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HEADQUARTERS
AIR MATERIEL COMMAND

MCLA/JCB/amb
Wright-Patterson Air Force Base
Dayton, Ohio

WCIA

23 APR 1948

SUBJECT: Project "SIGN"

TO: Chief of Staff
United States Air Force
Washington 25, D. C.
ATTN: Director of Intelligence

1. This is an initial report on unidentified flying objects as directed by Hq, USAF letter dated 30 December 1947, signed by General L. C. Craigie, subject: "Flying Discs". Quarterly reports will be submitted beginning 1 July 1948.
2. As a result of this letter, Project HT-304 was activated on 26 January 1948 and Technical Instruction 2185, dated 11 February 1948, was published. Present files on Project "SIGN" represent a consolidation of reports received directly by Hq, AMC and those forwarded by the Director of Intelligence, USAF.
3. Schedules of activities of lighted night-flying advertising blimps have been secured and cross-checked at this Headquarters to consider them as a possible source of incident reports.
4. Inclosure 1 represents a tabulation and breakdown of all available reports through 1 February 1948.
5. The following is a series of interesting observations that were noted when reviewing the many incident cases:
 - a. High rate of climb, as well as the apparent ability to remain motionless or hover for a considerable length of time.
 - b. The object was described as being oval, disc or saucer-shaped 31 times.
 - c. Associated sound was present 11 times.
 - d. Reported sizes have varied from that of a 25-cent piece to 250 feet in diameter, and from the size of a pursuit plane to the bulk of six B-29 airplanes.

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AMC

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e. Number of objects per sighting:

Objects per sighting	1	2-5	5-10	over 10
Number of sightings	77	21	8	9

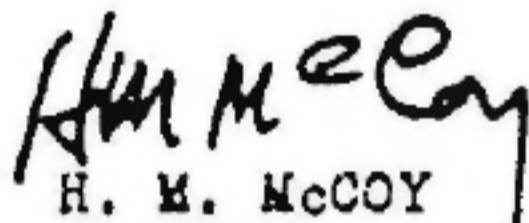
f. Exhaust trails were reported 23 times.

g. Speed has been estimated throughout the entire range from very slow or hovering to supersonic.

6. Inclosures 2 and 3 are enlargements of photographs taken of Incident #40. Inclosure 4 is an evaluation of inclosure 2 by this Headquarters. Attention is invited to the marked similarity between inclosures 2 and 3, and inclosure 5. Similarity also exists between inclosures 2 and 3 and configurations illustrated in inclosure 5.

7. Representatives from this Headquarters visited Dr. Irving Langmuir of the Research Laboratories, General Electric Company, Schenectady, N. Y. to discuss Project "SIGZ". It was the opinion of this scientist that present available data does not encompass sufficient information to enable a positive identification to be made. Dr. Langmuir was reluctant to consider the so-called "flying discs" as a reality. However, it is believed at this Headquarters that it is possible to construct a low aspect ratio aircraft that would duplicate many of the appearance and performance characteristics of reported "flying discs". Experts have agreed that this would be possible through the intelligent application of boundary layer control.

FOR THE COMMANDING GENERAL:



H. M. McCOY
Colonel, USAF
Chief of Intelligence

8 Incls

1. Tabulation
2. Photo
3. Photo
4. Eval of Incl 2
5. Horten Parabola
6. Biology of Flying Saucer