mins	8. NUMBER OF OBJECTS one	9. COURSE	Other HOAX Insufficient Data for Evaluation Unknown
Lights appearing as a cloud formation observed and photographed.		Extenuating circumstances. No reference point in photo. Suspected hoax.	

ATIC FORM 329 (REV 26 SEP 52)

16 May 1960

Dear Mr.

This is to acknowledge your letter of 17 March and the questions concerning unidentified flying objects.

It must be assumed that the much publicized Washington radar sighting of 19 July 1952, is the one in questions. This case was determined to be targets caused by a temperature inversion.

There is no record in the Air Force files of a sighting at Kinross AFB on 23 November 1953. The Kinross case, as outlined in several books and other publications on UFO's, states that an aircraft was carried away by an inidentified flying object. There is no case in the files which even closely parallels these circumstances.

The objects on the film taken at Tremonton, Utah on 2 July 1952, were determined to be birds, probably sea gulls.

The Air Force is not aware of any release date for the photograph taken by Mr. The original was in the hands of the owner and he was free to do with it as he pleased.

Air Force experience has been that there is no increase in radiation due to unidentified flying objects. It should be understood that the normal background for any area may fluctuate a few hundredths of a milliroentgen, this is considered normal and constitutes no danger what-soever.

The Air Force is not aware of any statement, official or otherwise, by a government agency to the effect that UFO's are space ships.

The Air Force has no specific knowledge of infrared tracking of unidentified flying objects.

The Air Force file contains no record of a report at Barber's Point, Pearl Harbor on 6 August 1953, in fact, no report from Hawaii for the entire month of August 1953.

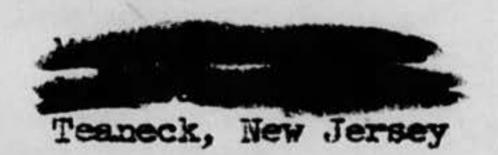
For the most part, information concerning UFO reports is available to the public, but due to required classification, some are not. It is the Air Force opinion that the best answer is contained in the question itself. These sightings are intelligence reports, and as such, in certain instances contain other information apart from the UFO portion which may require classification.

The Air Force is open minded on the subject of space travel, and aware that space visitors are a possibility. The present Air Force position is not to deny this possibility, but rather to state that to date no evidence has been discovered to substantiate that UFO's are interplanetary or interstellar space ships.

No lumar exploration, telescopic or space probe, has revealed any additional information concerning UFO's.

Sincerely,

LAWRENCE J. TACKER
Major, USAF
Public Information Division
Office of Information



10 42

oi-3d comeback oi-1 reader Dist Office No 23, OSI, 23D 24-0-229, Subj: Unidentified Flying Object (UFOB)

DO

1st Ind

2596th Air Reserve Flying Center, USAF, Hensley Field, Grand Prairie, Texas 31 AUG 1956

TO: Commander, Air Defense Command, Ent Air Force Base, Colorado

Forwarded in accordance with paragraph 7a(2)(a), Air Force Regulation 200-2, 14 August 1954.

FOR THE COMMANDER:

1 Incl n/c DECKER G. MCALLIS. 1st Lt, USAF Adjutant

35, 6 E 1 h 435

4602D AISS Classified

Document Log #7 58 0 8 7

T-56-232

Inc/ #6

## THE INSPECTOR GENERAL . OFFICE OF SPECIAL INVESTIGATIONS

District Office No. 23 - Carswell Air Force Base, Fort Worth, Texas JWF/VFS/mk

2 3 AUG 1958

23D 24-0-229

SUBJECT: Unidentified Flying Object (UFOB)

TO:

Commander
2596th Air Reserve Flying Center
Hensley Field
Grand Prairie, Texas

1. At 1330 hours, 5 August 1956, Mr.

Dallas, Texas, Telephone, , reported the following information to the OSI Detachment Office, Hensley Field, Grand Prairie, Texas, concerning the sighting of unconventional type aircraft:

advised that on 1 August 1956 as he was returning to Dallas, Texas from Colorado Springs, Colorado, via Amarillo, Texas, he had departed Amarillo at approximately 0400 hours on Route US 287. He averred that approximately ten (10) miles outside of Amarillo, he noted a bright green trajectory in the sky at about 10 o'clock, from an object which appeared to have landed just east of Amarillo, Texas and north of Highway 287. Shortly thereafter, he observed another trajectory, similar to the first, which emanated from a bright light in the sky, observed approximately 30 minutes advised that this light appeared in a cloud formation, the height of which he estimated to be approximately 10,000 to 20,000 feet. Further, that this cloud formation was approximately 50 miles in length from north to south and a lesser distance in width running east to west. Never did the phenomenon appear to descend below the level of the cloud base and moved intermittently within the cloud formation and on various occasions would move outside the extreme ends of the cloud running north to south. No sound was audible at any time during either the trajectory or the movement of the object itself.

4602D AISS Classified 3 8 3 6 Document Log # 56 0 8 7 0

HF-56-232

Hq 23d Dist OSI, Carswell AFB, Texas, file 24-0-229, Subject: Unidentifiable Flying Objects (UFOB)

The phenomenon appeared to be the size of a grapefruit and appeared in brilliance equal to the ignition of phosphorus, giving a brilliant beam of light both above and below the phenomenon itself, but never both beams simultaneously. At various times, a faint trace of red, varying its position on the phenomenon, was observed. The object appeared to be extremely navigable, inasmuch as it appeared in various places in the cloud formation. The object was observed intermittently by and his wife between Amarillo and Memphis, related that they departed Amarillo at 0400 hours and arrived in Memphis at 0615 hours. further related the second trajectory appeared 10 to 20 feet from the first trajectory. According to the cloud formation was moving rapidly and upon his arrival at Memphis, Texas, the formation had begun to disintegrate. As daylight approached, the phenomenon appeared to be ascending into the heavens, where it was the approximate size of a star and no longer visible through the clouds, but visible outside the cloud formation. During the two (2) hours and fifteen (15) minutes that the phenomenon was observed, advised that as it moved to the open spaces within the cloud formation, its brilliance would illuminate these portions within the cloud structure. As it proceeded through the clouds to the opposite outer extremities, no illumination was visible within the cloud structure. a World War II Bomber Pilot, who flew B-17 type aircraft, with the Eighth Air Force, advised that in his experience with aircraft, weather conditions, etc, he had never observed anything comparable with this phenomenon.

A photograph of instant phenomenon taken by with a Kodak 620 Camera is attached as an inclosure. Dadvised that he would retain the negative of the photograph taken. Further, that he would cooperate with the USAF authorities in any way possible.

- 2. The above information was furnished the Dallas Field Office, FBI, by on 2 August 1956.
- 3. This information is forwarded for your appropriate action in accordance with paragraph 7, AFR 200-2, dated 12 August 1954.

4602D AISS Classified

hauserilos# .. 56 0 8.7

Hq 23d Dist OSI, Carswell AFB, Texas, file 24-0-229, Subject: Unidentifiable Flying Object (UFOB)

- 4. On 20 August 1956, the files of the FBI, Dallas, Texas, were reviewed with the assistance of EDWIN KUYKENDALL, Special Agent, FBI, and failed to reflect any record of
- 5. This letter is classified CONFIDENTIAL pursuant to the authority contained in paragraph 30c(2)(a), AFR 205-1.

JOHN W FARRELL Lt Colonel, USAF District Commander

1 Incl Photograph cc: Dir OSI FBI, Dallas

Detco, Hensley

T-56 - 30383-4

45029 ALLS Classified

15 January 1957

MEMORANDUM FOR UFO FILES

SUBJECT: Late Receipt of UFO Reports

- 1. This isone of six (6) UFO reports submitted under one cover letter by the 4602d AISS, who received them from the OSI. Reference "4602d AISS File," letter dated 26 December 1956, subject: "OSI UFOB Reports."
  - 2. Received by ATIC on 3 January 1957.
- 3. Reports range from almost two years (February 1954) for the oldest, to over 7 months for the newest (august 1956). It appears that the OSI had 'pigeonholed' the reports for some unknown reason before submitting them to the 4602d AISS.
- 4. The very latedate of receipt makes investigations or conclusive analysis difficult, if not impossible. A preliminary evaluation made of each and entered in UFO files.

GEORGE T. GREGORY

Captain USAF

Janes Vince

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UFO next from OSI, dtd 23 ang 56

ATIC

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TO COMDR ATIC WPAFB OHIO

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22 659 FROM AKPSIGT

REFERENCE AFOIN-4E4-2-233-E. NO ARTILLERY FIRING WAS
CONDUCTED DURING PERIOD 2400 HOURS 31 JULY 1956 TO 0 600 HOURS
1 AUGUST 1956. ARTILLERY FIRING OF 105MM ILLUMINATING ROUNDS
WAS CONDUCTED FROM 1830 HOURS 31 JULY 1956 TO 2400 HOURS 31 JULY
1956. MALFUNCTION OF ILLUMINATING ROUND COULD PRODUCE A
PRILLIANT FALLING LIGHT FROM ALTITUDES AS HGH AS 6000 FEET;
HOWEVER, NO HIGH ALTITUDE TRAILS OR JET EXHAUSTS WOUD, BE
PRODUCED.

BT

CFN 2 20 659 AFOIN-4E4-2-233-E 2400 31 1956 0600 1 1956 105MM 1800 31

1956 2420 31 1956 6000

21/20052

Comment. Must ensidenthe fact that Observer may have leen erronems as to themen.

AFOIN-4E4, Subj: Review and Analysis - UFO Photo

TO: AFOIN-4E4

FROM: AFOIN-4D2

DATE: 21 Mar 57 COMMENT NR 3 AFOIN-4D2a/Major Willner/pam 52173/B263/Rm B6 S

1. In reply to request, the following answers are given to questions stated in par 7.b. basic DF:

- a. Question 1. Object cannot be identified from photograph. Cause of the apparent "trail" is unknown. (UNCL)
- b. Question 2. No calculations of length of "trail" were made because of lack of reference points. Description of size of phenomenon, distances involved and relationship of trajectories should be further clarified, i.e., size of a grapefruit at arms length, at 10 feet, a definite distance. (UNCL)
- c. Question 3. The original negative should be obtained for physical inspection and controlled density printing. Additional prints may reveal details not shown on the single print. (UNCL)
- d. Camera information (focal length, shutter setting, negative size) should be obtained. Duration of the exposure should be known in order to determine if "trail" is the result of an object in motion or a definite trail. (UNCL)

2 Incls

WILBER PRICE, JP.

SUBJ: Review and Analysis - UFO Photo

THRU: AFOIN-AD2a FROM: AFOIN-4F3

DATE: 15 Mar 57 COMMENT, NR 2 AFOIN-4F3c/Wm Mleczko/js

54186/Bldg 263/Rm Al2

Major Willner AFOIN-4E4 TO:

1. In reply to your request AFOIN-4F3 submitts the following in answer to questions 1, 2 and 3, respectively:

#### a. Question No. 1

- (1) At first appearance the indication on the photograph does resemble the characteristic "zig-zag" vapor trail that is usually created by a ballistic missile during its ascent. However, vapor trails of this type appear rather suddenly and appear only in a specific strata which depends on the weather condition of the atmosphere at that time. This strata may lie between 20,000 - 45,000 feet. This trail is dispersed into its characteristic form in a matter of seconds; within minutes it is diffused into an unrecognizable form.
- Ballistic missiles, and on some occasions surface-to-air missiles, are expected to create vapor trails such as described above. The time of powered flight of these missiles is measured in seconds and any hovering or rapid dynamic gyrations are not to be expected.
- (3) Cruise missiles which might be seen at the altitudes reported would, during the period of observation, cover a range between 600 - 1200 nautical miles and could not be tracked by an observer for the entire period.
- (4) The opinion of this office is that the object as described is not a missile or any rocket propelled type device. The object or phenomena cannot be identified by AFOIN-4F3c.

#### b. Question No. 2

- (1) There are no missile launching sites in the area where the object was observed.
- c. Question No. 3

There is no knowledge of any missile firings which have departed from the test range area at the time described by source.

2. The contents of this comment are classified CONFIDENTIAL.

That Chias Man JAMES C. MANATT Lt Colonel, USAF AFOIN-4F3

This CASE INcludes

Two (2) 41/2" × 41/2" photos

and one (4) newspaper

Clipping.

THE RESERVE OF THE PARTY OF THE

# 40 1 x 2 4

Hq 23d Dist OSI, Carawell AFB, Fexas, file 24-0-229, Subjects Unidentifiable Flying Objects (UFOB)

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The phenomenon appeared to be the size of a grapefruit and appeared in brilliance equal to the ignition of phosphorus, giving a brilliant beam of light both above and below the phenomenon itself, but hever both bearns simultaneously. At verious times, a faint trace of red, varying its position on the phenomenon, was observed. The object appeared to be extremely navigable, inasmuch as it appeared in various places in the cloud forms son. The object was observed intermittently by and his wife between Amarillo and Memphis, Texas. I related that they aparted Amarillo at 0400 hours and arrived in Memphis at 0615 hours, further related the second trajectory appeared 10 to 20 feet from the first trajectory. According to the cloud formation was moving rapidly and upon his arrival at Memphis, Texas, the firmation had begun to disjutegrate. As daylight approached, the phenomenon appeared to be ascending into the heavens, where it was the approximate size of a star and no longer visible through the clouds, but visible outside the cloud formation. During the two (2) hours and fifteen (15) minutes that the phenomenon was observed. I advised tha fas it moved to the open spaces withinthe cloud formation, its brilliance would illuminate these portions with-In the cloud structure. As it proceeded through the clouds to the opposite outer extremities, no illumibation was visible within the cloud structure. a World War II Bomber Pilot, who flew B-17 type aircraft, with the Eighth Air Forte, advised that in his experience with aircraft, weather conditions, etc. he had never observed anything comparable with this phenomenon.

A photograph of instabl phenomenon taken by Kodak 620 Camera is attached as an inclosure. he would retain the negative of the photograph taken. Further, that he would cooperate with the USAF authorities in any way possible.

- . 2. The above informations was furnished the Dallas Field Office, FBI, by on 2 August 1958.
- 3. This information is forwarded for your appropriate action in accordance with paragraph 7, AFR 200-2, dated 12 August 1954

THE RESIDENCE OF STREET PROPERTY AND ADDRESS OF THE PROPERTY ADDRESS OF TH COMMERCIAL SPIRE SECTION AND ADDRESS OF THE PROPERTY OF THE PR Hq 23d Dist OSI, Carswell AFB, Cars, file 24-0-229, Subjecti.
Unidentifiable Flying Object (UFON)

- 4. On 20 August 1956, the Bles of the FBL Dallas, Texas, were reviewed with the assistance of EDWIM KUTKEMBALL, Special Agent, FBL, and failed to reflect say record of
  - 5. This letter is classified CONFIDENTIAL pursuant to the authority contained in paragraph 3 (c(2)(a), AER 205-1.

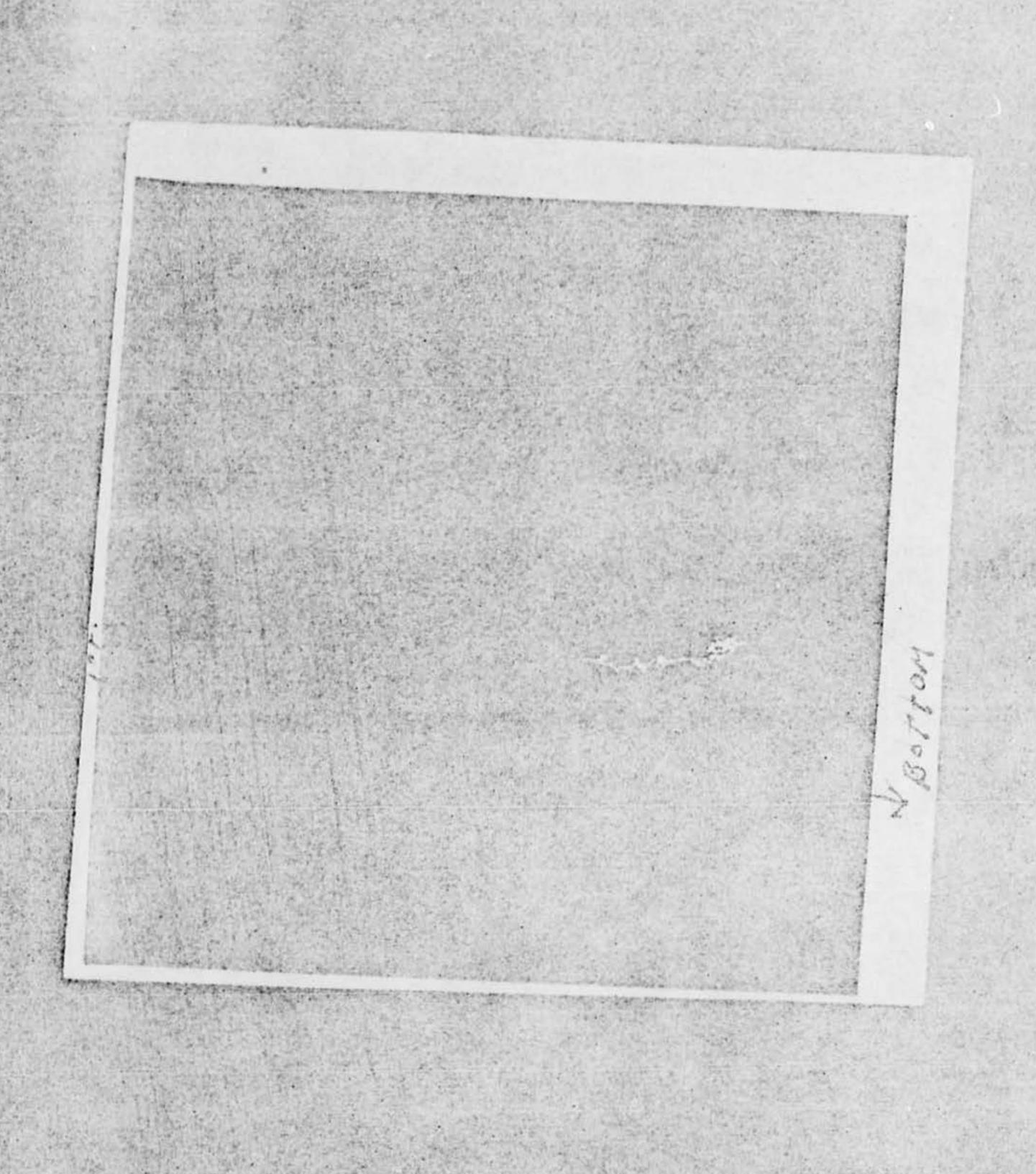
JOHN W. FARRELL

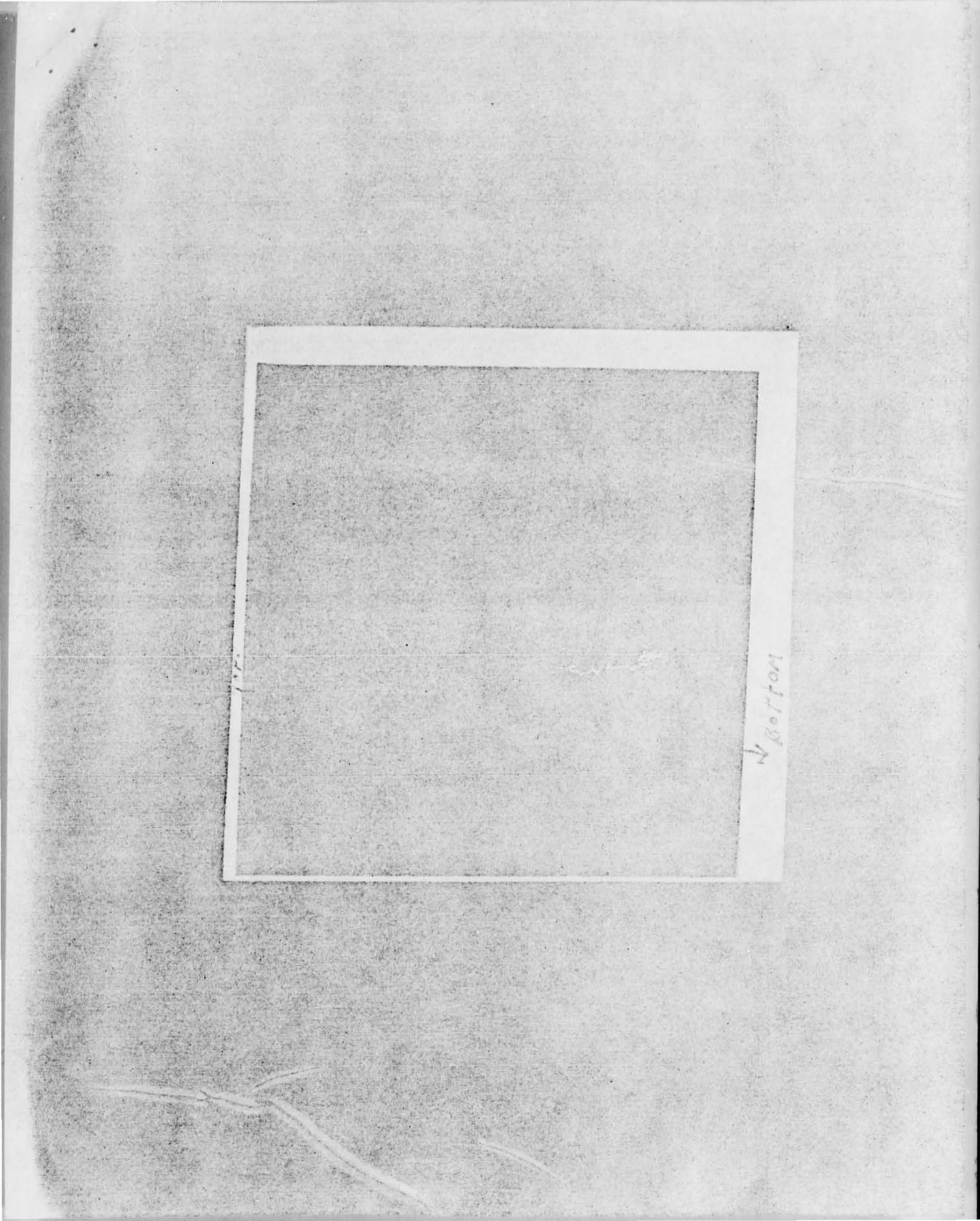
Lt Colonel, USAF
District Commander
Photograph
cc: Dir OSI
FBL Dallas

Detco, Hensley

Warrance plante was some or market respective

Incl 1. Photograph







Associated Press

J. G. Kirby of Dallas made this photo of a diamond shaped object flying through the sky white he and his family were driving near Amarillo, Tex., in August, 1956. The photo was turned over to the FBI and has just been released after intensive study. The Air Force described the glow as "radiation vapor."

### DISPOSITION FORM

FILE NO.

SUBJECT Review and Analysis - UFO Photo

AFOIN-4F3 (In Turn) AFOIN-4Dea

FROM AFOIN-4E4

DATE 15 Feb 57 67 COMMENT NO. 1 4E4/Capt G.T. Gregory/wm 69216

ATTN: Major Willner

- I. Request your review and analysis of attached photograph and copy of original report.
- 2. A microscopic examination discloses that the photo is not "doctored", and apparently not an emulsion flaw.
- 3. The absence of any horizon, objects or perspective for contrast or comparison purposes makes analysis somewhat difficult. In the opinion of this office, and based upon numerous still and motion pictures of guided missile launchings, the trails shown here appear to be similar to those left in the wake of missiles.
- 4. The zig-zag, overlapping lines are those generally formed by the variable winds encountered by missiles in their trajectory at various altitudes. The pattern of these lines is not characteristic of lightning flashes, ruling out that phenomenon.
- 5. Information available to this office indicates that the closest missile launching site to observer's location is White Sands, New Mexico, a distance of approximately 300 miles from Amarillo.
- 6. Attached report indicates that the observer was facing in an almost directly opposite direction from White Sands; and that the sharpness of the trail pattern leads one to believe that it was much closer to observer.
- 7. Therefore, on the basis of the above, the following are submitted for specific consideration:
  - a. 4F-3 (1) Whether the missile assumption is valid.
    - (2) Whether there are (or were) any missile sites or operations in the general direction or vicinity reported.
    - (3) Any knowledge of missile firings, which a missile firing is known to have departed from its designated course, within the particular time period given, which might explain the phenomenon.
  - b. 4D-2a (1) Specific comments as to the cause or identify of object in photograph.
    - (2) Estimated distance of the trail (assuming missile hypothesi using characteristics of camera equipment used).



# U. S. GOVERNMENT PRINTING OFFICE: 1952

D , FEB 50 96

DF, Cmt #1, to AFOIN-4F3, AFOIN-4D2a (In Turn), 15 Feb 57, Subject: Review and Analysis - UFO Photo

(3) Possibility of object being fuzz, lint or some similar object cleverly photographed against a dark background, i.e., a hoax.

(4) Other pertinent remarks or calculations for entry into UFO File.

2 Incls

1. Cy ltr, undtd, UFO Rpt (T56-30383-1)

2. 1 env containing photos

HENRY & MILEY
AFOIN-4E4



UNIVERSITY OF MICHIGAN

ENGINEERING RESEARCH INSTITUTE

TELEPHONE

ADDRESS REPLY TO:

2947

13 December 1957

Department of the Air Force Director of Intelligence Washington 25, D. C.

Dear Sir:

Enclosed is a clipping from our local newspaper regarding the appearance of radiation vapor recently seen in Amarillo, Texas.

A faculty member has taken issue with this photograph. He feels that in view of the many perfect cubes and further since the photographer is a lapidarist, he is of the opinion that it is a trick photograph made with stones or with a lavaliere. The information is volunteered as an effort to assist the Air Force in this investigation and further to prevent lost time in pursuing false leads.

Sincerely yours,

Joseph J. Keeley University Research Security Officer

JJK:ej Enclosure

Amarillo, Texas

Dallas Morning News printed a photograph, taken August 2nd, 1956, of a zig-zag trail left by an object seen near Amarillo, Texas by Dallas rock and gem collector J. G. Kirby and his family.

## Former Bomber Pilot Took Photo Of Strange Sky Object

DALLAS, Nov. 5, (AP)—
The Dallas Morning News
carried a picture today of a
strange light a former bomber pilot said he took over
west Texas a year ago.

J. G. Kirby, a Dallas rare rocks and gem expert, said he took the picture near Amarillo at 4 a.m. And 7. 1956. He said the picture and story were held up by the FBI and Air Force authorities until a few days ago.

War II, told the News he and his wife and two children spotted the light while on rock hunting expedition.

He said he snapped the picture with a small camera and called the FBI on his return to Dallas.

He said he had a visit from an agent who studied the ricture and conferred with authorities at nearby Heasley Field.

He said authorities told him only recently he no longer had to keep the photo and story quiet. Kirby said the Air Force theorized the glow was radiation vapor.

57



C .

2 AUF JEX

Dear Sirs:

There are several questions concerning unidentified flying objects that I would like to have answered.

- What is the official explanation of the 1952 Washington D.C. sightings?
- Did an F-89 Air Force plane merge with an unidentified blip near Kimross Air Force
  Base on November 23,19532
- What is the explanation or conclusion reached the concentration of the C.F.O. Film taken at Tremontan,
- In the photograph taken by near near Amerillo, Texas on Augest 2,1956 was caused by radiation vapor?
- Why was this photograph released over one
- Has there been an increase in radiation levels when unknown serial objects are reported?
- Z Is EdwardSuppelt's statement that a report was released concluding that U.F.O's are space ships accurate?
- Has there been infrared tracking of unidentified lighting objects?
  - the U.F.C. report at Barber's Point, Pearl Harbor
- Why are Air Force Intelligence reports of U.F.D.s unobtainable by thr public?
- Does the Air Force rule out the possibility that U.P.O.s are interplanetary or interstellar space ships?
- 7 Was any information about U.F.O.s obtained duringg the Air Force lunar exploration program?

I will appreciate a prompt reply to these inqueries.

1362 Van Dayn Place Teansck, N.J. Sincerely,

# AEROSPACE TECHNICAL INTELLIGENCE CENTER UNITED STATES AIR FORCE WRIGHT-PATTERSON AIR FORCE BASE OHIO

ATTH OF: AFCIN-LE2

SUBJECT: Request for UFO Information (Mr Richard Levine)

STATE OF THE PARTY OF THE PARTY

2 9 APR 1960

to: SAFOI-3d (Maj Tacker)

- 1. The following are suggested answers to the questions penned by Mr Levine in the attached letter:
- a. It must be assumed that the much publicized Washington radar sighting of 19 July 1952, is the one in question. This case was determined to be targets caused by a temperature inversion.
- b. There is no record in the Air Force files of a sighting at Kinross AFB on 23 November 1953. The Kinross case, as outlined in several books and other publications on UFO's, states that an aircraft was carried away by an unidentified flying object. There is no case in the files which even closely parallels these circumstances.
- were determined to be birds, probably sea gulls.
- d. The Air Force file carries no conclusion on the photograph taken by Mr near Amarillo, Texas on 2 August 1956. Not knowing what radiation vapor is, it is the Air Force opinion that some spokesman at the time speculated that the object was an irradiated vapor trial and was hearth. It will mis-quoted.
- e. The Air Force is not aware of any release date for the photograph taken by Mr . The original was in the hands of the owner and he was free to do with it as he pleased.
- f. Air Force experience has been that there is no increase in radiation due to unidentified flying objects. It should be understood that the normal background for any area may fluctuate a few hundredths of a milliroentgen, this is considered normal and constitutes no danger whatsoever.
- g. The Air Force is not aware of any statement, official or other-wise, by a government agency to the effect that UFO's are space ships.
- h. The Air Force has no specific knowledge of infrared tracking of unidentified flying objects.
- i. The Air Force file contains no record of a report at Barber's Point, Pearl Harbor on 6 August 1953, in fact, no report from Hawaii

for the entire month of August 1953.

- j. For the most part, information concerning UFO reports is available to the public, but due to required classification, some are not. It is the Air Force opinion that the best answer is contained in the question itself. These sightings are intelligence reports, and as such, in certain instances contains other information apart from the UFO portion which may require classification.
- k. The Air Force is open minded on the subject of space travel, and aware that space visitors are a possibility. The present Air Force position is not to deny this possibility, but rather to state that to date no evidence has been discovered to substantiate that UFO's are interplanetary or interstellar space ships.
- 1. No lunar exploration, telescopic or space probe, has revealed any additional information concerning UFO's.
- 2. Mr. Levine's address is as follows:

Mr Richard Levine 1362 Van Duyn Place Teaneck, N. J.

FOR THE COMMANDER:

PHILIP G. EVANS

Colonel. USAF

Deputy for Sciences and Components

1 Atch:

Cy 1tr 17 Mar 60 fr Richard Levine

The state of the s