

PROJECT 10073 RECORD CARD

1. DATE 22 Jan 52		2. LOCATION HENANA, ALASKA		10. CONCLUSIONS ☐ Was Balloon ☐ Probably Balloon ☐ Possibly Balloon ☐ Was Aircraft ☐ Probably Aircraft ☐ Possibly Aircraft ☐ Was Astronomical ☐ Probably Astronomical ☐ Possibly Astronomical ☒ Unusual atmospheric conditions ☐ Insufficient Data for Evaluation ☐ Unknown	
3. DATE OF PICKUP Local 22/0120 AST GMT 22/1020 Z		4. TYPE OF OBSERVATION ☐ Ground-Visual ☐ Ground-Radar ☐ Air-Visual ☒ Air-Intercept Radar			
5. PHOTOS ☐ Yes ☒ No		6. SOURCE Varied Military Personnel			
7. LENGTH OF OBSERVATION --		8. NUMBER OF OBJECTS 1		9. COURSE Varied	
10. BRIEF SUMMARY OF SIGHTING At approximately 1020Z, 22 Jan 52, ground radar site picked up an object traveling at estimated speed of 1350-1500 knots. The radar site lost the object and picked it up again at 1052Z. At 1200Z, F-94 a/c picked up a target and tried to locate it with negative results.				11. COMMENTS 1. Several targets were located the radar scopes but objects were not seen visually. 2. It is believed that the various pick-ups on the radar screens were due to abnormal atmospheric conditions.	

5-745 Report 7

APPENDIX VII

Nenana, Alaska - 22 January 1952

I. DESCRIPTION OF INCIDENT

At 1020Z on 22 January 1952, a radar station at Murphy's Dome, Alaska, observed an unidentified radar return. The target was going away from the station on an azimuth of 210°, at a speed of about 1500 mph when first observed but appeared to reverse its direction and returned toward the station. The set was adjusted so that the target could be observed as it closed in on the station but after this change was made the target was again observed, however, at about its original location, and again going away from the station. Just before it faded, it appeared to be making a turn back toward the station.

At 1030Z an F-94 was airborne to search for the object. At this time the object was going away from the station at a high rate of speed so the F-94 was told to orbit. About this time the ground station lost contact with the object but continued to track the F-94.

At about 1100Z as the F-94 was approaching Nenana (near Fairbanks), the radar observer in the F-94 observed two targets, one faint and one bright. The aircraft was at 30,000 ft. and the target was at 25,000 ft. The targets crossed from right to left and appeared to be traveling slowly and as the F-94 approached the target a high rate of closure was indicated. The contact was lost at a range of 200 yards.

Approximately one hour later, again near Nenana, another contact was made by the F-94. In this instance the target was kept dead ahead and level. When the target was at a range of 200 yards, the pilot pulled up and the target was lost. The rate of closure during the run was 100 knots even though the F-94 had flaps down. No other contacts were made and the aircraft was released at 1210Z.

During the two airborne contacts the F-94 was being tracked by the ground station but the object was not being picked up.

The weather was clear but no visual sighting was made. On the same night, the same crew had visually identified a C-54, a C-47, and a small civilian aircraft from 300 to 500 yards. There were no clouds in the sky but it was a dark night.

No malfunctions were found in either radar set.

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

II. STATUS OF INVESTIGATION

Report by Electronics Branch of ATIC.

Target being slanted instead of perpendicular to radii from radar station indicates possible weather target. Speed may be accounted for by the momentary appearance and disappearance of other weather targets. Further explanation cannot be made.

III. CONCLUSIONS

Target caused by weather phenomena.

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

~~SECRET~~
UNCLASSIFIED

STATG Report 6

APPENDIX II

Nenana, Alaska - 22 January 1952

I. DESCRIPTION OF INCIDENT

At 1020Z on 22 January 1952, a radar station at Murphy's Dome, Alaska, observed an unidentified radar return. The target was going away from the station on an azimuth of 210°, at a speed of about 1500 mph when first observed but appeared to reverse its direction and returned toward the station. The set was adjusted so that the target could be observed as it closed in on the station but after this change was made the target was no longer observed. Seven minutes later (approximately 1030Z) the target was again observed, however, at about its original location, and again going away from the station. Just before it faded it appeared to be making a turn back toward the station.

At 1030Z an F-94 was airborne to search for the object. At this time the object was going away from the station at a high rate of speed so the F-94 was told to orbit. About this time the ground station lost contact with the object but continued to track the F-94.

At about 1100Z as the F-94 was approaching Nenana (near Fairbanks), the radar observer in the F-94 observed two targets, one faint and one bright. The aircraft was at 30,000 ft., and the target was at 25,000 ft. The targets crossed from right to left and appeared to be traveling slowly and as the F-94 approached the target a high rate of closure was indicated. The contact was lost at a range of 200 yards.

Approximately one hour later, again near Nenana, another contact was made by the F-94. In this instance the target was kept dead ahead and level. When the target was at a range of 200 yards, the pilot pulled up and the target was lost. The rate of closure during the run was 100 knots even though the F-94 had flaps down. No other contacts were made and the aircraft was released at 1210Z.

During the two airborne contacts the F-94 was being tracked by the ground station but the object was not being picked up.

The weather was clear but no visual sighting was made. On the same night, the same crew had visually identified a C-54, a C-47, and a small civilian aircraft from 300 to 500 yards. There were no clouds in the sky but it was a dark night.

No malfunctions were found in either radar set.

T52-10889

12

DOWNGRADED AT 3 YEAR INTERVAL
DECLASSIFIED AFTER 12 YEARS.
DOD DLT 5200.10

UNCLASSIFIED

~~SECRET~~
UNCLASSIFIED

II. STATUS OF INVESTIGATION

Report is being studied by the Electronics Branch of ATIC.

III. CONCLUSIONS

Pending.

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

UNCLASSIFIED

~~SECRET~~

UNCLASSIFIED (CLASSIFICATION)

AIR INTELLIGENCE INFORMATION REPORT

FROM (11/10/52)

REPORT NO.

Intelligence Directorate, Hq AAC

IR-1-52

PAGE

2

OF

3

PAGES

At approximately 1020Z, 22 January 1952, Radar Site F-2 made an original contact with an unusual target in the area of Nenana (Point "Jig"). The scope presented the target clearly but on a slant of 15° - 20° instead of perpendicular to radii, the normal manner of presentation. The speed was estimated at 1350 to 1500 knots.

At 1030Z an F-94 (pilot, Lt C.E. Garrett; radar operator, Capt V.D. Ramey) was airborne and vectored to Nenana. F-2 lost the target prior to the aircraft's arrival in the vicinity, so the aircraft was given a patrol mission along the Alaskan Range. At approximately 1052Z, F-2 again contacted this target and held it for about one (1) minute. Due to the fact that the target was outbound in relation to F-2 and to the aircraft and moving at a high rate of speed, no attempt was made to vector the aircraft on the target.

At approximately 1200Z, while the aircraft was en route to Ladd Air Force Base, the radar operator received indication of a target in the Nenana area. Finding the target ahead and low (approximately 24,000 feet altitude), the pilot made an intercept pass from 24,000 yards to 200 yards with a good target on the radar scopes. The overtaking speed was better than 100 knots.

At 200 yards the pilot pulled up and over the apparent target location. Aircraft speed on the run was approximately 250 knots indicated. After going over the target, two (2) 360° turns were made and a search of the area conducted for several minutes without making further radar contact or visual sighting.

During this time F-2 was able to track the F-94 but had no other target visible. The F-94 landed at 1225Z. The weather in the Fairbanks area during this period - 1030Z to 1230Z, 22 January 1952 - was: ceiling unlimited; visibility 15 miles or more. The pilot reported that the Aurora Borealis was brilliant but not exceptionally so.

A pilot and a ground observer reported what appeared to be a comet or meteor to the southwest of Ladd Air Force Base, approximately four (4) hours earlier, this date.

On 23 January 1952, from 1020Z to 1140Z, the same F-94 (pilot, Lt R.R. Diment; radar operator, Lt C.A. Hayward) was dispatched on a mission to see if a target similar to that of 22 January could be found. At approximately 1050Z a radar contact was made at 20,000 yards. The aircraft at this time was between Clear and Nenana at 18,000 feet in a shallow climb. An intercept run was begun and followed through to 2700 yards, at which time the target disappeared. The overtaking speed was more than 100 knots, the aircraft indicating 230 knots.

After radar contact was lost, further search was made in this area. Contact was not made either by radar or visual observation. The weather was clear, with visibility unlimited; the pilot reported that the Aurora Borealis was very active and in his opinion, unusual.

At approximately 1030W, 23 January 1952, a team checked the aircraft, utilized in these flights, for radiation, but with negative results. Due to the time lapse between the flight on 22 January and the time at which this check was made, it is possible that the negative report is not of value.

Dr. C.T. Elvey, Director of the Geophysical Institute, University of Alaska, stated, in effect, that in his opinion it is unlikely that a meteor would produce an indication on a radar set that is not specifically designed or modified for that purpose.

DOWNGRADED AT 3 YEAR INTERVALS;
DECLASSIFIED AFTER 12 YEARS
DOD DIR 520012

UNCLASSIFIED

COUNTRY Territory of Alaska, U.S.A.		REPORT NO. IR-1-52	(LEAVE BLANK)
AIR INTELLIGENCE INFORMATION REPORT			
SUBJECT Unusual Unidentified Radar Targets			
AREA REPORTED ON Ladd Air Force Base, Alaska		FROM (Agency) Intelligence Directorate, Hq AAC	
DATE OF REPORT 8 February 1952	DATE OF INFORMATION 22 and 23 January 1952		EVALUATION F-6
PREPARED BY (Officer) TIMOTHY J. FLANAGAN, Capt, USAF Chief, Elect Intel Br		SOURCE Statements by observers of incidents.	
REFERENCES (Control number, directive, previous report, etc., as applicable) None			

SUMMARY: (Enter concise summary of report. Give significance in final one-sentence paragraph. List inclosures at lower left. Begin text of report on AF Form 113-Part II.)

This report contains a narrative statement based on observer reports and on conclusions of preliminary study of the unusual radar targets which appeared near Ladd Air Force Base, Alaska, on 22 and 23 January 1952.

APPROVED:

Francis H. MacDuff
FRANCIS H. MacDUFF
Lt Col, USAF
Director of Intelligence

17 Incls (1 ea)

1. Msg, 5001st Composite Wg, 22 Jan 52
2. Ltr, Hq Alaskan Comd, 24 Jan 52
3. Ltr, AAC, 25 Jan 52
4. Rept, 5004th Air Intel Sv Sq, 23 Jan 52
5. Statement, Lt A.L. Boyd, Jr., Controller, F-2
6. Statement, Lt J.C. Frost, Maint, F-2
7. Statement, Lt C.E. Garrett, Plt
8. Statement, Capt V.D. Ramey, Radar Observer
9. Statement, Lt R.R. Diment, Plt
10. Statement, Lt C.A. Hayward, Radar Observer
11. Statement, Capt R.B. Peterson, Plt
12. Statement, Lt C.A. Garrett, Plt
13. Statement, J.S. Bangs, Gen Elec Co Tech Repr
14. Statement, J.S. Bangs, Gen Elec Co Tech Repr
15. Statement, A.G. Wedin, Opr Anlys
16. Statement, Lt G.H. Wilkinson, Controller, F-1
17. Overlay, Ftr Track and Unidentified Track

XXXX

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

DISTRIBUTION BY ORIGINATOR

Alaskan Comd, ATTN: J-2
5001st Composite Wg, ATTN: Wg Intel Off

UNCLASSIFIED

(CLASSIFICATION)

AIR INTELLIGENCE INFORMATION REPORT

FROM (Agency)	REPORT NO.	PAGE	OF	PAGES
Intelligence Directorate, Hq AAC	IR-1-52	3	3	3

COMMENTS of Preparing Officer:

The following hypotheses are advanced concerning the aforementioned radar targets:

1. That the energy transmitted from F-1 might have reflected from Mt. McKinley in such a manner as to create these radar targets.

Comment: Due to the frequencies and the pulse repetition frequencies of the radar sets involved (AN/CPS-6B at F-1 and F-2, and the AN/APG-33 in the aircraft) it is thought highly improbable that this hypothesis is a valid one for technical reasons.

2. That ionized gases due to meteor activity might have produced these radar targets.

Comment: It is thought that the presence of a meteor southwest of Ladd Air Force Base at approximately 2000Z, 21 January 1952, might have some bearing on the subject. It is not considered likely, in view of Dr. Elvey's statement, that the meteor itself caused this target return. There is the possibility that the ionized gases, which may have been present with the meteor's passage, might have broken into small clouds (irregular masses of ionized gas) and have been floating around in the upper air. One or more of these clouds, being at the mercy of upper air currents, may have drifted into the area of Ladd Air Force Base. Further, the possibility exists that an ionized cloud may give a radar return. The passage of an aircraft near such clouds, such as happened when the fighter broke off the intercept on both nights, would tend to disturb the surrounding air in such a manner as to disperse the ionized cloud. This would tend to explain the aircraft's inability to re-establish radar contact with the target after an intercept pass. The failure of F-2 to contact a target on 23 January 1952 is not explainable.

3. That the activity of the Aurora Borealis might have produced these radar targets.

Comment: Due to the known effect of the Aurora Borealis on radio in this theater, it is thought that some effect on radar also might be experienced. This is believed to be beyond the scientific capabilities of this Command to determine.

Timothy J. Flanagan
TIMOTHY J. FLANAGAN
Capt, USAF
Chief, Elect Intel Br

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

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.

(CLASSIFICATION)

UNCLASSIFIED

16-55570-1 U. S. GOVERNMENT PRINTING OFFICE

DOWNING
DECE

SECURITY INFORMATION

HEADQUARTERS
ALASKA COMAND
APO 942, U.S. AIR FORCE
SEATTLE, WASHINGTON

SUBJECT: Intelligence Information on Track IV

TO: Commanding General,
Alaska Air Command,
Ketchikan Air Force Base, Alaska

1. It is requested that intelligence and security information be furnished to the Commanding General, Alaska Air Command, Ketchikan Air Force Base, Alaska, on or before 15 January 1952, on the following information:

2. It is requested that the possibility of a sabotage attack occurring in the Ketchikan area during the period that radar systems were being installed in the area be investigated. The results of this investigation should be available to the University of Alaska.

IN COMMAND OF ALASKA AIR COMMAND

FROM: SAC, Seattle, 25 Jan 1952

HEADQUARTERS, ALASKA AIR COMMAND, Ketchikan Air Force Base, APO 942, U.S. AIR FORCE

TO: Commanding General, Alaska Air Command, Ketchikan Air Force Base, APO 942, U.S. AIR FORCE

1. An intelligence team of two (2) officers from the 700th Air Intelligence Squadron is en route to Ketchikan Air Force Base on 25 January 1952 for the purpose of conducting the investigation requested in paragraph one (1) above.

2. A complete report will be forwarded your headquarters upon completion of this investigation.

FOR THE COMMANDING GENERAL

CHIEF OF STAFF

[Signature]
ALMOND H. FAVAGE
CAPTAIN

PAUSE, TERRY
MAJOR
ALASKA AIR COMMAND

[Handwritten notes and stamps]

DECLASSIFIED
DOCUMENT

OFFICE OF THE
JOINT CHIEFS OF STAFF
WASHINGTON, D.C.
19000, 11100-0100
APO 942, D.C. 20310

11000

11000

11000, 11100-0100, 11100-0100

11000, 11100-0100, 11100-0100
11000, 11100-0100, 11100-0100
11000, 11100-0100, 11100-0100
11000, 11100-0100, 11100-0100

1. Reference is made to Joint Chiefs of Staff Memorandum, dated 22 January 1950, concerning unidentified tracks 17 which was reported by 11000-0100-1100.

2. This memorandum contains the information and instructions to the Commanding Officer of the 11000th Airborne Division and the 11000th Airborne Division for making an investigation of the tracks 17 and for making an investigation of the tracks 17 and for making an investigation of the tracks 17.

3. Upon completion of this investigation and study, a detailed report (Form 100-100) will be forwarded to this headquarters.

IN COMMAND OF JOINT CHIEFS OF STAFF

JOINT CHIEFS OF STAFF
WASHINGTON, D.C.
11000, 11100-0100, 11100-0100

11000, 11100-0100, 11100-0100

11000, 11100-0100, 11100-0100
11000, 11100-0100, 11100-0100
11000, 11100-0100, 11100-0100

11000, 11100-0100, 11100-0100
11000, 11100-0100, 11100-0100
11000, 11100-0100, 11100-0100

100-100000

1990年12月20日

1990

SECURITY INFORMATION 25 August 1952

SECRET
U.S. DEPARTMENT OF THE ARMY
OFFICE OF THE CHIEF OF STAFF
WASHINGTON, D.C. 20315
10/1/54

1. Mr. J. Edgar Hoover
 2. Director
 3. Federal Bureau of Investigation
 4. Washington, D. C.
 5. Dear Sir:
 6. I am writing you to inform you that
 7. the following information was received
 8. from the New York Office on
 9. January 1, 1954:
 10. On December 31, 1953, the
 11. New York Office received a letter
 12. from the New York Office of the
 13. Attorney General, dated December
 14. 31, 1953, in which the New York
 15. Office was advised that the
 16. Attorney General had received a
 17. letter from the New York Office of
 18. the Attorney General, dated
 19. December 31, 1953, in which the
 20. Attorney General had received a
 21. letter from the New York Office of
 22. the Attorney General, dated
 23. December 31, 1953, in which the
 24. Attorney General had received a
 25. letter from the New York Office of
 26. the Attorney General, dated
 27. December 31, 1953, in which the
 28. Attorney General had received a
 29. letter from the New York Office of
 30. the Attorney General, dated
 31. December 31, 1953, in which the
 32. Attorney General had received a
 33. letter from the New York Office of
 34. the Attorney General, dated
 35. December 31, 1953, in which the
 36. Attorney General had received a
 37. letter from the New York Office of
 38. the Attorney General, dated
 39. December 31, 1953, in which the
 40. Attorney General had received a
 41. letter from the New York Office of
 42. the Attorney General, dated
 43. December 31, 1953, in which the
 44. Attorney General had received a
 45. letter from the New York Office of
 46. the Attorney General, dated
 47. December 31, 1953, in which the
 48. Attorney General had received a
 49. letter from the New York Office of
 50. the Attorney General, dated
 51. December 31, 1953, in which the
 52. Attorney General had received a
 53. letter from the New York Office of
 54. the Attorney General, dated
 55. December 31, 1953, in which the
 56. Attorney General had received a
 57. letter from the New York Office of
 58. the Attorney General, dated
 59. December 31, 1953, in which the
 60. Attorney General had received a
 61. letter from the New York Office of
 62. the Attorney General, dated
 63. December 31, 1953, in which the
 64. Attorney General had received a
 65. letter from the New York Office of
 66. the Attorney General, dated
 67. December 31, 1953, in which the
 68. Attorney General had received a
 69. letter from the New York Office of
 70. the Attorney General, dated
 71. December 31, 1953, in which the
 72. Attorney General had received a
 73. letter from the New York Office of
 74. the Attorney General, dated
 75. December 31, 1953, in which the
 76. Attorney General had received a
 77. letter from the New York Office of
 78. the Attorney General, dated
 79. December 31, 1953, in which the
 80. Attorney General had received a
 81. letter from the New York Office of
 82. the Attorney General, dated
 83. December 31, 1953, in which the
 84. Attorney General had received a
 85. letter from the New York Office of
 86. the Attorney General, dated
 87. December 31, 1953, in which the
 88. Attorney General had received a
 89. letter from the New York Office of
 90. the Attorney General, dated
 91. December 31, 1953, in which the
 92. Attorney General had received a
 93. letter from the New York Office of
 94. the Attorney General, dated
 95. December 31, 1953, in which the
 96. Attorney General had received a
 97. letter from the New York Office of
 98. the Attorney General, dated
 99. December 31, 1953, in which the
 100. Attorney General had received a
 101. letter from the New York Office of
 102. the Attorney General, dated
 103. December 31, 1953, in which the
 104. Attorney General had received a
 105. letter from the New York Office of
 106. the Attorney General, dated
 107. December 31, 1953, in which the
 108. Attorney General had received a
 109. letter from the New York Office of
 110. the Attorney General, dated
 111. December 31, 1953, in which the
 112. Attorney General had received a
 113. letter from the New York Office of
 114. the Attorney General, dated
 115. December 31, 1953, in which the
 116. Attorney General had received a
 117. letter from the New York Office of
 118. the Attorney General, dated
 119. December 31, 1953, in which the
 120. Attorney General had received a
 121. letter from the New York Office of
 122. the Attorney General, dated
 123. December 31, 1953, in which the
 124. Attorney General had received a
 125. letter from the New York Office of
 126. the Attorney General, dated
 127. December 31, 1953, in which the
 128. Attorney General had received a
 129. letter from the New York Office of
 130. the Attorney General, dated
 131. December 31, 1953, in which the
 132. Attorney General had received a
 133. letter from the New York Office of
 134. the Attorney General, dated
 135. December 31, 1953, in which the
 136. Attorney General had received a
 137. letter from the New York Office of
 138. the Attorney General, dated
 139. December 31, 1953, in which the
 140. Attorney General had received a
 141. letter from the New York Office of
 142. the Attorney General, dated
 143. December 31, 1953, in which the
 144. Attorney General had received a
 145. letter from the New York Office of
 146. the Attorney General, dated
 147. December 31, 1953, in which the
 148. Attorney General had received a
 149. letter from the New York Office of
 150. the Attorney General, dated
 151. December 31, 1953, in which the
 152. Attorney General had received a
 153. letter from the New York Office of
 154. the Attorney General, dated
 155. December 31, 1953, in which the
 156. Attorney General had received a
 157. letter from the New York Office of
 158. the Attorney General, dated
 159. December 31, 1953, in which the
 160. Attorney General had received a
 161. letter from the New York Office of
 162. the Attorney General, dated
 163. December 31, 1953, in which the
 164. Attorney General had received a
 165. letter from the New York Office of
 166. the Attorney General, dated
 167. December 31, 1953, in which the
 168. Attorney General had received a
 169. letter from the New York Office of
 170. the Attorney General, dated
 171. December 31, 1953, in which the
 172. Attorney General had received a
 173. letter from the New York Office of
 174. the Attorney General, dated
 175. December 31, 1953, in which the
 176. Attorney General had received a
 177. letter from the New York Office of
 178. the Attorney General, dated
 179. December 31, 1953, in which the
 180. Attorney General had received a
 181. letter from the New York Office of
 182. the Attorney General, dated
 183. December 31, 1953, in which the
 184. Attorney General had received a

1. The first part of the document is a letter from the President of the United States to the Congress, dated January 1, 1861. It is a formal address, and it is the first of its kind since the signing of the Constitution. The President, James Buchanan, is addressing the Congress, and he is doing so in a very formal and dignified manner. He is discussing the state of the Union, and he is also discussing the issue of slavery. He is saying that the Union is in a state of peril, and that he is doing everything in his power to preserve it. He is also saying that he is not going to interfere with the rights of the States, and that he is not going to interfere with the rights of the people. He is saying that he is going to do everything in his power to preserve the Union, and that he is going to do everything in his power to preserve the rights of the States and the people.

[illegible]

1. The first step in the process of the development of a new product is the identification of a market need. This is often done through market research, which can be conducted in a variety of ways, including surveys, focus groups, and interviews. The goal is to understand what customers want and need, and to identify any gaps in the current market.

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED
DATE 01-11-2001 BY 60322 UCBAW/SJS/STP

Ch. 11

[Faint, illegible handwritten notes]

SECRET

Subject: Investigation of Events at Fanning Island, March 17, 1962
22 January 1962 (Confidential)

On 17 March 1962, a C-47 aircraft from the 1st Air Force, which was en route to Fanning Island, was intercepted by a Soviet aircraft. The Soviet aircraft was identified as a MiG-17. The Soviet aircraft was in a position to land on Fanning Island.

The 1st Air Force, which was en route to Fanning Island, was intercepted by a Soviet aircraft. The Soviet aircraft was identified as a MiG-17. The Soviet aircraft was in a position to land on Fanning Island.

At the time of the incident, the radar station at Fanning Island was manned by a single operator. The operator was unable to identify the Soviet aircraft. The operator was unable to identify the Soviet aircraft.

Recommendation: It is recommended that the 1st Air Force be alerted to the possibility of Soviet aircraft intercepting their aircraft. It is recommended that the 1st Air Force be alerted to the possibility of Soviet aircraft intercepting their aircraft.

5. Initial
Statement

[Signature]
CARLTON H. HARRIS
Major, USAF
Commander

(Investigating Officers) *[Signature]* *[Signature]*
CARLTON H. HARRIS JAMES E. HARRIS
Major, USAF Captain, USAF

SECURITY INFORMATION

SECRET

14-00000
3

14-00000

CHAMBERLAIN

...the

15-00000

DECLASS

A black and white photograph of a textured surface, possibly a book cover or endpaper. The texture is dense and irregular, featuring a pattern of small, dark, irregular spots and fibers against a lighter, mottled background. The overall appearance is grainy and aged, with no discernible text or figures.

1945-1946

1917-18

[illegible]

1954年12月15日

1911

1990

26

Figure 1 is a line graph illustrating the percentage of the total sample for various age groups across different years. The y-axis represents the percentage of the total sample, ranging from 0 to 100. The x-axis represents the years, with labels for 1970, 1980, 1990, 2000, 2010, and 2020. The age groups are: 0-14, 15-24, 25-34, 35-44, 45-54, 55-64, 65-74, and 75+. The graph shows a general trend of aging, with the 0-14 group decreasing and the 65+ groups increasing over time.

Age Group	1970	1980	1990	2000	2010	2020
0-14	15.0	14.0	13.0	12.0	11.0	10.0
15-24	12.0	11.0	10.0	9.0	8.0	7.0
25-34	10.0	9.0	8.0	7.0	6.0	5.0
35-44	8.0	7.0	6.0	5.0	4.0	3.0
45-54	6.0	5.0	4.0	3.0	2.0	1.0
55-64	4.0	3.0	2.0	1.0	0.5	0.5
65-74	2.0	3.0	4.0	5.0	6.0	7.0
75+	1.0	2.0	3.0	4.0	5.0	6.0

[illegible]

10-290716

1900

1911

CONCLUSION

1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 26

1991

4-11-76

177

[illegible][illegible]

1934-1935

1-61376

CONFIDENTIAL

CONFIDENTIAL

As I have previously been told, I am before you on this matter, I am not sure if I am with the same type of matter, thinking it must be cleared by the CIA staff.

JOHN D. HART
Captain, Radar Observer, All Weather

This is a certified true copy

John D. Hart
JOHN D. HART
Captain, USAF

DOWNGRADED AT
DECLASSIFIED

SECURITY INFORMATION

CONFIDENTIAL

UNCLASSIFIED

1951-1952

1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific requirements of the task.

1990

1950

The image is a severely degraded scan of a document page. It consists of a dense, chaotic pattern of horizontal lines, speckles, and noise. The overall appearance is that of a corrupted or heavily damaged scan, where the original text and layout are completely lost to a sea of black and white artifacts. No legible text or identifiable figures are present.

Paul C. [illegible]
[illegible]
[illegible]
[illegible]
[illegible]

UNCLASSIFIED

SECURITY INFORMATION
CONFIDENTIAL

0229

6-19
141176

140TH BOMBING INTERMEDIATE SQUADRON
14TH AIR FORCE BASE
APO 751, U.S. AIR FORCE

322 921000

25 JANUARY 1952

Richard B. Peterson, Captain, USAF, 14488 A, while flying in intercept missions from Tullam Air Force Base have picked up and picked onto with our aircraft radar set, which we called "ghost targets".

In one particular mission, we looked onto a target dead ahead and high at approximately 17,000 yards on two different occasions and in relative close range at the block on was maintained on the to target until it was no longer in our radar position. Investigation revealed no aircraft flying in that area. Weather was not a factor. Missions were flown during the period of May 25 to June 9, 1951.

Richard B. Peterson
RICHARD B. PETERSON
Captain, USAF
14488 A

140TH BOMBING INTERMEDIATE SQUADRON

Richard B. Peterson

140TH BOMBING INTERMEDIATE SQUADRON
CAPTAIN
USA

IDENTITY INFORMATION

CONFIDENTIAL

140TH BOMBING INTERMEDIATE SQUADRON

Jul 11 1951
140TH BOMBING INTERMEDIATE SQUADRON

HEADQUARTERS
ALASKA AIR CORPS
1490 HODGE AIR FORCE BASE
100 912, U. S. AIR FORCE

DATE: JAN 27 1954

31 January 1954

STATEMENT
(James C. Davis, Captain)

STATEMENT OF INFORMATION

I presented a theory which would tend to explain the radio signal intercepts over Mt. McKinley. I present this as a possibility though I would admit it has to duplicate the condition.

By coincidence, on that night we stopped our antennas for maintenance some time between 1100Z and 1115Z with the beam pointed on Mt. McKinley or within 5° of that peak. This was known since we had had reason to check the bearing shortly after stopping rotation. As far as we know none of the stations recorded in our changed notes was time between 1105Z and 1100Z. These times coincide closely with the time of initial pickup and final loss of the signal.

Three things are necessary to give this result:

1. Our transmitter frequencies must, in at least one case, be the same as one of their receivers.
2. Our antennas must be pointed at a target (i.e.,) which can be seen by both sides.
3. The radio frequencies of the two sets should be nearly equal (almost identical).

Condition 1 is probably present at least once a week by the nature of average police radio frequencies. It occurred over a line of frequency which had the two systems use the same range of frequencies.

But, though close, it is improbable that they would be quite so identical. However, such a condition is always possible.

Our antennas was stopped on Mt. McKinley, which can be seen by both sides.

The conditions could be possible, and even though unlikely, I feel that the possibility should be considered.

The reason the track appeared as dots rather than as a line may be that, even though our beam was considerable, that it could reflect off the other side of the mountain, or more to travel from mountain to mountain by way of several small peaks which were relatively close together would give them a point plot.

End of Statement

12
11

007964 10-01-82

1990

THE
NEW
STANDARD
ENGLISH
DICTIONARY

1950-1951

1. The first of these is the fact that the majority of the population of the United States is now living in urban areas. This is a result of the process of urbanization, which has been going on since the beginning of the 20th century. The population of the United States has increased from about 100 million in 1900 to over 200 million in 1950. At the same time, the population of rural areas has decreased from about 100 million in 1900 to about 50 million in 1950. This has led to a concentration of the population in urban areas, which has had a profound effect on the economy and society.

U.S. GOVERNMENT PRINTING OFFICE: 1964

7/1/55 1. 11.25
2. 11.25 11.25 11.25 11.25
3. 11.25 11.25 11.25 11.25
4. 11.25 11.25 11.25 11.25

1943-44

1944

CONFIDENTIAL - ORIGIN ON FILE

HEADQUARTERS
ACTIVE AIR CORPS
MEMPHIS AIR FORCE BASE
APO 942, U. S. AIR FORCE

RESTRICTED
STATEMENT

21 January 1954

The main objective of the mission was to determine the feasibility of transmitting the results of the mission. We stopped the engine at some point and changed the altitude of the aircraft over a considerable range. No data were received by R-2.

/s/ JAMES S. HARRIS
Flight Officer, Reserve
General Electric Co.

COPIES TO: [illegible]
James S. Harris
Flight Officer, Reserve
General Electric Co.

DOWNING UNIT
DECLASSIFIED

DECLASSIFIED

SECURITY INFORMATION

1-14-54

Del 14/19
[illegible]

DECLASSIFIED

THE UNIVERSITY OF CHICAGO

October 1941

1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 26



1944

1944

4/15
10/10/40

DD FORM 96

UNCLASSIFIED

MEMORANDUM
ALAN ARNOLD
MEMORANDUM FOR THE RECORD
1965 JAN 21 10 30 AM

21 JAN 1965

STATE DEPT
(Circulation: 100, 100, 100)

There is a need for a more effective system of planning and control in the area of foreign aid. The present system is based on a number of assumptions which are no longer valid. It is necessary to develop a new system which will be more flexible and responsive to the needs of the recipient countries. This system should be based on a more realistic assessment of the needs of the recipient countries and should be designed to provide them with the resources they need to develop their economies and improve their standards of living. The new system should be based on a more realistic assessment of the needs of the recipient countries and should be designed to provide them with the resources they need to develop their economies and improve their standards of living.

(S) SECRETARY OF STATE
JAN 21 1965
Foreign Aid Office, Department of State

100-100000-1000
James H. Thompson
JAN 21 1965
Foreign Aid Office, Department of State

SECURITY INFORMATION

Page 10

616
161176 21

BL

VIRGINIA

WISCONSIN

NEW YORK



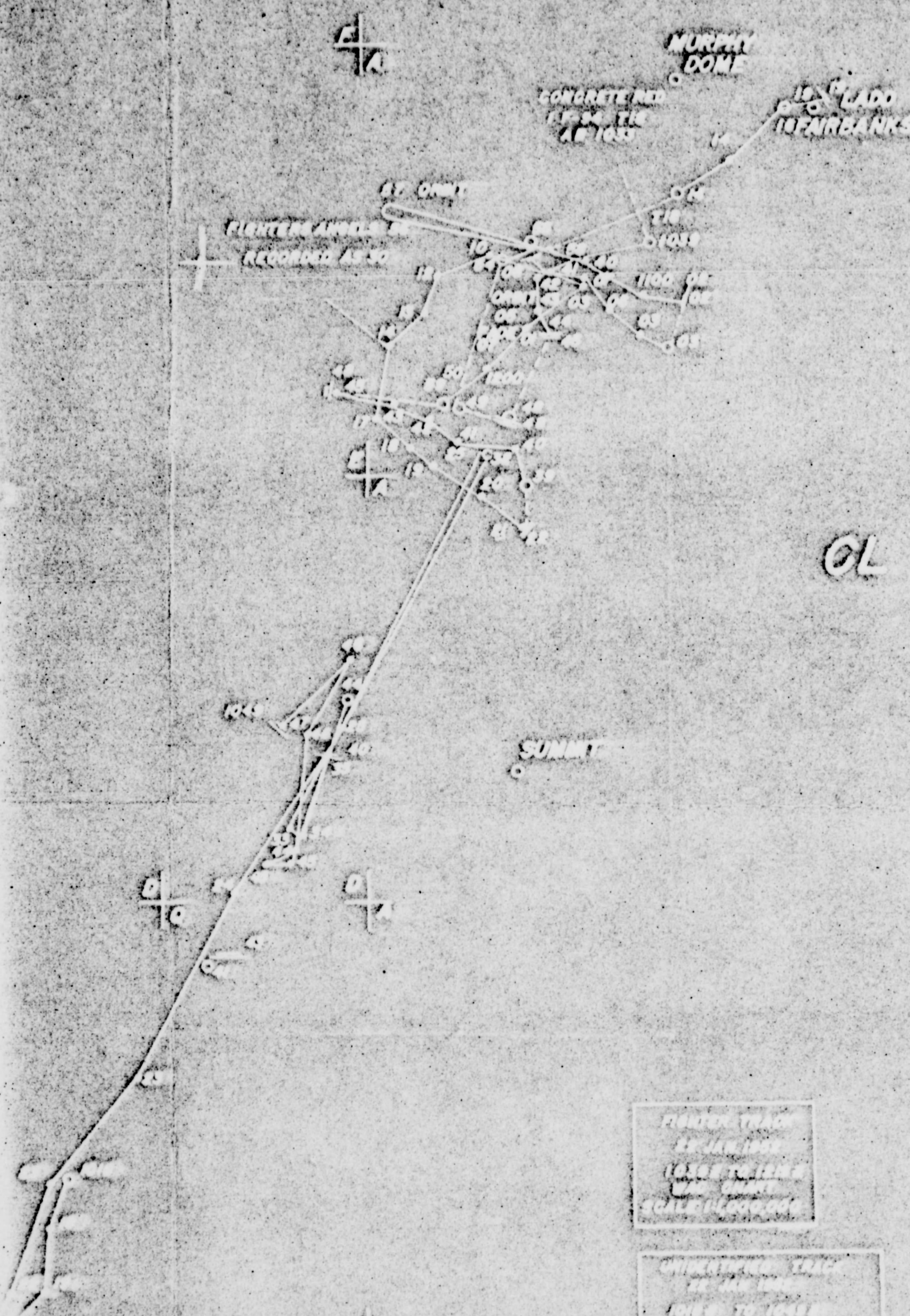
RECEIVED
JAN 14 1944

DOWNGR
DECL

RECEIVED
JAN 14 1944

UNCLASSIFIED

SECRET
AUTHORITY OF CS 240
DATE 07-11-2011



Sketch
01411176

OL

REVISION TRACK
20 JAN 1960
1000 1000
1000 1000
1000 1000

REVISION TRACK
20 JAN 1960
1000 1000
1000 1000
1000 1000
1000 1000
1000 1000
1000 1000
1000 1000
1000 1000
1000 1000

UNCLASSIFIED

DOWNGRADED AT 3 YEARS
DECLASSIFIED AT 12 YEARS
DOD DIB 60001

22

22 Jan, 1952

NENANA, ALASKA