7 08/03302

UNCLASSIFIED

DATE OF INFO 7 July 47

LOCATION Arlington, Va.

SOURCE Air Force Lt Col

DATE IN TO ATIC

COLOR reflected white light

SPEED that of a jet

ALTITUDE less than 500 ft

LENGTH OF TIME OBSERVED 1-2 secs

TYPE OF OBSERVATION from ground

MANEUVERS ----

PHOTOS ---- SKETCHES yes

Temporary ATIC Form 329
(2 Jan 52)

UNCLASSIFIED

S/20004

UNCL

DATE OF INFO July 47

DATE IN TO ATIC

COLOR Aluminum

SPEED Slow

ALTITUDE Nearly

LENGTH OF TIME OBSERVED

TYPE OF OBSERVATION

MANEUVERS Descended

Object moved to the ground

Any motion then disappeared, it

fairly high altitude

Unknown distance

Blue

REFERENCE

Form 389

Jan 53)

UNCLASSIFIED

[redacted]

UNCLASSIFIED

Incident #2, 2a -- Muroc, California -- 8 July 1947

No astronomical explanation is possible for this incident. The object's slow speed and apparent size suggest aircraft under unusual light conditions, but the tactics argue against this interpretation.

UNCLASSIFIED

[redacted]

A 31-41

[redacted]

HEADQUARTERS FOURTH AIR FORCE
Office of the Assistant Chief of Staff, A-2
Intelligence
Hamilton Field, California

[redacted]

UNCLASSIFIED

TITLE Investigation of Flying Disc.	INVESTIGATION MADE AT Muroc AAF, Muroc, Calif.
	CONTROLLING OFFICE Air Defense Command, Mitchel Field.
FILE NO. 1208-I	PERIOD COVERED 8 July 1947
	CASE CLASSIFICATION Incident
DATE 13 August 1947	STATUS OF CASE Pending

REASON FOR INVESTIGATION: Investigation initiated at request of Air Defense Command reference ltr Hq ADC, dtd 7 Jul 47, file D333.5 ID, subj: Investigation of Flying Disc.

SYNOPSIS:

On 8 July 1947, approximately 1000 hours, two incidents occurred in the vicinity of Muroc Flight Test Base.

No further investigation of these incidents is being considered by this headquarters.

DISTRIBUTION	COPIES
AAF	2
ADC	1
6th Army	1
FBI, S.F.	1
File 4AF	1

APPROVED:

DONALD L. SPRINGER, Lt. Col., GSC
AC of S, A-2

RING FILE -2

W. D., P. M. G. Form No. 110
1 April 1944
(This form supersedes W. D., O. C. S. Form No. 19, which will not be used upon receipt of this revision)

[redacted]

UNCLASSIFIED

CHECK-LIST - UNIDENTIFIED FLYING OBJECTS

Incident # 2a

1. Date 8 July 1947

2. Time Approximately noon

3. Location Muroc Army Air Field, Muroc, California.

4. Name of observer Col Gilkey to Capt Black

5. Occupation of observer Commanding Officer, Muroc Army air Field, Calif.

6. Address of observer Muroc AAF, Muroc, California.

7. Place of observation Ground

8. Number of objects one (1)

9. Distance of object from observer not stated

10. Time in sight not stated

11. Altitude not stated

12. Speed not stated

13. Direction of flight not stated

14. Tactics The object Col Gilkey saw he stated he believed at the time to be paper and of no significance or the object not important enough to be reported.

15. SOUND not stated

16. Size not stated

17. Color not stated

18. Shape not stated

19. Odor detected not stated

20. Apparent construction

21. Exhaust trails not stated

22. Weather conditions not stated

23. Effect on clouds not stated

24. Sketches or photographs none

25. Manner of disappearance not stated

UNCLASSIFIED

26. Remarks: The following is a statement given orally by Colonel Gilkey, to Captain Harry D. Black, Intelligence officer on 11 August 1947.
Colonel Gilkey, stated that the object he saw, he veliaved at the time to be paper and of no significance or tthe objects not important enough to be reported There was nothing clearly enough seen by the Colonel to make any further

FILE 2

CHECK-LIST - UNIDENTIFIED FLYING OBJECTS

Incident # 2.

1. Date 8 July 1947

2. Time Approximately noon

3. Location Muroc Army Air Field, Muroc, California.

4. Name of observer Major Richard R. Shoop

5. Occupation of observer Employed in Office of Chief of Tech. Engineering Div Major -

6. Address of observer Muroc Army Air Field, Muroc, California.

7. Place of observation Ground

8. Number of objects One (1)

9. Distance of object from observer Five (5) to eight (8) miles.

10. Time in sight Eight (8) minutes

11. Altitude fairly high altitude

12. Speed slowly

13. Direction of flight North

14. Tactics The object moved from an intermediate altitude in an oscillating fashion, almost to the surface of the ground and then started climbing again.

15. Sound not stated

16. Size pursuit airplane

17. Color aluminum colored surface

18. Shape unconventional shape

19. Odor detected not stated

20. Apparent construction apparently metallic

21. Exhaust trails not stated

22. Weather conditions not stated

23. Effect on clouds not stated

24. Sketches or photographs none

25. Manner of disappearance moved off slowly in the distance

26. Remarks: At approximately noon on 8 Jul 1947, Major Shoops, at the attention of Col. Gilkey observed five (5) to eight (8) miles to the north what appeared to be a thin metallic object. It appeared to be metallic because the method in which it was flying the sun was reflected from an apparently aluminum colored surface.

UNCLASSIFIED

FINO FILE

B/Ltr from AMC
dtd 5 Jan 1949
Subj: Project
"SIGN"

AWS DSS 1st Ind 24 Jan 1949

HEADQUARTERS, AIR WEATHER SERVICE Andrews Air Force Base, Washington 25, D. C.

TO: Commanding General, Air Materiel Command, Wright-Patterson Air Force Base, Dayton, Ohio
ATTN: MCIAXO

Investigations by this headquarters reveal that a synoptic weather balloon could have been at the location where sightings were reported in the following incidents. In compiling this list consideration was given to the wind direction and speed at the surface and aloft at the scheduled time of balloon release, and the location of the nearest weather station making balloon observations.

2	52	91	126
3	72	93	148
4	73	94	155
25	78	105	166
28	81	113	169
36	87	115	172

FOR THE CHIEF AIR WEATHER SERVICE

[redacted]

/s/ W. A. West
W. A. WEST
Lt. Col., USAF
Adjutant General

2 Incls:
n/c

8/1730

UNCLASSIFIED

Sol, 47

CMF

With 194 incidents thus eliminated, there remain thirty-four which contain some evidence but have no apparent ready explanation. This statement is true only under the assumption that the evidence is accepted as reliable and accurate. When psychological and physiological factors are taken into consideration, all of these incidents can be explained rationally, as pointed out by Rand Corporation and Dr. Fitts of Air Materiel Command Aero-Medical Laboratory (see Appendixes "E" and "G").

Air Materiel Command Aero-Medical Laboratory (Dr. Paul M. Fitts - 212 Incidents considered)

There are sufficient psychological explanations for the reports of unidentified flying objects to provide plausible explanations for reports not otherwise explainable. These errors in identifying real stimuli result chiefly from inability to estimate speed, distance, and size.

All of the remaining 34 incidents are treated in detail in this report. These incidents form no pattern in regard to area of sighting, type of object, or manner of performance. There are indications, however, that some sightings were influenced by earlier reports, and probably would not have been considered unusual or reported had there been no publicity.

APPENDIX I

Project Grudge

Summary of AMC Evaluation of Remaining Reports

VII. Summary of AMC Evaluation of Remaining Reports

The remaining unexplained incidents (see Appendix "I") exhibited few common characteristics. Two of them, by statements of the reporters, would not have been made had the witnesses not read of the Mt. Ranier incident (Incident No. 17). Most were distributed without pattern throughout the United States. A few were outside the U. S. No two descriptions of appearance or performance were exactly alike. The reported sightings occurred at various times of day and year.

APPENDIX I

In the following section of this report, each remaining unexplained incident is considered separately. It is not the intent to generally discredit the character of observers, but each case has undesirable elements, and these cannot be disregarded. The numerical designation is merely the categorical order of the incident in the project files.

1, 10, 17, 21, 29, 35, 37, 40, 51, 58, 62, 64, 68, 71, 75, 76, 77, 79, 84, 111, 122, 134, 135, 151, 152, 154, 162, 168, 176, 183, 186, 193, 207, 215, 236.

Incident No. 1 — 8 July 1947, 0930 hours local, Muroc Air Force Base. Four witnesses, all observed two silver disc like or spherical objects against a clear bright sky. All witnesses estimated the altitude at about 8000 feet, and the speed between 300 and 400 MPH. It is possible to estimate distance and speed of an object with a fair degree of accuracy if the size is known. The distance is judged on the known size and speed on an estimate of distance, plus angular change in position (see page 6, app. G). In this incident the size could not be known, owing to the fact that the object was not identified. The time in sight and angular distance traveled were not given. However, the first witness stated he sighted the objects at 0930, and the last witness said he was called to view the objects at 1000. Time in sight is therefore assumed to be at least one-half hour. The objects reportedly traveled in a straight line. Taking the mean reported speed (350 MPH), the objects must then have traveled 175 MPH while in sight. If the objects were of such proportions as to be seen at that distance, it is believed that more details could have been observed at the first sighting. Two additional remarkable aspects of this case are:

1. A few moments previous to the sighting, the first witness was engaged in conversation. Quoting the witness, "My part in this conversation was as follows: 'Someone will have to show me one of those discs before I will believe it.'"

2. The statements of the three other witnesses were made to the first witness. All three agree almost identically with the first. It is probable, therefore, that their evidence was influenced by suggestion.

AMC Opinion: This report is a result of misinterpretation of the nature of real stimuli, probably research balloons.

UNCLASSIFIED

Incident #1, 1c, 1d, 1e -- Muroc, California -- 8 July 1947

No astronomical explanation for this incident is possible.

It is tempting to explain the objects as ordinary aircraft observed under unusual light conditions, but the evidence of the "tight circle" maneuvers, if maintained, is strongly contradictory. This incident must be judged with reference to other similar incidents, which probably have a common explanation.

UNCLASSIFIED

[redacted]

UNCLASSIFIED

Incident #80 -- Arlington, Virginia -- 7 July 1947

There is nothing in the description of this incident that contradicts an explanation of the object as a slow-moving, bright meteor. Slow-moving meteors are generally observed before midnight.

UNCLASSIFIED

[redacted]

[redacted]

UNCLASSIFIED

1. Date: 5 July 57

2. Time: 0915

3. Location: Jones Atoll, Jones (6166-30 [illegible])

4. Name of observer: S/Sgt Donald Angelo

5. Occupation of observer: USA Foreign Intelligence Service

6. Address of observer: Jones Air Base, Jones (6166)

7. Place of observation: Ground - Jones

8. Number of objects: 2

9. Distance of object from observer: N/S

10. Elev in sight: N/S

11. Altitude: Between 7500 to 8000 ft

12. Speed: 350 - 400 MPH

13. Direction of flight: Northeastward

14. Trajectory: N/S

15. Sounds: None

16. Size: N/S

17. Color: Silver

18. Shape: Saucer or disc shaped

19. Odor detected: N/S

20. Apparent construction: N/S - Appeared to metallic

21. Exhaust trail: N/S

22. Vapor condensation: N/S

23. Effect on clouds: N/S

24. Shadows or penumbras: None

25. Change of temperature: N/S

26. Remarks: Weather, Wind, Ceiling or Visibility Clear, Unlimited, Dry

(over)

[redacted]

Witnesses: S/Sgt. Gerald L. Norman
T/Sgt. Joseph Cornelio
[redacted]

1. Date 5 Jan 1947 Description [illegible]

2. Time 0932

3. Location Morocco, Air Force Base, [illegible]

4. Name of observer 1Lt Joseph G. [illegible]

5. Occupation of observer Training Officer in Charge, Morocco AAFB

6. Address of observer Morocco AAFB

7. Place of observation Ground - Morocco AAFB

8. Number of objects 2 at first - 1 sometime later

9. Distance of object from observer N/S

10. Path in flight N/S

11. Altitude Approx 2000 ft

12. Speed 200 MPH

13. Direction of flight 240° (magnetic) westerly

14. Tactics Performed straight circle

15. Sound N/S

16. Size N/S

17. Color Silver

18. Shape Disc-like or spherical

19. Odor detected N/S

20. Apparent construction N/S - Apparently metallic

21. Exhaust trail N/S

22. Weather conditions N/S

23. Effect on clouds N/S

24. Effect on photographs None

25. Manner of disappearance In distance

26. Remarks Approximately 0.300 K [illegible] [illegible] [illegible]

(over)

UNCLASSIFIED

About [illegible] in Vietnam, [illegible] Observer in Phnom [illegible] reported [illegible] Bear [illegible] conferred the Vietnam Special Medal and asked [illegible] stockpile [illegible] the area. Witness observed two (2) [illegible] dropped, which [illegible] two [illegible] dropped on [illegible] planes. Witness estimated the [illegible] distance [illegible] approximately 150 to 400 [illegible] or an altitude of about 1500 or 2000 [illegible]. He could [illegible] the [illegible] and was positive that it [illegible] balloons.

3/3 [illegible] - [illegible] of good reliability and [illegible] [illegible]

Evaluation: Confirmed by other sources.

UNCLASSIFIED

UNCLASSIFIED

CHECK LIST - UNIDENTIFIED FLYING OBJECTS

Incident # 1

1. Date 8 July 47

2. Time 10:00

3. Location Muroc Army Air Field, Muroc, Calif

4. Name of observer [redacted]

5. Occupation of observer [redacted] Military Officer

6. Address of observer Muroc AAFB, Muroc, Calif.

7. Place of observation Ground - Muroc

8. Number of objects 3 - two the first time - 1 later

9. Distance of object from observer N/S

10. Time in sight N/S

11. Altitude Approx 8,000 ft

12. Speed 300 to 400 MPH

13. Direction of flight Northwest - toward Mojave, Calif.

14. Tactics First 2 maintained straight horizontal course, the last performed a tight circle

15. Sound none - Witness heard no drone such as would come from any aircraft

16. Size N/S

17. Color Silver

18. Shape Disc

19. Odor detected N/S

20. Apparent construction N/S Apparently metallic

21. Exhaust trails N/S

22. Weather conditions Sunlight

23. Effect on clouds N/S

24. Sketches or photographs N/S

25. Manner of disappearance N/S - apparently in the distance

26. Remarks Witness was called by Lt [redacted] together with N/S

(over)

UNCLASSIFIED

[redacted]o and S/Sgt. Gerald E. [illegible] to the front of the B.O.Q. "A" Bldg. Pointing up in a direction directly above the group he asked them to explain what they saw. Witness states that she saw 2 silver-colored disc-like objects flying toward Mojave, Calif., one directly back of the other, at a speed of about 300 to 400 MPH at an altitude of approximately 8,000 ft. She listened carefully for a few minutes but could hear no drone such as occasioned by any aircraft. Casting her eyes for a moment in another direction and then looking back to the same spot she was able to distinguish the same objects again. Assured that it was not eye-strain, she was convinced the objects were not weather balloons due to the horizontal position in which they traveled. Nor could they have been birds since they reflected the sun's rays.

Some three or four minutes after the objects had nearly disappeared she saw another flying object similar to the above-mentioned objects. It was silver colored and disc-like in shape. Unlike the first two, it flew in a tight circle, neither losing nor gaining altitude at approximately 8,000 ft. She thought its performance too tight a circle to have been any type aircraft [illegible] was familiar.

Evaluation: Confirmed by other sources.

UNCLASSIFIED

20 July 47

Incident #57 -- between Nova Scotia and Newfoundland -- 20 July 1947

This incident and #56, which occurred in the same vicinity just three days apart, do not fit into the usual description pattern. In both cases, information given is meager, and in both cases the meteoric hypothesis cannot be completely ruled out, but the objects could have been rockets or even freak auroral streamers or brush discharge from ionized dust clouds. In any event, it seems unlikely, although it is not impossible, that the objects seen in this incident were meteors. The even spacing of the flashes argues strongly against the meteoric hypothesis.

Dr HYNEK'S EVALUATIONS EXTRACTED FROM PROJECT GRUDGE REPORT.

INCIDENT INDEX

1. Astronomical

a. High probability:
#26, 27, 30, 31, 32, 33, 34, 48, 49, 59, 60, 66, 69, 70, 94, 95, 96, 97, 98, 101, 102, 103, 104, 116, 119, 132, 136, 140, 147, 148, 158, 174, 184, 185, 187, 197, 203, 204, 208, 216, 219, 238.

b. Fair or low probability:
#19, 20, 23, 24, 28, 35, 36, 46, 50, 63, 67, 80, 82, 93, 100, 112, 120, 121, 129, 130, 144, 153, 165, 166, 167, 175, 192, 199, 202, 205, 220, 230, 240.

2. Non-astronomical but suggestive of other explanations

a. Balloons or ordinary aircraft:
#3, 11, 22, 41, 42, 53, 54, 73, 81, 83, 91, 92, 113, 114, 115, 126, 131, 138, 141, 145, 155, 156, 157, 159, 160, 161, 163, 169, 171, 173, 178, 180, 182, 188, 190, 194, 195, 196, 198, 200, 201, 209, 210, 217, 222, 235, 237, 239.

b. Rockets, flares or falling bodies:
#4, 5, 6, 7, 8, 9, 12, 13, 14, 15, 16, 25, 56, 65, 78, 106, 107, 108, 109, 133, 170, 211, 218.

c. Miscellaneous (reflections, auroral streamers, birds, etc.):
#39, 89, 123, 124, 128, 146, 164, 181, 189, 214, 221, 231, 234.

3. Non-astronomical, with no explanation evident

a. Lack of evidence precludes explanation:
#38, 44, 45, 47, 55, 57, 72, 86, 87, 88, 90, 99, 110, 117, 118, 125, 127, 137, 139, 149, 150, 177, 179, 191, 206, 212, 213, 229, 232, 233.

b. Evidence offered suggests no explanation:
#1, 2, 10, 17, 21, 29, 37, 40, 51, 52, 58, 61, 62, 64, 68, 71, 75, 76, 77, 79, 84, 105, 111, 122, 135, 151, 152, 154, 162, 168, 172, 176, 183, 186, 193, 207, 215, 223, 224, 225, 226, 227, 236, 241, 242, 243, 244, 134.

UNCLASSIFIED

1. Date: 20 [illegible] 1947

2. Time: 0015

3. Location: [illegible]

4. Type of observer: [redacted]

5. Description of observer: [illegible]

6. Number of observers: [illegible]

7. Time of observation: [illegible]
Line Scout [illegible]

8. Number of objects: 1/S - one flashed - 4 or 5 approximately 1 second apart and continuously

9. Distance of object from observer: I/S

10. Time in sight: I/S

11. Altitude: I/S 30° off horizon at an estimated 1/4 mile range

12. Speed: High velocity - faster than [illegible] mile/s

13. Direction of sight: NE (30° East of true North)

14. Tactics: horizontal flight

15. Sound: I/S

16. Size: I/S

17. Color: I/S - object not seen - flashes were always treated in color

18. Shape: I/S

19. Odor detected: I/S

20. Apparent construction: I/S

21. Exhaust trails: I/S - possibly what was observed was itself the rocket charge

22. Weather conditions: clear - not dark

23. Effect on clouds: I/S

24. Sketches or photographs: none

25. Manner of disappearance: I/S

26. Remarks: (over)

Dr HYNEK'S EVALUATIONS EXTRACTED FROM PROJECT GRUDGE REPORT.

INCIDENT INDEX

1. Astronomical

a. High probability:
#26, 27, 30, 31, 32, 33, 34, 48, 49, 59, 60, 66, 69, 70, 94, 95, 96, 97, 98, 101, 102, 103, 104, 116, 119, 132, 136, 140, 147, 148, 158, 174, 184, 185, 187, 197, 203, 204, 208, 216, 219, 238.

b. Fair or low probability:
#19, 20, 23, 24, 28, 35, 36, 46, 50, 63, 67, 80, 82, 93, 100, 112, 120, 121, 129, 130, 144, 153, 165, 166, 167, 175, 192, 199, 202, 205, 220, 230, 240.

2. Non-astronomical but suggestive of other explanations

a. Balloons or ordinary aircraft:
#3, 11, 22, 41, 42, 53, 54, 73, 81, 83, 91, 92, 113, 114, 115, 126, 131, 138, 141, 145, 155, 156, 157, 159, 160, 161, 163, 169, 171, 173, 178, 180, 182, 188, 190, 194, 195, 196, 198, 200, 201, 209, 210, 217, 222, 235, 237, 239.

b. Rockets, flares or falling bodies:
#4, 5, 6, 7, 8, 9, 12, 13, 14, 15, 16, 25, 56, 65, 78, 106, 107, 108, 109, 133, 170, 211, 218.

c. Miscellaneous (reflections, auroral streamers, birds, etc.):
#39, 89, 123, 124, 128, 146, 164, 181, 189, 214, 221, 231, 234.

3. Non-astronomical, with no explanation evident

a. Lack of evidence precludes explanation:
#38, 44, 45, 47, 55, 57, 72, 86, 87, 88, 90, 99, 110, 117, 118, 125, 127, 137, 139, 149, 150, 177, 179, 191, 206, 212, 213, 229, 232, 233.

b. Evidence offered suggests no explanation:
#1, 2, 10, 17, 21, 29, 37, 40, 51, 52, 58, 61, 62, 64, 68, 71, 75, 76, 77, 79, 84, 105, 111, 122, 135, 151, 152, 154, 162, 168, 172, 176, 183, 186, 193, 207, 215, 223, 224, 225, 226, 227, 236, 241, 242, 243, 244, 134.

Observers did not see the object but only four or five flashes approximately one second apart and equidistant. The flashes appeared silvery to reddish in color and were likened to the glow of a welding exception they were larger and all equal intensity. The witnesses did not believe the flashes were deflected by either a shooting star or a plane, because of the erratic speed, the angle of the flashes, the color and the speed.

Corroboration: [redacted] stated that he had seen the same thing at approximately the same time and location on the evening of 15 [illegible] 47 except at that time the object or flashes were travelling faster and in a manner to cause (illegible) changed course (quickly, overall speed) and was headed generally to the SSE.

UNCLASSIFIED

23 July 47

Incident #55 -- Harmon Field, Newfoundland -- 23 July 1947

If proper allowance is made for the reporting of untrained observers, it is possible that the objects observed in this incident were a minor meteor shower. The "reddish flashes of light" and "abrupt darts" would tend to this interpretation. The hypothesis hinges, however, on the statement that "a number of intermittent flashes were observed for three minutes." If this means independent flashes, it lends support to the meteoric interpretation. If it means that the same objects flashed intermittently for three minutes, that theory is ruled out. It seems more probable in view of the statement about "abrupt darts of light" that the former meaning is correct.

There is somewhat more evidence in this incident than in #57 (which is similar, and occurred just three days earlier) favoring meteors, but probably the events of these two incidents are related, and it is very unlikely that meteors could explain both of them.

According to the report of the U. S. Weather Bureau on ball lightning, it would appear that this phenomenon sometimes takes the form of luminous darts and can be red. Perhaps this could offer an alternate explanation for the incident.

Dr HYNEK'S EVALUATIONS EXTRACTED FROM PROJECT GRUDGE REPORT.

INCIDENT INDEX

1. Astronomical

a. High probability:
#26, 27, 30, 31, 32, 33, 34, 48, 49, 59, 60, 66, 69, 70, 94, 95, 96, 97, 98, 101, 102, 103, 104, 116, 119, 132, 136, 140, 147, 148, 158, 174, 184, 185, 187, 197, 203, 204, 208, 216, 219, 238.

b. Fair or low probability:
#19, 20, 23, 24, 28, 35, 36, 46, 50, 63, 67, 80, 82, 93, 100, 112, 120, 121, 129, 130, 144, 153, 165, 166, 167, 175, 192, 199, 202, 205, 220, 230, 240.

2. Non-astronomical but suggestive of other explanations

a. Balloons or ordinary aircraft:
#3, 11, 22, 41, 42, 53, 54, 73, 81, 83, 91, 92, 113, 114, 115, 126, 131, 138, 141, 145, 155, 156, 157, 159, 160, 161, 163, 169, 171, 173, 178, 180, 182, 188, 190, 194, 195, 196, 198, 200, 201, 209, 210, 217, 222, 235, 237, 239.

b. Rockets, flares or falling bodies:
#4, 5, 6, 7, 8, 9, 12, 13, 14, 15, 16, 25, 56, 65, 78, 106, 107, 108, 109, 133, 170, 211, 218.

c. Miscellaneous (reflections, auroral streamers, birds, etc.):
#39, 89, 123, 124, 128, 146, 164, 181, 189, 214, 221, 231, 234.

3. Non-astronomical, with no explanation evident

a. Lack of evidence precludes explanation:
#38, 44, 45, 47, 55, 57, 72, 86, 87, 88, 90, 99, 110, 117, 118, 125, 127, 137, 139, 149, 150, 177, 179, 191, 206, 212, 213, 229, 232, 233.

b. Evidence offered suggests no explanation:
#1, 2, 10, 17, 21, 26, 37, 40, 51, 52, 58, 61, 62, 64, 68, 71, 75, 76, 77, 79, 84, 105, 111, 122, 135, 151, 152, 154, 162, 168, 172, 176, 183, 186, 193, 207, 215, 223, 224, 225, 226, 227, 236, 241, 242, 243, 244, 134.

[illegible]

EAST COAST - UNIDENTIFIED FLYING OBJECTS

1. Date 23 July 47 Incident # 55

2. Time 0345 (0715 local)

3. Location Hermon Mtn., Stephenville, Newfoundland

4. Name of observer [redacted]

5. Occupation of observer Government Employee and Engineer & Public Relations Officer

6. Address of observer N/S

7. Place of observation Hermon Mtn., Newfoundland 48° 30' N 58° 27' W

8. Number of objects 1 Undetermined

9. Distance of object from observer N/S

10. Time in sight Five three minutes

11. Altitude 10,000 ft.

12. Speed High velocity - stated to be faster than conventional A/C

13. Direction of flight NNE

14. Tactics Abrupt darts

15. Sound no noise

16. Size N/S

17. Color reddish flashes of light

18. Shape N/S

19. Odor detected N/S

20. Apparent construction N/S

21. Exhaust trails N/S

22. Weather conditions High scattered clouds - visibility [illegible]

23. Effect on clouds N/S

24. Statement of photographs None

25. Number of photographs N/S

26. Remarks (over)

witnesses were walking when they observed a peculiar reddish light. They thought at first that the light was a shooting star but it left no streak. It appeared to the witnesses that they thought it was a plane at very low altitude. Then a minute or two later other lights were observed for three minutes. After observing the lights based on light and hearing the sound of motors they concluded that it was definitely not a plane. The witnesses also reported two aircraft.

UFO 10 JULY 1947 JANSSEN

Morristown, N.J.

1947

[redacted]

[redacted]

1947 brought a flurry of UFO photographs, but the best in my opinion was a formation of 4 round white discs hanging beneath a cloud, which were photographed by Pilot [redacted] at Morristown, New Jersey on July 10.

UNCLA

10 July 47

DATE OF OBS. 10 July 47

LOCATION [illegible]

SEC WT [illegible]

TAIL NO. TO ATIC

COLOR Tangerine
Dark Blue

SPEED

ALTITUDE [illegible]

LENGTH OF TIME OBSERVED

TYPE OF OBSERVATION [illegible]

REMARKS

SIGNATURE

UNCLASSIFIED

ATIC (Form 39)
(1 Jan 52)

UNCLASSIFIED

[redacted]

UNCLASSIFIED

Incident #26 -- Harmon Field, Newfoundland -- 10 July 1947

The evidence presented here, and in incident #27, 27a, which refers to the same object, favors the hypothesis that the trail of a fireball was seen. The photographs submitted show a typical fireball trail. The "feathered edges" left on a cloud which the object broke through could easily have been caused by a fireball.

UNCLASSIFIED

[redacted]

[redacted]

UNCLASSIFIED

Incident #27, 27a -- Harmon Field, Newfoundland -- 10 July 1947

Evidence presented here favors the hypothesis that the trail of a fireball was seen by observers. For details see report on incident #26.

UNCLASSIFIED

[redacted]

[redacted]

UNCLASSIFIED

#4

CHECK-LIST - UNIDENTIFIED FLYING OBJECTS

Incident # 80

1. Date 7 July 1947
2. Time 2230-2300
3. Location Arlington, Va.
4. Name of observer [redacted]
5. Occupation of observer Lt Col., AC
6. Address of observer N/S
7. Place of observation Arlington, Va. [redacted]
8. Number of objects 1
9. Distance of object from observer 3/4 mile
10. Time in sight 2-3 seconds
11. Altitude less than 500 ft
12. Speed that of jet
13. Direction of flight SOUTH EAST
14. Tactics N/S
15. Sound N/S
16. Size Small plane
17. Color Reflected white light
18. Shape "blob"
19. Odor detected N/S
20. Apparent construction N/S
21. Exhaust trails None
22. Weather conditions Scattered clouds - Visibility: 10-12 mi.
23. Effect on clouds None
24. Sketches or photographs 2
25. Manner of disappearance behind trees
26. Remarks: (over)

DOWNGRADED AT 12 YEAR INTERVALS; NOT AUTOMATICALLY DECLASSIFIED. DOD DIR 5200.10

UNCLASSIFIED

[redacted]

170

Dr HYNEK'S EVALUATIONS EXTRACTED FROM PROJECT GRUDGE REPORT.

INCIDENT INDEX

1. Astronomical

a. High probability:
#26, 27, 30, 31, 32, 33, 34, 48, 49, 59, 60, 66, 69, 70, 94, 95, 96, 97, 98, 101, 102, 103, 104, 116, 119, 132, 136, 140, 147, 148, 158, 174, 184, 185, 187, 197, 203, 204, 208, 216, 219, 238.

b. Fair or low probability:
#19, 20, 23, 24, 28, 35, 36, 46, 50, 63, 67, 80, 82, 93, 100, 112, 120, 121, 129, 130, 144, 153, 165, 166, 167, 175, 192, 199, 202, 205, 220, 230, 240.

2. Non-astronomical but suggestive of other explanations

a. Balloons or ordinary aircraft:
#3, 11, 22, 41, 42, 53, 54, 73, 81, 83, 91, 92, 113, 114, 115, 126, 131, 138, 141, 145, 155, 156, 157, 159, 160, 161, 163, 169, 171, 173, 178, 180, 182, 188, 190, 194, 195, 196, 198, 200, 201, 209, 210, 217, 222, 235, 237, 239.

b. Rockets, flares or falling bodies:
#4, 5, 6, 7, 8, 9, 12, 13, 14, 15, 16, 25, 56, 65, 78, 106, 107, 108, 109, 133, 170, 211, 218.

c. Miscellaneous (reflections, auroral streamers, birds, etc.):
#39, 89, 123, 124, 128, 146, 164, 181, 189, 214, 221, 231, 234.

3. Non-astronomical, with no explanation evident

a. Lack of evidence precludes explanation:
#38, 44, 45, 47, 55, 57, 72, 86, 87, 88, 90, 99, 110, 117, 118, 125, 127, 137, 139, 149, 150, 177, 179, 191, 206, 212, 213, 229, 232, 233.

b. Evidence offered suggests no explanation:
#1, 2, 10, 17, 21, 29, 37, 40, 51, 52, 58, 61, 62, 64, 68, 71, 75, 76, 77, 79, 84, 105, 111, 122, 135, 151, 152, 154, 162, 168, 172, 176, 183, 186, 193, 207, 215, 223, 224, 225, 226, 227, 236, 241, 242, 243, 244, 134.

UNCLASSIFIED [redacted]

CHECK-LIST - UNIDENTIFIED FLYING OBJECTS

Incident # 26

1. Date 10 July 1947
2. Time Between 3:00 and 5:00 PM in the afternoon
3. Location Pan American Airways, Harmon Field, Newfoundland
4. Name of observer [redacted]
5. Occupation of observer Station Mechanic
6. Address of observer [redacted]
7. Place of observation Traveling in a car returning from fishing.
8. Number of objects 1
9. Distance of object from observer Not Stated
10. Time in sight Not stated
11. Altitude Not stated
12. Speed Terrific rate of speed in a circle because of the arcs in the path.
13. Direction of flight Not stated
14. Tactics Definite trail and caused clouds to break open as it went through. It looked to be traveling in a circle and left sharp edges to cloud
15. Sound Not stated
16. Size Not stated
17. Color No difference in color looked as if object broke the cloud and left this opening.
18. Shape Trail horizontal
19. Odor detected Not stated
20. Apparent construction object or flying discs
21. Exhaust trails bluish streak
22. Weather conditions Clear with clouds
23. Effect on clouds Cut a path through the cloud & you could see the trail right through the clouds, and it left sharp edges on the clouds.
24. Sketches or photographs Kodachrome film
25. Manner of disappearance Not stated
26. Remarks: (over)

DOWNGRADED AT 12 YEAR INTERVALS; NOT AUTOMATICALLY DECLASSIFIED. DOD DIR 5200.10

UNCLASSIFIED [redacted]

[redacted] saw the object or flying disc first and said he saw the thing travelling through the sky. We did not believe him at first but when he was so concerned about it we stopped the car and got out. I had my camera so took a picture of it. There was a bluish streak left in the sky which could not have been a cloud formation. It was a definite trail and caused the clouds to break open as it went through. It cut a clear path through the cloud and you could see the trail right through the cloud, it looked to be travelling in a big circle and it left sharp edges to the clouds. The trail looked as if an object passed through similar to that of a pebble leaving a ring in the pond. There was no difference in color. It looked as if the object broke and cloud and left this opening.

[redacted]

UNCLASSIFIED

CHECK-LIST - UNIDENTIFIED FLYING OBJECTS

Incident # 27

1. Date 10 July 1947
2. Time Evening
3. Location Harmon Field, Newfoundland
4. Name of observer [redacted]
5. Occupation of observer Supervisor and Mechanic
6. Address of observer Pan American Airways, Harmon Field, Newfoundland
7. Place of observation Coming up over the mountain between Harmon Field and Stephenville Crossing.
8. Number of objects 1
9. Distance of object from observer Did not see the object saw the trail as it was left behind
10. Time in sight Not Stated
11. Altitude Not stated
12. Speed Not stated
13. Direction of flight Not stated
14. Tactics Object was horizontal and seemed to remain on true course.
15. Sound No noise
16. Size Did not see object
17. Color not stated
18. Shape not stated
19. Odor detected Not Stated
20. Apparent construction Not stated
21. Exhaust trails Bluish black. band across the sky in a straight path
22. Weather conditions Scattered clouds
23. Effect on clouds The object passed through and cut the cloud leaving a gap where you could see the blue sky, like a knife had cut it. The edges were feathered.
24. Sketches or photographs None
25. Manner of disappearance Not stated
26. Remarks: (Over)

UNCLASSIFIED

[redacted]

On the evening of 10 July 1947 we were coming up over the mountain between here and Stephenville Crossing. The car was going up hill and we could see the sky through the windshield. Mr [redacted] said "look at the cut in the sky". I looked and saw a blueish black vapor trail. The clouds were very scattered and were about 8000 to 10,000 feet, the object passed through and cut the cloud leaving a gap where you could see the blue sky, like a knife had cut it. The edges were feathered similar to a weld, as if you cut a weld in half. The estimate course of the object was approximately North North East. The trail was blueish black in colore, very easily distinguished from the blue sky. The trail was more or less a band across the sky in a straight path. There was no noise.

[redacted]

CHECK-LIST - UNIDENTIFIED FLYING OBJECTS

Incident # 27 A

U 30176-A

1. Date 10 July 1947
2. Time 1700
3. Location Harmon Field, New Foundland
4. Name of observer [redacted]
5. Occupation of observer [redacted] Pan American Airways
6. Address of observer Pan American Airways, Harmon Field, Newfoundland
7. Place of observation Between Harmon Field and Stephenville Crossing coming over the hill
8. Number of objects 1
9. Distance of object from observer Not stated
10. Time in sight ~~XXXXXXXXXX~~ Split second
11. Altitude ~~XXXXXXXXXX~~ Between 8000 to 10,000 ft
12. Speed Terrific rate
13. Direction of flight North North East
14. Tactics Travelling horizontal
15. Sound Not stated
16. Size About the size of a 54 or a Constellation
17. Color Translucent
18. Shape Disk like a wheel
19. Odor detected Not Stated
20. Apparent construction disk
21. Exhaust trails dark bluish approx. 15 to 20 miles long
22. Weather conditions Very clear and clouds very scattered
23. Effect on clouds Opened the clouds as it went through the air
24. Sketches or photographs None
25. Manner of disappearance [illegible]
26. Remarks: (over)

[redacted]

U-30176-A

[redacted]

[redacted] saw one of the so called "flying disks" or other object on 10 July, at approximately 1700. We were coming back from a fishing trip, and coming over the hill between here and Stephenville Crossing, you can see the cloude formation ahead, I saw the object break out where the clouds opened and it left its trail behind it. It was very clear and the clouds were very scattered. I'd say the approximately altitude of the clouds was from 8000 to 10,000 feet. The object appeared to be a translucent disk like a wheel travelling at a terrific rate of speed and opened the clouds as it went through the air. The disk was travelling horizontal. It appeared to be about the size of a 54 or Constellation. It spread the clouds out about half mile. It cut a clear path right through the cloud. It left a trail dark blueish in color similar to a high power light. The trail was approximately 15 to 20 miles long.

U-30176-A
Inc 27-A

[redacted]

UNCLASSIFIED

INTELLIGENCE OFFICE
1388TH AAF BASE UNIT
NEWFOUNDLAND BASE COMMAND, ATLD-ATC
APO 864, c/o Postmaster, New York, N. Y.

SUBJECT: Kodachrome Film of Flying Disc's or Other Airborne Object's Trail.

TO: Commanding General,
Atlantic Division, ATC
Fort Totten, Long Island, N. Y.
ATTENTION: Lt. Col. James H. Brewster, Jr.
Assistant Chief of Staff, Intell.

1. Transmitted herewith three (3) rolls of Kodachrome Film belonging to [redacted] mechanic for Pan American Airways.

2. Mr. [redacted] states that on one of the three (3) rolls there are two (2) pictures of a Flying Disc's or other Airborne Object's trail, taken on 10 July 1947.

3. The Assistant Chief of Staff, Intelligence, Newfoundland Base Command directed that the film be transmitted to your Headquarters for processing and further disposition, and that TWX's have been dispatched giving further information from Headquarters, Newfoundland Base Command.

4. According to the statements of the observers, the object itself may not be on the film, but its trail, which is said to have been bluish black, or the object's effect on the cloud formations, will appear on the photographs.

5. Request that the rolls of film be returned to [redacted] after they have served their official purposes.

FOR THE COMMANDING OFFICER:

WILLIAM H. SMITH
Captain, Air Corps
Intelligence Officer

[redacted]

AMC Form No. 10-3
(19 Mar 45)

[redacted]

ROUTING AND RE[illegible]RD SHEET UNCLASSIFIED [illegible]ATERIEL COMMAND

Use this form for inter-office correspondence within headquarters.

Use authorized office symbols to designate addressor and addressee.

Place initials of dictator and typist, telephone number and location to right of signature.

Use entire width of sheet, both sides.

Number all comments consecutively.

Separate comments by horizontal lines across page.

SUBJECT Pictures Taken by [redacted] Incident #40

TO MCIAXD FROM MCIA DATE 13 Feb 48 COMMENT NO. 1

1. Reference is made to ATC Weekly Intelligence Summary, dated 16 July 1947, Item 5, page 2, "Flying Object", a copy of which is inclosed.

2. Referenced item states that Kodachrome pictures were taken of an unidentified flying object by [redacted] of Harmon Field, Newfoundland on 10 July 1947.

3. It is requested that the films or photographs be obtained for study. Also, the inclosure should be returned for file.

1 Incl
cy ATI Weekly Intell
Summary, 16 Jul 47

A. C. LOEDDING
Technical Assistant
Analysis Division
Intelligence Department

EML/amb
2-3266
Rm 252
Bldg 11A

Not forwarded - These pictures are the same as the ones received from the Lady Inc. #26

UNCLASSIFIED

[redacted]

0-50176-A

WF-L-16 JUNE 46 1 Mil

(CONTINUE ON OTHER SIDE)

[redacted] UNCLASSIFIED

Extract from Weekly Intelligence Summary, ATC, 16 Jul 47

"FLYING OBJECTS REPORTS SUMMARY": The following is a digest of the only current reports that have been received through the Intelligence system of this Command concerning unidentified flying objects. On 10 June 1947, rumors were drifting into Budapest from rural areas in Hungary to the effect that "silver balls were flashing across the sky in daytime." No accurate description or confirmation of this report was obtained. A Newfoundland constable named [redacted], has reported to personnel of the 1380th AAF Base Unit, ATC, Newfoundland Base Command, Fort Pepperell that on 9 July at 2330 hours local time (0200Z), he observed for a few seconds four "egg-shaped phosphorus colored discs" followed ten minutes later by a fifth similar object moving through the air in the vicinity of Grand Falls, Newfoundland. According to the constable, all objects were flying east, moving very fast, and parallel to the ground, at an altitude of "30,000 feet". The first four were in trail formation. The constable described the shape of these objects as being like a "barrel head or egg" with "black spots on the tail end" but "leaving no smoke trail". The Newfoundland Base Command reports also mention a second unidentified observer of these objects, who described them as being "three-leafed" in shape. A check of weather records reveals that CAVU weather prevailed in the Grand Falls region at the time these objects were reported as being seen. [redacted] for Trans World Airlines and [redacted] for Pan American Airways, both stationed at Harmon Field, Newfoundland, report that on 10 July at 1730 hours local time (2000Z), they observed over that installation a circular wagon wheel-shaped disc of silver color which, at its estimated altitude of "10,000 feet", appeared to be of equal size to the wing span of a C-54. Weather records indicate that the weather at Harmon during the time this incident occurred was clear with scattered cumulus clouds at an altitude of from eight to ten thousand feet. These two men report that the disc was first sighted when it appeared about six miles SSW of Harmon; the two observers report that the disc seemed to "cut the clouds as it passed" over on a NNE course leaving a "bluish black trail approximately fifteen miles long" which is described as similar in appearance to the beam seen for an instant after a high powered landing light or search light has been switched off. Personnel of the 1388th AAF Base Unit, ATC, Harmon Field, Stephenville, who relayed Mehrman's and Woodruff's report to this office state that kodachrome pictures were taken of the disc which are now being developed, probably by Eastman at Rochester, New York, and that [redacted] will forward the prints "as soon as received". On 11 July 1947, Col [redacted] and Major [redacted] of the 59th Airways and Air Communications Service Group, Elmendorf Field, Anchorage, observed an object resembling an aluminum colored balloon "about 3 feet in diameter" travelling at an unidentified altitude "at a great speed" in a N/S direction in the vicinity of the field. On 12 July at 0830 hours local time (0430Z), Major [redacted] of this same unit and some unidentified officers of the Alaskan Department observed a grayish balloon "approximately 10 feet in diameter" in the vicinity of Elmendorf Field flying in a NW direction following the contour of the mountains five miles away. The object was reported as flying at an altitude of "1500 feet" at an estimated rate of "100 miles per hour", paralleling the course of a C-47 landing into a 20 mile per hour wind. This office can draw no conclusions on the part of the above summary item based on reports emanating from rural areas in Hungary other

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[redacted]

Observed from a bedroom window as a blob of light crossing at very high speed estimated by observer at approx 1350 MPH. "In color, the object had the appearance of a reflected white light, a cool bright white light with no red in it, like the moon on a clear night."

UNCLASSIFIED

[redacted]

than to point out that these Hungarian rumors were recorded fifteen days prior to the first time flying objects, commonly called "saucers", were reported over various areas of the Zone of Interior. Nor is anything known at this office that would add to or detract from the until recently, unfamiliar descriptions briefly presented in the Newfoundland reports. The brief text gives rise to obvious doubts and questions that can be clarified only by an evaluation and further interrogation of the sources from whence these reports were derived. However, an analysis of the two radios that reported the Elmendorf sightings have led the Intelligence Officers of this Headquarters to point out the following considerations. It is very difficult to judge the size, speed and altitude of an unknown object at the reported distance of five miles. The account of the object sighted would tend to describe a weather pibal. In this regard it is noted that it is standard operating procedure for weather stations to release pibals every six hours daily - at 0400Z, 1000Z, 1600Z and 2200Z. It is pointed out that the 12 July sighting approximates the time at which one of these daily pibals is released. It is also pointed out that in the Anchorage area, it is believed to be not uncommon for surface winds and winds at an altitude of 1000 feet or more to move in opposite directions.

Classification: [redacted]

UNCLASSIFIED

[redacted]

[redacted]

Changed to UNCLASSIFIED
authority of CC, AD-ATC
(Name) (Rank) /gdb (Date)

HEADQUARTERS
Newfoundland Base Command, ATLD-ATC
Fort Pepperrell, Newfoundland
APO 862, c/o Postmaster, New York, N. Y.

28 July 1947

SUBJECT: Letter of Transmittal.

TO : Commanding General,
Atlantic Division, ATC,
Fort Totten, Long Island, N. Y.
(ATTENTION: AC/S, Intelligence)

1. Transmitted herewith, as inclosures 1, 2 and 3, are Final Reports of Sightings of "flying saucers" in Newfoundland and vicinity listed as follows:

Final Report of Sighting - 2000Z, 10 July 1947
" " " " - 0030Z, 11 July 1947
" " " " - 0015Z, 20 July 1947

2. Reference TWX - EN 18469, this headquarters, dated 121730Z July 1947, regarding sightings of "flying saucers" by Constable [redacted], Newfoundland Constabulary, at Grand Falls, Newfoundland, on the night of 9 July 1947, attached herewith, as inclosure 4, is signed statement of this sighting by Constable [redacted]

FOR THE COMMANDING GENERAL:

Marion C. Miller
MARION C. MILLER,
Captain, Air Corps,
AC/S, Intelligence.

4 Incls:
1. Final Rpt of Sighting, 10 Jul 47
2. " " " " , 11 Jul 47
3. " " " " , 20 Jul 47
4. Signed Statement - Const KEARSEY

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DOWNGRADED AT 12 YEAR INTERVALS; NOT AUTOMATICALLY DECLASSIFIED. DOD DIR 5200.10

[redacted]

UNCLASSIFIED

FOR INTELLIGENCE PD ONE FLYING DISC, SIGHTED 2000Z 10 JULY 47, OVER HARMON FIELD, NEWFOUNDLAND, AT APPROXIMATELY 10000 FEET, COURSE: NORTH NORTH EAST PD WEATHER: CLEAR WITH SCATTERED CUMULUS AT 8-10000 FEET PD COLOR:: SILVERY PD DISC WAS FIRST SIGHTED ABOUT 6 MILES SOUTH SOUTH WEST FROM HARMON FIELD BY [redacted] TWA REPRESENTATIVE AND [redacted] PAA REPRESENTATIVE PD DISC APPEARED ABOUT THE SAME SPAN AS C-54 AT 10000 FEET, WAS CIRCULAR IN SHAPE LIKE WAGONS WHEEL, DISC SEEMED TO CUT THE CLOUDS OPEN AS IT PASSED THRU AND LEFT A BLUISH BLACK TRAIL APPROXIMATELY FIFTEEN MILES LONG PD TRAIL WAS SIMILAR TO THE BEAM SEEN AFTER A HIGH POWERED LANDING LIGHT OR SEARCH LIGHT IS SWITCHED OF PD KODACHROME PICTURES WERE TAKEN AND ARE BEING DEVELOPED STATE SIDE PD PHOTOS WILL BE FORWARDED AS SOON AS THEY ARE RECEIVED BY [redacted] END

Intermediate stage Echelon Goodyear { What L/A does Burcinhow. German - Russian Type. what plans - potentialities

{ Get T-2 and Eng. Div rep. to Harmon Field immed. and return via Wash. reporting to Gen Schulgen 4C/AS-2 Room 3E153

What has Brentnall prepared? Chingmeier " ?

? work ship picatach - ? flight)

Q: Question about planes shadow on cloud at a large layer underneath.

UNCLASSIFIED

[redacted]

UNCLASSIFIED

TSNAD/WRC/11f

TSNAD/TSDIN

Transmittal of Report of Investigation

Commanding General
Army Air Forces
Washington 25, D. C.

ATTN: AC/AS-2
Colonel Robert Taylor III

1. Transmitted herewith are two copies of a report on an investigation conducted at Harmon Field, Newfoundland, by Colonel W. R. Clingerman and Lt. Colonel E. G. Nabell of this Command. This investigation was accomplished in accordance with a verbal request from General Schulgen of AC/AS-2 to Colonel H. M. McCoy of Headquarters, Air Materiel Command.

2. This letter may be declassified upon removal of the attached report, in accordance with paragraph 9b, AR 380-5.

FOR THE COMMANDING GENERAL:

Incl:
Rpt of investigation
w/Incls. (in dup)

H. M. McCOY
Colonel, Air Corps
Deputy Commanding General
Intelligence (T-2)

UNCLASSIFIED

FINC FILE 26

[redacted]

[redacted]

UNCLASSIFIED

TSNAD/NRC/11f

TSDIN

Submission of Report

Commanding General
Newfoundland Base Command
Fort Pepperell, Newfoundland
APO 862 c/o Postmaster
New York, New York

NAD File

1. In compliance with Letter Orders No. 471350 dated 30 July 1947, Headquarters Air Materiel Command, Wright Field, Dayton, Ohio, copy of which is attached, there is herewith submitted for your information a copy of the report which was made as a result of the investigation directed by the attached order. Due to the exigencies of the situation and the short period of time involved, it was not practical to write the report while at Harmon Field.

2. Colonel William P. Sloan, the Commanding Officer of Harmon Field, was most cooperative and assisted the investigating officers with every means at his disposal, which contributed in no small manner to the successful conclusion of the investigation.

FOR THE COMMANDING GENERAL:

2 Incls
Cy Rpt 8/2/47
Cy L.O. 471350 7/30/47

H. M. McCOY
Colonel, Air Corps
Deputy Commanding General
Intelligence (T-2)

UNCLASSIFIED

INC FILE 26

[redacted]

[redacted]

[redacted]

UNCLASSIFIED

Classification cancelled or changed to Unclassified by authority of CC, AD-ATC
(Name) (Rank) (Date)

FINAL REPORT OF SIGHTING

1. Org. : 1388th AAF BU, NBC, ATLD, ATC. Harmon Field, Newfoundland.
2. Sighting : Flying Disc or other airborne object.
3. Place : Approx six (6) miles SSW of Harmon Field.
4. Time : 2000/Z, 10 July 1947
5. Altitude : 8- 10,000 ft.
6. Weather : Clear, Scattered Cumulus 8 - 10, 000 ft.
7. Heading : NNE on horizontal course.
8. Speed : Very high velocity.
9. Shape & Size: Circular like a wheel, estimated to be same size as a C-54 as seen from 10, 000 ft.
10. Color : Translucent or Silvery, left a Bluish Black trail approx 15 miles long.
11. Photographs: Mr. [redacted] reported that he took two (2) Kodachrome snap shots of the trail.
12. Reported By: Mr. [redacted] TWA mechanic; Mr. [redacted] PAA mechanic; and Mr. [redacted], PAA mechanic reported the above facts to the Intelligence Officer on 15 July 1947. A Flash Report was TWX ed to : Action copy Commanding General, Hq. ATC, Attn. Asst. Chief of Staff, Intelligence. Info copies: Commanding Generals Hq. ATLD and Hq. NBC
13. General : Mister's [redacted] and [redacted] were enroute from Stephenville Crossing to Harmon Field at the time of the sighting. [redacted] was the first to see the Disc, it appeared to rent or split the clouds thru which it passed and left a Bluish Black trail approx. fifteen (15) miles long behind it. The trail was similar to the afterglow of a powerful landing light or search light beam after it is suddenly switched off. The object maintained a straight and horizontal course according to Mr. [redacted] and Mr. [redacted] Mr. [redacted] stated it appeared to be on a great curved course on a horizontal plane. The object disappeared into the North Northeast. Mr. Leidy says he took two (2) Kodachrome Photographs of the trail. The film has been transmitted to the Asst. Chief of Staff, Intelligence, Newfoundland Base Command for processing.

WILLIAM H. SMITH
CAPT. A.C.
Intelligence Officer

UNCLASSIFIED

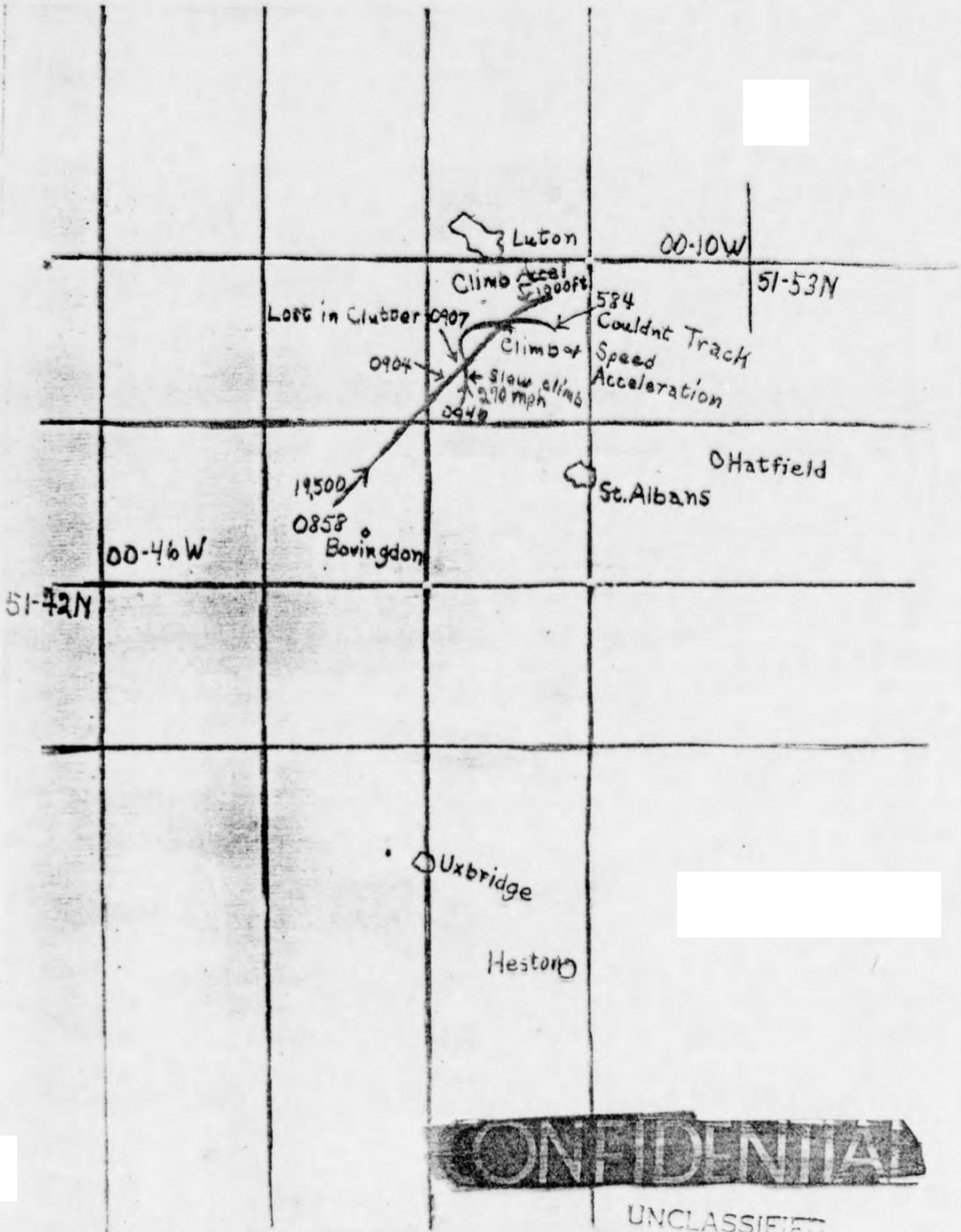
[redacted]

[redacted]

Incl 1

This Case Includes

Four (4) 8"x10" prints.

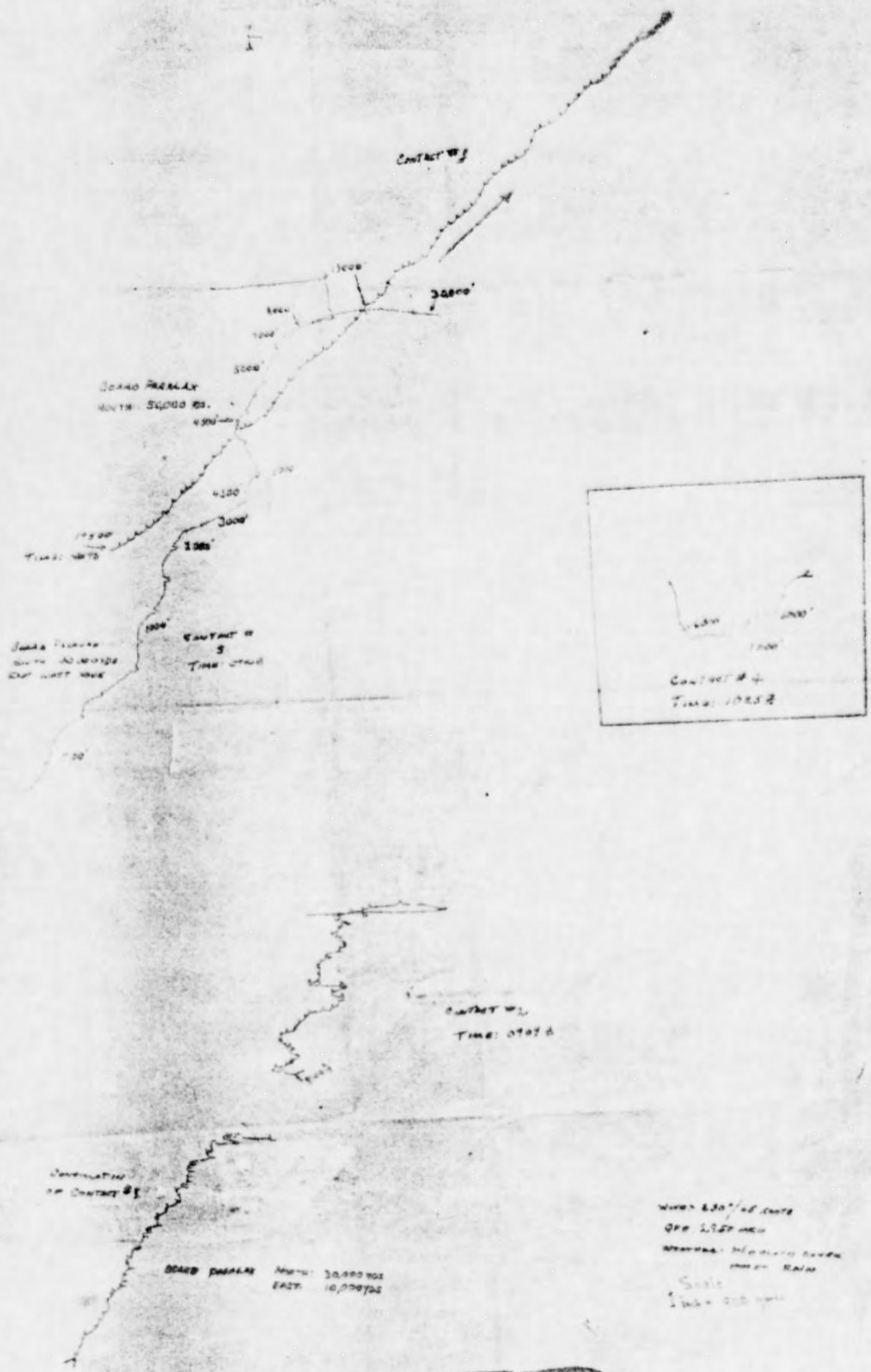


CONFIDENTIAL

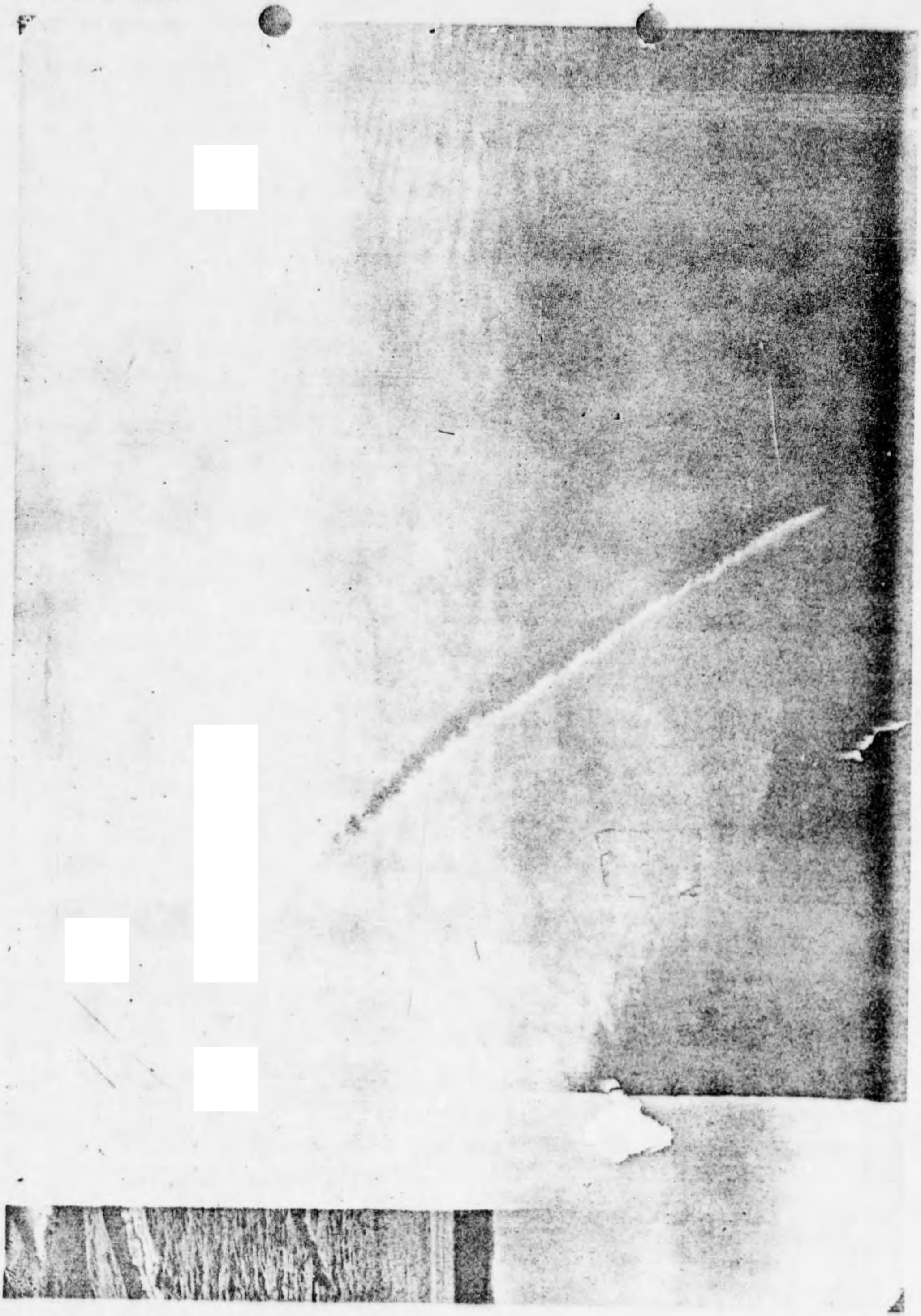
UNCLASSIFIED

G.S., G.S. 4159

Scale: Half-Inch to One Statute Mile = 1/126720



UNCLASSIFIED



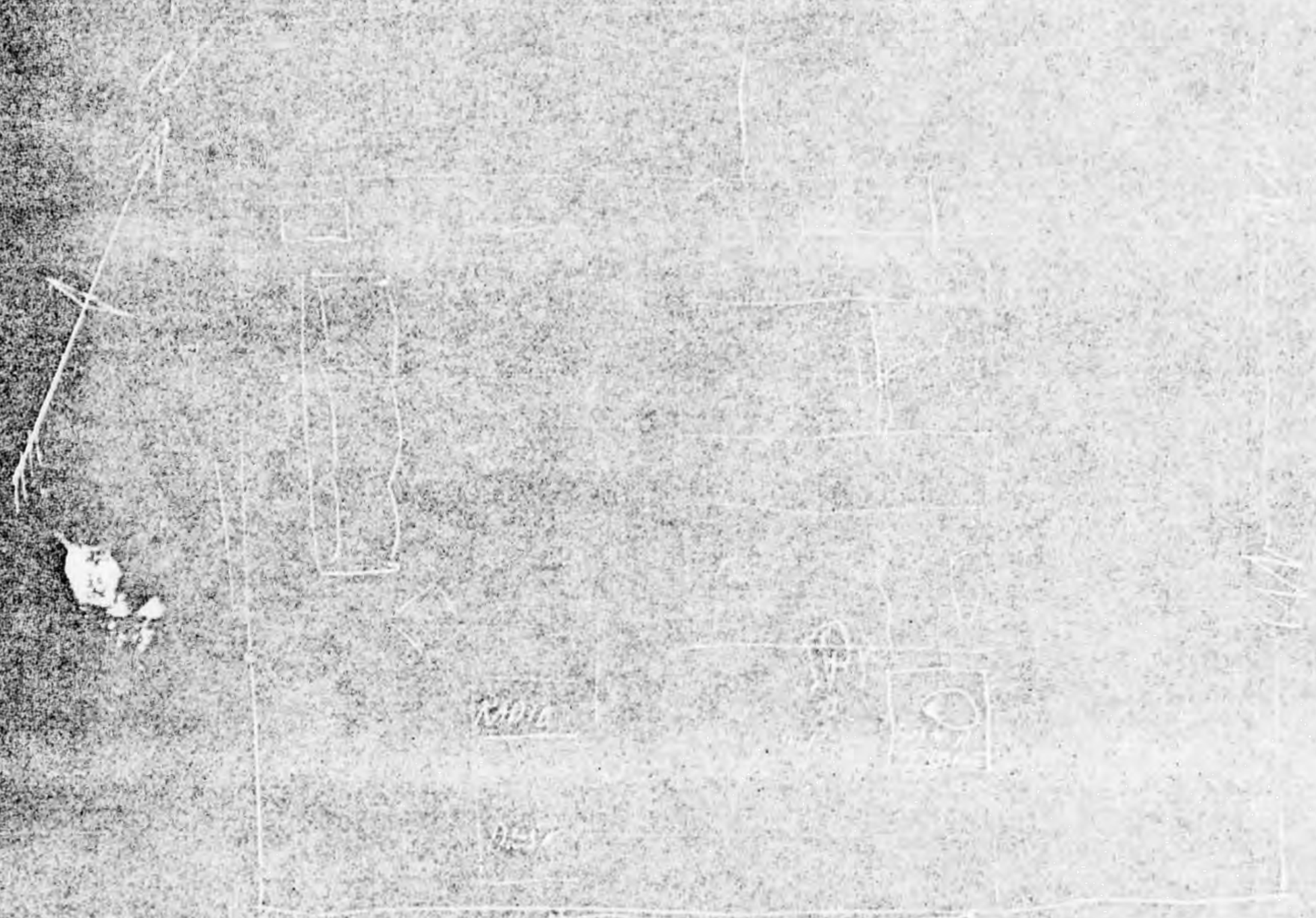
UNCLASSIFIED

OFFICE OF THE AIR INSPECTOR
25 JUNE 1947

MEMORANDUM TO: AC/AS-2, Counter Intelligence Branch

1. Information contained herein and opinions expressed are based upon conversation with and request by Mr [redacted] of your office. All pertain to certain phenomena connected with recent widespread talk of "flying saucers".

2. Approximately three weeks ago, on or about 7 July 1947, I prepared to go to bed around 2230 or 2300 EDT. I was living at [redacted] Arlington, Virginia, with my wife. Illustration No. 1 shows the general layout of the room we occupied at that time. See Illustration No. 1.



Made by Mr. [redacted] Clarus Camera
50 mm F-2 lens.
part of Report by
Col Clingerman and
Lt. Col E.G. Nabell.
Original was a Kodachrome
Ektrome.
Lt. Orders 471350 dated 30 July '47.

FIG 6

UNCLASSIFIED

Made By Mr. [redacted] — Claim Cambra

50 mm F-2 lens.

Original was a Kodachrome

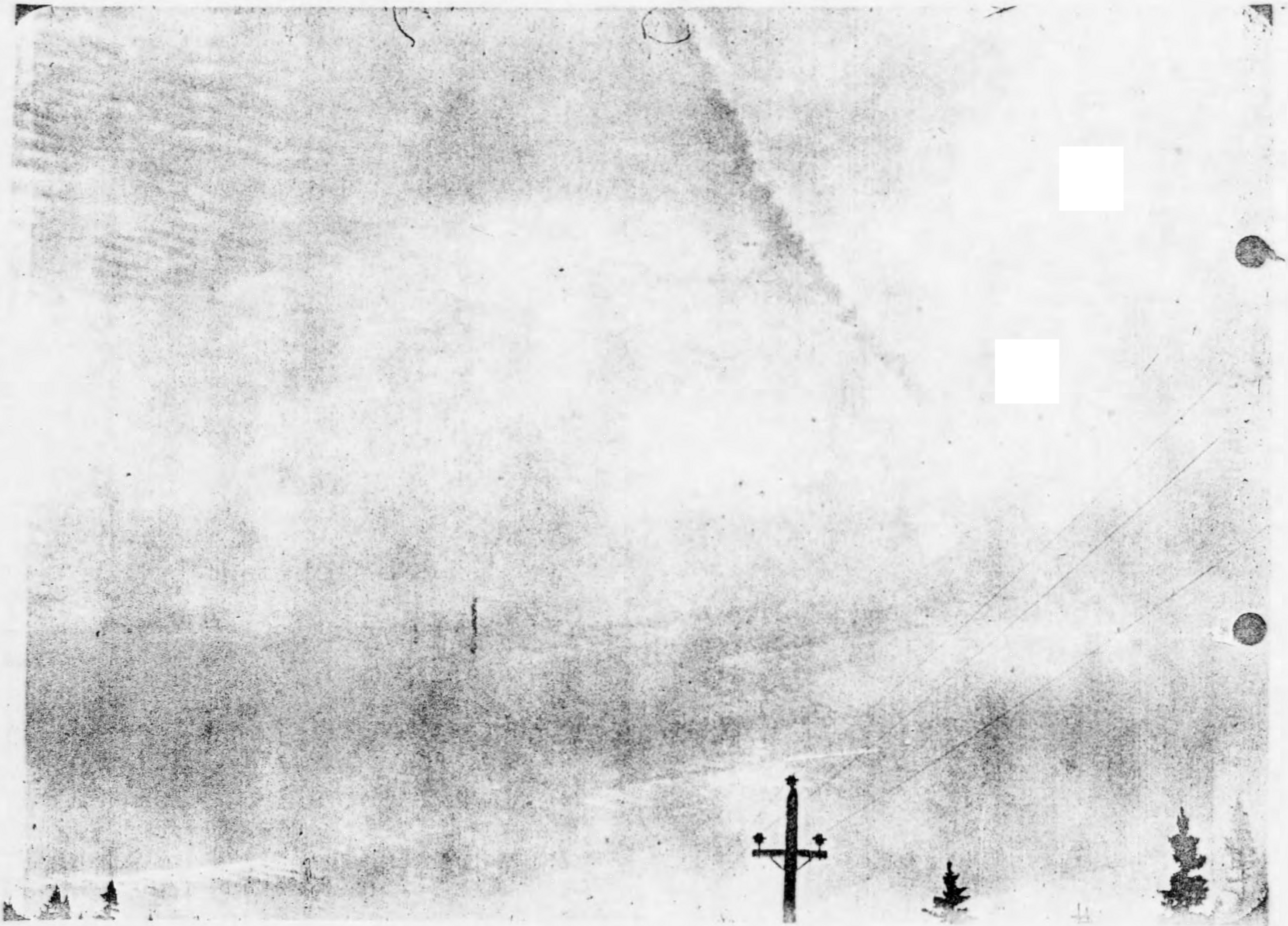
Photo is part of

-ufrd by Col. Clingman

and Lt. Col E.G. Nabell.

Lt. Order 471350 Dated 30 July 47

UNCLASSIFIED



2

[redacted]

20/13452

(PROPERTY LOOTS ... IN CASE) (UNCLASSIFIED)

ATIC NO. ----

DATE OF INFO 20 July 47 (Saturday)

AF NO. ----

LOCATION 22 mi. E of Cumberland Md.

REPORT NO. ----

SOURCE Ex Signal Corps Lt.

DATE OF REPORT ----

DATE IN TO ATIC

TIME OF OBSERVING 0945 dst

COLOR "almost silver white"

SHAPE circular

SPEED 3 to 4 times "DC 4" [illegible]

SIZE "Baseball 30' from eye"

ALTITUDE 12000 ft

COURSE WSW

LENGTH OF TIME OBSERVED 20 sec

NO. IN GROUP 1

TYPE OF OBSERVATION ground

SOUND Soft rumbling increasing in volume to loud roar

MANEUVERS Horizontal flight Object visible overhead and going away from observer

PHOTOS ---- SKETCHES ----

Temporary ATIC Form 329
(2 Jan 52)
(NO CASE IN FILE)

UNCLASSIFIED

[redacted]

Howard A Plumme
Intelligence Officer

Series-4

UNCLASSIFIED 29/2005

29 July 47

UNCLASSIFIED

Incident #63 -- NE of Helena, Montana -- 29 July 1947

With the exception of the color ("like polished nickel") and the lack of statement concerning a trail, the object reported in this incident might very well have been a daylight meteor. Bright meteors have been observed to move in wavy paths. The manner of disappearance ("melted into thin air") further supports this view. Time in sight and speed also check. In short, it is more likely that this object was a bright meteor than that it was anything else.

CASE

(SECRET - UNCLASSIFIED - TABLE OF CONTENTS)

CLASSIFICATION

1. Date 12-05 P. M.

2. Time 8 July 47

3. Location 1/4 mile N of Canyon Ferry dam proceeding N along to leading from Canyon Ferry to Toston - some 25 miles N of Helena

4. Name of observer [redacted]

5. Occupation of observer Division Plant Engr. The Pac. Tel & Tel Co.

6. Address of observer The Pac. Tel & Tel Co.

7. Place of observation 25 MI. of Helena, Montana

8. Number of objects 1

9. Distance of object from observer 2 to 3 miles

10. Time in sight 5 seconds +

11. Altitude 3,000 ft.

12. Speed tremendous

13. Direction of flight NE

14. Tactics Hovering - rising and descending (but remained a distance of some 50-100 ft) - then swooping to the NE at tremendous speed

15. Sound N/S

16. Size 3 ft in dia X 3 or 4 inches in thickness - as seen from observer viewpoint - Apparently huge

17. Color Like polished nickel

18. Shape circular

19. Odor detected N/S

20. Apparent construction Like polished nickel

21. Exhaust trails N/S

22. Weather conditions Blue sky with scattered small clouds. Bright sunshine causing disc to gleam and shimmer.

23. Effect on clouds N/S

24. Sketches or photographs None

25. Manner of disappearance "melted into thin air"

26. Remarks (over)

Observers saw a light also hovering and fluttering in the air. It descended and rose then at a vertical distance of 50 to 100 ft for some 5 seconds and then at the top of an upward zig-zag motion. Keeped to the N at tremendous speed. Travelled some 200 ft and disappeared into the clear air. Appeared to look more like air as a result of the tremendous speed. Appeared to be approximately 3 ft in dia. It took on a trace of thickness from observer's viewpoint. And estimated as considerably greater/at that time was some 2 or 3 miles from the object.

Attachment: [redacted] and [redacted]

Dr HYNEK'S EVALUATIONS EXTRACTED FROM PROJECT GRUDGE REPORT.

INCIDENT INDEX

1. Astronomical

   a. High probability:
   #26, 27, 30, 31, 32, 33, 34, 48, 49, 59, 60, 66, 69, 70, 94, 95, 96, 97, 98, 101, 102, 103, 104, 116, 119, 132, 136, 140, 147, 148, 158, 174, 184, 185, 187, 197, 203, 204, 208, 216, 219, 238.

   b. Fair or low probability:
   #19, 20, 23, 24, 28, 35, 36, 46, 50, 63, 67, 80, 82, 93, 100, 112, 120, 121, 129, 130, 144, 153, 165, 166, 167, 175, 192, 199, 202, 205, 220, 230, 240.

2. Non-astronomical but suggestive of other explanations

   a. Balloons or ordinary aircraft:
   #3, 11, 22, 41, 42, 53, 54, 73, 81, 83, 91, 92, 113, 114, 115, 126, 131, 138, 141, 145, 155, 156, 157, 159, 160, 161, 163, 169, 171, 173, 178, 180, 182, 188, 190, 194, 195, 196, 198, 200, 201, 209, 210, 217, 222, 235, 237, 239.

   b. Rockets, flares or falling bodies:
   #4, 5, 6, 7, 8, 9, 12, 13, 14, 15, 16, 25, 56, 65, 78, 106, 107, 108, 109, 133, 170, 211, 218.

   c. Miscellaneous (reflections, auroral streamers, birds, etc.):
   #39, 89, 123, 124, 128, 146, 164, 181, 189, 214, 221, 231, 234.

3. Non-astronomical, with no explanation evident

   a. Lack of evidence precludes explanation:
   #38, 44, 45, 47, 55, 57, 72, 86, 87, 88, 90, 99, 110, 117, 118, 125, 127, 137, 139, 149, 150, 177, 179, 191, 206, 212, 213, 229, 232, 233.

   b. Evidence offered suggests no explanation:
   #1, 2, 10, 17, 21, 29, 37, 40, 51, 52, 58, 61, 62, 64, 68, 71, 75, 76, 77, 79, 84, 105, 111, 122, 135, 151, 152, 154, 162, 168, 172, 176, 183, 186, 193, 207, 215, 223, 224, 225, 226, 227, 236, 241, 242, 243, 244, 134.

29 July 47

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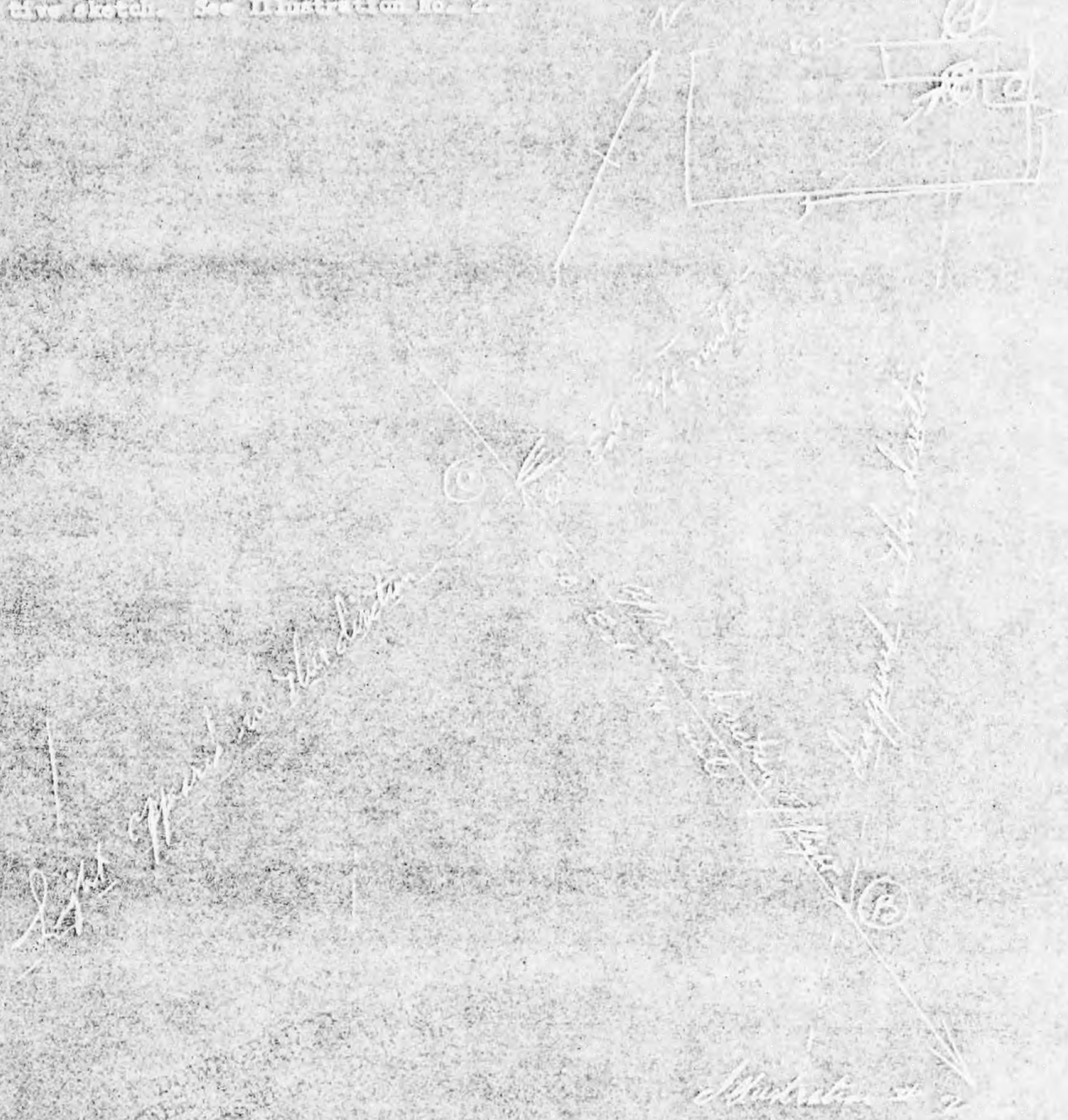
3. I had just turned off the light by my bedside, but sat down on the side of the bed to listen to the end of a radio program before reclining. In the meantime, my wife and I were having some conversation about the selection of certain furniture for a home we had just purchased. At the time of these events, as I sat facing the window, a light appeared at the right-hand edge of the extreme east window and moved rapidly along to disappear below the trees or horizon, or to be extinguished in some fashion at some place in a general southerly direction. This is illustrated on the following page by a very tentative sketch. See Illustration No. 2.



UNCLASSIFIED

Incident #02, a -- Hamilton Field, California -- 29 July 1947

The objects observed here were almost certainly not astronomical, although their speed, shape, and manner of disappearance might tend to the firetail hypothesis. The lack of trail and the "tactics" pursued by the second object make the likelihood of that interpretation very slight; however, the possibility cannot be entirely ruled out if considerable allowance is made for looseness in reporting.

[redacted]

UNCLASSIFIED

HEADQUARTERS FOURTH AIR FORCE
OFFICE OF THE COMMANDING GENERAL
HAMILTON FIELD, CALIFORNIA

4AFDA
333.5/1016

11 SEP 1947

SUBJECT: Investigation of Flying Disc.

TO: Commanding General, Air Defense Command, Mitchel Field, N.Y.
ATTENTION: AC of S, A-2

Attached MOIC for your information.

FOR THE COMMANDING GENERAL:

WILLIAM J. TURNER,
CWO, U. S. Army,
Asst. Adjutant General.

1 Incl:
MOIC, Hubbard, dtd 9 Sep 47.

D 333.5 ID (11 Sep 47) 1st Ind.

HQ AIR DEFENSE COMMAND, Mitchel Field, New York. 18 September 1947

TO: Commanding General, Army Air Forces, Washington 25, D. C.
ATTENTION: AC/AS-2, Air Intelligence Requirements Division

R. H. S.

1 Incl.
n/c

DOWNGRADED AT 12 YEAR
INTERVALS; NOT AUTOMATICALLY
DECLASSIFIED. DOD DIR 5200.10

[redacted]

ADDRESS REPLIES TO COMMANDING GENERAL, FOURTH AIR FORCE

#529

[redacted]

4AF-1208-I
Incident
9 September 1947

Inc 5-a

MEMORANDUM FOR THE OFFICER IN CHARGE:

Mr. [redacted] Berkeley, California, was interviewed 8 September 1947 at his place of employment, the Hearst Mining Building, University of California, concerning flying objects he reported to have seen on 29 July 1947 while with Captain [redacted] of the 415th AAF BU (RT). Mr. [redacted] stated in substance that he was a 1st Lt in the Reserve and that on the 29th of July 1947 shortly after 12 noon he and [redacted] had just landed from a routine training flight when Captain [redacted] called Mr. [redacted]'s attention to an unidentified flying object that was following a P-80 aircraft at a terrific rate of speed. Mr. [redacted] estimated the P-80 to be flying at approximately 250 miles per hour on a preliminary approach to landing at Hamilton Field. In Mr. [redacted]'s estimation the object he saw following the P-80 maintained a speed of three to four times that of the aircraft. A moment later a second object appeared and flew a course described as something similar to a fighter aircraft's maneuvers when accompanying heavier ships, or a left to right movement, over the object first sighted. Mr. [redacted] stated that this maneuvering continued until the objects were out of sight. He estimated the time to be approximately 15 seconds, the course approximately 120 degrees. Mr. [redacted] could not estimate the size of the objects nor actual altitude, though he did not believe them to be beyond six thousand feet. Mr. [redacted] described the objects as being milky white in color, and unlike any conventional type aircraft he had ever seen. When questioned whether he was familiar with the Navy "Flapjack", Mr. [redacted] stated that he was, and that he was certain the objects he reported seeing were not of this nature.

AGENT'S NOTES: Mr. [redacted] is a former officer of the U.S. AAF and a B-29 pilot of considerable experience. Mr. [redacted] does not convey the impression of being the kind of person who would "imagine" that he was seeing objects, nor has he any apparent desire for publicity. Mr. [redacted] is [redacted], Berkeley, California.

[redacted]

#52

COPY

[redacted]

UNCLASSIFIED

Incident
4AF 1208-I
5 August 1947

MEMORANDUM FOR THE OFFICER IN CHARGE:

On 5 August 1947, this agent interviewed Captain [redacted] the [redacted]r in the 415th AAF BU, [redacted] Hamilton Field, California, regarding flying objects in the air. Captain [redacted]d stated in substance: He is an instructor pilot in the 415th Training Unit. On 29 July at 1450, Captain [redacted] and a student, 1st Lt. [redacted] Berkeley, California, landed and parked an AT-6 near the hangar, building 59 of the 415th AAF BU. Walking from the aircraft toward reserve operations, and looking westward just over the hangar, Captain [redacted] saw a P-80 flying southward toward Oakland. Above this P-80, at approximately 8,000 to 10,000 feet in altitude, Captain [redacted] saw two flying objects traveling the same direction as the P-80. He, [redacted], judged the solid, white, somewhat shiny objects were approximately 15 to 25 feet in diameter. [redacted] stated that he didn't call them discs due to the publicity these objects have been given, but in shape they were circular, like a ball on the bottom, but not completely round; and [redacted]d specifically stated that these objects were not airplanes.

The first flying object was traveling straight and level; whereas the second was close behind the first, same altitude, only it seemed to be going from left to right and right to left, more or less like a guard in an aircraft formation. Captain [redacted] further stated that the speed of these two objects made a P-80 look as if it was motionless in the air.

The sky was clear, consequently Captain [redacted] and Lt. [redacted] watched the two objects until they disappeared in flight, supposedly over Oakland, headed toward the ocean.

Due to the noise of the P-80, no sound of any kind could be heard from these flying objects.

These objects did not leave any vapor, smoke, or any visible trails along their flight path.

Captain [redacted]d informed this agent he had never told anyone about these flying objects, fearing that people would think he was crazy.

AGENT'S NOTES: Captain [redacted] showed extreme sincerity throughout the interview, answering all questions with caution and assurance.

JAMES A. NELSON, Spec. Agt., CIC 4AF

UNCLASSIFIED

[redacted]

B/Ltr from AMC
dtd 5 Jan 1949
Subj: Project
"SIGN"

AWS DSS 1st Ind 24 Jan 1949

HEADQUARTERS, AIR WEATHER SERVICE Andrews Air Force Base, Washington 25, D. C.

TO: Commanding General, Air Materiel Command, Wright-Patterson Air Force Base, Dayton, Ohio
ATTN: MCIAXO

Investigations by this headquarters reveal that a synoptic weather balloon could have been at the location where sightings were reported in the following incidents. In compiling this list consideration was given to the wind direction and speed at the surface and aloft at the scheduled time of balloon release, and the location of the nearest weather station making balloon observations.

2	52	91	126
3	72	93	148
4	73	94	155
25	78	105	166
28	81	113	169
36	87	115	172

FOR THE CHIEF AIR WEATHER SERVICE

/s/ W. A. West
W. A. WEST
Lt. Col., USAF
Adjutant General

2 Incls:
n/c

[redacted]

2

CHECK-LIST - UNIDENTIFIED FLYING OBJECTS

UNCLASSIFIED

Incident # 52

1. Date 29 July 47
2. Time 1450
3. Location Hamilton Fld., Calif
4. Name of observer Capt William H. Ryherd
5. Occupation of observer Capt, USAF, - Assistant Operations Officer
6. Address of observer Hamilton Fld
7. Place of observation Hamilton, Fld., Calif. 38° 03' N 122° 31' W
8. Number of objects 2
9. Distance of object from observer observed from ground
10. Time in sight N/S
11. Altitude 8,000 - 10,000 ft
12. Speed very fast - made P-80 look as if it were motionless
13. Direction of flight Southward toward Oakland
14. Tactics 1st object pursued horizontal flight; 2d object seemed to be going from left to right and right to left like guard in aircraft formation
15. Sound No sound heard
16. Size 15-25 ft in diameter
17. Color white shiny
18. Shape circular like a ball
19. Odor detected N/S
20. Apparent construction N/S
21. Exhaust trails None
22. Weather conditions Clear
23. Effect on clouds N/S
24. Sketches or photographs None
25. Manner of disappearance Disappeared in flight
26. Remarks: (over)

DOWNGRADED AT 12 YEAR INTERVALS; NOT AUTOMATICALLY DECLASSIFIED. DOD DIR 5200.10

UNCLASSIFIED

[redacted]

Capt Ryherd saw two unidentified aerial objects at approximately 8,000 to 10,000 ft traveling above a P-80. He thought they were approximately 15 to 25 feet in diameter. In shape they were circular like a ball on the bottom but not completely round. The first flew straight and level but the second flying close behind the first at the same altitude seemed to be going from left to right and right to left - more like a guard in an aircraft formation. Due to the noise of the P-80, no sound could be heard from them. They did not leave any vapor smoke or visible trail. The weather was clear and Captain Ryher and Lt Ward Stewart watched them until they disappeared in flight presumably over Oakland headed toward the ocean.

NOTE: Capt Ryherd showed extreme sincerity throughout the interview

[redacted]

UNCLASSIFIED

CHECK-LIST - UNIDENTIFIED FLYING OBJECTS

Incident # 52A

1. Date 29 July 47
2. Time After 1200
3. Location Hamilton Fld., California
4. Name of observer Ward L. Stewart
5. Occupation of observer 1st Lt., Air Res. (Former B-29 pilot)
6. Address of observer Hearst Mining Bldg., Univ. ov Calif.
7. Place of observation 38° 03' N 122° 31' W
8. Number of objects 2
9. Distance of object from observer N/S
10. Time in sight 15 seconds
11. Altitude 6,000 ft
12. Speed Approx 750 MPH
13. Direction of flight 120°
14. Tactics Similar to fighter a/c when accompanying heavier ships
15. Sound none
16. Size N/S
17. Color milk white
18. Shape N/S
19. Odor detected N/S
20. Apparent construction N/S
21. Exhaust trails None
22. Weather conditions N/S
23. Effect on clouds N/S
24. Sketches or photographs None
25. Manner of disappearance flew out of sight
26. Remarks: (over)

UNCLASSIFIED

[redacted]

Stewart's attention called to unidentified flying object by Capt Ryherd Stewart estimates the P-80 at 250 miles on preliminary approach for landing at Hamilton Fld. Object was estimated to be following P-80 at three or four times its speed. A moment later another object appeared and flew a course described as something similar to a fighter's maneuvers when accompanying a heavier ship, on a left to right movement, over the object first sighted. The object continued this maneuvering until out of sight. Size could not be estimated but not believed to be above 6,000 ft altitude. Described as milky-white in color, and unlike any conventional aircraft seen.

HEADQUARTERS
AIR MATERIEL COMMAND
Wright-Patterson Air Force Base
Dayton, Ohio

MCIAXO-3/EWB/rm
Jan 5 1949

MCIAXO

SUBJECT: Project "SIGN"

TO: Chief, Air Weather Service,
Andrews Air Force Base,
Washington 25, D. C.
ATTN: DSS

1. Project "SIGN" is responsible for the collection, investigation and interpretation of data relative to sighting of unidentified flying objects. Attached Incident Summaries 1 thru 172 from the files of Project "SIGN" are forwarded for study and recommendations as to which of the incidents may be eliminated as balloons released on routine synoptic ascents by the Air Weather Service, the Navy Aerological Service or the United States Weather Bureau. The summaries attached may be retained in your headquarters for working and reference purposes.

2. The Air Weather Service is the only agency of its type that has been asked to assist in the accomplishment of Project "SIGN" except that the United States Weather Bureau has provided information on ball lightning. Research projects in which balloons are used and which are conducted or sponsored by the Army, Navy or United States Air Force are checked by the Intelligence Department of this Command. These checks areusually made direct from the Project "SIGN" Office, MCIAXO-3. These checks are distinct from the check of synoptic balloon flights made by weather service stations of the Air Force, the Navy and the Department of Commerce. (U. S. Weather Bureau) requested of Air Weather Service.

3. It is the opinion of this office that the below listed incidents are those having the greatest possibility of being balloons. This list does not eliminate the possibility that many of the remaining incidents are balloons.

2	24	50	91	113	155
3	25	52	92	115	156
4	28	72	96	126	157
11	30	73	104	141	159
14	31	81	105	143	163
16	32	87	107,8,9	151	167
22	33	89	112(See122)	154	169
23	48				

4. At the time, since my attention was divided and absorbed among the subjects mentioned, my reaction was simply that "a light passed by," and I gave no further thought to the matter until some moments later, when the thought came to me that I had never seen such an object before, and that although the first explanation would have been that a meteor had fallen toward earth in that direction, it did not have the appearance of any meteor or "shooting star" I had ever seen. Thinking of the then prevalent talk of flying disks, I reflected that probably some such thing as I had just seen was the source of a large amount of newspaper and radio publicity on the subject. The next morning I jestingly announced in the office that I saw a flying saucer the night before and thought that it was enroute to Alexandria where some of our officers live. I then went on to say that I supposed it was a shooting star, but that it did look somewhat peculiar. After we had discussed the general topic for some time, I dropped the subject, not wishing to add to the supposed rumors, which I considered as a source of serious panic over the country.

5. A description of the light, or object is almost impossible, since observation of it was so limited. As shown in illustration No. 2, the object appeared to pass in closest proximity to me at the time it came into view. All of my mental calculations were based upon some impression or conception of its distance at the closest point (AC). I had no way of judging this, except in the form of very crude depth perception. If this by any chance were correct, and instead of a distant meteor some object had passed near by, I would assume for purposes of description that the distance AC or the object was about three quarters of a mile. The factor which I could judge quite reliably was the angular elevation. This must have been approximately 5 or 6 degrees. At any rate, the light was intermittently behind the cables three forward of my position as it passed, and these cables are of a normal height, perhaps sixty or eighty feet at a distance several blocks. Based upon a wild assumption as to distance, and a reasonable assumption as to angular elevation, the object would be at a low altitude, considerably below 500 feet, and of a size approximating a small airplane, say 30 feet across. The shape may have been round, oval, discoid, or irregular. At the speed with which it travelled, I could only perceive it as a "blob." I do not consider the distance mentioned to be less than 3/4 mile, because had it been, I feel sure that, late in the evening and with all my windows open, I would have heard some sound, which I definitely did not in this case. It might be well to point out here the relative similarity in size, altitude and airspeed of a bird at a distance of 30 feet, an airplane at about 3/4 mile, and a meteor at several hundred miles. Most of us are familiar with this illusion.

Hq AMC, Chief, Air Weather Service, Washington 25, D. C.
Subj: Project "SIGN"

4. The form used in interrogating witnesses to sightings is inclosed as a matter of interest. Comment as to possible improvement of the "Essential Elements of Information" in regard to routine synoptic balloon flights is invited.

5. It is requested that correspondence be forwarded to the Commanding General, Headquarters, Air Materiel Command, attention MCIAXO-3.

FOR THE COMMANDING GENERAL:

/s/ W. R. Clingerman, Col, USAF
for M. E. McCOY
Colonel, USAF
Chief, Intelligence Dept

2 Incls:
Summaries 1-172 incl
"EEI"

Copies furnished:

AFOIR, Hq. USAF
Capt Trakowski, Geophysics Lab
Major Kodis, MCREEP
Colonel Neal, MCLAWS

3-0114051-A

Dr HYNEK'S EVALUATIONS EXTRACTED FROM PROJECT GRUDGE REPORT.

INCIDENT INDEX

1. Astronomical

   a. High probability:
   #26, 27, 30, 31, 32, 33, 34, 48, 49, 59, 60, 66, 69, 70, 94, 95, 96, 97, 98, 101, 102, 103, 104, 116, 119, 132, 136, 140, 147, 148, 158, 174, 184, 185, 187, 197, 203, 204, 208, 216, 219, 238.

   b. Fair or low probability:
   #19, 20, 23, 24, 28, 35, 36, 46, 50, 63, 67, 80, 82, 93, 100, 112, 120, 121, 129, 130, 144, 153, 165, 166, 167, 175, 192, 199, 202, 205, 220, 230, 240.

2. Non-astronomical but suggestive of other explanations

   a. Balloons or ordinary aircraft:
   #3, 11, 22, 41, 42, 53, 54, 73, 81, 83, 91, 92, 113, 114, 115, 126, 131, 138, 141, 145, 155, 156, 157, 159, 160, 161, 163, 169, 171, 173, 178, 180, 182, 188, 190, 194, 195, 196, 198, 200, 201, 209, 210, 217, 222, 235, 237, 239.

   b. Rockets, flares or falling bodies:
   #4, 5, 6, 7, 8, 9, 12, 13, 14, 15, 16, 25, 56, 65, 78, 106, 107, 108, 109, 133, 170, 211, 218.

   c. Miscellaneous (reflections, auroral streamers, birds, etc.):
   #39, 89, 123, 124, 128, 146, 164, 181, 189, 214, 221, 231, 234.

3. Non-astronomical, with no explanation evident

   a. Lack of evidence precludes explanation:
   #38, 44, 45, 47, 55, 57, 72, 86, 87, 88, 90, 99, 110, 117, 118, 125, 127, 137, 139, 149, 150, 177, 179, 191, 206, 212, 213, 229, 232, 233.

   b. Evidence offered suggests no explanation:
   #1, 2, 10, 17, 21, 29, 37, 40, 51, 52, 58, 61, 62, 64, 68, 71, 75, 76, 77, 79, 84, 105, 111, 122, 135, 151, 152, 154, 162, 168, 172, 176, 183, 186, 193, 207, 215, 223, 224, 225, 226, 227, 236, 241, 242, 243, 244, 134.

The "Llandovery Castle" mystery

The report of what is believed to be the largest saucer ever observed reached the Australian Flying Saucer Bureau from Nairobi, East Africa. Eye witness, Mrs. A. M. King, of P.O. Box 2162, Nairobi, wrote:

"I left Mombasa at the end of June, 1947, on the s.s. *Llandovery Castle* en route to Cape Town, and going through the Straits of Madagascar about the beginning of July was on deck with another lady passenger at approximately 11 p.m. when we noticed a particularly bright star. It was travelling very fast and approached the ship. Suddenly a searchlight appeared which flashed a strong beam of light on the water within 50 yards of the ship. It descended, its beam shortening and becoming brighter as it neared the water, and the next instant there was no more light, but an object appeared apparently made of steel and shaped like a cigar cut at the rear end. It remained in the air about 20 ft. above the sea, parallel with the *Llandovery Castle*, and travelling in the same direction.

"Gaining a little in speed, after a second or two the whole shape disappeared without a sound, from the rear issuing fierce flames which shot out to about half the length of the object. It appeared that there must be something like a huge furnace inside the thing, but still we could hear no noise from the flames. No windows could be seen, only a band of metal round the entire thing, which, if it had been a complete cigar-shape would have been centrally situated.

"The object was very large, about four times the length of the *Llandovery Castle*, and at a rough guess about four times as high.

"We had a wonderful view, but in a few seconds it disappeared. No light was seen forward as it left; it just vanished soundlessly in the darkness. For a while we thought we were the only ones on deck at that late hour, but walking to the prow of the ship we saw there one of the ship's officers with a few passengers, the entire party of whom had seen the same thing. Whether it is recorded in the ship's log, I know not.

"The story I related to my husband and friends, but without them showing any enthusiasm, I let the matter drop, and to my surprise read later of Captain Bicknell's experience over Mount Kilimanjaro in 1951, and saw the exact shape in an illustration of what I had seen and drawn previously for my husband and several friends."

Mrs. King's sketch of the object enclosed with her report tallies in most major respects with a sketch of the object seen by Captain Bicknell and others over Mt. Kilimanjaro in February, 1951, the only perceptible differences being that Mrs. King's reported object did not possess a rear fin as did the Bicknell object; nor did it possess any more than one dark, encircling band about its middle. The Bicknell object had several bands encircling its middle.

AUGUST THROUGH DECEMBER 1947 SIGHTINGS

INCIDENT NUMBER	DATE	LOCATION	OBSERVER	EVALUATION
AUGUST				
	Aug	Milan, Italy (CASE MISSING)	Civilian	Insufficient Data
	DR Aug	Danforth, Illinois	Farmer (~~MISSING~~ PHOTO)	Other (Hoax)
88	3 Aug	Hackensack, New Jersey	[redacted]	Insufficient Data
	4	Boston, Massachusetts	[redacted]	Astro (Sun Dog)
58	4	Bethel, Alaska	[redacted]	A/C
69,70	6	Philadelphia, Pennsylvania	Multiple	Astro (Meteor)
* 66	10	Silver Springs, Ohio	[redacted]	Astro (Meteor)
76	13	Salmon Dam, Idaho	[redacted]	A/C
75	13	Twin Falls, Idaho	[redacted]	Other (Atmospheric)
67	14	S. Placerville, California	[redacted]	Astro (Meteor)
135	15-20	Weaver, South Dakota	AF Officer	~~UNIDENTIFIED~~ Birds
64	19	Twin Falls, Idaho	[redacted]	Other (Birds)
	Late Aug	Holloman AFB, New Mexico	[redacted] (RADAR)	Other (False Targets)
* None	11 Aug	St. Louis, Missouri	[redacted]	None
SEPTEMBER				
51	3	Oswego, Oregon	[redacted]	UNIDENTIFIED
61,62	8	Logan, Utah	[redacted]	Other (Birds)
59	12	Pacific Ocean (Necker I.)	Military Air	Astro (Meteor)
72	17	Ft Richardson, Alaska	Army Officer	Astro (Meteor)
18	20	Toronto, Canada	Not Stated	Other (Hoax)
OCTOBER				
179	Oct	San Francisco, California	Not Stated	Insufficient Data
	Oct	Dodgeville, Wisconsin	Civilian	UNIDENTIFIED
71	8 or 9	Las Vegas, Nevada	[redacted]	~~Other (Contrails)~~
	12	Mexico	Multi	Astro (Meteor)
34	13	Dauphin, Minnesota	Multiple	Astro (Meteor)
37	14	Phoenix, Arizona	[redacted]	UNIDENTIFIED
19	20	Dayton, Ohio	[redacted]	A/C
2[illegible]	20	Xenia, Ohio	[redacted]	A/C
NOVEMBER				
[illegible]	Nov	[illegible]	[redacted]	Insufficient Data
[illegible]	2	Houston, Texas	[redacted]	Astro (Meteor)
[illegible]	12	Cape Blanco, Oregon	[redacted]	Astro (Meteor)
[illegible]	19	[illegible] Pueblo, Colorado (CASE MISSING)		Insufficient Data
[illegible]	Late 1947	[illegible], New Mexico	[redacted]	Other (Flares)
[illegible]	12	Oslo, Norway	[redacted]	Astro (Meteor)
[illegible]	Mid Dec	Northern Arizona	[redacted]	Other (Contrail)
[illegible]	[illegible],77 30	Oregon, Nevada, California	Multiple	Astro (Meteor)
[illegible]	Dec 1947- Jan 1948	Wildwood, New Jersey	[redacted]	Other (Birds)

6. Although I could not accurately judge the time, I seem to recall the object or light was visible for a couple of seconds. Taking this figure literally and applying it to the sketch No. 2, one could roughly compute the speed of the object at 1350 mph; however I did not sense that it was moving with such great speed as this. It rather appeared to move with the speed of a jet-powered airplane. It did not deviate from a straight course while I observed it, and did not perceptibly lose altitude.

7. In color, the subject had the appearance of a reflected white light, a cool, bright white light with no red in it, like the moon on a clear night. There was no trail visible to me, in the form of fire, smoke, or sparks. The weather at the assumed time and date was checked through records of the Bolling Field weather office, and consisted of scattered to broken clouds with visibilities of 10 - 12 miles. The cloud condition is further indication that the object was not necessarily a meteor, since it might have been impossible to see a meteor. I do not personally remember the weather condition, except that I am sure it was not raining.

8. At the time of this occurrence, I was not inclined to think of it seriously enough to make my wife and describing it to her, nor by any reasoning to make official report. As time passed, I thought considerably about the fleeting glimpse I had of whatever I saw, and am still somewhat confused, but feel that it was some natural phenomenon which occurs but rarely. I have flown approximately 2500 hours during the past seven years and being generally familiar with aspects of aviation can emphatically state that (a) it was no weather balloon, (b) it was not the flash of a beacon on the cloud-base, (c) it could hardly have been an airplane on fire, since it would have at least crashed in this general area, (d) it was not entirely a result of imagination, and (e) it was not spending much time in one place.

[redacted]