PROJECT 10073 RECORD			
DATE - TIME GROUP	2 '.OCATION OREGONS		
20 August 50 20/2006	Astoria, Washington area		
SOURCE	10. CONCLUSION		
Civilian	Astro (METEOR)		
NUMBER OF OBJECTS			
One	Evaluated as a meteor observation.		
LENGTH OF OBSERVATION	11. BRIEF SUMMARY AND ANALYSIS		
Not Reported	Object was like a ball of fire, bluish-gray tail. Three time		
TYPE OF OBSERVATION	or faster than jet a/c. Travelled from NE to SW.		
Ground-Visual			
COURSE			
:37:7			
PHOTOS			
TANO			
PHYSICAL EVIDENCE			
or Ye.			

FORM

D SEP 63 0-329 (TDE) Previous editions of this form may be used.

## Brilliant Meteor Seen ew By Many Here Saturday

A brilliant meteor seen in broad of the occurrence by The Associdaylight was reported by a number ated Press:

of Tacomans who seemingly were amazed to see such a sight shortly the bright noon sunshine, streaked

came ma News Tribune office was Frank was a meteor. and going southwest and leaving a trail. Oregon coast. n't be As they watched, it turned down- It flashed brilliantly. At Port of senior appeared.

made trees and he thought it to be a the fringe. in the crashing jet plane.

time it was going at terrific speed and its height Aug. 11. o see appeared luminous even in day- It was seen shortly after noon. in emer- light.

craft celestial visitor as it was witnessed ocean northwest of Astoria. generally over the entire Pacific | A Seattle astronomer, Mrs. Bror

# Russian Furs

NEW YORK, Aug. 19——A—A shipment of \$138,000 worth of Rusin the sian furs which longshoremen here strial refused to unload was still aboard

miled after the noon hour Saturday. across Pacific Northwest skies yes- | W. Among the callers to The Taco- terday (Saturday). Apparently it ma

it will A. Reda of 5019 So. L, who said he It was seen from Salem north le re- and four neighbors saw a "silver to Seattle, from Ellensburg in cen- Ju Works streak" that looked like a rocket tral Washington to Astoria on the

years ward toward the earth and dis- Angeles a woman said it seemed Su brighter than the sun. Some ob- sch will E. J. Moran of 9804 American servers said they even could see int Ave. S. W., said he saw an oblong a blue tail. Others thought they the o re- object shoot down behind some detected silver and red colors on

A science professor at Lewis and an estern Others described it in various Clark college in Portland, Dr. A. A. W royed terms, some thinking they had Groening said it possibly was a en n, he seen a flying saucer, but all here straggler from the annual perseid ju who saw it were unanimous that shooting star display, which was at th

A bar pilot at Astoria fixed the da ssible Tacoma, however, was not the time at 12:06 p. m. there. He sai only point of vantage to see the thought it descended toward the

Northwest. Following is a report Grondahl, thought it probably burned itself out before striking earth.

# Carried Back 9 In Jured

El



Chest Speakers Ready\_with torte and norm in mother torte munity Chest will start its erhedule of erticities this need with talks at passell plants, rists clubs and and plan their story to help the campaign committee rates the mener mended to support the 21 Red; reather agencies. Left to right, standing, Capt. T. IL Kaber, New Thornbill, William Leake, the Rev. Har-Conner, Miss Lola Emerson, Wayne A. Gardner, Bertil F. Johnson, L. Evert Landon, J. Manley Mullane, V. D. Patterson, Rabbi Bernard D. Resenberg, Judge Bartlett Russerl and Gerrit Vander Ende.

to points made to warren Austin, and to warren Austin, and to give the last strange I threw dis-Elephants or Fireballs

me against his smultaneous, e a mile from a country road bordered by ficids can public saw of ripening corn As we rounded a salapper. He is curve I saw, in the distance, an eiean officials like phant grazing beside a dilapidated; I M.Bau.f IMsurprised encerstandable. | particularly selly broke into pressed and didn't mention it at on use talking | home, I shais crowd grandmother, in the presence of be comes to those who had been along, amout what we had done on the picnic.
where we had eaten and what we had for lunch. As an added hit of interest I mentioned having seen as last Janu- the clephant.

North Koreans to

son delegates For his head-

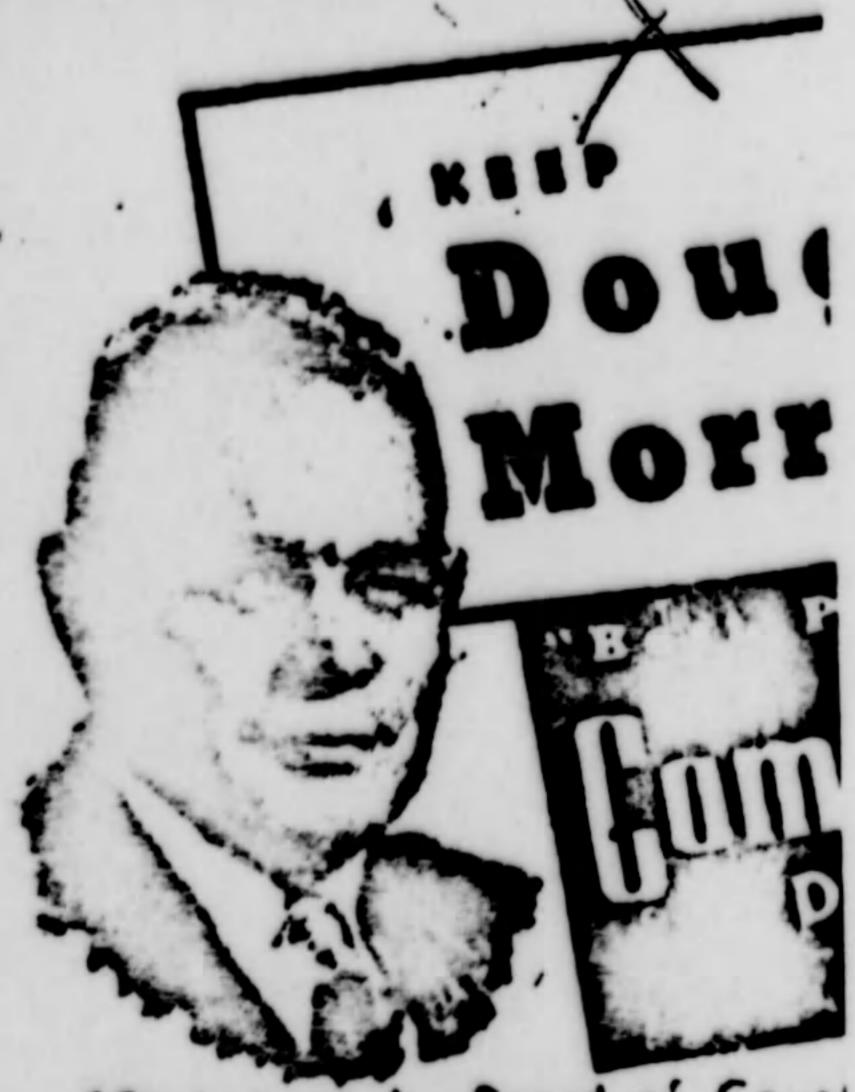
I b to deal

s: of the dele- My elders looked startled. "Now. and of hand-honey, you mustn't say things like ceegate over elephant. Of course you are joketer meetings Ing." This from my mother who s with a re- had been sitting beside me in the buggy. "Mother, I did tong didn't you see it by that old barn." Of man officials, course she hadn't, she said not m squisers had any of the others atho were minutes be- along. "It couldn't have been an begin. He elephant, there is no circus with. reporters on a hundred miles of here mag them crushed. No one telled me. we occasion- didn't care whether an e'enhant's the smile. Presence in a field and site at a site.

When I was 5 years old, my there was no such thing as a stray father were on the Ourse Nation- mother took my sister and me to elephant, especially one adorsed the float getting the cance into the the had only a spend the summer in a little town with the trappings of a circus. It was gazing vacuously into aimost estentati- in southern Iowa where she was this day, my family harks been to tree the born and raised. One incident of the cirphant when my stories seem water. masional grimace this visit has influenced my ac- to skirt the realm of the preputer . It was shout 12:15 p.m. Someto shoulder to tions during the ensuing years, terous, For this reason during the thing flashed through the water We were riding home from a pic- | years that have followed, I have with unbelievable at in the presinic on a sunny afternoon, along things have occurred twice my stee of a soft-ball, and streaming and luxuriant eyes, like the midget admiral with a long beard whom I saw one night tail. along the highway, madly pedaling thing I couldn't believe myself. No a hicycle, but because of mr 1amlily's lack of imagination and their knowledge. fixation that I am probably bright saucer. However, in case the fact enough to get by, but a little ecwe had arrived centric. I have kept most

AND THE RESIDENCE OF THE PARTY OF THE PARTY

noon was an impossibility: that a heach home. My niece and her



oppointing Doug Morris as Com (Paid Adver ...

· Chevrolet alone wide and work ... and at the la

e enters the enter he be- and others in his delegation live " mand style, compounds on atrat estate unused to American E--korrect the head of families on the intiPIERCE COUNTY (PART)

#### Congress of the United States House of Representatives Washington, D. C.

SUBCOMMITTEES: MARITIME AFFAIRS FISH AND WILDLIFE

July 21, 1958

Dr. A. Francis Arcier
Scientific Advisor
Air Technical Intelligencer Center
United States Air Force
Wright-Patterson Air Force Base,
Ohio

Dear Dr. Arcier:

How very kind you have been to me in taking your very valuable time to investigate and report back to me so fully regarding what I really saw reflected in Puget Sound on that bright August day in 1950.

Now I feel superior to my friends in that not only do I know what one is, but also I am among the few privileged to have seen one. In addition, I can, from now on, stand apart from my contemporaries, having elicited the cooperation of an eminent scientist.

With your permission, I shall use a substantial part of your letter in my weekly Sunday column to the Tacoma (Wash.) News Tribune, probably next week. I shall send you a clipping.

Again, many thanks, Dr. Arcier. I feel it was a great privilege to have met you and I truly hope our paths may somehow bring us together again.

Public Relations Assistant

Public Relations Assistant
Office of The Honorable Thor C. Tollefson
6th District, Washington
House of Respresentatives
Washington, D.C.

Dear Mrs. Walker:

Thank you very much for your kind letter of 21 July.

The information given you is in no way classified, so there is no objection to your using it in your regular Sunday column.

I will be very glad indeed to receive a clipping.

Sincerely,

A. FRANCIS ARCIER Scientific Advisor AFCIN-4E4

Public Relations Assistant
Office of the Honorable Thor C. Tollefson
6th District, Washington
House of Representatives
Washington, D.C.

#### Dear Miss Walker:

Here is my reply to your letter of 27 June 1958 regarding an unusual sighting observed by you and a large number of people in the Tacoma area and other parts of Washington on the 20th of August 1950 at noon.

Our records indeed indicate that there was a UFO reported from Washington State, and at precisely this time on 20 August 1950. Our records of investigation and analysis indicate the following:

- a. The object was a seldom-seen phenomenon, a bolide, as it is referred to in scientific terminology. Bolides, more commonly known as "fireballs" are a form of meteorite.
- b. The earth was just passing through the Perseids, an annual meteoric shower, at that time.
- c. The identity of the object was confirmed by the independent reviews of private scientists.

A point of explanation is in order here, Mississippo to clarify things. Fireballs, unlike smaller meteorites, generally do not burn up in the earth's upper atmosphere, but remain intact as a large, glowing mass until they disintegrate at lower levels or strike the earth. These bodies seem to appear more often during meteoric showers. Records indicate that the majority of people never see one in their lifetime, and an encounter with one can indeed be a startling experience.

701 13 10 11 11 11

The subject of fireballs and meteors has been studied extensively by the University of Pennsylvania under Dr. The Professor Emeritus of that institute. I am taking the liberty of sending you excerpts of certain portions of Dr. Common report on fireballs, which, I feel, you may find of interest. As may be seen from his 35-year survey, the largest number of meteors and fireballs appear in August.

The incident which you so kindly sent me is so similar to the "fireball" incident that happened a few months ago, that I am sending you two excerpts from our Case Files. If you recall, the "Great Western Fireball" incident of 1957 drew nation-wide notice from the press, radio and TV. The fireball was observed by hundreds of persons, including pilots in the air, simultaneously from six states.

I need hardly state that a large number of observers are still firmly unconvinced that the object was a "fireball,"

May I again thank you for the courtesies extended the Air Force representatives, and for your sincere interest and understanding in the matter.

Sincerely yours,

2 Incla:

1. Cys, Data fra Case Files

2. Excerpt frm Tech Journal, U. of Pa. on Fireballs & Meteor Trains A, FRANCIS ARCIER Scientific Advisor

COORDINATION:

AFCIN-4E4g_	DATE	
AFCIN-4E4	DATE	
APCIN-4E	DATE	

じんさ

Public Relations Assistant
Office of the Honorable Thor C. Tollefson
6th District, Washington
House of Representatives
Washington, D.C.

Dear Miss Walker:

I was very glad indeed to get your letter of the 27th of June. As a matter of fact, I had been looking for it.

I have had the investigation of this particular case started, and I will, as soon as possible, send you the findings.

I would like to take this opportunity to express my appreciation for the very courteous treatment which we received from your entire group.

Sincerely yours,

A. FRANCIS ARCIER Scientific Advisor PIERCE COUNTY KING COUNTY (PART)

#### Congress of the United States House of Representatives Washington, D. C. June 27, 1958

SUBCOMMITTEES: MARITIME AFFAIRS FISH AND WILDLIFE

Dr. Francis Arcier ATIC Wright Patterson Airforce Base Ohio

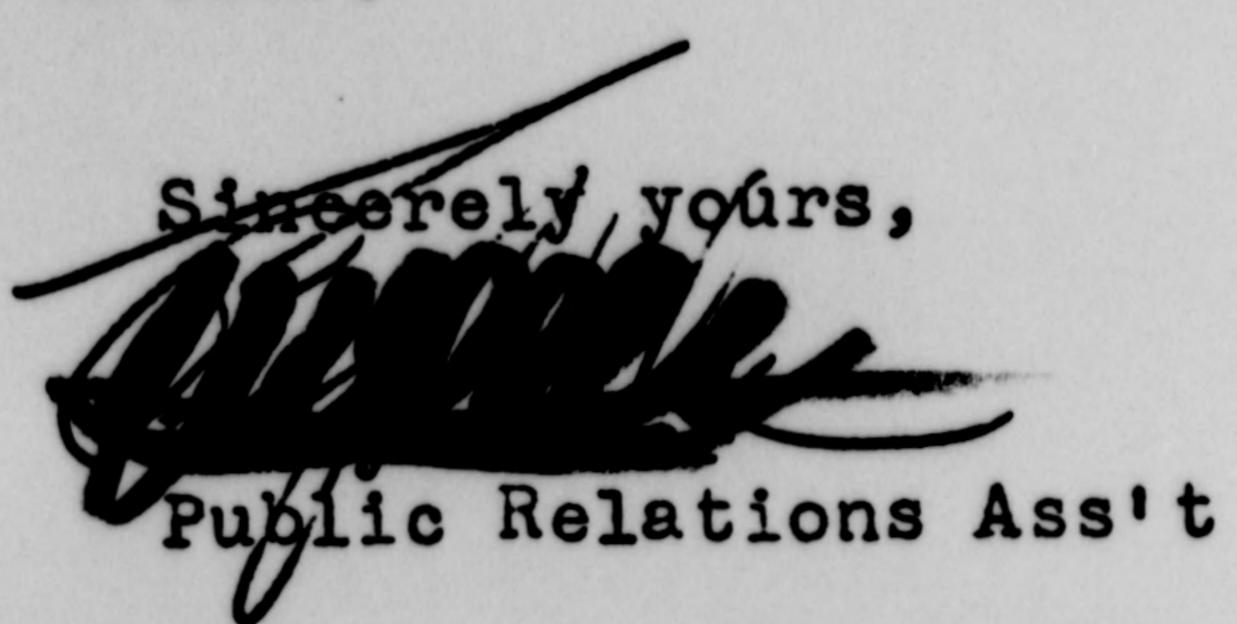
Dear Dr. Arcier:

Perhaps you will remember me as being the only woman who was present at the briefing in which you participated on June 20, in the office of Congressman John E. Henderson of Ohio. I was there representing Congressman Tollefson who was out of town.

You will find enclosed photostatic copies of two articles which appeared in the Tacoma, Washington News Tribune & Sunday Ledger. These give the details in regard to the incident I related to you after the briefing session.

The Article which appeared August 20, 1950, was printed the day following the one one are when I wrote the article which appeared a week later.

You very kindly offered to look back in the files and try to determine for me what if any record and/or explanation the Airforce has on this incident. I shall be looking forward to hearing from you on this matter.



20/2006 8

Telaphona call from Mr. Mesteria, Wash re floming object observed.

Bring datie:

Time: About noon (1200?)

place: North of Astronia

shape: Like ball of five - Mich-gray

Direction: Appeared to move of high

The of fire NE to SW\_could

be wrong on this.

Speed: Threatinin more fester than jet aungline

Comment: Yet full address and sout questioniance for details.

Object his all appearance of typical of firstall afect of the soul of the s

An More and Dr. Hywel ages dead. Seen the many people in want

MONES

. \*\*\* 

#### AIR INTELLIGENCE INFORMATION REPORT

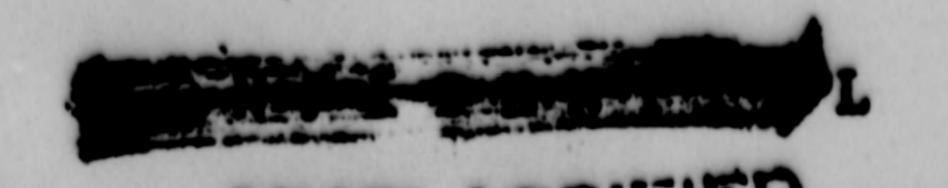
Intelligence Division, Hq MATS
Andrews AF Base, Washington, D.C. IR-306-50

PAGE 2 0F PAGES

- 1. The following report is of a theodolite sighting of an unidentified aerial object by a USAF airman of the 18th Weather Squadron, Detachment 18-32, Echterdingen AB, Stuttgart, Germany, on 21 August 1950, at 0958 local time.
- Ma. I, Cpl George P. Scarlett, was on 21 August 1950 engaged in observing the 0900L pilot balloon run at the theodolite stand in Echterdingen Army Airfield. The balloon was released at approximately 0930L. At about the 25th minute of the run, I noticed a small white object pass through the field of vision of the theodolite, but as birds, airplanes and other miscellaneous objects are not unusual I paid no attention and continued following the balloon.
- The run terminated at 0955L, when the balloon had reached a height of 36,000 feet, owing to the bursting of the balloon. As a 100 gram balloon had been used, the fragments were clearly visible after breaking, though at a considerable distance out. Out of curiosity I proceeded to follow the broken balloon fragment to see how long it would take to fall to earth. After 3 minutes, I again noticed a small white object pass through the field of vision. I discontinued following the broken. balloon and proceeded to observe the object.
- was approximately 25 degrees, the horizontal angle being 080 degrees, or toward the east. The object was moving in a southerly direction, and I followed it with little difficulty for one minute. Then it made an abrupt change in direction towards the west—south—west and approached the sun at evidently a high rate of speed. That the speed was high was shown by the increase in size of the object. It increased from about 15 minutes to about 50 minutes in diameter, or about 20% of the field of vision of the theodolite which is two degrees. Becoming rapidly more difficult to follow, the object was finally lost in the sun field.
- "d. When first seen, the object was small, oval, and white in color. As it became closer and larger, it seemed a grayish white color with several dark lines or shadows on its surface. The object, although clearly visible, seemed to have a rather indistinct outline. It could not be observed in its path through the sun because sun filters for the theodolite were not available.
- "e. Weather conditions at 1000L, 21 August 1950, were: Sky clear, visibility 15 miles or better, and a very few high cirrus clouds.
- "f. I then reported the phenomenon to my commanding officer, Major Leon P. Klaus."
  - 2. A second airman scanning the same area at 100000 was unable to sight the object
- 3. The report was submitted through the 2105th Air Weather Group, Wiesbaden, Germany.

PERCY E. SUTTON Captain, USAF

DOWNGRADED AT 3 YEAR INTERVALS; DECLASSIFIED AFTER 12 YEARS. DOD DIR 5200.10 AF FORM 112-PAPE 



IR-306-50

#### TELLIGENCE INFORMATION REPORT

Unidentified Aerial Object Sighted During Pilot Balloon Run, Stuttgart, Germany Intelligence Division, Hq MATS Andrews AF Base, Washington 25, D. C.

Germany

19 October 1950

USA-MATS

21 August 1950

USAF Airman, Air Force Weather Station

Echterdingen AB, Stuttgart, Germany

Report contains information concerning the sighting, by a USAF airman, of an unidentified aerial object at 0900, local time, 21 August 1950, at Echterdingen AE, Stuttgart, Germany. The object was sighted through a theodolite following the observation of a Filot Balloon run.

WILLIAM L. TRAVIS Lt Colonel, USAF Chief, Intelligence

Division

DECLASSIFIED AFTER 12 YEARS.

CHANCE ALAN SEE THE SECRET SECRET

31 11



### DEPARTMENS OF ARE AIR, FORCE HEADQUARTERS UNITED STATES AIR FORCE WASHINGTON 25, D. C.

3 OCT 1950

AFOIV-TC

#### UNCLASSIFIED

SUBJECT: (Confidential) Project 10073 - Analysis of Reported Incident

TO:

Commanding General
Air Materiel Command
Wright-Patterson Air Force Base
Dayton, Ohio

Copies of correspondence between the Director of Intelligence and Colonel D. Moreau Barringer, regarding an incident reported from the Philadelphia area, are inclosed for analysis by your Headquarters in accordance with responsibilities outlined for Project 10073.

BY COMMAND OF THE CHIEF OF STAFF:

2 Incls:

1. Ar fr Col Barringer to Maj Gen Cabell, atd 30 Aug 50

2. Ltr fr Maj Gen Cabell
to Col. Barringer,
dtd 20 Sep 50

1 The

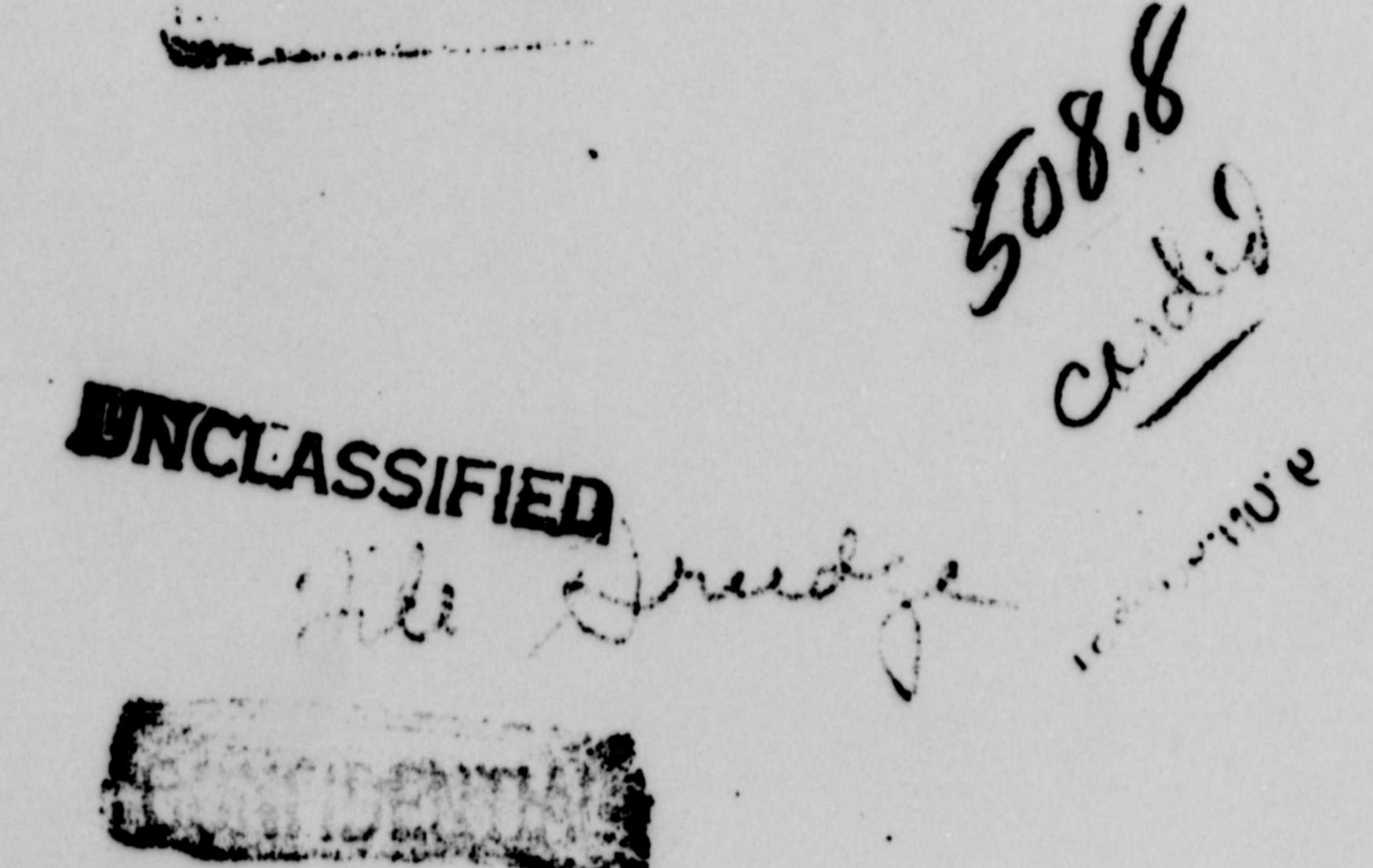
H. J. KIELING Colonel, USAF Executive

Directorate of Intelligence

1920 0001

DOWNGRADED AT 3 YEAR INTERVADECLASSIFIED AFTER 12 YEARS.

DOD DIR 5200.10



7-37/2-31

20 Sep 50

Barringer and Nelson 1528 Walmut Street Philadelphia 2, Pennsylvania

Dear Colonel Barringer:

I am pleased to hear from you again and appreciate your concern, as evidenced in your letter of 30 August 1950, for items which are of continuing interest to the Air Force.

It has been and still is our policy not to ignore any information which may have potential value to the defense of the United States. The information which you have submitted will be examined by our experts at Air Materiel Command for such action as may be indicated by the details.

Thank you for your thoughtfulness in this matter.

Sincerely,

Maj. General, USAF Director of Intelligence

COPT

Dull 2

U.S.A.F. Room 4A-932 Pentagon, Washington 25, D.C.

My dear

You may remember me from the last days of World War II, when I was Chief of Stat. Control under General Chauncy, and you were with General Arnold. My brother, Philip E. Barringer, of Secretary Johnson's office, has suggested that I write you and give you the details of an odd occurence which I saw in the sky on Wednesday, August 23. I don't know whether you are interested in curious sightings, but if not, please consign this letter to the circular file under you desk.

On that evening (August 23, 1950) I was seated on the lawn of my place on the northeastern edge of the City of Philadelphia. My mother-in-law, Mrs. Mass also there and witnessed the occurence with me.

At 9:05 (Eastern Daylight Time) I became aware of a small point of light moving up from the horizon, about NWE from my location. It moved with about the angular velocity of a transport plane at medium altitude (say 6,000 or 8,000 feet). Many transport planes pass close to my house, so I paid it little heed, but watched it idly as it approached the zenith.

It got a little brighter as it approached. As it passed near a couple of bright stars I could compare its magnitude with them, and concluded it was about 0 magnitude. (The sky was clear, except for a few cirrus clouds at a distance from the light, and a 3/4 moon was low in the south.)

Then I suddenly realized it was making no noise at all. Aircraft visible from my house are invariably audible also - jet planes especially. I don't know what altitude an airplane would have to be to be inaudible, but I should think it would have to be no less than 25,000 or 30,000 feet. It so happened that there were no other airplanes in the sky at the time, and traffic noises were at a minimum, so that we could be absolutely sure of the fact that the moving light made no noise that we could hear.

It required about 30 or 40 seconds for the light to move from one horizon to the other (the horizon line is cut off by trees at my place). This gave plenty of time for discussion of the phenomenon between Mrs. Manufactured myself. It passed only two or three degrees west of the zenith, and did not seem to alter course as long as we saw it.

Que!

P Y Major General C. P.Cabell

- 2 -

August 30, 1950

When it was near the zenith, the area of the light became apparent. It was exceedingly small, and yet not a point of light like a star. At a guess, it might have been between 15 and 45 seconds of arc. My eyes are not as good as they used to be, but I thought that I could detect that its leading edge was clearly defined, whereas its trailing edge was a little vaguer and somewhat pipe of some sort.

The inexplicable thing about it to me was the question of its speed. It seemed to hold a constant speed, which was comparable to that of a transport plane at medium altitude - say 300 mph at 6,000 feet. But if it was actually at equivalent to 300 mph at 6,000 feet would be on the order of 1,500 mph at 25,000 feet.

Moreover, I haven't seen any kind of airplane that trailed a luminous flame big enough to be seen from the ground at such an altitude.

I forgot to mention that the color of the flame was distinctly yellowish. It made quite a contrast with the bluish star Vega, which was not far from its path.

That is the whole story. I have not found anybody else who saw it, though I have spoken to a few neighbors about it. I am positive that neither of what we didn't hear.

I hope the information is of some use in your office. If not, please

Sincerely yours,

DMB/jot

(Formerly Colonel AC)

Co: Lincoln LaPaz

Phillip Paris

UNIDENTIFIED

\* - N

-----

MIN INTELLIGENCE INFORMATION KEPOKT FROM (Agency) REPURT NO. Intelligence Division, Hq MATS Andrews AFB, Washington 25, D.C. IR-267-50 The following information in amplification of IR-244-50 (AF 218100), USA-WATS, which concerned a radar contact with an unidentified aerial object near Bermuda on 25 August 1950, was forwarded by the Intelligence Officer, 1604th Air Base Group, Bermuda.

a. A B-29 of the 373rd Reconnaissance Squadron (VLR) Weather, Bermuda Base Command, piloted by 1st Lt Frank J. Stockton, departed Kindley Air Force Base, Bermuda, at 1306Z on 24 August 1950, on a special weather mission. Eleven hours later, while flying at a speed of 192 knots at 10,000 feet, on a heading of 27° and at a position of 29° 40' N and 67° 28' W, the radar operator, S/Sgt William M. Shaffer, turned on his APQ 13-A, which had been off for several minutes. Shortly after initiating a routine search procedure, a distinct and bright target appeared on the radar scope at OCCULE. The target appeared to be traveling on the same heading and at the same speed

as the B-29, at approximately 1,000 feet below, 10° to the left of 12 o'clock, and

tion of the object.

13 miles in front. S/Sgt Shaffer immediately informed the pilot of the contact. The

pilot in turn instructed all crew members to be alert for a possible visual observa-

b. While the B-29 was held at a constant speed and altitude, the object ramained in the same relative position for several minutes before gradually seeming to reduce its speed until it was overtaken and passed by the B-29. The radar scope showed the object to be approximately 1/4 mile off the left wing when passed. Once passed, the unidentified object seemed to assume a position in-trail of the B-29 for an approximate 5-minute period.

c. In the same gradual manner that the object had reduced speed and dropped behind, it then increased its speed sufficiently to overtake the B-29, passing to the right but keeping within a 1/4 mile radius. After drawing slightly ahead of the meather reconnaissance uircraft, the unidentified object seemed to begin a gradual turn to the right and then accelerated rapidly. At this time Lt Stockton made a 200 turn to his left to determine whether the target would follow. The target did not follow the weather aircraft but continued in its gradual turn to the right until it disappeared from the scope at 0024Z at a position of 30° 15' N and 67° 12' W. When last observed knots. last observed on the scope, the unidentified object was traveling at an estimated

- d. No visual sighting was made during the period that the target remained in the scope. The visibility range was diminished by the oncoming dusk. Sky coverage at the time was 4/3, with towering cumulus with tops at about 13,000 feet.
- e. The target which was seen in the scope was confirmed by two officer members of the B-29's crew. All three persons observing the target in the scope stated that they were positive that what they observed was a true target and not an echo or false reading.
- f. At approximately 3 minutes after the target was last observed in the scope the left scanner of the weather aircraft reported that he observed a bluish streak flash past the left wing of the B-29 from a head-on direction and about 1,000 feet below. The flash was reported to be less brilliant than lightning, but similar in appearance to the light left by a meteor in its descent.
- g. Radio reception was normal at all times before, during, and after the appearance of the target on the scope.
- h. S/Sgt Shaffer stated that he had been having some difficulty with the APQ 13-A prior to the appearance of the unidentified target. He said, however, that at the time of the observation the set was apparently in perfect working condition.

AF FORM 112-AART II ARPROVED I JUNE 1948

#### AIR INTELLIGENCE INFORMATION REPORT

Intelligence Division, Hq MATS
Andrews AFB, Washington 25, D. C. IR-267-50

PAGE 3 PAGES

Sgt Shaffer has been a radar operator for more than three years and is considered well qualified in the operation of the APQ 13-A type radar equipment.

i. It is interesting to note that on 22 August 1950, eight residents of Bermuda reported having seen a strange unidentified object in flight over the southwest end of Bermuda. An investigation is said to have revealed the flying object to have been a weather balloon released by the US weather station of the Bermuda Base Command.

HQ MATS COMENT:

The foregoing report is based on an investigation by the Intelligence Officer,
Bermude Base Command, of the 25 August 1950 incident reported in IR-244-50 (AF 218100)
USA-MATS. Whenever conflict occurs between the data in IR-244-50 (AF 218100), USA-MATS
and this report, this report is to be deemed correct.

PERCY E. SUTTON Captain, USAF

DOWNGRADED AT C. YEAR INTERVALS; DECLASSIFIED AFTER 12 YEARS. DOD DIR 5200.10