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"Sounds are usually heard at greater distances during the night than during the day. On calm nights the range of audibility of a sound may be as much as 10 or 20 times as great as it is during the day. This effect is due partly to the increased sensitiveness of the ear at night owing to the decrease in the amount of accidental disturbing sounds, partly to the inversion of temperature which commonly occurs on calm, clear nights, and has the effect of bending the sound waves downwards, but chiefly to the diminution of the amount of disturbance in the atmosphere at night."

CLM

MEMO FOR THE RECORD

22 April 1968

Subject: Conversation in the morning of April 19, 1968 between  
Dr. J. Allen Hynek and 2nd Lt Carmon L. Marano

Three main areas were covered:

I. "Something of Scientific Value in UFO Reports"

Dr. Hynek stated that there was something of scientific value  
in UFO reports and that

- 1) All UFO cases should be reduced on computerized cards
- 2) The Air Force should investigate UFO cases in greater depth
- 3) Investigation should be on a world-wide scale and not just U.S.

I (Lt Marano) stated that the University of Colorado had  
computerized their information on size, color, course etc. Dr.  
Hynek replied that that wasn't nearly enough and the Univ of  
Colorado had used only a very simple method compared to all that  
should be computerized. I then mentioned Joel Gordes who was  
computerizing information on unidentifieds and also insufficient  
data and had included in his program a reliability computation.  
Dr. Hynek requested his name and address which I later gave him.

I asked Dr. Hynek exactly what he was looking for in UFO  
reports. He replied that he couldn't say exactly what it was  
but was sure there was something of interest and that we should  
computerize our files and also investigate on a world-wide scale.

I stated that I thought that there was information on  
probably many rare atmospheric phenomena contained in UFO reports

but that I didn't think the Air Force was about to invest any more money unless he could dig something out of UFO reports that had a military application or was of scientific value. I thought that initially this would have to be done by hand but before further money would be invested he would have to produce something of tangible value.

## II. "Technical Report."

I told Dr. Hynek that I thought that he, as scientific consultant on the project should prepare a technical paper for the project.

Dr. Hynek first thought that perhaps one on the different descriptions given on the March 3, 1968 sighting of satellite debris would be of interest, but then decided that it was not too good an idea since a similar report had already been done by personnel at Blue Book. He then said he would like to do a report on all cases involving animal reactions and asked if I would like to help him. I said that I felt both were more of a report better suited to a psychologist and that psychology was not my field; I would however, try to get a listing of cases involving animal reaction for the past five years if I could get the time to prepare it.

I stated that I was looking for a green meteor, and that if I could find one and have it analyzed it would give the project

a scientific standing since no one had ever analyzed one.

### III "Analysis"

Dr. Hynek then said that he got blamed for a lot of bad evaluations by the Air Force. In particular, he mentioned the Ravenna Case which was evaluated as a star and a satellite. I asked Dr. Hynek why didn't he write up an analysis of the case stating why it couldn't be a star and a satellite and state what he thought it should be. If he did it for all cases he would put himself in the clear.

I then told Dr. Hynek that I wasn't satisfied with the analysis of the cases I had given him. In particular, I was dissatisfied with his analysis of the 9 February 1968 Groveton, Missouri case. I personally think it was a helicopter and I asked Dr. Hynek why he didn't contact local police and airports. I said that if there was something really strange in the area he would probably obtain independent witnesses by this method, but that if it was a helicopter, there may be flight records of it. I stated that I had taken the above steps. Dr. Hynek said he didn't have time to do a good investigation because of his activities as Director of three observatories and Astronomy Professor and that since he had been with the project so long he liked to retain continuity. He asked if I thought if he could get money for an assistant to investigate UFO cases. I replied that I didn't think he could get any additional money until he submitted some really good technical analysis of several cases and promised to continue such analysis with the help of an aid.

24 JUNE 1968

Subj: UFO Observation, 11 July 1967

In response to Dr. Hynek's criticism of the evaluation of possible aircraft, I feel it best to point out that:


1. "Thought it was a falling star at first--then leveled off." Since the object was seen for several minutes, it certainly couldn't have had the angular velocity of a meteor. It is quite possible that an aircraft while descending flight levels might turn his landing lights on, especially if there were any other traffic in the area. Also the duration is more suitable to that of an aircraft.

2. "No planes were in the vicinity during the sighting." The TWX only lists those planes that landed at Warner Robins AFB. It is unknown if there were any planes arriving at Atlanta. Atlanta is one of the largest airports in the United States and is about fifty miles Northwest of Macon. (Note: Light disappeared toward the Northwest.)

There is also a small airport near Ft. Valley (approximately twenty miles away).

It is also interesting to note that although the observer said that the object produced a sound like a train heard in the distance, his wife said that it emitted "a roar like a jet airplane."

3. "Description of blue-white glow does not fit aircraft evaluation." This is completely false and I suggest that Dr. Hynek go look at a large airliner with its landing lights on.

  
CARMON L. MARANO, 2d Lt. USAF  
TDPT (UFO)

UFO CASES FOR DR. J. ALLEN HYNEK

<u>DATE</u>	<u>LOCATION</u>
1. 4 Jun 52	Stuttgart, Germany
2. 5 Jun 52	Lubbock, Texas
3. 12 Jun 52	Wichita, Kansas
4. 12 Jun 52	Ft. Smith, Arkansas
5. 13 Jun 52	Middletown, Pennsylvania
6. 23 Jun 52	Iowa
7. 24 - 27 Jun 52	Michigan
8. 25 Jun 52	Japan/Korea Area
9. 1 Apr 67	South Wellington, Texas
10. 2 Apr 67	Shively, Kentucky
11. 3 Apr 67	Pittsburg, Pennsylvania
12. 3 Apr 67	Roseville, Michigan
13. 4 Apr 67	Wheeling, West Virginia
14. 5 Apr 67	Westminister, Colorado
15. 19 Apr 67	El Cajon, California
16. 22 Apr 67	Tomas River, New Jersey
17. 25 Apr 67	Port Chester, New York
18. 26 Apr 67	Creston, Iowa
19. 2 Jun 67	McKeesport, Pennsylvania
20. 29 Jun 67	Scotch Plains, New Jersey
21. 10 Jul 67	Lizelia, Mississippi
22. 31 Jul 67	Indianapolis, Indiana
23. 12 Oct 67	Okaloosa County, Florida (Just inc twx)
24. 31 Oct 67	Denver, Colorado

	<u>DATE</u>	<u>LOCATION</u>
1.	7 Jan 52	Palmer, Alaska
2.	14 Apr 52	LaCrosse, Wisconsin
3.	4 Jun 52	Stuttgart, Germany
4.	5 Jun 52	Lubbock, Texas
5.	12 Jun 52	Wichita, Kansas
6.	12 Jun 52	Ft. Smith, Arkansas
7.	13 Jun 52	Middletown, Pennsylvania
8.	23 Jun 52	Iowa
9.	24 - 27 Jun 52	Michigan
10.	25 Jun 52	Japan/Korea Area
11.	22 Jul 52	Maxwell, Texas
12.	22 Jul 52	Uvalde, Texas
13.	24 Jul 52	Carson Sink, Nevada
14.	28 Dec 53	Marysville, California
15.	12 Aug 65	Ramona, California
16.	26 Feb 66	Bartlett, New Hampshire
17.	7 Jul 66	Centerville, Ohio
18.	9 Feb 67	Odessa, Delaware
19.	12 Feb 67	Grand Rapids, Michigan
20.	1 Apr 67	South Wellington, Texas
21.	2 Apr 67	Shively, Kentucky
22.	3 Apr 67	Pittsburg, Pennsylvania
23.	3 Apr 67	Roseville, Michigan
24.	4 Apr 67	Wheeling, West Virginia
25.	5 Apr 67	Westminister, Colorado
26.	19 Apr 67	El Cajon, California
27.	22 Apr 67	Tomas River, New Jersey
28.	25 Apr 67	Port Chester, New York
29.	26 Apr 67	Creston, Iowa
30.	2 Jun 67	McKeesport, Pennsylvania (REC) thinks meteor
31.	21 Jun 67	Saratoga Springs, New York (REC) Agrees poss AIRCRAFT
32.	21 Jun 67	Las Vegas, Nevada (REC) agrees see you file MIA vouchers
33.	29 Jun 67	Scotch Plains, New Jersey
34.	10 Jul 67	Lizelia, Mississippi
35.	11 Jul 67	Macon, Georgia
36.	25 Jul 67	Manchester, New Hampshire
37.	31 Jul 67	Indianapolis, Indiana (Given to you 3 times) (REC)
38.	12 Oct 67	Okaloosa County, Fla (Inc TWX)
39.	31 Oct 67	Denver, Colorado
40.	11 or 12 Sep 67	Spratt, Michigan
41.	3 Oct 67	Cold Springs, New York

(Trix's)

Messages on the following cases were forwarded to Dr. J. Allen Hynek  
on 9 November 1967:

<u>DATE</u>	<u>LOCATION</u>
28 May 1967	Kirksville, Missouri
4 Jun 1967	Littleton, Colorado
23 Jun 1967	Ft Lupton, Colorado
29 Jun 1967	Las Vegas, Nevada
10 Aug 1967	Baudette AFS, Minnesota
22 Sep 1967	Lamar, Colorado
5 Oct 1967	Duluth, Minnesota
6 Oct 1967	Denver, Colorado

Rob Men



CASES GIVEN TO DR. HYNEK ON 17 NOVEMBER 67

28 Dec 53	Marysville, California
25 Jul 67	Manchester, New Hampshire
11 Jul 67	Macon, Georgia
12 Aug 65	Ramona, California
12 Feb 67	Grand Rapids, Michigan
9 Feb 67	Odessa, Delaware
21 Jun 67	Saratoga Springs, New York

MESSAGES GIVEN TO DR. HYNEK ON 17 NOVEMBER 67

6 Oct 67	Vandenberg AFB, California
21 Oct 67	Blytheville AFB, Arkansas
24 Oct 67	Blytheville AFB, Arkansas
4 Nov 67	Myrtle Beach, South Carolina
9 Nov 67	Thailand
3 Nov 67	Highway From Geneva, ALA. Toward Euclid Springs, FLA.

*By L. Y. Marone*

CASES XEROXED FOR DR HYNEK ON 19 DEC 67

Listing of all cases for 1966

11 or 12 Sep 67	Sprath, Michigan
31 October 1967	Cold Springs, New York
18 March 1967	Kenya (Africa) No Case Info Only
24 July 1952	Carson Sink, Nevada
22 July 1952	Maxwell, Texas
22 July 1952	Uvalde, Texas
14 April 1952	LaCrosses, Wisconsin
7 January 1952	Palmer, Alaska

Rob Menzies

EX-107

2+ M

Additional information on the 3 March 1968 satellite decay observations were forwarded to Dr. J. Allen Hynek on 10 June 1968 for his information

Rob Mercer

THE FOLLOWING CASE FILES WERE GIVEN TO DR. J. ALLEN HYNEK ON 17 MAY 1968

28 Dec 53

Marysville, California (for info only)

28 Sep 67

Crestview & Milton, Fla (for comments or info)

Rob Mercer

L + M's  
ay

The following cases were forwarded to Dr. J. Allen Hynek for his information and/or comments on 12 June 1968.

7 Dec 67		Bellevue, Ohio
6 Mar 68		Amarillo, Texas
Sep 1965	No Case Information Only	Oklahoma

note This was done at Dr. H. request.  
EJM

Rob Merce

TYPED COMMENTS MADE BY DR. J. ALLEN HYNEK ON <sup>11</sup>JUNE 1968

ODESSA, DELAWARE

9 FEBRUARY 1967

Unidentified: but based entirely on a NICAP report. On the basis of the information given, no identification seems possible. Too bad that a competent AF investigation was not made.

(Original signed by J. Allen Hynek)

Rob Mercer

TYPED COMMENTS MADE BY DR. J. ALLEN HYNEK ON <sup>11</sup>JUNE 1968

GRAND RAPIDS, MICHIGAN

12 FEBRUARY 1967

Unidentified: Information given insufficient to establish whether it was more likely that birds (possibly nocturnal white owls?), or reflection on wires, or aircraft might have provided the original stimulus. A one-witness case, and hardly worth further investigation.

(Original signed by J. Allen Hynek)

Rob Mercer

TYPED COMMENTS MADE BY DR. J. ALLEN HYNEK ON<sup>14</sup> JUNE, 1968

WHEELING, WEST VIRGINIA

4 APRIL, 1968

Information too meager for firm evaluation. A one-witness case--  
which I don't like. Trajectory queer.

Basically only a bright light reported, observed for only a minute  
or so. Evaluations:

Possible aircraft

Possible unknown.

(Original signed by J. Allen Hynek)



TYPED COMMENTS MADE BY DR. J. ALLEN HYNEK ON<sup>11</sup> JUNE 1968

PORT CHESTER, NEW YORK

25 APRIL 1967

Actually two separate cases by young man (16 yr. old)--one a daylight sighting one early evening. Both are one witness cases-- which I don't like. Improbable that within a month the boy could have witnessed two "strange" sights within a month or so.

If report is taken at face value, then evaluation of "possible aircraft" for either case is not tenable because of the duration, trajectory, colors, etc. It is more likely that the data presented are not accurate, and so we can say either:

Possible aircraft

Possible unknown.

(Original signed by J. Allen Hynek )

TYPED COMMENTS MADE BY DR. J. ALLEN HYNEK ON <sup>11</sup>JUNE 1968

CENTERVILLE, OHIO

7 JULY 1966

Case should have been followed up. Only a local phone call would have been necessary. There were four witnesses; man and wife and two children. Now, more than two years later, a follow-up hardly seems needed.

Since many objects were observed all in one place, not moving around--and an explosion was heard--one wonders, in view of the closeness to July 4, whether this could have been a belated July 4th celebration. "Upside down coffee cups" suggest parachutes. Perhaps rocket launched? I have seen children; toys consisting of small rockets which eject a small parachute on the way down.

I think this sort of explanation has equal weight to "possible aircraft." Aircraft do not look like upside down coffee cups, and do not explode (well, rarely!)

(Original signed by J. Allen Hynek)

TYPED COMMENTS MADE BY DR. J. ALLEN HYNEK ON<sup>11</sup> JUNE 1968

MANCHESTER, NEW HAMPSHIRE

25 JULY 1967

Another single witness case. The present "possible aircraft" evaluation is not in line with the report unless we say the report is grossly in error.

Report does not indicate tangential motion. He described appearance as bright red. There was no sound, but object was in sight only  $1\frac{1}{2}$  minutes. His "A" and "B" on page 5 of his report are identical and not moving--except away from observer.

A detailed follow-up would have been needed to properly evaluate this sighting. So--"possible aircraft" is possible unidentified.

(Original signed by J. Allen Hynek)

TYPED COMMENTS MADE BY DR. J. ALLEN HYNEK ON <sup>11</sup>JUNE 1968

DENVER, COLORADO

31 October 1967

Evaluation should be changed to "Insufficient Information"--  
besides this is another one witness case! Further, 117 was not returned.  
Whole thing seems unreliable. eg. "10 feet diameter held at arm's  
length!!!"

Finally, reported by a 20 yr. old lad. Gross lack of information  
bits for the input.

(Original signed by J. Allen Hynek)

Rob Mercer

TYPED COMMENTS MADE BY DR. J. ALLEN HYNEK ON <sup>//</sup> JUNE 1968

DULUTH, MINNESOTA

19 November 1967

I attempted to call Mrs. Juliet Johnson at Route 4, Box 4520D, Duluth, Minnesota but was told telephone had been disconnected and no phone at all was listed for the person. Since she is a 20 year old practical nurse, she may be itinerant and floating from job to job. Description is that of "typical" (!) UFO, complete with "hovering" and "hum."

This should have been followed up immediately and Johnson contacted before she moved away. Pretty hard to trace a Johnson in Minnesota!

(Original signed by J. Allen Hynek)

TYPED COMMENTS MADE BY DR. J. ALLEN HYNEK ON 11/ JUNE, 1968

MACON, GEORGIA

11 JULY, 1967

The current evaluation of "possible aircraft" is open to severe criticism because:

"Thought it was a falling star at first--then leveled off."

No planes were in the vicinity during time of both sightings: (0015 and 0145 hours--).

Four planes landed at Robbins at 0059, 0101, 0108, 0118 hours-- thus not at above times.

Description of "blue-white glow" does not fit aircraft evaluation.

Also, witness fairly sure it wasn't an aircraft.

Therefore, in absence of supporting information, I could not go along with only "possible aircraft." "Possible unknown" should also be included (a possible unidentified).

(Original signed by J. Allen Hynek)