



F. W. DODGE COMPANY

P. O. BOX 3057, OVERLOOK BRANCH, DAYTON, OHIO 45431

A DIVISION OF MCGRAW-HILL, INC.

August 7, 1967
Reference 130-7000

cc: Major Quintanilla - TDET/UF ✓

Dr. J. Allen Hynek
Dearborn Observatory
Northwestern University
Evanston, Illinois 60204

Dear Dr. Hynek:

Attached is a fully executed copy of our Subcontract 130-7000 for your files.

I am extremely happy that we have arrived at a mutual understanding of the certain points which you raised earlier and am confident that you will be able to carry on this very important work with a feeling of total satisfaction.

Very truly yours,

John J. Sweeney
Project Manager

JJS/mmd

Enclosure

TASK NO. 6010212
DIA TASKWOL 605-01-59

MEMORANDUM OF AGREEMENT

F. W. Dodge Company, A Division of McGraw-Hill, Inc., 330 West 42nd Street,
New York, New York, 10036, (hereinafter referred to as McGraw-Hill) and

Dr. J. Allen Hynek
Dearborn Observatory
Northwestern University
Evanston, Illinois 60204

(hereinafter referred to as the Evaluator), do hereby enter into this agreement on this
4 day of August 1947.

In consideration of being reimbursed the amounts hereinafter set forth, the Evaluator agrees to perform the following services on the price basis, and in accordance with the terms and conditions stated below:

Article I.

OBJECTIVE

To provide technical reports and support services as inputs to Blue Book pertaining to developments in unidentified aerial phenomena, for the purposes of:

To determine if unidentified aerial phenomena/objects constitute a threat to the security of the United States.

To determine if these phenomena/objects reveal any new, unique, or revolutionary scientific or technical information or techniques, particularly in the area of upper atmosphere physics and astro-physics.

To determine methods of exploiting the possible scientific or technical potential of these phenomena/objects.

To analyze and evaluate reports of unidentified aerial phenomena/objects for the purpose of determining the cause.

Article II.

APPROACH

To support this objective, the work to be performed by the Evaluator shall include the following:

* The Evaluator shall produce clear and concise reports in all cases which are submitted to him for evaluation and/or analysis.

The Evaluator shall indicate specifically those areas which give indication of being inroads to new scientific and/or technical areas.

The Evaluator shall recommend approaches for the exploitation of the possible scientific and/or technical potential of the program.

The Evaluator shall send a representative to any conference or panel upon the request of the Task Monitor.

The Evaluator shall carry out detailed investigation and/or analysis of unidentified aerial phenomena/objects cases which are determined by the Task Monitor as having particular significance.

Article III.

STATEMENT OF WORK

A. Scope of Review

Shortly after the effective date of this agreement, a meeting shall be held, if necessary, between the Evaluator, the Task Monitor, and the Scientific Coordinator for the purpose of an item-for-item review of the agreement so that all concerned will have a clear understanding of the contractual and technical requirements.

B. Reports - Format and Delivery

The technical reports required under this agreement are described in Article XII, B.

All reports shall be classified to the degree warranted to safeguard the information contained therein, except that no reports shall contain information higher than a Secret classification.

C. Support Services

The Evaluator may be required to provide technical support services

to the Task Monitor on specific project activities during the performance period of the agreement. Such services may be required to be performed on an individual basis, or by the Evaluator participating as a panel group member. Whenever technical support services are required, they will be accomplished at such dates and for such periods of time as are mutually agreeable to the Evaluator, the Task Monitor, and the Scientific Coordinator.

D. Travel

The Evaluator may be required to perform some travel in connection with his performance of this agreement. This may consist of trips within or outside the continental limits of the United States, for such time and on such dates as are mutually agreed upon by the Evaluator and the Scientific Coordinator. No travel shall be undertaken without the prior written approval of the Scientific Coordinator.

Article IV.

MANAGEMENT COORDINATION

Performance of the services required under this agreement will require a direct working relationship between the Evaluator and the Task Monitor, while the Scientific Coordinator shall direct the activities concerned with the Evaluator's performance.

The Scientific Coordinator will arrange and may attend all conferences and meetings between the Evaluator and the Task Monitor and shall issue written instructions, including confirmation of those given by telephone, relating to the Evaluator's work performance.

The Task Monitor will provide technical guidance to the Evaluator, including historical information related to the technical areas in which the USAF is interested, and shall describe any particular aspects to which he would like the Evaluator to give special attention.

Article V.

PERIOD OF PERFORMANCE

The period covered by this agreement is indicated in Article XII, C. No work may be performed after the date established herein.

Article XII.

SPECIFICATIONS

A. Technical Area:

Unidentified aerial phenomena (Blue Book)

B. Technical Reports

Narrative style letter reports shall be prepared on each evaluation or analysis effort that is requested of the Evaluator. These reports shall be submitted as soon as possible following the requests.

Reports summarizing the results of technical support activities and/or travel to research facilities, symposia, etc., shall be provided when requested. Such reports shall be of the informal, narrative type, commensurate with standard letter reports.

All reports shall be classified to the degree warranted to safeguard the information contained therein, except that no reports shall contain information higher than a Secret classification.

- C. Period of Performance: July 1, 1967 through June 30, 1968
FINAL INVOICE FOR SERVICES AND EXPENSES MUST BE SUBMITTED NO LATER THAN JULY 31, 1968.
- D. Total Manhours: 750
- E. Direct Labor Rate: \$10.00 per hour
- F. Maximum Evaluation Costs: \$7500.00
- G. Authority for Agreement: The services contemplated under this agreement are for use under Prime Contract Number F33657-67-C-1447.
- H. Retention of Material: All material, classified or unclassified, released to and/or generated by the Evaluator for use on Subcontract Number 130-6000 shall be transferred to this agreement.

SERVICES RENDERED BY DR J ALLEN HYNEK FOR THE AERIAL PHENOMENA OFFICE

DURING THE PERIOD 1 Jul 63 - 30 Jun 68

	<u>Yearly Services</u>	<u>Yearly Expenses</u>
FY-64	\$ 5,190.00	\$
FY-65	4,617.50	2,119.05
FY-66	5,475.00	3,238.43
FY-67	5,000.00	3,309.04
FY-68	<u>3,040.00</u>	<u>1,416.42</u>
Total	\$23,322.50	\$10,082.94

Telephone calls made during the month of November, 1967, by J. Allen Hynek:

- Nov. 3: Dayton, Called Lt. Marano to discuss my next visit, reproduction of cases. Also discussed the case of 26 February 1966 at Bartell, New Hampshire; 28 December 1953 case in Marysville, California; 9 March 1966 case in Brazil, Indiana.
- Nov. 5: Los Alamos, called Mr. Clyde [redacted] with respect to his case of April 26, 1967, in support of Mr. Sullivan's sighting of same date.
- Ft. Wayne, called Mr. David [redacted] relative to his sighting of July 22, 1966 and obtained a one-half-hour tape.
- Nov. 6: White Plains, called Mr. [redacted] with reference to the Newfield, New York case.
- Lt. Marano called collect with reference to the Newfield - Ithaca case. He had received a call with reference to it, and he wanted information about the case.
- Nov. 9: Dayton, called from Newfield where I had gone unofficially to inquire about it since I had been speaking in Auburn, New York the previous evening just 30 miles away. I called Dayton for information purposes only as the case is not official.
- Nov. 10: Oconto, Wisconsin, 7 calls concerning a pilot who said he saw an object below him. Calls were made to police officers who reported the definite presence of an object and several citizens. I felt this was important enough to send Mr. Beckman and Mr. Powers up there even though the case had not yet been officially reported. I contributed \$20 toward gasoline and travel expenses. Case turned out to be unequivocally Venus, fully confirmed by Bill Powers at the site. NOTE: Have we received any official reports on this case from the Oconto-Sturgeon Bay, Wisconsin region, nights of November 8-14? The reason so many calls were made to Oconto was to try to solve the case before sending somebody up. This was impossible from phone calls alone.
- Nov. 11: Oconto (see above). Littleton, Colorado, called to speak with Herb F [redacted] United Airlines, who had asked whether Blue Book might assist in keeping the Volunteer Flight Officer's Network (VFCN) alive. I told him that I would attend a meeting in Denver, unofficially, and at my own expense (this I did on December 13).
- Nov. 13: Dayton, called regarding the results from Oconto.
- Nov. 18: Ithaca, [redacted]. Donovan called collect from Ithaca to Evanston stating that sightings were still going on and telling me of Dr. [redacted] presentation to him of the Saw-Whit owl audio tape. Dr. [redacted] is the ornithologist from Cornell who had analysed the beep-beep from the state of Washington. Dr. [redacted] took a considerable interest in the Newfield phenomena. On the strength of his feeling that something was going on, I recommended, when asked, that the Condon Committee send an investigator. They did.

- Nov. 20: Vero Beach, Florida, called relative to a report reaching me that an investigator purporting to be from the Air Force had confiscated some photographs. Got nowhere in this investigation.
- Nov. 20: San Bernardino, California, called Colonel Friend in response to an earlier call from him when I was not at home. Colonel Friend asked about Blue Book and had a number of comments concerning my recent article.
- Nov. 23: [REDACTED] Roxbury, Montreal, Canada. Called in response to a previous call from Mr. Blaker, Montreal lawyer, who wanted to send the witness and original negatives in the July 3, 1967, case to Chicago to talk with me. Arrangements were made and Mr. [REDACTED] Smith from Calgary came to Chicago on December 3 with the original negatives, camera and maps. Mr. Blaker from Montreal also flew down and spent the day with me.
- Nov. 26: Wellington, Texas. Called Carroll [REDACTED] relative to his sightings of April 1 and 12, 1967. Obtained a 40-minute taped recording.
- Nov. 26: Montreal, Canada. Called to make final arrangements for visit of Mr. [REDACTED] Smith to Chicago.
- Nov. 27: Dayton. Called Lt. Marano twice. Do not recollect exact nature of calls. Perhaps he will remember.
- Nov. 27: Evanston from Ithaca: Mr. Donovan called relative to sightings in that area.

Telephone calls charged to Dr. Hynek's home phone, April, 1968:

4/11	So. Fork, Pa.	\$8.85
4/23	Slidell, La.	10.40
4/30	PawPaw	<u>1.30</u>
	Total	\$20.55
	10% tax	<u>2.06</u>
	TOTAL	\$22.61

Explanation:

April 11, So. Fork, Pa. This was the call to Mr. Gallardy regarding his unidentified observation. I have a complete tape on this but the gist of the matter is that the observation must be still classified as unidentified.

April 23: Slidell, La. Called Mr. Martin regarding his sighting of 8 December 1957 which he only recently reported. I called him in particular to attempt to find relationships between his "car buzzing" sighting and others more recently reported. He reported EMF effects, stopping of motor and things returning to normal after UFO's had passed. His wife and child were witnesses. I talked with both Mr. and Mrs. Martin and judging from conversation alone I can find nothing suspect in his account. Sighting remains unidentified.

April 30, PawPaw, Ill. The report of the Breeze sighting was sent to Chanute Field who, however, sent it to me for forwarding to Project Blue Book. I expected they would send it directly to Blue Book. In any event, it appears that for the most part at least that the people were observing airplanes. This was determined by Dr. Wray and Mr. O'Callaghan going down personally armed with cameras and tape recorder but all to no avail. All they saw were airplanes which some of the witnesses identified as UFOs they had seen. The original sighting, however, of a cigar-shaped object does not fit in too well with an airplane explanation. But in view of the fact that the witnesses did later identify assured airplanes as UFOs throws the whole matter out of court as far as I am concerned. It took two automobile trips to Mendota, Illinois, and a great deal of time and energy to come to this conclusion. Dr. Wray and Mr. O'Callaghan made the two trips at my request.

Telephone calls charged to Dr. Hynek's credit card, May, 1968

5/1	Coldspring, NY	\$ 3.25	
5/1	Pawpaw, Ill.	1.10	
5/8	Bartlett, N.H.	4.90	
5/9	Huntsville, Ala	11.45	
5/15	Fairborn, Ohio	2.55	
5/22	Dayton, Ohio	4.10	
5/28	St. Augustine, Fla.	5.10	
		<u>\$32.45</u>	Total \$32.45
			Tax 3.25
			<u>\$35.70</u>

Reasons for above telephone calls:

Coldspring, NY: Called Mrs. David [REDACTED] to arrange for personal interview regarding her sighting made at Coldspring, New York.

Pawpaw, Ill: Called Mr. and Mrs. [REDACTED] at Pawpaw to arrange for visit by Dr. Wray and Mr. O'Callaghan regarding sighting which they had reported to me by phone a few days earlier.

Bartlett, N. H: Called Mr. and Mrs. [REDACTED] and taped the interview. The summary of taped transcription has been submitted to you.

Huntsville, Ala: Called Mr. [REDACTED] regarding his sighting of 26 August 1966. Summary of taped interview will be forwarded to you.

Fairborn, O: Called Mr. [REDACTED] at his request regarding forthcoming visit.

Dayton, O: Called Project Blue Book and talked with Lt. Murano regarding the return of some cases which had been inadvertently included in my briefcase. The cases in question were promptly returned.

St. Augustine, Fla: Called Captain Frost regarding an old case (1945) in which a large "plasma ball" was observed just 30 feet from his ship by the majority of the ship's crew. Ship's log was submitted to the Smithsonian Institute along with various affidavits. Summary of this taped interview will be forwarded to you.

Air Force Journal

Analysis Report, Dec. 1, 1967

I went through fully the treatise sent by Mrs. ^{N C I O} [redacted] ^{Feb - Sept 67} McLaughlin from Anchorage, Kentucky, which was sent to Condon, Major Quintanilla, McDonald, Philip Morrison, and to me. Is this case carried on our records as having been officially submitted? To me this seems a remarkably clear and articulate account of a disturbed mind about itself. It is amazing how clear cut and even literary the treatise is with a mind so patently disturbed and eyes that would certainly seem to have something pathologically wrong with them. This case can certainly be evaluated as psychological if we have it on the record at all. The report seems to contain many instances of "psychic phenomenon" which doesn't help the situation, because no one understands these either.

December 1, 1967

I. Studied in detail the case reported 20 July 1967 by [redacted] Messmore from Cape Cod, Massachusetts. I don't know whether this specific case has been reported to us but it is related to the Mrs. [redacted] McEnroe case about that time and from the same location. The case is interesting because it involves animal reaction.

Not a case
nothing in
pending or
files

23 July 67 Popponesset Beach,
Mass.

I had written to the McEnroes (see carbon of letter attached) and specified a time which I would call them long distance. I did so and recorded the conversation on tape which I have in my files. Later I saw these people personally when I gave a talk in Auburndale, Massachusetts (near Boston) on November 29, 1967. Witnesses undoubtedly saw something unusual but there is not much data to go on. The reaction of the dog and of the child are particularly noteworthy. The case must be listed as unidentified since it does not lend itself to a rational physical explanation.

Prof. why he feels
it is unidentified.

II. Analysed the case of 2 September 1967, reported by Mrs. [redacted] Manter ✓ and reported my analysis by letter to Major Q. It appears that this sighting can be evaluated as having been caused by the planet Saturn.

III. Studied report form 164 from C. [redacted], Airman First Class, New York Air National Guard, Hancock Field, Syracuse, New York. *There is no case in files on this sighting* The sighting was 6 April 1967. Observed at the 3323 Student Squadron, Amarillo AFB, Texas. Cannot come to any conclusion on this one. I will write him to arrange for a phone call.

IV. Studied the Crosby, No. Dakota, case which had five observers and apparently *30 Jan 67 real unidentified* two other observers located 20 miles west of Crosby. I will try to get in touch with the other two observers and also with the principal observer and Crosby. Case still must be carried as unidentified.

V. Studied the report of Mr. Blackwell of Kittening, Pa., reference his sighting of 13 September 1967. Three witnesses. Will write to Mr. Blackwell to arrange for a phone call.

December 2, 1967

I. Studied the case of 1 April 1967, seen by two sets of independent witnesses at Cayhuga Falls, Ohio, at 8:40 P.M. under an overcast sky. Do we have a record of this sighting. The report I have is quite articulate and gives angular rates of altitudes and azimuths and because of that ought to be followed up. *no 1 april 67 case from Ohio*

II. Read brief reports of sighting at Omak, Washington, 26 March 1967, there are two witnesses of a ball of light which crossed in front of their car.

III. Case of 12 March 1966, St. Charles, Missouri, Mrs. Joy Hackman and three other witnesses saw an object floating about 50 yards away and 50 feet in the air with a bright, white light searching the ground. Do we have any report on this? *no case in files*

December 2, 1967

IV. March 5, 1967, So. Dakota, couple and two children. Object buzzed their car at telephone line level. *no case in files* "area was lit up and you could drive without headlights".

V. Blodgett, Oregon, March 3, 1967. Mrs. [redacted] Newell and 3 daughters observed a brightly lighted object, complete with beep-beeps, at ground level and "just over the treetops". *no case in files*

VI. Freetown, Indiana, January 17, 1967. Do we have anything on record on *no case in files 17 Jan 67 from Indiana* this? Mr. and Mrs. Phil Patton observed a spinning object and "were blinded by the brilliance of its lights." Object hovered and then took off fast to the north.

VII. May 22, 1967, Toledo, Ohio, 10:40 PM, Just a brief report about an object which a man fired at with his rifle and "saw the sparks fly from the impact". *no case from Ohio 22 May 67*
No details. Do we have any report on it?

VIII. May 22, 1967, Akron, Ohio, 10:00 PM. Report claims that a blimp-shaped object was observed 500 feet over his car - no sound. No details. Do we have a report? *no case from Ohio 22 May 67*

IX. Wrote to the Flying Saucer Investigating Committee of Akron relative to the sightings of April 1, 1967, and April 8, 1967, which were fairly well reported in that area. *Do not have either case.*

X. Wrote to Mr. Perna, Yonkers, New York, relative to his Bear Mt. State Park sighting and asked whether I could call on Sunday, December 10 at 5:00 PM.

XII. Wrote to [redacted] Fuller asking him about the sighting of 24 January 1967 which was reported to him by a Mrs. Eadie. According to a note from Fuller to me, he had indicated that this was one of the best he had ever come across. *?*

XIII. Wrote to Mr. [redacted] Schwanz, Crosby, No. Dakota, relative to the sighting of 30 January 1967, and set up a phone call for December 9, 9:00 PM, CST. *Have sighting oral incident.*

XIV. Out of a clear sky [redacted] Smith from Calgary, Alberta, called to tell me he is at the Conrad Hilton Hotel with nothing to do and no money. He

apparently flipped a coin with the other fellow and he won on coming to Chicago so I have just made arrangements to have Fred Beckman pick him up and bring him to the Observatory tomorrow morning, Sunday, 11:00 AM, at which time, Dr. Wray will also join us. No word from Mr. Blaker yet from Montreal.

December 3, 1967

I. Waked out of sound sleep by phone call from Montreal. Blaker can't locate Warren Smith. I tell him all is well and that we meet this morning. Blaker calls back a short while later to say he has plane reservations from Montreal and will be here this afternoon, about 3:00 PM. In the meantime, Beckman and I are to meet Dr. Hooven and his associate from Dartmouth College who are the ones the Condon Committee had worked with at the Ford Company on the EMF effects on cars. They are passing through Chicago for a few hours and we have arranged to meet downtown to discuss UFO EMF effects. They are on their way to the Condon Committee at Boulder.

The entire day was spent on UFO discussion. I was awakened in the morning by the phone call from Mr. Blaker who indicated he would fly to Chicago to see me and Warren Smith from Calgary and would arrive about 3:00 PM. Dr. Wray and Beckman arrived at 11:00 AM with Warren Smith of Calgary. We proceeded to Dearborn Observatory library for taping and a detailed examination of the original color and for examination of the metallic samples under a microscope.

At 3:00 PM home to dinner for all concerned. During dinner, Blaker from Montreal arrived. There was some discussion, but then Beckman and I had to leave for the Palmer House downtown Chicago to pick up Drs. Hooven and Boyer, the men who had done the work for the Condon Committee on the EMF effects on cars. They were on their way to Boulder at the request of Dr. Condon. Drove them to the Orrington Hotel for one-hour discussion with them and then they got the bus for O'Hare; Beckman and I back to house for long evening of discussion with Blaker and Smith.

At 7:00 PM, however, I put in my scheduled call to Mr. Stranahan, Buena Vista, Colorado, to discuss the Fair Play, Colorado case, which he and his wife witnessed. The one-half hour's conversation was put on tape. The case remains in the unidentified category and helicopter seems to be ruled out.

The Calgary case likewise remains unidentified.

Arranged for investigation of the Russell [REDACTED] case, also of Calgary, and to get affidavits from the two witnesses to the taking of the [REDACTED] Smith picture. Arranged also for detailed photo analysis of the original negatives by Smith.

Rob Mercer

UFO Journal, December 8, 1967:

Called Mrs. [redacted] Lowrey at Los Alamos, who described on tape her sighting of 19 ^{the hour 19 May Riverside Calif case out no Mrs. Lowrey is involved.} May 1967. A sighting very similar to that made by Sullivan and Blakely, and apparently quite similar to the Calgary case. Talked about 1/2 hour and have it on tape. Mrs. Lowrey sounds like a very unexcitable, matter-of-fact person, but not terribly clever technically although familiar with angular measure and things like that.

December 10, 1967

Called [redacted] Cox at Fillmore, Illinois, relative to his sighting of 26 ^{case listed as 26 Jan 67 Coffeen Ill. evaluated as aircraft} January 1967. Have recorded it on tape and it is a nearly half-hour conversation.

Object still remains unidentified.

Called Mr. [redacted] ^{18 Dec 66 Bear Mt State Park, N.Y.} Perna at Yonkers, New York, relative to his photography ^{date?}

of an object the Air Force analyst's have declared to be a hoax. Learned that two pictures not four had been taken, an object had passed behind a fire tower, 3/4s of a mile away, and a \$13 Brownie camera fixed focus had been used (camera is being sent to me) and that Frank Edwards was wrong when he had stated that Sodium pentathol had been administered. It had not. The man sounded okay. The taking of the pictures had been witnessed apparently by two people. I shall try to get sworn affidavits from them as to the taking of the picture. With the original camera we shall take test shots of objects at various distances and check the accuracy of focus.

December 11, 1967:

Called Lt. Marano in response to a call he made to me last week regarding a material sample that was sent in and a question as to whether it was a meteorite,

or not. Also discussed several pending cases and plans for my visit the following week. Described my review of the new Edwards' book and the Sanderson Book.

December 16, 1967:

Called Mr. [redacted] Sweeney in reply to his letter of December 13 asking that I get in touch with him. He will meet me at the airport on Monday morning.

December 18, 19, 20, 1967

In Dayton at Wright Patterson AFB

December 22, 1967

Put in a call to [redacted] Schwanz at Crosby, No. Dakota. Obtained tape. *30 Jan 67* *unread* *date?*
It was a long call and nearly a full tape. Altogether seven witnesses from three different locations. Object must have been of fair linear size.

December 29, 1967

Called [redacted] Fuller in Westport, Connecticut relative to a sighting he had sent me in the mail. I asked for more details and also arranged a meeting with Fuller in New York on the night of January 10 to discuss several other cases he has been investigating. Call not charged to project.

December 30, 1967

Report on the June 2, 1967, ~~McE~~^{Kees}stport, Pennsylvania case. I believe *We have some eval conflicting data!*
that this can be classified as "probable meteor". The shortness of duration (3 to 6 seconds depending on observer), the fact that it left trails all fits in with the meteor picture. Two witnesses disagree as to the matter of motion and I think we can discount the 90° turn reported by one since no mention whatever is made of it by the second observer. The second observer, in fact, states that there was no motion or change of course. I do not think he means in this case that there was no motion, but rather that there was no change from straight line motion. That is, no zigzagging or abrupt turns or speeding up or slowing down. In short, I could easily defend the evaluation of this case as a bright

meteor before any panel of experts.

December 30, 1967

Report on 21 June, 1967, Saratoga Springs, New York, case. I am in
full agreement that the evaluation should be possible aircraft. *have case*

Rob Mercer

NORTHWESTERN UNIVERSITY
EVANSTON, ILLINOIS 60201

DEPARTMENT OF ASTRONOMY

LINDHEIMER ASTRONOMICAL RESEARCH CENTER

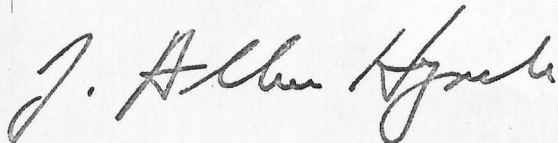
15 April 1968

FTD (TDETR)
Research and Aerial Phenomena Division
Wright Patterson Air Force Base
Ohio 45433

Attn: TDPT (UFO)
Subj: Contract Expenses
To: Major Hector Quintanilla, Jr.

1. As you can see by the attached vouchers, I am submitting ten hours work for each of the months January, February, and March, plus telephone calls. I have also been spending a fair amount of time thinking about the UFO problem; however, I feel it would be improper to charge this against my contract so I am submitting the token sum of \$100 per month. This evidently represents the minimum number of hours that could be legitimately charged. To this I have added several phone calls I made in connection with gathering and confirming data in correlative cases, the investigation of which has been approved by Dr. Cacioppo.

2. My actual time spent in working with the UFO data was certainly at least two hours a day over the the three months which includes a great many phone calls, letters, and in the reading and reviewing of old correlative cases. Since, however, much of this was not directly authorized by Major Quintanilla I feel it would be improper to charge this against the contract.



J. ALLEN HYNEK, Director
Lindheimer Astronomical Research Center
Northwestern University

JAH:lp
encl.

cc: A. J. Cacioppo, John J. Sweeney

INVOICE

17 April 1968

TO:

F. W. DODGE COMPANY
BOX 9321, AREA "A"
WRIGHT-PATTERSON AIR FORCE BASE,
OHIO 45433

ATTENTION:

MAIL REMITTANCE TO:

J. Allen Hynek
Dearborn Observatory
Northwestern University
Evanston, Illinois

SUBCONTRACT NO 130-7000

SERVICES - Dates - From 1 / 1 / 68 To 3 / 31 / 68

Evaluator Hours (Nearest $\frac{1}{2}$ hour) 30 @ \$ 10 /hr. - - \$ 300.00

MISCELLANEOUS - Dates - From / / To / /

Telephone and Telegraph - - - - - \$ 84.91

Postage - - - - - \$

Typing 4 hrs. at \$2 - - - - - \$ 8.00

Other See attach. invoice - Info. material \$ 7.03

TOTAL - MISCELLANEOUS - - - - - \$ 91.94

TRAVEL - Dates - From / / To / /

*Transportation (Plane, train) - - - - - \$

Private Transportation (Automobile @ \$.10 per - \$
mile) *

Local Transportation (Taxi, Rental, Tolls & - \$
Parking)

*Lodging - - - - - \$

Meals - - - - - \$

TOTAL - TRAVEL - - - - - \$

*Authorization letter(s) and receipts attached.

TOTAL: \$ 391.94

I certify that the above bill is correct and just, and that payment therefor has not been received.

Signed J. Allen Hynek Date 17 April 1968

----- FOR F. W. DODGE COMPANY USE ONLY -----

Account No.	Hours	Amount

Date _____

Certified By _____
Scientific Coordinator

Approved By _____
Chief Scientific Coordinator

Approved By _____

Telephone calls charged to Dr. Hynek's home telephone, January, February, and March, 1968:

1/17	Las Vegas	\$ 7.35
2/2	Dayton	9.90
2/5	Dayton	1.35
2/5	Dayton	1.60
2/5	Fairborn	1.80
2/5	Fairborn	3.05
2/10	Calgary, Canada	3.10
2/10	Calgary	5.00
2/14	Athens, Ga.	4.10
2/20	Fairborn	1.55
2/21	Fairborn	1.30
2/23	Arnett, Okla	4.15
2/26	Boulder	8.85
2/26	Boulder	3.95
2/27	Calgary	3.40
2/28	Vulcan	2.54
3/4	Fairborn	1.30
3/4	Evanston from Dayton	3.10
3/30	Plattsburg, Mo.	3.15
3/31	Kansas City, Mo.	<u>6.65</u>
	TOTAL	\$77.19
	10% tax	<u>7.72</u>
	Total	\$84.91

Explanation of Calls:

1/17: Las Vegas, called Mrs. [redacted] Hornbeck regarding her sighting of 29 June 1967. The phone conversation was taped but as yet have not had time to transcribe it.

2/2-5: Made several calls to Dayton concerning the question of my scheduled trip which was postponed because of lack of data.

2/10: Made two calls to Calgary in conjunction with the [redacted] Smith sighting of July 3, 1967. I recognize that this was an out of the United States case but because of the color photographs taken, the three witnesses and the general interest aroused by the case, I felt it important to inquire into it.

2/14: Called Mr. Hennings regarding the possibility of obtaining the color movies of a UFO he was reported to have. This resulted in his sending us the movies which I am having copied at my expense. Mr. Beckman feels they are fakes but I think it is a good idea to have an example of a clever movie fake for future reference.

2/20-21: Called Dayton at the request of Mr. Sweeney.

2/23: Called Arnett, Oklahoma with respect to the Wellington, Texas, case. I talked with Mr. Fitts who was reported to have been the hypnotist who supposedly infused Mr. Watts with his phony story. Mr. Fitts, however, turned out to be a good friend of Dr. Ranse, a physicist at Boulder who got his Master's degree with me years ago, and he gave Mr. Fitts a clean bill of health. The whole Wellington case smells.

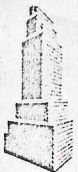
2/26: Called Condon relative to his wishing to see me in Chicago at the time of the Physical Society meetings. Also talked with Dr. Roy Craig concerning the [REDACTED] Smith camera which had been loaned to the Condon Committee, asking that he send it back to Warren Smith as soon as possible.

2/27-28: Called Calgary with respect to obtaining affidavits from all concerned.

3/4: Called Dayton and accepted a call (collect) from Blue Book.

3/30: I called the Blands of Plattesberg, Mo., at the request of Major Quintanilla. Talked to Mrs. Bland. Mr. Bland was in the hospital in Kansas City.

3/31: Called Mr. Bland in the hospital.



F. W. DODGE COMPANY

P. O. BOX 3057, OVERLOOK BRANCH, DAYTON, OHIO 45431

A DIVISION OF MCGRAW-HILL, INC.

April 2, 1968

Dr. J. Allen Hynek
Dearborn Observatory
Northwestern University
Evanston, Illinois 60201

Dear Dr. Hynek:

Please cite this letter as authorization for you to charge time and travel expense related to your trip to Dayton, Ohio on or about April 18 and 19, 1968.

Please retain this letter and submit the enclosed copy as authorization for this trip when you submit your voucher to this office, for payment.

Very truly yours,

John J. Sweeney
Project Manager

DMR/md

UFO JOURNAL

J. Allen Hynek

January 4, 1968: Called for Lt. Marano and found that he and Major Quintanilla were in Washington so talked to Marilyn and asked for better copy of the 31 July 1967, Indianapolis unidentified case. My copy is unreadable and also asked her to check on the Lazealia, Miss., case of 10 July 1967 to see whether any further investigation has been made on that case.

January 5: Marilyn Stancomb called collect to answer my previous questions about the Lazealia, Mississippi case with reference to whether any phone calls had been made to that town and I informed her of my next expected trip to Dayton which would be on February 15/16.

Called Miss [redacted] Manley regarding her sighting of 21 June 1967 at Las Vegas. Report was taped and witness was a poor one and there were many contradictions. The girl turns out to be a freshman in college and not very sure of physical things. She is a journalism major and I would say all-in-all that the original analysis is probably correct. Instead of possible aircraft, I would say probably aircraft. The witness had little recollection of what had been written in her report thus indicating that the original sighting did not impress her very much to begin with. The diagram indicates that the object disappeared in the zenith yet in the telephone conversation she indicated that she never had to tilt her head very much and that the object always appeared low in the sky. This is an unreliable and untrained witness and there certainly is no compelling reason to think she saw anything other than aircraft.

*Attached
copy to case*

Called to Mrs. Rantz, Jr., 118 Triple-A Estates, Athens, Georgia, regarding some movies of a UFO she claims her brother had taken. Hennings is his name. I called at 209 Fortson Drive, Athens, Georgia, telephone no. 404/548-6507. He said he had several feet of 8 mm film and when he sent it to Atlanta to be processed some 15 feet were taken out of it - the best part. This is strongly reminiscent of the Great Falls, Montana, case and apparently others. He has promised to send me the films by airmail special delivery tomorrow and we shall see what we shall see.

Called Wright-Patterson Air Force Base on January 9 to ask for information relative to the revised article requested by the Encyclopedia Britannica. Made another call a few days later to get the information via phone.

January 17. Mr. [redacted] Hennings, Athens, Georgia, called me collect regarding trouble he was having sending the pictures. He couldn't insure them for enough but I finally convinced him that the pictures would be of little value to him if they were not authenticated, and that I was probably one of the few people in the country who could help him out on that and I would do so if I found that the pictures were indeed genuine.

UNIDENTIFIED FLYING OBJECT (UFO), in military parlance, is any aerial object that fails to identify itself to, or to be identified by, trained ground or airborne crews using visual or electronic detection methods. In popular usage UFO has come to mean any object or optical phenomenon, usually aerial, that the observer cannot readily explain. UFO may be more rigorously defined as any reported aerial or surface sighting, or radar return, which remains unexplained after review by competent scientific personnel. The central problem in the matter of UFOs, is, of course, whether they do in fact exist. The term UFO is popularly used interchangeably with "flying saucer," a description applied to the reported sighting by a civilian pilot, Kenneth Arnold, of a series of crescentlike objects over the mountain ridges in the vicinity of Mt. Rainier, Washington, in June 1947.

First regarded by many as a bizarre, peculiarly American psychological phenomenon which would quickly fade away, the UFO instead showed an amazing tenacity. It is most significant that UFO reports have been made virtually in every country in the world and that reports from various countries bear a certain similarity to each other. In the U.S. the Air Force was officially charged with investigating American reports. Over the years it has become clear that the great majority of the sightings reported to the Air Force, though unidentified by the observer, are defi-

nitely identifiable by competent personnel as normal objects or phenomena, often seen under unusual or surprising circumstances. It is also true that there is a residue of reports which, as reported, defy explanation in conventional terms and thus appear to satisfy the definition given here of a UFO.

The majority view of scientific opinion is still that all UFO reports would yield, under sufficient pressure of investigation, to become reports of identified flying objects (IFO). This contention remains to be proved, however, largely because the Air Force and the scientific community in general have not seriously pursued investigations of UFOs. The working hypothesis, firmly adopted by the Air Force and the scientific community alike, has been simply that all UFO reports arise from natural but misinterpreted objects or phenomena, or are out-and-out hoaxes, or hallucinations. Only after many years, because of the stubborn global persistence of the UFO phenomenon, has this working hypothesis been questioned.

Since the early 1950s, various civilian groups in the U.S. and other countries, apparently highly dissatisfied with the approach taken by the scientific and the military communities, organized to undertake independent investigations of UFOs. The files of these organizations contain many astounding reports which, if taken at face value, would leave little doubt that the world has been presented with a phenomenon worthy of scientific study. Since, however, UFOs exist very largely as reports, they do not lend themselves to the traditional pattern of scientific procedure, which relies heavily on quantitative observation, controlled experiments, and detailed analysis. If the UFO reports represent material worthy of scientific study, special methods of analysis must be devised for such a study.

The reluctance of the military and the scientific communities to take UFOs seriously stems largely from the fact that the large majority of reports received by the Air Force prove to be highly subjective and often demonstrate a serious lack of even elementary knowledge of physical processes and of objective reporting on the part of the observers. Likewise, although many photographs purport to be of UFOs, it has been impossible to establish even one photograph as incontrovertible evidence of objects not encompassed by present scientific knowledge. It must be stated, at the same time, that many photographs exist which have not been established as fakes or misidentifications.

An overpowering blow to the credibility of UFO reports, in the minds of most scientists, is the lack of "UFO hardware," or material fragments of strange craft. Likewise, UFO reports have yet to include any spectroscopic or photometric analyses of the lights seen, or precise technical data on trajectories, distances, and accelerations. Since, furthermore, the great majority of UFO reports have with justification been ascribed to misidentification of aircraft, celestial objects, balloons, birds, and meteorological phenomena, it is understandable that the working hypothesis was adopted that all UFO reports arose from natural stimuli.

The extent of the UFO phenomenon (the sighting but not necessarily the reporting of strange aerial objects) is far more extensive in the U.S., quite apart from the rest of the world, than the number of formal reports received by the U.S. Air Force might indicate. A Gallup poll (1965) indicated that about 5,000,000 Americans had sighted things in the sky which they could not explain. This is in marked contrast to the approximately 12,000 reports received by the Air Force in the two decades after 1947. Investigation shows that there is a marked reluctance on the part of witnesses to report something which they cannot explain, largely for fear of ridicule. Reports received each year by the Air Force are shown in the table.

The steady rise in reports from 1963 to 1966-67 is worthy of note. Indeed, one might base a call for serious scientific attention to the UFO problem on the reports of 1965 and 1966 alone. Not only those UFOs reported to the Air Force but also those in the files of other organizations for that two-year period contain a number of exceedingly striking reports which investigation has not been able to show were caused by simple misidentification. This fact must be considered apart from the fact that the majority of the reports still can unequivocally be ascribed to misidentifi-

Reported Sightings, 1947-67

Year	Number	Year	Number
1947	79	1958	590
1948	143	1959	364
1949	186	1960	514
1950	169	1961	488
1951	121	1962	474
1952	1,501	1963	399
1953	425	1964	526
1954	429	1965	887
1955	404	1966	1,060
1956	778	1967	(1,000)*
1957	1,178		

*Results incomplete.

cation of natural objects and phenomenon or, to put it another way, usual things seen under unusual circumstances.

The UFO should not be regarded as something that came into being in 1947, even though the phenomenon burst suddenly upon the public consciousness in that year. History is full of references to strange sights in the sky. In ancient and medieval times a comet was a strange and terrifying sight, as was an aurora, and it would be impossible to say whether the pattern of sightings in those days was the same as in the 20th century. Certainly, in some respects it must have been different. There were no Skyhook research balloons, unusual types of aircraft, reentering missiles, or artificial satellites. A comet, though described in terms recognizable to us, was often regarded as true visitation.

Project Blue Book is the name given to the continuing U.S. Air Force project investigating UFO reports submitted to the Air Force. The immediate predecessor of Project Blue Book was Project Grudge, which, unlike the previous Project Sign, took the view that UFOs were basically misidentifications, hallucinations, or hoaxes. Project Blue Book from the start adopted the same working hypothesis. The objectives of Project Blue Book were to determine whether the reported UFOs constitute a threat to national security and whether the reports contain anything of intrinsic scientific value. It was concluded after many years of investigation that the UFO phenomenon bore no hostile purport and thus did not constitute a security threat; also, that nothing of immediate scientific value was contained in the UFO reports.

In the popular mind, UFOs suggest visitors from outer space. A large segment of the population rejects the "commonsense" view of UFOs and, buttressed by the belief held by the majority of astronomers that it is highly likely that many other solar systems exist, espouses the view, often with considerable emotional attachment, that superior extraterrestrial civilizations might visit the earth periodically, as if to make periodic checks on a tribe of aborigines. The theory finds support throughout history in accounts of strange apparitions in the sky, suggesting to some that the earth could have been visited many times in the past. Some believe that such visits became more frequent when mankind unleashed nuclear energy, thereby increasing extraterrestrial concern. The scientific community rejects that view. The same scientific community, generally speaking, has laboured under the misconception that UFO reports are necessarily made by untutored, untrained, and gullible people. While that is true of many UFO reporters, such generalization is not permissible. A surprising number of UFO reports have been made by stable, well-trained, and articulate observers. UFO sightings by such observers, as long as they continue, merit serious study.

(J. A. H.)