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OFFICE OF DEFENCE RESEARCH MEMBER
1746 MASSACHUSETTS AVE., N.W.
WASHINGTON, D.C.

28 October 1952

Chairman,
Defence Research Board,
Ottawa, Canada.

Attn: Aero Section

Unidentified Flying Objects
Project Grudge

1714
100-160

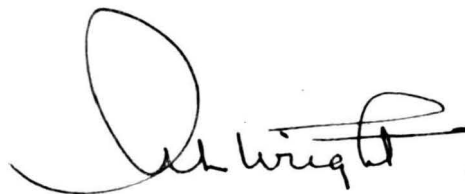
1. A USAF analysis of the first 244 reported incidents is summarized below.
2. Since 5 December 1948 a series of recurring phenomena described as "green fireballs" have been reported in the general vicinity of Albuquerque, New Mexico. Dr. Lincoln La Paz, noted meteoritic expert has been directly, though unofficially, associated with the investigation of these sightings and has himself observed the phenomena. Dr. La Paz states he is convinced the green fireballs are not ordinary meteors. This group of incidents has little or nothing in common with other incidents on file with Project Grudge, therefore, these incidents are not considered in the analysis. The Scientific Advisory Committee was asked to investigate the matter and had advised that an independent investigation be conducted in the field of atmospheric research.
3. Upon eliminating several additional incidents due to vagueness and duplication, there remain 228 incidents. Thirty of these could not be explained because there was found to be insufficient evidence on which to base a conclusion.
4. Consulting agencies provided plausible solutions for 164 incidents with the following comments and findings:
 - (a) Rand Corp. - (172 incidents considered). "We have found nothing which would seriously controvert simple rational explanations of the various phenomena in terms of balloons, optical illusions, conventional aircraft, planets, meteors, bits of paper, practical jokers, psychopathological reporters, and the like."
 - (b) Ohio State University (Dr. Hynck - 244 incidents considered). Assuming evidences of observers and investigators to be correct, Dr. Hynck concluded that 32% could be explained astronomically, 35% could be attributed to balloons, aircraft, rockets, birds, etc., and 33% either lacked necessary evidence or a suitable explanation was not apparent. When due allowance was made for inaccuracies in observing and reporting, 53% might be explained astronomically.

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- (c) Air Weather Service - (233 incidents considered). 12% apparently were weather balloons.
- (d) Air Materiel Command Aeromedical Laboratory (Dr. Paul M. Fiits - 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.

5. Of the remaining 34 incidents, investigation shows that they 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.



(A.L. Wright)
Defence Research Member

cc: Chairman, CJS
Air Member, CJS

Classification cancelled / Changed to Unclass
 By authority of DSIS
 Date 25 May 84
 Signature [Handwritten Signature]
 Unit / Rank / Appointment A/DSIS