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[redacted] PROJECT BLUE BOOK CARD

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11 89 6/18/52

ATIC NO.

AF NO.

RECORD NO.

DATE OF REPORT 16 July 47

TIME OF SIGHTING 1345 est

SHAPE disc

SIZE 30' 50' dia

COURSE E

NO. IN GROUP 1

SKETCHES

DATE OF INFO 6 July 47

LOCATION Clay Center, Kansas

SOURCE AF Pilot

DATE IN TO ATIC

COLOR very bright

SPEED 210 mph

ALTITUDE 11,000'

LENGTH OF TIME OBSERVED

TYPE OF OBSERVATION from a/c

Estimated X
Measured
Rehiabl
Prolonged

MANEUVERS seem to accelerate to high speed. Seemed to be flying a parellel course. Disappeared when a/c turned into object. First observed "flash" low then noticed "disc" 1000' above a/c

Secretary ATIC Form 329 (1 Jan 52)

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[redacted]

Incident #89 -- 100 mi. W of Kansas City, Missouri -- 6 July 1947

There is no direct astronomical explanation for this incident.

The striking feature of the incident is that the "very bright" object travelled in the same direction and at the same speed as the observer did, and that it appeared at 11 o'clock position at his left, or approximately opposite to the position of the sun at the time.

It cannot be proved, of course, but it is probable that the witness saw a direct reflection of the sun on some continuous object -- thin clouds, ice crystals, or the like. (Had the object appeared on his right, then this explanation would be untenable.) Its disappearance can be explained logically also, for turning altered the observer's angular relationship to the reflector.

It is further noted that an apparent inconsistency exists in the report. The observer first stated that the object appeared to be the top of a water tank "low and to his left"; after checking his position he stated that the object was at 11,000 feet. The inconsistency in altitude throws some suspicion on the observation. If the object was low, then a running reflection along a river or railroad track would be a promising explanation.

[redacted]

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CHECK-LIST - UNIDENTIFIED FLYING OBJECTS

Incident # 89

1. Date 6 July 1947
2. Time 1:45 P. M.
3. Location 100 miles west of Kansas City, Missouri
4. Name of observer Maj Archie B. Browning
5. Occupation of observer Maj, Air Corps, pilot of B-25
6. Address of observer N/S
7. Place of observation air
8. Number of objects 1
9. Distance of object from observer 10 miles
10. Time in sight N/S
11. Altitude 11,000 ft
12. Speed 210 MPH
13. Direction of flight Eastward
14. Tactics observed horizontal flight
15. Sound N/S
16. Size 30-50 ft in diameter
17. Color very bright and silvery colored
18. Shape round
19. Odor detected N/S
20. Apparent construction N/S
21. Exhaust trails N/S
22. Weather conditions CAVU
23. Effect on clouds N/S
24. Sketches or photographs None
25. Manner of disappearance ~~N/S~~ Disappeared when pilot started to turn into it.
26. Remarks: (over)

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On 6 July 1947 while flying from Ogden, Utah, to Kansas City, Mo, at 10,000 ft in a B-25 pilot noticed a very bright object low and to his left, approximately 10 miles away. Time was 1:45 P. M. and position was approximately 100 miles west of Kansas City. His first impression was that it was the top of a water tank. After checking his position he again looked to his left (elapsed time 5 seconds). He saw a round, disc shaped object, very bright and silvery colored which seemed to be flying 1 to 2 miles off his left wing at 11 o'clock position at 11,000 ft. The brightness of the object was very great. Diameter of the object was estimated as 30-50 feet. It was traveling in the same direction at the same rate of speed (210 MPH) as the observer. However, when he started to turn into it, it completely disappeared. Weather conditions at the time were CAVU.

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

MCIAXO-3/BWS/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	148	163
16	32	87	107,8,9	151	167
22	33	89	112(See122)	154	169
23	48				

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Hq ARC, 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 H. M. McCOY
Colonel, USAF
Chief, Intelligence Dept

2 Incls:
Summaries 1-172 incl
"EEI"

Copies furnished:

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

T-5444-A

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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, 160, 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.

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JULY 1947 SIGHTINGS

DATE	LOCATION	OBSERVER	EVALUATION
July	Tempe, Arizona (CASE MISSING)	Civilian	Insufficient Data
July	Oak R[illegible]ge, Tennessee (FOLDER) (*)	Presley (PHOTOS)	Other (Development Flaw)
3	S. Brookville, Maine	Cole	UNIDENTIFIED
4	Mt Jefferson, Washington	Bogne	Insufficient Data
4	Portland, Oregon Area	Multiple	Other (Chaff)
4	Portland, Oregon	Evans	Insufficient Data
4	Portland, Oregon	Hayward	Insufficient Data
4	Portland, Oregon	Dwyer	Insufficient Data
4	Seattle, Washington	Ryman	Balloon
4	Emmett, Idaho ([redacted])	Smith	UNIDENTIFIED
4	West Trenton, New Jersey	Marshall	Astro (Meteor)
6	Fairfield-Suisan AFB, California	Burniston	UNIDENTIFIED
6	Hollywood, California	Corey	Insufficient Data
6,7,8	Warren, Ohio (CASE MISSING)	Civilian	Insufficient Data
6	Clay Center, Kansas	Browning	Astro (SOLAR REFLECTION)
6	Birmingham, Alabama	Livingston (PHOTO) (NOT IN FILE)	Other (Fireworks) Insufficient Data
7	Shreveport, Louisiana	Marston (PHYSICAL S)	Other (Hoax)
7	East Troy, Wisconsin (CASE MISSING)	Mil and Civ	Insufficient Data
7	Lakeland, Florida	Griffin (MODEL)	Other (Psychological)
7	Muroc AFB, California	Wise	Balloon
7	Hickham AFB, Hawaii	Saito	Balloon
7	Phoenix, Arizona (FOLDER) (*)	Rhodes (PHOTO)	Other (Hoax)
7	Oakdale, California (CASE MISSING)	Civilian	Insufficient Data
7	Arlington, Virginia	Cobb	Astro (Meteor)
7	Omaha, Nebraska	Reibold (PHYSICAL S)	Other (Ashes)
8	Muroc AFB, California	McHenry, Ruvolo, Scott	UNIDENTIFIED
8	Muroc AFB, California	Strapp	Balloon
8	Rogers Dry Lake, California	Shoop, Gilkey, Balck	Balloon
9	Boise-Meridian, Idaho	Johnson visual (PHOTO) (NOT IN FILE)	Balloon (Other (No Image)
9	Midland, Michigan	Lane (PHYSICAL S)	Other (Fireworks)
9	Grand Falls, Newfoundland (FOLDER) (*)	Kearsey	Astro (Auroral Streamer)
20	Novo Scotia & Newfoundland (FOLDER) (*)	Maitland, Larkin, Douglass	
23	Harmon Field, Newfoundland (FOLDER) (*)	Hammaker, Abbott	
15	Between Novo Scotia & Newfoundland (FOLDER) (*)	Gulledge	
10	Morristown, New Jersey	Jansen([redacted])	
10	Harmon AFB, Newfoundland (FOLDER) (*)	Leidy (PHOTOS)	Astro (Meteor)
10	Codroy, Newfoundland	Evans	Astro (Meteor)
11	Elmendorf AFB, Alaska	Perry, Guyer	Insufficient Data
11	Black River Falls, Wisconsin	Hanson (PHYSICAL S)	Other (Hoax)
12	Elmendorf AFB, Alaska	Graham	Balloon
15	Seattle, Washington	Kremmer (PHYSICAL S)	Other (Hoax)
20	Cumberland, Maryland (CASE MISSING)	Civilian	Insufficient Data
21	Cengtu, China (CASE MISSING)	Civilian (PHYSICAL)	Balloon (Radiosonde)
21	Jackson, Ohio	Mapes (PHYSICAL S)	Balloon (Radiosonde)
29	Helena, Montana	Madden	Astro (Meteor)
29	Hamilton Field, California	Reyherd, Stewart	UNIDENTIFIED

(*) In SEPARATE FOLDER
NO physical specimens INCLUDED

JUL 4

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