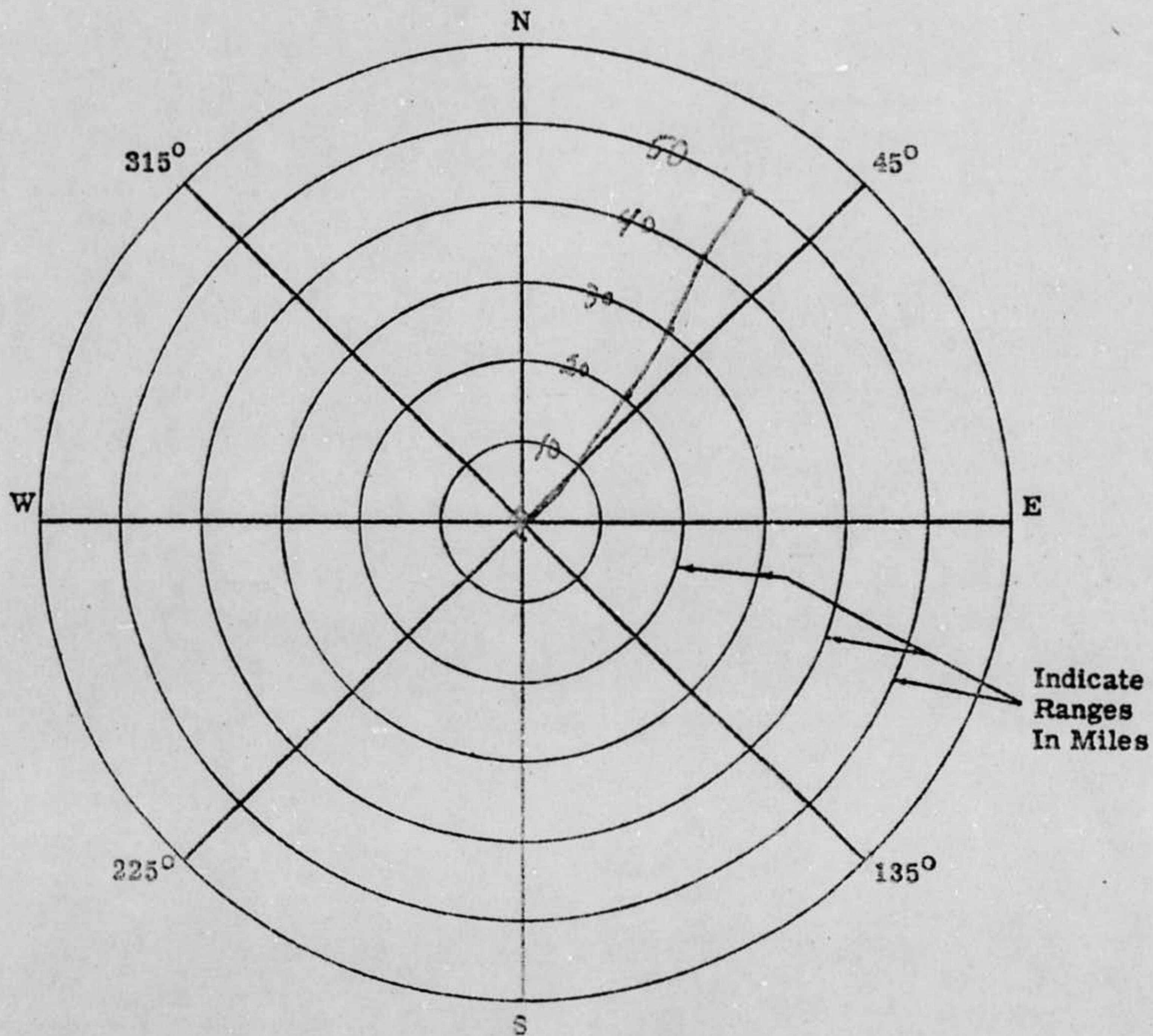


PROJECT 10073 RECORD CARD

1. DATE 4 August 1956	2. LOCATION Dallas, Texas		12. CONCLUSIONS <input type="checkbox"/> Was Balloon <input type="checkbox"/> Probably Balloon <input type="checkbox"/> Possibly Balloon <input checked="" type="checkbox"/> Was Aircraft <input type="checkbox"/> Probably Aircraft <input type="checkbox"/> Possibly Aircraft <input type="checkbox"/> Was Astronomical <input type="checkbox"/> Probably Astronomical <input type="checkbox"/> Possibly Astronomical <input type="checkbox"/> Other _____ <input type="checkbox"/> Insufficient Data for Evaluation <input type="checkbox"/> Unknown
3. DATE-TIME GROUP Local _____ GMT 04/1517Z	4. TYPE OF OBSERVATION <input checked="" type="checkbox"/> Ground-Visual <input type="checkbox"/> Ground-Radar <input type="checkbox"/> Air-Visual <input type="checkbox"/> Air-Intercept Radar		
5. PHOTOS <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6. SOURCE Civilian		
7. LENGTH OF OBSERVATION six minutes	8. NUMBER OF OBJECTS four	9. COURSE NE to S to NW	
10. BRIEF SUMMARY OF SIGHTING Four round, white, objects about size of a pea at arm's length. Objects were flying in formation, one in lead and three behind. Objects came from Northeast flying south and orbited over area where observers were standing; the continued flight to Northwest where they faded. Length of sighting was 6 minutes. Location of sighting was on the final approach for Love Field, Dallas.		11. COMMENTS Duration of sighting, course and maneuvering of object, manner of disappearance, formation, and location of sighting (airfield) strongly indicate that aircraft were responsible for this sighting. Evaluation of the sighting is "probable aircraft"	



INSTRUCTIONS: PLOT TRACK OF TARGET, INDICATE RANGE AND AZIMUTH. GIVE TIME AT START AND END OF TRACK.

COUNTRY United States of America	REPORT NO.	(LEAVE BLANK)
AIR INTELLIGENCE INFORMATION REPORT		
SUBJECT Follow up on UFOB report submitted on 11 Aug 56 Msg 745th ACWRON 08-033		
AREA REPORTED ON Dallas, Texas	FROM (Agency) 745TH ACWRON, Duncanville, Texas	
DATE OF REPORT 14 August 1956	DATE OF INFORMATION 11 August 1956	EVALUATION C 4
PREPARED BY (UNIT) ROBERT S KRAJOSIK A/IC INTEL TECH	SOURCE Civilian Personnel, Love Tower and 745th ACWRON	
REFERENCES (Control number, directive, previous report, etc., as applicable) UNCLAS MSG 745TH ACWRON, 08-033, 11/1919Z		

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

First report of UFOB was received by 1st Lt William Ebbinghouse, Director on duty at the time, from a Mr. [REDACTED], [REDACTED], Telephone [REDACTED]. Mr. [REDACTED] is a 22 year old, SMU College Student, who reported an unknown object over the White Rock Lake area. The object was first sighted at about 0400Z, object disappeared without sound. Reported to be about twice the size of the planet mars. This report was not investigated due to the unreliability of the report. However, the incident was passed to the Control Tech at Diploma. No Msg was sent to you Headquarters on this incident.

At approximately 0605Z, [REDACTED], Age unknown, called the GOC filter center in Dallas and reported sighting a unknown object over the North Dallas area, at this time I would like to bear out that during the past two and a half months there have been numerous reports from that section of town, some have been officially reported others have not, due to the lack of certain information. The object sighted by Miss [REDACTED] was also seen by other observers; [REDACTED] Age 23. Employed by Braniff Airways as a communication specialist, as well as [REDACTED] also employees of Braniff Airways. The object was sighted by Miss [REDACTED] at exactly 0620Z.

At approximately the same time of the day, "Utah", 745th ACWRON sighted a unknown aircraft or object on their Radar scope. The information pertaining to this sighting is forwarded in ADC Form 123. At the time of the sighting the Radar Scope camera was turned on and about 100 frames of 35mm film were taken of this unusual track. Film is enclosed. Track that was sighted by this station is in the same vicinity that the civilian personnel reported seeing their unknown object. Lines almost coordinate perfectly.

Love Field tower reported that they had no aircraft under control or in their traffic pattern at that time, they reported that several people had called them and reported that they had seen an unknown object, no names were received by this section to further investigate the report. Love tower reported that there was a possibility that it was a meteor that they had seen, but that it was doubtful.

2 INCL. Conad Form 6 and 35mm Film

DISTRIBUTION BY ORIGINATOR

COUNTRY United States of America	REPORT NO.	(LEAVE BLANK)
AIR INTELLIGENCE INFORMATION REPORT		
SUBJECT Follow up on UFOB report submitted on 11 Aug 56 Msg 745th ACWRON 08-033		
AREA REPORTED ON Dallas, Texas	FROM (Agency) 745TH ACWRON, Duncanville, Texas	
DATE OF REPORT 14 August 1956	DATE OF INFORMATION 11 August 1956	EVALUATION C 4
PREPARED BY (Name) ROBERT S KRAJCSIK A/1C INTEL TECH	SOURCE Civilian Personnel, Love Tower and 745th ACWRON	
REFERENCES (Control number, directive, previous report, etc., as applicable) UNCLAS MSG 745TH ACWRON, 08-033, 11/1919Z		

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2 INCL. Conad Form 6 and 35mm Film

DISTRIBUTION BY ORIGINATOR

NOTE: THIS DOCUMENT CONTAINS INFORMATION AFFECTING THE NATIONAL DEFENSE OF THE UNITED STATES WITHIN THE MEANING OF THE ESPIONAGE ACT, 50 U. S. C.—31 AND 32 AS AMENDED. ITS TRANSMISSION OR THE REVELATION OF ITS CONTENTS IN ANY MANNER TO AN UNAUTHORIZED PERSON IS PROHIBITED BY LAW. IT MAY NOT BE REPRODUCED IN WHOLE OR IN PART, BY OTHER THAN UNITED STATES AIR FORCE AGENCIES, EXCEPT BY PERMISSION OF THE DIRECTOR OF INTELLIGENCE, USAF.

ACTION

13 Aug 56 12 30

1-4E4

3 Area

(Handwritten initials)

(Handwritten notes)

JEDMI HA G WFDRAA YDNDSE WIND 2 WED 12 30

FF BOMBA BOMBA BOMBA

33 BOMBA 20

P 111137

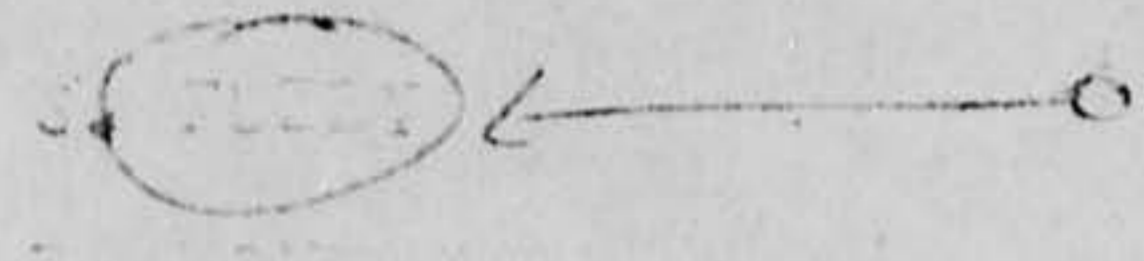
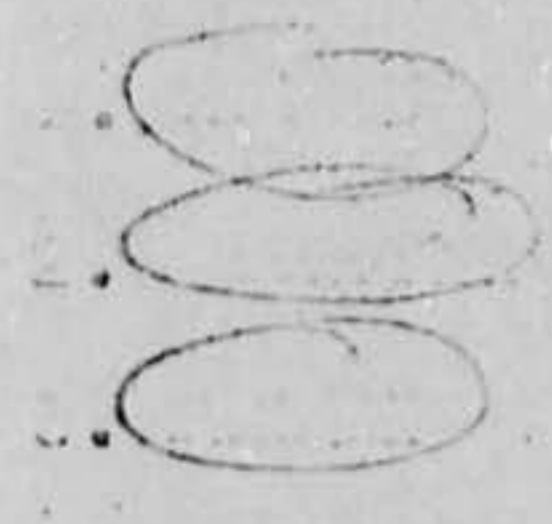
FM COMDR 745TH ACWON BUNGA VILLE TR

TO RUEPWA/DIE OF INTEL HQS USAF WAFB 25 BC

INFO RUEBWA/CC DR AIR JTF COMMAND COLLE BRINS COLO

RUEBWA/COMB1 WRIGHT AIR TACH GEN WRIGHT PATTERSON AFB OHIO

RUEBWA/COMB2 33B AFB ONOTV AFB OHIO



2

PAGE TWO BUREAU 21

1. SITTING IN EAST TOWER AND LOOKED UP
2. 4 DEGREES AT 100 DEGREES
3. 4 DEGREES AT 120 DEGREES

4 hours duration - no apparent movement

4. *WENT TO TOWER ON A STRAIGHT PATH *E to S*

5. STOPPED OBSERVING THE OBJECT, BUT NOT VISIBLE AT THE NEXT MOMENT

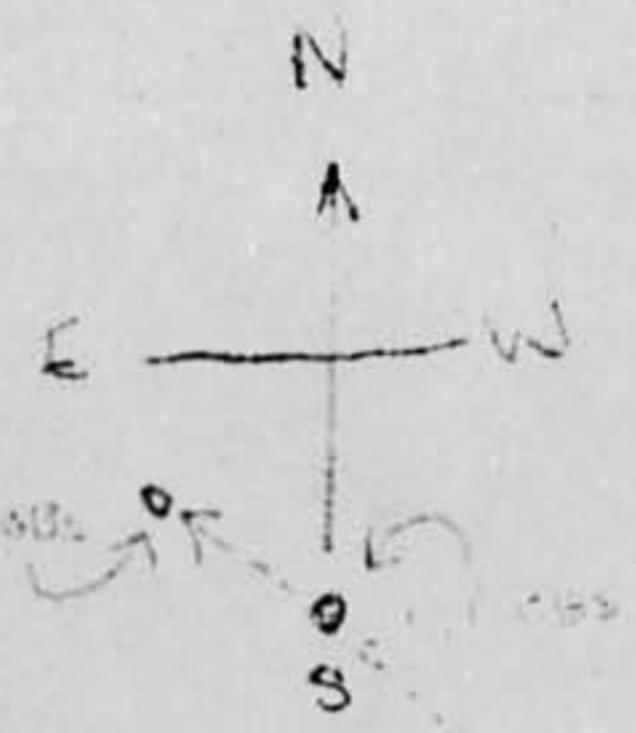
6. FOUR POINT *NOTE duration 4 hours!*

7. CIRCULAR VISUAL *circles (would be all right after)*

8. *horizontal*

@670 2 - 0 - 00 = 0130

9. *SC 21 213*



Note, Contradictory!

DOCUMENT RECEIPT		REGISTRY OR CONTROL NUMBER 432099	DATE DISPATCHED 15 Aug 56
TO: Commander Air Technical Intelligence Center Wright Air Force Base Ohio		FROM: (Return signed original receipt) Commander 745th ACWRON Duncanville, Texas	
<p>Each entry listed below will describe a document and its inclosures, and will be separated by a horizontal line drawn from margin to margin. Each entry will include:</p> <p>1. Description of Basic Material: File number, type (number of copies and copy numbers), source, addressee, date, subject (short title, if subject is classified).</p> <p>2. Number of Indorsements: Number of copies and copy numbers of each and other unclassified identifying data (as applicable).</p> <p>3. Number of Inclosures: Subject (short title, if subject is classified), and other unclassified identifying data, including number of copies and copy number of each (as applicable).</p> <p>4. Date of latest action.</p>			
<p>DESCRIPTION OF DOCUMENT(S) (Avoid any identification which might necessitate classification of this receipt.)</p> <p>AF Forms 112 (2 copies) 1 Copy Conad Form 6, 100 Frames of 35mm Film</p> <p><i>Disposition of film:</i> Film is in bottom drawer of unclassified safe with other photo cans.</p> <p><i>Film missed by some interesting mail unit or chief. Was not MARKED.</i></p>			
TOTAL NUMBER OF ENTRIES LISTED: 3		DATE RECEIVED: UNDEVELOPED	
RECEIPT FOR DOCUMENT(S) DESCRIBED ABOVE IS ACKNOWLEDGED		SIGNATURE: ON CAN	
RECEIVING AGENCY	TYPED NAME, GRADE, OR TITLE	SIGNATURE	

AF FORM 310
15 JUN 55

REPLACES AF FORM 693 WHICH MAY BE USED AND DD FORM 646 WHICH IS OBSOLETE IN THE USAF

☆ U. S. GOVERNMENT PRINTING OFFICE: 1955-J348895

10 104002 + 06052 38

ROUTING

Muti

JOINT MESSAGEFORM

COMMUNICATIONS CENTER NO.

UNCLASSIFIED
1051A

ENCODED
Initials *AD*
Time *27 0900*
Checked By *[Signature]*

*The Sanders
did not Mark undeveloped*

SPACE ABOVE FOR COMMUNICATIONS CENTER ONLY

FROM: (Originator)

COMDR ATIC

SC 40799

PRECEDENCE FOR: ACTION ROUTINE INFORMATION

TO: COMDR, 745 ACWRON, DUNCANVILLE, TEXAS

97M FHW

BOOK MESSAGE ORIGINAL MESSAGE

MULTIPLE ADDRESS CRYPTOPRECAUTION YES NO

INFO:

FROM: AFOIN-4E4

Reur IR-112, UFO report, dtd 14 Aug 56, submitting 35 MM Radar Camera film.

Your film submitted without any reference or notation in the report, package or

film container that it was undeveloped film. Consequently, in route through

many mail and screening units for check and logging, container opened. *and film ruined from exposure*

possible, request copy or prints be submitted in accordance with par 8,

AFR 200-2, AFR 95-6, and AFR 95-7. IR considered good report, but examination

of film by ATIC specialists will permit better evaluation towards some firm

conclusion.

COORDINATION

AFOIN-4E4 *Henry A. Miley* DATE *27/8/56*
Dr. Henry A. Miley

AC PARAPHRASE... EXCEPT PRIOR TO... REMOVE... DATE-TIME GROUP... UNCLASSIFIED... GROUP IS QUOTED

DOWNGRADED AT 3 YEAR INTERVALS;
DECLASSIFIED AFTER 12 YEARS

UNCLASSIFIED

SECURITY CLASSIFICATION [REDACTED] PAGE 1 OF 1 PAGES

DRAFTER'S NAME (and signature, when required)

Capt George T. Gregory
George T. Gregory

RELEASING OFFICER'S SIGNATURE
Wallace W. Elwood

SYMBOL AFOIN-4E4

TELEPHONE 69216

OFFICIAL TITLE WALLACE W. ELWOOD 27 AUG 1956
1st Lt., USAF

Assistant Adjutant

DD FORM 173 1 OCT 49

REPLACES NME FORM 173, 1 MAY 49, WHICH MAY BE USED.

U. S. GOVERNMENT PRINTING OFFICE

Suffell, I don't recall which mail unit, out of the many opened the container, the point

PROJECT 10073 RECORD CARD

1. DATE 10 AUGUST 1956	2. LOCATION DALLAS, TEXAS	12. CONCLUSIONS <input type="checkbox"/> Was Balloon <input type="checkbox"/> Probably Balloon <input type="checkbox"/> Possibly Balloon <input type="checkbox"/> Was Aircraft <input type="checkbox"/> Probably Aircraft <input type="checkbox"/> Possibly Aircraft <input type="checkbox"/> Was Astronomical <i>su, n25</i> <input checked="" type="checkbox"/> Probably Astronomical <input type="checkbox"/> Possibly Astronomical <input type="checkbox"/> Other <input type="checkbox"/> Insufficient Data for Evaluation <input type="checkbox"/> Unknown
3. DATE-TIME GROUP Local <i>10</i> 0630 Z (N) GMT	4. TYPE OF OBSERVATION <input checked="" type="checkbox"/> Ground-Visual <input type="checkbox"/> Air-Visual <input type="checkbox"/> Ground-Radar <input type="checkbox"/> Air-Intercept Radar	
5. PHOTOS <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6. SOURCE Civ	
7. LENGTH OF OBSERVATION 1 min.	8. NUMBER OF OBJECTS 1	9. COURSE E to S
10. BRIEF SUMMARY OF SIGHTING Found, about object P-2, in a general area served for about 4 days. It is a great element. Reported as being from 100 to 220 degrees with distance. It is actually seen similar to report from Lancaster, Texas (about 10 mi. north of Dallas).	11. COMMENTS Note that this is general direction reported.	

PROJECT 10073 RECORD CARD

1. DATE 22 August 1956	2. LOCATION Dallas, Texas		12. CONCLUSIONS <input type="checkbox"/> Was Balloon <input type="checkbox"/> Probably Balloon <input type="checkbox"/> Possibly Balloon <input type="checkbox"/> Was Aircraft <input type="checkbox"/> Probably Aircraft <input type="checkbox"/> Possibly Aircraft <input type="checkbox"/> Was Astronomical <input checked="" type="checkbox"/> Probably Astronomical <i>Meteor</i> <input type="checkbox"/> Possibly Astronomical <input type="checkbox"/> Other _____ <input type="checkbox"/> Insufficient Data for Evaluation <input type="checkbox"/> Unknown
3. DATE-TIME GROUP Local _____ GMT 23/0500Z	4. TYPE OF OBSERVATION <input checked="" type="checkbox"/> Ground-Visual <input type="checkbox"/> Ground-Radar <input type="checkbox"/> Air-Visual <input type="checkbox"/> Air-Intercept Radar		
5. PHOTOS <input checked="" type="checkbox"/> Yes not <input type="checkbox"/> No rec'd	6. SOURCE Civilian		
7. LENGTH OF OBSERVATION fifteen seconds	8. NUMBER OF OBJECTS one	9. COURSE southeast	
10. BRIEF SUMMARY OF SIGHTING One pale white round pulsating object, the size of a dime at arm's length. Object was initially sighted at 30 dgr elevation and 135 dgr azimuth & disappeared in a straight flight path over the horizon at 20 dgr elevation and 155 dgr azimuth. Object was observed visually for 15 seconds. Photos were also taken.		11. COMMENTS Shape, size, straight flight path fm 30 dgr elevation to 20 dgr elevation, manner of disappearance & duration indicate that sighting was probably caused by a meteor.	

4 Aug 56

Multi

IN

W C A C 613
GREENWICH TIME

1956 AUG 6 15:48

12
ACTION

-7 AUG 1956 12 08

1 } 4E4

3 4 xtra
EW

6 AUG 56 14 40

WPF040WPA030SYDC029 WYB002 WDB004HWA003

PP RJEDEN RJEDWP RJEPHQ

DE RJWFHW 1Q

P 042345Z

FM COMDR 745TH ACWRON DUNCANVILLE TEX

TO RJEPHQ/DIRECTOR OF INTELLIGENCE HDQS USAF WASH 25 DC

INFO RJEDEN/COMDR AIR DEF COMMAND COLO SPRINGS COLO

RJEDWP/COMDR WRIGHT AIR TECH CEN WRIGHT PATTERSON AFB OHIO

RJWFHW/COMDR 33D AIR DIV OKCTY AFS OKLA

BT

UNCLAS INTEL 08-014 SUBJ UFOB.

4A

1. ROUND
2. PEA
3. WHITE
4. FOUR
5. YES' LEAD OBJECT WITH THREE FLYING BEHIND IN FORMATION.
6. N/A
7. NONE
8. NONE

FORM 808-5 PRINTED BY THE STANDARD REGISTER CO., DAYTON 1, OHIO, U. S. A.

Multi

83

24 AUG 56 08 37

24
03:16

TO: COMDR 745TH ACGROW DUNCANVILLE TEXAS
INFO: SAC/DIR/DIR OF INTELLIGENCE HQS USAF WASH 25 DC
INFO: COMDR AIR DEF COMMAND COLO SPRINGS COLO
INFO: COMDR WRIGHT AIR TECH CE WRIGHT PATTERSON AFB OHIO
INFO: COMDR 33D AIR DIV CONCTY AFB OKLA

4E4
3 Area
EWB

RELAF 4 TEL 23-173 SUBJ CLM UFOB

ROUND
DINE
WHITE

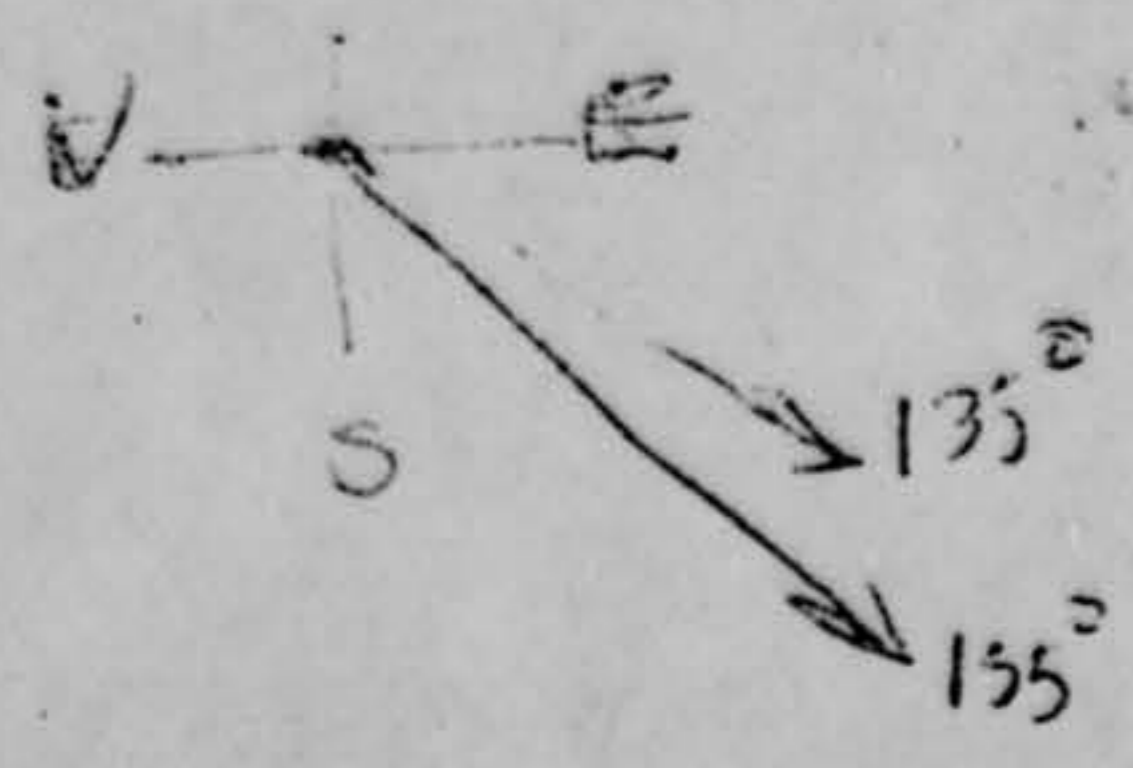
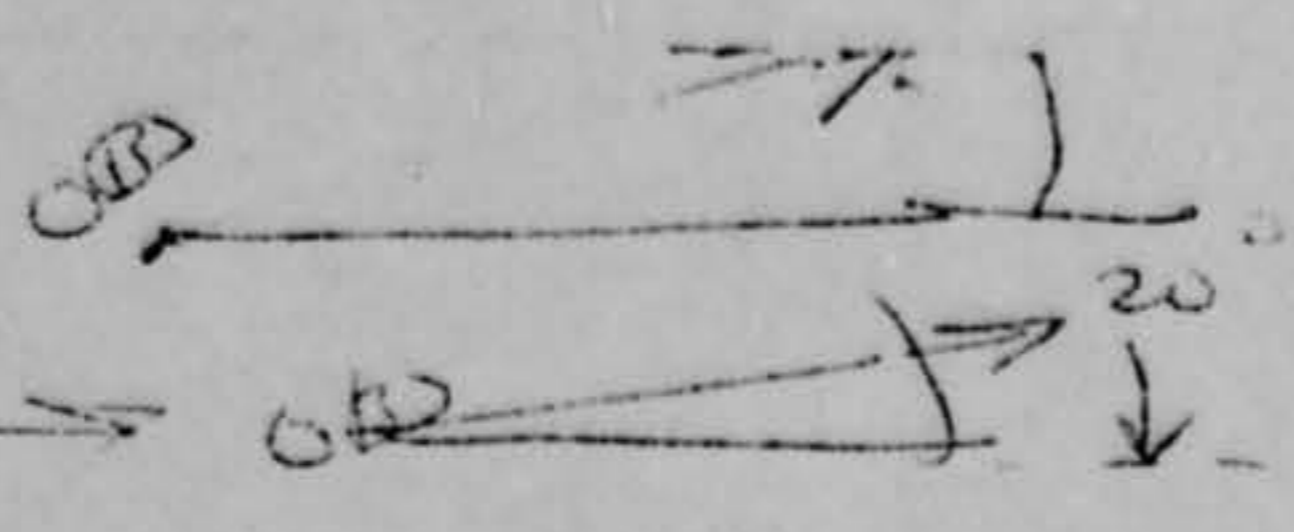
Possibly intermittent jet exhaust

PULCATE
NONE
NONE
NONE

trail, trail, exhaust, sound, other features or details??
This data would help

2 A COLOR AND SPEED

PAGE NO. 1055
3-11-55



END AT 155

STRAIGHT FLIGHT

MORNING

Duration

0500Z - 7 = 2200 hrs

15 SECONDS

A 5227

NIGHT

DALLAS TEXAS

MR AND MRS [REDACTED] DALLAS TEXAS SALES

REPRESENTATIVE FOR [REDACTED] LABORATORIES, AGE 29

MR AND MRS DA [REDACTED] DALLAS TEXAS

SALES REPRESENTATIVE, AGE 28

MR AND MRS [REDACTED], TEXAS, AGE UNKNOWN MANAGER,

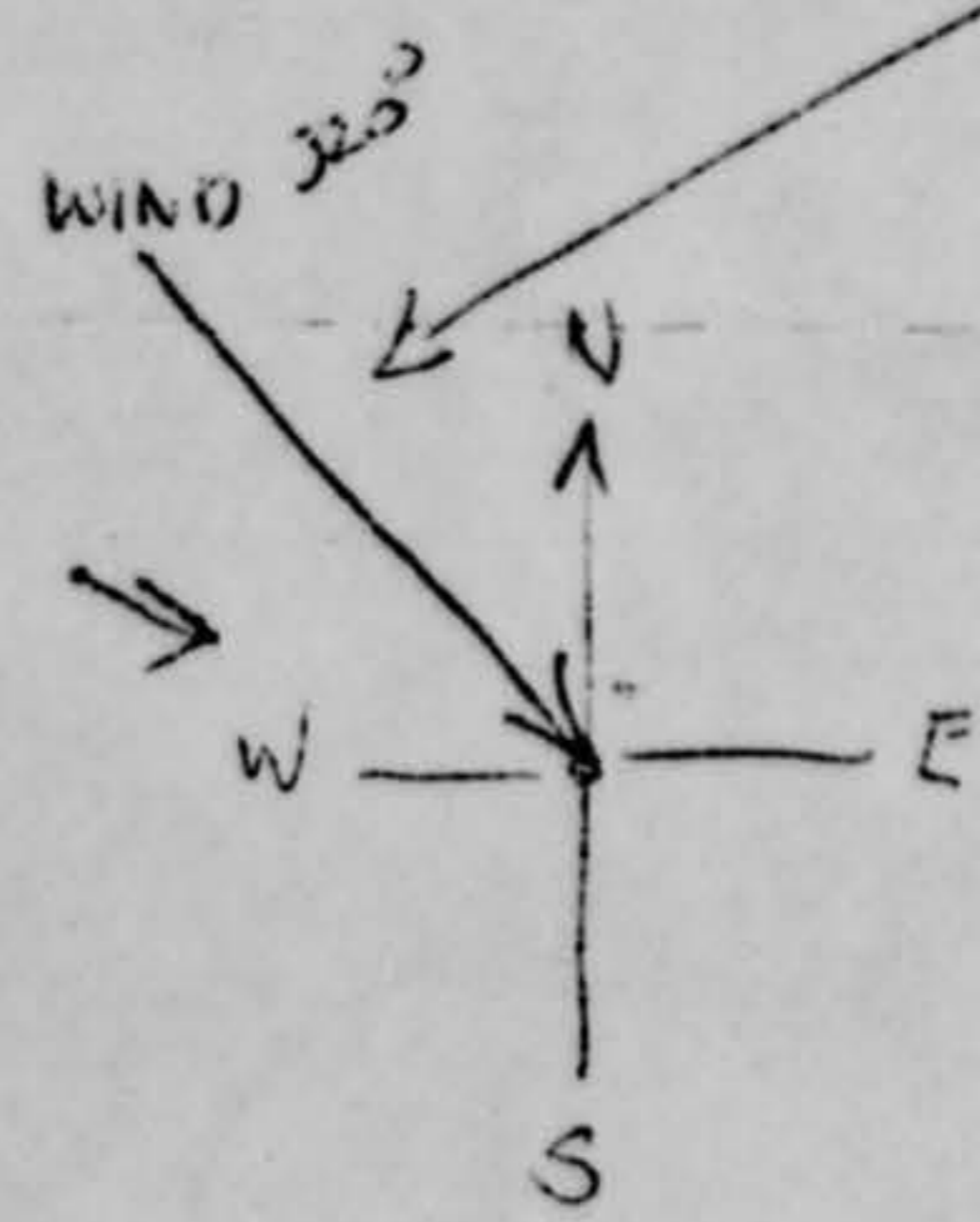
[REDACTED] COMPANY.

UNKNOWN

CLEAR

322/1 - MI

WIND from NW



Note
Direction of
Object +
Wind
direction

PAGE THREE JUNE 5

C O U N T I N U E D

D 15 MI

E NO. R

F NO. E

G NO. E

H ONE

I LIGHT

J NONE

2 MR [REDACTED] IN HIS POSSESSION A 35MM CAMERA FD THE FILM OF

WHICH WILL BE DEVELOPED AND SENT TO ANIC WITH AF FORM 112 FD

3

13/23-57

Pass. a/c

24 Jan 1957

Not rec'd as of this date
of "surprise check".
J T Grayson
Capt USAF

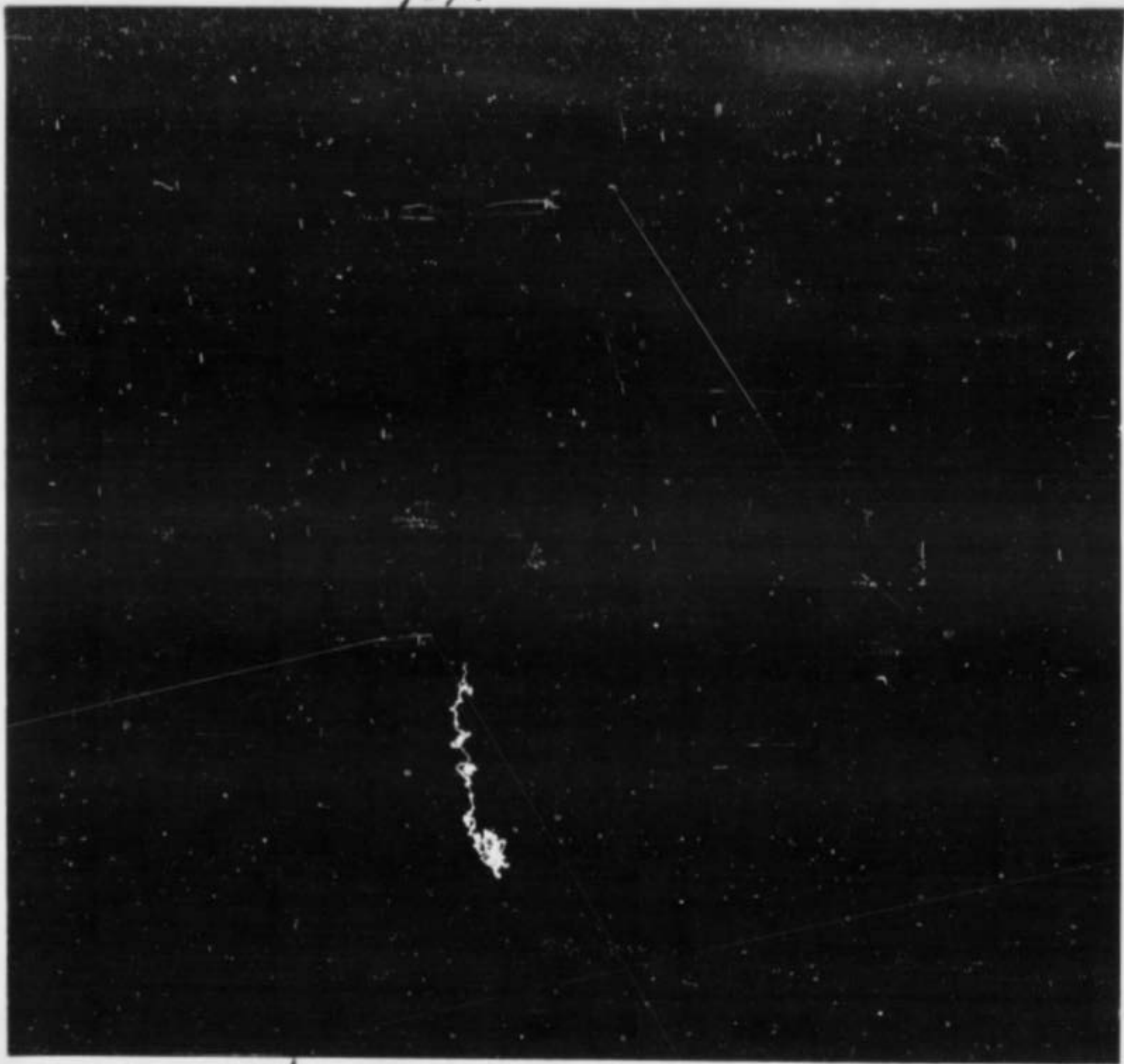
Chron. 24-185-23-13

August 5, 1956

Dallas, Texas

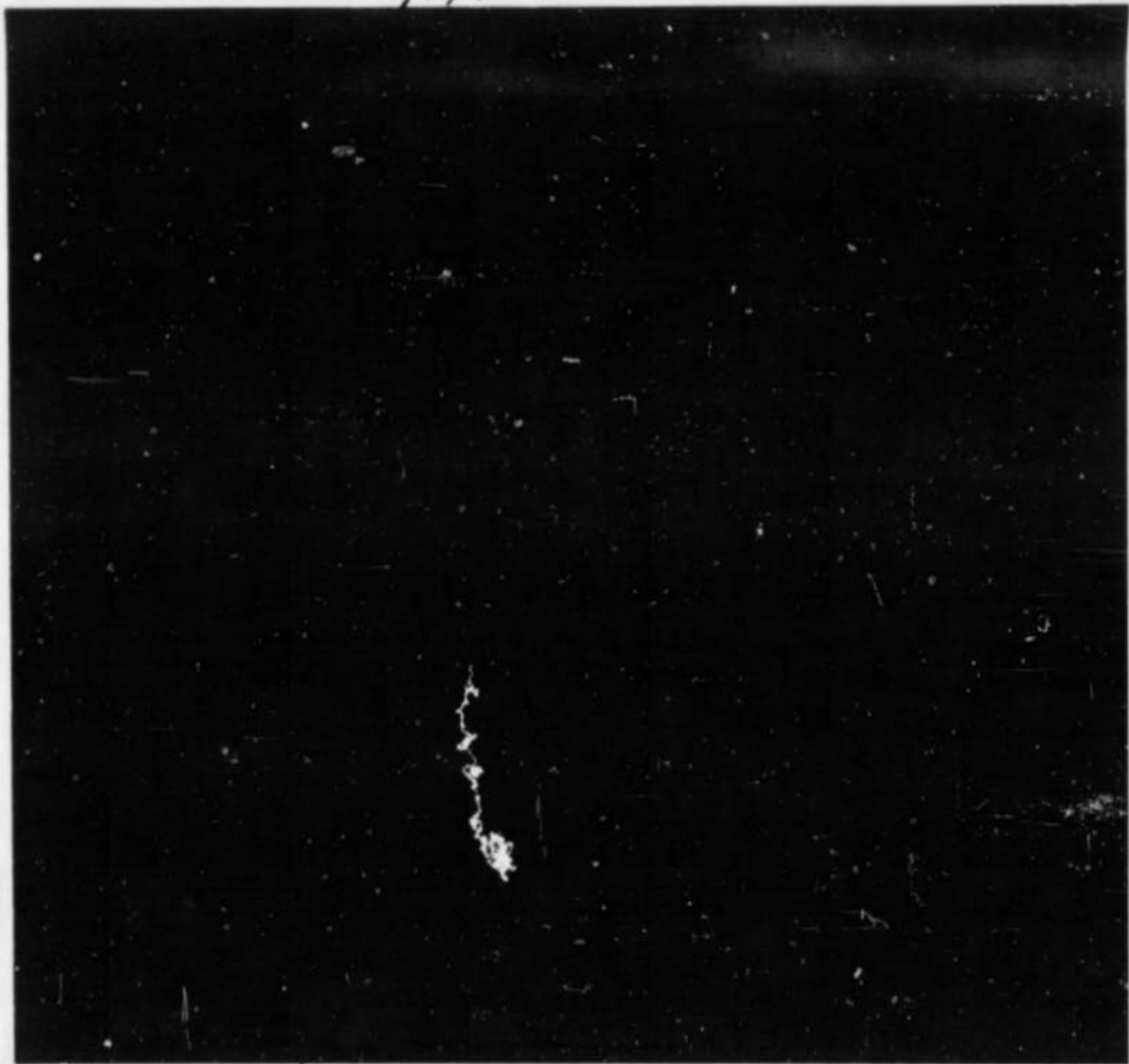
2 Photos.

top.



↓ bottom

top.



↓ bottom

PAGE TWO RJWFHW 1Q

B.

1. THE SPEED OF OBJECTS WITHOUT ANY SOUND
2. 45 DEGREES AT 030 DEGREES
3. 45 DEGREES AT 340 DEGREES
4. OBJECTS CAME FROM NORTHEAST FLYING SOUTH AND ORBITED OVER AREA WHERE OBSERVERS WERE STANDING THEN CONTINUED FLIGHT TO THE NORTHEAST WHERE THEY FADED.
5. FADED INTO HORIZON
6. 6 MINUTES

C.

1. N/A
2. NONE
3. N/A

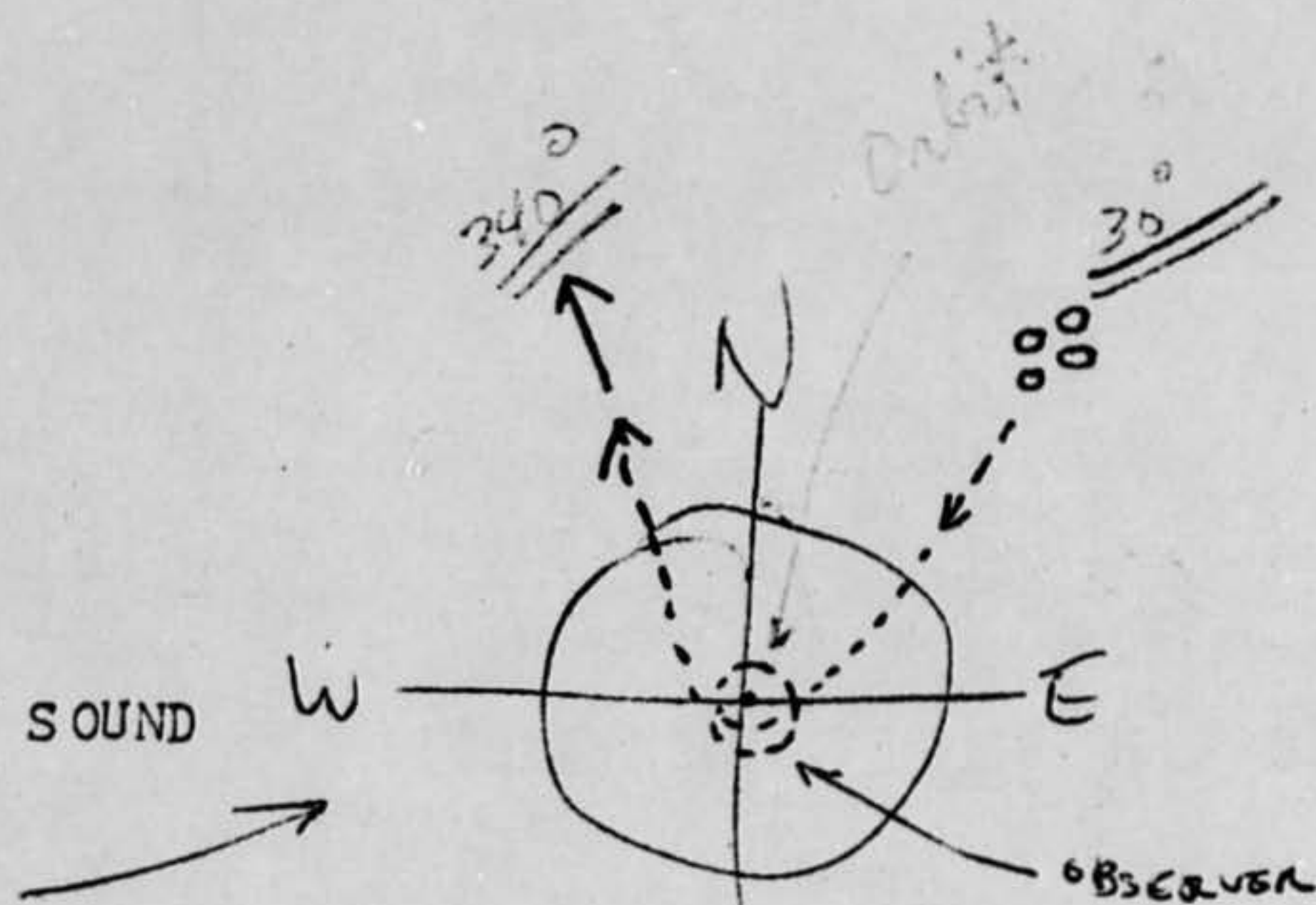
D.

1. 1517Z/4 AUG 56
2. NIGHT

E.

NORTH DALLAS, TEXAS

F.



FORM 60-5-5 REPRODUCED BY THE STANDARD REGISTER CO., DAYTON 1, OHIO, U. S. A.

PAGE THREE RJWFW 1Q

1. [REDACTED], 25, REGISTERED NURSE. [REDACTED], FT
LAUDERDALE, FLORIDA

02/1577Z

12

2. [REDACTED], 23, X-RAY TECHNICIAN, [REDACTED],
TEXAS

3. [REDACTED], 43, HOUSEWIFE, [REDACTED], DALLAS, TEXAS

4. [REDACTED], 14, STUDENT, [REDACTED] FARMERS BRANCH,
TEXAS

MULTI

G.

1. CLEAR

2. 310/20/10,000

3. UNLIMITED

4. UNLIMITED

5. NONE

6. NONE

H. NONE

I. NONE

J. AREA IN WHICH OBSERVATION TOOK PLACE WAS ON THE FINAL APPROACH

FOR LOVE FIELD, DALLAS

K. NONE

L. NONE

BT

05/0001Z AUG RJWFW

FORM 008-S PRINTED BY THE STANDARD REGISTER CO., DAYTON 1, OHIO, U. S. A.

PROJECT 10073 RECORD CARD

1. DATE 10-11 August 1956	2. LOCATION Dallas, Texas		12. CONCLUSIONS <input type="checkbox"/> Was Balloon <input type="checkbox"/> Probably Balloon <input type="checkbox"/> Possibly Balloon
3. DATE-TIME GROUP Local _____ GMT 10/0630Z	4. TYPE OF OBSERVATION <input checked="" type="checkbox"/> Ground-Visual 0605Z <input type="checkbox"/> Air-Visual <input checked="" type="checkbox"/> Ground-Radar 0620Z <input type="checkbox"/> Air-Intercept Radar		<input checked="" type="checkbox"/> Was Aircraft radar <input type="checkbox"/> Probably Aircraft <input type="checkbox"/> Possibly Aircraft
5. PHOTOS <input type="checkbox"/> Yes <i>not</i> <input type="checkbox"/> No <i>usable</i>	6. SOURCE 1) Civilian 2) ACW radar		<input checked="" type="checkbox"/> Was Astronomical Mars <input type="checkbox"/> Probably Astronomical <input type="checkbox"/> Possibly Astronomical
7. LENGTH OF OBSERVATION 4 hours	8. NUMBER OF OBJECTS one	9. COURSE Visual	<input type="checkbox"/> Other _____ <input type="checkbox"/> Insufficient Data for Evaluation <input type="checkbox"/> Unknown
10. BRIEF SUMMARY OF SIGHTING Rpts attempts to relate two apparently unrelated sightings (visual - radar) see 1 above. Visual: round amber colored object observed for 4 hours. Rather fuzzy in appearance. Direction of very slow movement given by source contradictory: states obj moved fm 130 dgrs to 220 dgrs (towards West) later states object moved fm E to S in a straight line. Radar: local unit rpts unidentified a/c apparently 20 mins later.		11. COMMENTS Check w/astro charts & almanac plots indicate Mars quite prominent at the (1st) elevations and bearings given by source coinciding almost perfectly (S to W). Fuzzy amber object observed almost 4 hours in almost same location. Mars now closest to earth than in many years.	



RADAR CAMERA LOG

(Page 1 of 1 pages.)

Film Roll No.	<u>1</u>
Installed in camera on	<u>10 Aug 56 / 0548 Z</u>
(date)	(time)
Site:	<u>F-28</u>

Instructions to Operator: This log will be prepared for each roll of film exposed. Make proper notations in each space when camera is started. Once each hour during operation, and when camera is stopped. Remarks will be entered on the reverse side of this form.

CHECK TIMES (HOUR & MINUTES (Z))	0548	0612							
DATE & SITE ID ON DATA CARD.	OK	OK							
CLOCK WOUND. SET (Z) AND RUNNING	OK	OK							
BOTH DATA CHAMBER LIGHTS ON.	OK	OK							
BEAM SELECTION	VU	VU							
ANTENNA TILT/RPM	2.1/ 14	2.1/ 14							
RADAR SCOPE ADJUSTED & FOCUSED.	OK	OK							
RANGE SETTING/DELAY	None 50mi	None 50mi							
DATE/TIME (Z) STARTED	0548	—							
FRAME COUNTER NUMBER (START)	0044	—							
MAGAZINE FUNCTIONING OK	Yes	Yes							
DATE/TIME (Z) STOPPED	—	0612							
FRAME COUNTER NUMBER (STOP)	—	0140							
INITIALS OF OPERATOR	JMF	JMF							

Handwritten notes:
 K...
 with camera...
 camera...
 some...
 on.



RADAR CAMERA LOG REMARKS SECTION

This section will include all remarks concerning the subject photographed. Explanations if necessary, height information, malfunctions of equipment, etc. Each group of Remarks will be designated by the Frame Counter Number at the start and stop time of each subject photographed.

REMARKS

CAMERA OPERATIONAL FOR UNKNOWN
OBJECT.

JM F.

OPERATIONS OFFICER

ACW SQUADRON

I. QUESTIONS REGARDING DETECTING RADAR EQUIPMENT

1. What type radar equipment is involved?

CPS -6B

2. Has there been any recent maintenance difficulties? If so, describe.

None

3. What type modulator (i.e., spark gap, hard tube, etc.) is used in the radar equipment?
Thyratron

4. Was the AFC (automatic frequency control) circuit of the receiver operating properly?

Yes

5. Has interference from another radar set been observed recently, and are personnel familiar with the effects caused by an interfering signal?

No Yes

6. What type indicators, "A scope", "B scope", etc., were used to follow the target?

PPI

7. What was the radar scan rate?

4 RPM

8. What was the approximate frequency of the transmitter?

3,000 MC

II. GENERAL QUESTIONS

1. What were the general weather conditions at the time unidentified target was observed?

Vis 15, Clear

2. What weather data from nearby U.S. weather stations is available on temperature vs altitude, humidity vs altitude, and wind velocity vs altitude?

Unknown Temp was 89° Humidity 30%, 5 knots SSW

3. Was the target observed by any other nearby radar equipments? If so, give details.

No

4. Are the operator and the supervisor familiar with the effects of anomalous (duct-effect) propagation as they pertain to this type radar?

Yes

(USE REVERSE SIDE OF SHEET IF MORE SPACE IS REQUIRED)

5. Has anomalous propagation been observed to extend the range of ground clutter by this radar at this site, and did this condition exist during or near the time that unknown target was observed?

No

6. What effects of rain storms and lightning have been observed on this radar?

None

7. Were any checks made to determine if unknown target could have been one of our own aircraft?

Yes

8. Was any interception attempted? If so, give details.

No, but Hornet 38, Baker-36 was asked to investigate, target disappeared before aircraft could get to spot where target appeared.

9. Was a visual and/or Auditory observation made simultaneously with scope observation? If so, give detailed description. Yes, reference our Msg 08-033, 11/1619Z to your Hq and also 08-034.

III. SPECIFIC TARGET QUESTIONS

1. Did any technical personnel observe the unknown target on the Radar Scope? Have they been questioned thoroughly? What was their opinion?

No

2. Was a permanent record "track" made of the target positions as they appeared on the indicators? If so, attach to this report. (Plot on back of page 1.)

No

3. At what range, azimuth, altitude, and time was the target observed?

045° at 45 or 50 mile, no altitude recorded

4. How did the target appear in size and shape as compared with conventional aircraft targets?

the blip on the radar scope was a least three times larger than normal radar echo from average aircraft.

5. Was the target of consistent size, or did it change rapidly?

Yes

6. Was the speed of the target constant or variable? Explain.

Speed of aircraft was constant at about 400 knots and seemed to orbit over the love field area.

7. Did the target appear "fuzzy" or clear and sharp as compared with a known aircraft target?

Target was definitely clear

8. What other (aircraft) targets were observed in the same general area, altitude, and time as that of the unknown target?

Only aircraft in area at that time was Hornet 38, B-36 about 25 miles from area of unknown object.