PROJECT 10073 RECORD CARD

1. DATE 7 July 1948	2. LOCATION West Rindge, N. H.	12. CONCLUSIONS ☐ Was Balloon ☐ Probably Balloon ☐ Possibly Balloon ☐ Was Aircraft ☐ Probably Aircraft ☐ Possibly Aircraft ☐ Was Astronomical ☐ Probably Astronomical ☐ Possibly Astronomical ☐ Other ☒ Insufficient Data for Evaluation ☐ Unknown
3. DATE-TIME GROUP Local 1500 GMT	4. TYPE OF OBSERVATION ☒ Ground-Visual ☐ Ground-Radar ☐ Air-Visual ☐ Air-Intercept Radar	
5. PHOTOS ☐ Yes ☒ No	6. SOURCE Male Civilian	
7. LENGTH OF OBSERVATION	8. NUMBER OF OBJECTS / 9. COURSE	

10. BRIEF SUMMARY OF SIGHTING

Several people noticed little curls of smoke on a lawn. Upon investigation small burned spots about 1½ inches in diameter were found. Fires were apparently caused by metallic fragments similar to the lining of V-2 bombs.

11. COMMENTS

Investigation not completed, possibly the lining from a jet turbo plane.

ATIC FORM 329 (REV 26 SEP 52)

RESTRICTED

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Incident #214 -- West Rindge, New Hampshire -- 7 July 1948

Inasmuch as the metallic particles concerned in this incident have been independently identified at MIT as parts of a cast-iron cylinder, an astronomical explanation of the incident is precluded. However, as a matter of general interest, it should be noted that iron meteorites could have produced the same effect. It is assumed, of course, that the MIT examination excluded the possibility of these particular particles being meteoritic.

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No. 214: No information whatsoever.

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

In Reply
Refer To: AWS DSS

11 May 1949

SUBJECT: Unidentified Flying Objects

TO : Commanding General
Air Materiel Command
Wright-Patterson Air Force Base
Dayton, Ohio
ATTN: MCIAXO-3

1. Reference is made to letter from your headquarters, MCIAXS, dated 9 March 1949, subject "Unidentified Flying Objects," and first indorsement thereto by this headquarters, dated 31 March 1949.

2. The incident summaries 173 through 233 have been checked against routine weather-balloon ascents made by the Air Force, Navy and Weather Bureau. Comments based on this review are inclosed.

3. It is recommended that the "Guide To Investigation Of Unidentified Aerial Objects" be changed as follows: Item 13, "Direction of Flight of Object," should be clarified so that vertical and horizontal motions are distinguished if possible, and so that motion is specified as the direction towards which the object appears to move. "Relative to Radar Settings" should include a statement of the type of radar set used.

FOR THE CHIEF, AIR WEATHER SERVICE

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

2 Incls:
1 - Incident Summaries
2 - Comments 173 thru 233

INCIDENT SUMMARY SHEET

Incident No. 214

1. Date and Time of Observation: 7 July 1948

2. Where Sighted: Rt 202 - West Rindge, N. H.

3. Observer's Position: Ground
(i. e., ground, air, control tower, etc.)

4. Name and Address of Observer: [redacted], West Rindge, N. H.

5. Occupation and/or hobbies: Vice Pres. New England Tel & Tel Co.

6. Attention Attracted by: Curls of smoke

7. Number of Object(s) Seen:

8. Size of Object(s):

9. Color of Object(s): Case now under investigation

10. Shape (Sketch if Possible)

11. Nature of Luminosity:
(directed beam of light?)

12. Altitude of Object:
(estimated)

13. Estimated Distance of Object from Observer:

14. Estimated Speed of Object:

15. Time in Sight:

16. Tactics:

17. Sound Made by Object(s):

18. Direction of Flight of Object(s)

19. Apparent Construction:

20. Effect on Clouds:

21. Exhaust Trail (Color of):

22. Manner of Disappearance:

23. Weather Conditions at Time of Sighting:

24. Peculiarities Noted:

25. Summary of Incident:
(S[redacted] page)

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[redacted]

FEDERAL BUREAU OF INVESTIGATION
U. S. DEPARTMENT OF JUSTICE
COMMUNICATIONS SECTION
JULY 18, 1947

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TELETYPE

WASHINGTON FROM BOSTON 3 18 10-53P

DIRECTOR

METAL FRAGMENTS OBSERVED AT WEST RINDGE, N.H., JULY SEVEN, FORTHSEVEN
SECURITY MATTER-X. DEAN [redacted], SECURITY OFFICER, M.I.T.,
CAMBRIDGE, MASS., ADVISED THAT TODAY HE WAS IN CONTACT WITH ONE [redacted]
[redacted]R, OF WEST RINDGE, N.H., A RETIRED VICE PRESIDENT OF THE NEW
ENGLAND TEL. AND TEL. CO. MR. [redacted] ADVISED THAT AT APPROXIMATELY THREE
PM ON JULY SEVEN LAST SEVERAL PEOPLE SITTING ON A PORCH OBSERVED ON THE
LAWN OF [redacted]D, ROUTE TWO NAUGHT TWO, WEST RINDGE, N.H., LITTLE CURLS
OF SMOKE, WHICH [redacted] INSPECTION DISCLOSED SMALL BURNED SPOTS ABOUT ONE AND
ONE HALF INCHES IN DIAMETER ON THE GREEN LAWN. ALSO IN THE LONG DRY
GRASS ON BOTH SIDES OF ROAD IN A CIRCLE APPROXIMATELY TWO HUNDRED FEET
IN DIAMETER SEVERAL LITTLE BLAZES HAD STARTED AND THE FIRE
DEPT. WAS CALLED. FIRES WERE APPARENTLY CAUSED BY METALLIC FRAGMENTATI NS
WHICH WERE TURNED OVER TO PROFESSOR RENTGES, OF MIT, BY MR. PARKE
D. APPEL, OF THE TELEPH NE COMPANY. RENTGES HAS ADVISED DEAN BUNKER
THAT THEIR GENERAL APPEARANCE ARE SIMILAR TO THE LINING OF
V DASH TWO BOMBS, WHICH HE HAD OBSERVED AT NEW MEXICO. PROFESSOR L.H.
DENALD, AN OUTSTANDING METALLURGIST AT MIT, STATED THAT THEY ARE POSSIBLY
THE LINING FROM A JET TURBO PLANE. AT PRESENT TIME HE IN PROCESS OF ANALYZING
TWO OF THESE PIECES. THESE SCIENTISTS IN ROUGHLY RECONSTRUCTING THE METALLIC
OBJECT STATE IT WAS APPROXIMATELY FOURTEEN INCHES IN DIAMETER, THREE
SIXTEENTH OF AN INCH THICK, AND MACHINE TOOLED, AND SOME FRAGMENTS
INDICATED THEY WERE BURNED AND APPEARED TO HAVE BEEN SUBJECTED TO
TERRIFIC HEAT. THESE SCIENTISTS ARE TREATING THIS MATTER AS CLASSIFIED
INFORMATI N. MR. [redacted]R, AT WEST RINDGE, N.H. IS ALSO ENDEAVORING TO
COLLECT ADDITIONAL FRAGMENTS AND HAS STATED THAT THE FIRE CHIEF AT WEST
RINDGE HAS ALSO SEVERAL FRAGMENTS IN HIS POSSESSION. MR. [redacted] INDICATED
THAT THE WHITEHEAD RESIDENCE IS SEVEN TO EIGHT HUNDRED FEET EAST OF THE
RAILROAD TRACKS. [redacted]R STATED HE WILL MAKE THE RESULTS OF M I T
RESEARCH AVAILABLE IF SIGNIFICANT. OPINIONS OF SCIENTISTS AS SET FORTH ABOVE
SUGGEST POSSIBLE MILITARY INTEREST. MILITARY AUTHORITIES AT BOSTON HAVE NOT BEEN
NOTIFIED.

SCHEY

HOLD

ORIGINAL—DIRECTOR

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[redacted]

214

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MXA3-File

MCIAIO-3 9 November 1948

Federal Bureau of Investigation
U. S. Department of Justice
Washington, D. C.
ATTN: Communications Section

Gentlemen:

This office is engaged in a continual investigation of all reported sightings of unidentified aerial objects, and has in its possession a teletype from the Boston FBI Field Office, copy attached, dated 18 July 1947, concerning metal fragments observed at West Ringe, New Hampshire on 7 July 1947.

The following information concerning this matter is requested:

Present status of investigation

Nature of metal found

Origin of metal

Disposition of metal fragments

If available, will it be possible to forward physical evidence for further examination?

Were all possibilities of domestic origin of the unidentified object eliminated from consideration by the investigation?

Five copies of a list entitled, "Essential Elements of Information" to serve as a guide in conducting future interviews of observers of unidentified aerial phenomena are inclosed.

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AMC
Subj: Project "Sign"

It is further requested that all available data be forwarded directly to the Commanding General, Headquarters Air Material Command, Wright-Patterson Air Force Base, Dayton, Ohio, Attention: MCIAXO-3.

Sincerely yours,

2 Incls:
1. Cy of Teletype dtd 18 July 47
2. 5 Cys EEI Form

W. R. CLINGERMAN
Colonel, USAF
Chief, Tech Intelligence Division
Intelligence Department

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[redacted]

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7 DEC 1948

SUBJECT: Metal Fragments Observed at West Ridge, New Hampshire, 7 July 1947

TO: Commanding General
Hq, Air Materiel Command
Wright-Patterson Air Force Base
Dayton, Ohio
ATTN: MCIAXD-3

1. Reference is made to a letter dated 9 November 1948, from Colonel W. R. Clingerman, USAF, Chief, Tech Intelligence Division, Intelligence Department, Department of the Air Force, to the Federal Bureau of Investigation, requesting that information concerning the above subject be forwarded to Commanding General, Air Materiel Command, Attn: MCIAXD-3.

2. The attached information pertaining to above subject which was received by this Headquarters from the Federal Bureau of Investigation is hereby transmitted in compliance with original request.

BY COMMAND OF THE CHIEF OF STAFF:

1 Incl
Extract fr ltr, FBI,
dtd 26 Nov 48, subj
as above

HUGH J. KNERR
Major General, USAF
The Inspector General, USAF

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UNITED STATES DEPARTMENT OF JUSTICE
FEDERAL BUREAU OF INVESTIGATION
WASHINGTON, D. C.

Date: November 26, 1948

To: Director of Special Investigations (IG)
Department of the Air Force
Washington 25, D.C.

From: John Edgar Hoover, Director, Federal Bureau of Investigation

Subject: FLYING FRAGMENTS OBSERVED AT MOST RANGE,
NEW HAMPSHIRE, JULY 7, 1947

* * * * *

For your information, Dean John M. Bunker, Security Officer, Massachusetts Institute of Technology, Cambridge, Massachusetts, the original informant in this matter, advised that a spectrographic examination has been completed of the metal particles referred to and they were determined to be of ordinary cast iron and had been subjected to a very high degree of heat. The heat caused globules to be formed on the cast iron which were originally thought to be of some metallic alloy. The scientists examining the particles concluded that if they had come through the air from any great altitude in small pieces as they were found most of the heat would have been taken from them by the time they reached the ground and fires would not have resulted.

It is noted that the metal particles landed approximately seven hundred feet from a railroad track, and inquiries were conducted to determine whether or not the particles could have originally been a part of smoke or some other part of the steam engine. These inquiries resulted in positive information that the particles did not come from a train or locomotive. Measurements of the four pieces examined revealed that they most likely had been originally all part of one hollow cylinder, eight inches in diameter and three-sixteenth of an inch thick. It was believed that one piece falling from a great height would have retained a good portion of its heat and probably would have smashed when it hit the ground.

One scientist, who was not identified, recalled that cast iron cylinders of similar measurements had been used in New Mexico on research work in connection with a guided missile project. However, this scientist did not make this conclusion to the exclusion of all other possibilities. Efforts were made to reconstruct the original cylinder. The metal fragments were not made available. Since the metal fragments were not made available, it will be impossible to furnish them to the Air Force. No further information concerning these fragments has been connected by this Bureau.

* * * * *

Enl #1

SECRET

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.