

MULTIPLE

## PROJECT 10073 RECORD CARD

1. DATE 23 Nov 60	2. LOCATION Midwestern U. S.		12. CONCLUSIONS <input type="checkbox"/> Was Balloon <input type="checkbox"/> Probably Balloon <input type="checkbox"/> Possibly Balloon  <input type="checkbox"/> Was Aircraft <input type="checkbox"/> Probably Aircraft <input type="checkbox"/> Possibly Aircraft  <input type="checkbox"/> Was Astronomical <input type="checkbox"/> Probably Astronomical <input type="checkbox"/> Possibly Astronomical  <input checked="" type="checkbox"/> Other <u>Tiros II.</u> <input type="checkbox"/> Insufficient Data for Evaluation <input type="checkbox"/> Unknown	
3. DATE-TIME GROUP Local <u>0615-1400</u> GMT <u>23/1115-1900Z</u>	4. TYPE OF OBSERVATION <input type="checkbox"/> Ground-Visual <input type="checkbox"/> Ground-Radar <input type="checkbox"/> Air-Visual <input type="checkbox"/> Air-Intercept Radar			
5. PHOTOS <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6. SOURCE Military and Civilian			
7. LENGTH OF OBSERVATION Varied with different observers	8. NUMBER OF OBJECTS one and two	9. COURSE N		
10. BRIEF SUMMARY OF SIGHTING Bright white light, brighter than any star. Some witnesses reported one object; others two. Some reported object as being reddish white with a long white trail.			11. COMMENTS At the general times of the sightings, Tiros II was in horizontal flight and the third stage was in operation. The general descriptions by the witnesses match those given by missile men from experiences with other launchings. There is no evidence to indicate that the object observed was nothing more than Tiros II during its initial flight after launch.	

ACTION REQUIRED. UFO. REFERENCE AFR 200-2, PAR 15.

A. (1) VARIED BETWEEN BALL AND SHAPLESS.

(2) UNKNOWN

(3) REDDISH WHITE

(4) ONE

(5) NONE

(6) NONE

(7) LONG WHITE TRAIL

(8) NONE

PAGE TWO RJEDAH 34

(9) VERY BRIGHT

B. (1) AIRLINE AND CONTROL TOWER REPORTS

(2) APPROX 15000 FT SOUTHEAST CHICAGO

(3) NORTHEAST INTO LAKE MICHIGAN

(4) SWUNG SOUTHWEST, THEN SOUTH

(5) FROM SOUTH TO NORTHEAST, THEN NORTH INTO LAKE MICHIGAN

(6) FOUR TO FIVE MINUTES

C. (1) VISUAL

(2) BINOCULARS

(3) NUMEROUS PILOT REPORTS TO ARTC (CHICAGO)

D. (1) 1124Z 23 NOV 60

(2) NIGHT

E. (1) CHICAGO ARTC

(2) CHICAGO, ILLINOIS

F. (1) MR. [REDACTED], AGE: 49, [REDACTED], BERWYN, ILLINOIS

G. (1) CLEAR

(2) A. NW/8; B. 290/15; C. 250/25; D. 250/40; E. 250/60;  
F. 250/105; G. 250/55; H. 60,000 FT: 250/45.

(3) NONE

PAGE THREE RJEDAH 34

(4) 15 PLUS

(5) NONE

(6) NONE

H. NONE

I. NONE - INSUFFICIENT TIME

J. NONE

K. MAJOR BILLY D WELCH, SR DIRECTOR, CHICAGO ADS

(2) REPORTS FROM SEVERAL SOURCES WERE CONSISTANT AS TO COLOR  
OF OBJECT.

(3) UNKNOWN

L. NONE

M. NONE

REMARKS: O'HARE AND MIDWAY AIRPORTS TOWER OPERATORS AND SEVERAL  
PERSONS IN CHICAGO ARTC WITNESSED THE OBJECT. CHICAGO ARTC ALSO  
RECEIVED REPORTS FROM SEVERAL AIRCRAFT AND FROM PEORIA AND SPRING-  
FIELD, ILLINOIS TOWERS. A CHECK WITH UNIV OF WISC METEOROLOGICAL  
OBSERVATORY REVEALED NO METEORS OR OTHER OBJECTS THAT COINCIDED WITH  
THE DISCRIPTION GIVEN. BUNKER HILL AFB, PERU, INDIANA, ALSO REPORTED  
THIS OBJECT.

BT

NNNN

RECEIVED

CZCS2GA30ZCAHA698

RR RJEDSQ

DE RJEDAH 56

R 291715Z 2EX

1960 NOV 30 03 19

31

4E2G  
3440A

FM HQ CALS TRUAX FLD WIS

TO ATIC WPAFB OHIO

BT

UNCLAS/CHOIN 11-4. FOR INTELLIGENCE. SUBJECT: UFO. REF MY  
 CHOIN 11-5, 23 NOV 60 AND TEL CONVERSATION WITH SGT BOLIU, ATIC.  
 CONTACT WITH INDIVIDUAL FAA TOWERS REVEALS THE FOLLOWING:  
 OHARE APT, CHICAGO: OBJECT FIRST SIGHTED 0520 CST 23 NOV 60  
 SOUTHEAST OF AIRPORT, FLEW 240 DEGREES, THEN 130 DEGREES. TURNED  
 080 DEGREES AND DISAPPEARED ON A COURSE OF 050 OVER LAKE  
 MICHIGAN. OBSERVER FEELS IT WAS NOT A BALOON. IT FIRST APPEARED  
 TO BE AN AIRCRAFT WITH LANDING LIGHTS APPROACHING OBSERVER THEN  
 LIKE AN ACFT TAIL LIGHT RECEEDING FROM OBSERVER. OBSERVER: *atc*  
 MR [REDACTED] AGE: 30, [REDACTED], AUROPA, ILLINOIS.

PAGE TWO RJEDAH 56

BUNKER HILL AFB, INDIANA: MSGT RIVIERA, NCOIC OF AACS DETACHMENT  
REPORTS OBJECT WAS ON HEADING OF 090 DEGREES. APPEARED TO BE A  
METEOR. ANOTHER AIRMAN SAME LOCATION THROUGHT IT LOOKED LIKE A  
B-52. CAPITAL APT, SPRINGFIELD, ILLINOIS: OBSERVER WAS MR MARTIN T.  
HUSAR, FAA CONTROLLER, LOG ENTRY READS: 1120Z, COMET LIKE  
OBJECT OBSERVED ON EAST HORIZON. SEEMED TO BE LIGHT SIMILAR TO  
ROCKET ENGINE WITH TRAIL THAT FANNED OUT BEHIND IT.

PEORIA APT, ILLINOIS: NO LOG ENTRY COVERING THIS SIGHTING  
AND NO ONE THERE WAS AWARE OF IT.

ALL PARTIES ARE IN AGREEMENT THAT THE OBJECT WAS NOT A BALOON.

BT

29/1721Z NOV RJEDAH

NNNN

6

M

RE154

1030 NOV 23 22 48

ZCSQQD226ZCBWA439

PP RJEDSQ

DE RJEDDW IC

P 232130Z

FM DETROIT ADS CUSTER AFS MICH

TO RJWFAL/ADC ENT AFB COLO

RJEDAH/30 AIR DIV SAGE TRUAX FLD WISC

RJEDSQ/AEROSPACE TECHNICAL INTELLIGENCE CTR WRIGHT PATTERSON AFB OHIO

RJEZHQ/HQ USAF AFCIN WASHINGTON 25 D C

RJEZHQ/SECRETARY OF THE AIR FORCE SAFIS WASH 25 DC

RJEDFJ/1 FTR WG SELFRIDGE AFB MICH

BT

UNCLASS DEOIN 3376.

SUBJ: UFO. BECAUSE OF PAUCITY OF DETAIL ON SIGNIFICANT POINTS, FORMAT IN PARAGRAPH 15, AFR 200-2, IS NOT USED IN THIS REPORT. NUMEROUS REPORTS OF UNIDENTIFIED FLYING OBJECT ACROSS LOWER PORTION OF MICHIGAN RECEIVED AT THIS HEADQUARTERS UP TO 231430Z NOV 60. REPORTED OBSERVATIONS ALL OCCURRED BETWEEN 231120Z AND 231400Z. FIRST REPORTED SIGHTING WAS BY MR [REDACTED] (TELEPHONE [REDACTED]), OF RADIO STATION "[REDACTED]", KALAMAZOO

631  
 3 J E Z (UFO)  
 4. J X U W

PAGE TWO RJEDBW 10

HE REPORTED TWO BRIGHT LIGHTS OBSERVED EAST OF KALAMAZOO AT 1120ZM NO FURTHER DATA. NEXT REPORTED SIGHTINGS WERE VICINITY OF BATTLE CREEK BETWEEN 1130Z AND 1200Z. MOST REPORTS DESCRIBED A BRILLIANT, SHINY OBJECT, FLOATING TOWARD THE EAST-NORTHEAST OF BATTLE CREEK. SEVERAL REPORTS WERE DESCRIBED A FAN-SHAPED "TAIL" APPARENTLY HANGING FROM THE OBJECT. "TAIL" APPEARED TO OSCILLATE IN FLIGHT. NO FURTHER DATA. LAST REPORTED SIGHTINGS (MANY IN NUMBER) OCCURRED VICINITY OF DETROIT AND SELFRIDGE AFB APPROXIMATELY 1330Z TO 1400Z. OBJECT APPEARED TO RESEMBLE BALLOON ON NORTHEAST HEADING. NO FURTHER DATA.

COMMENTS OF PREPARING OFFICER: 1. NO UFO WAS TRACKED BY DETROIT AIR DEFENSE SECTOR FACILITIES DURING STATED TIME PERIODS. 2. A GENERAL TEMPERATURE INVERSION COVERED THE SECTOR AREA DURING THE MORNING. 3. WIND PATTERNS WERE SUCH THAT A BALLOON LAUNCHED IN AREA TO THE WEST AND NORTHWEST OF DETROIT SECTOR WOULD TRANSIT THE SECTOR

PAGE THREE RJEDBW 10

ALONG THE LINE KALAMAZOO-BATTLE CREEK-DETROIT.

PAGE TWO RJEDBW 10

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PAGE THREE RJEDBW 10

ALONG THE LINE KALAMAZOO-BATTLE CREEK-DETROIT.



PAGE THREE RJEDBW 10

ALONG THE LINE KALAMAZOO-BATTLE CREEK-DETROIT.

4. NO NOTAMS WERE RECEIVED AT DETROIT ADS CONCERNING A BALLOON LAUNCH. 5. TELEPHONE CHECKS WITH GENERAL MILLS, MINNEAPOLIS; U.S. WEATHER BUREAU, GREEN BAY; RAVEN INDUSTRIES, SIOUX FALLS; C. T. SCHJELDAHL CO, NORTHFIELD, MINN; UNIVERSITY OF MINNESOTA PHYSICS DEPARTMENT, MINNEAPOLIS; AND FERMI INSTITUTE OF UNIVERSITY OF CHICAGO ALL PROVED NEGATIVE AS REGARDS THEIR LAUNCHING OF BALLOONS WHICH COULD HAV BEEN THE OBJECT REPORTED SIGHTED IN MICHIGAN. 6. SUNRISE IN LOCAL AREA WAS AT 231239Z. 7. COMPLETE WEATHER AND WIND DATA WILL BE SUBMITTED IN FOLLOW-UP MESSAGE.

8. OBJECT SIGHTED APPEARS TO HAVE BEEN AN INSTRUMENTED BALLOON OF AS YET UNKNOWN ORIGIN.

BT

23/2132Z NOV RJEDBW

RNNH

RECEIVED

NOV 1 22 27

→ 17 4E2F  
3 4X2A

REC'D  
[Signature]  
61

RA153

MMCZCSQE4712CBWA737

RR RJEDSQ

DE RJEDBW 12

R 012000Z ZEX

FM DETROIT ADS CUSTER AFS MICH

TO RJWFAL/ADC ENT AFB COLO

RJEDAH/33 AIR DIV SAGE TRUAX FLD WISC

RJEDSQ/AEROSPACE TECHNICAL INTELLIGENCE CTR WRIGHT PATTERSON AFB OHIO

RJEZHQ/HQ USAF AFCIN WASH 25 P C

RJEDEFJ/1 FTR WG SELFRIDGE AFB MICH

AF GRNC


BT

UNCLASS DEOIN 3425. REF OUR MSG DEOIN 3375 DTD 23 NOV 60. THE FOLLOWING IS THE WEATHER FOR THE BATTLE CREEK AREA ON 23 NOV 60. AT 1100Z ON 23 NOV BTL WAS CLEAR 15 PLUS MILES VISIBILITY, SURFACE WIND NW AT SIX KNOTS. AT 1200Z BTL WAS CLEAR 15 PLUS MILES VISIBILITY, SURFACE WIND NW AT EIGHT KNOTS. WINDS ALOFT: 6000 FT-310/25; 10,000 FT-290/35; 16,000 FT-270/55; 20,000 FT-270/70; 30,000 FT-260/85; 50,000 FT-250/85; 80,000 FT-330/10. TEMPERATURE GRADIENT SHOWS: 1. INVERSION FROM SFC TO 3200 FT, TEMP ROSE 3 DEGREES C IN THIS INTERVAL. 2. A NORMAL LAPSE RATE FROM 3200 FT TO 12,000 FT, TEMP FELL 17 1/2 DEGREES C IN THIS INTERVAL. 3. INVERSION FROM 12,000 FT TO 13,500 FT, TEMP ROSE 3 DEGREES C IN THIS INTERVAL. 4. ALL ABOVE 13,500 FT IS NORMAL.

BT

172057Z NOV RJEDBW

UNCLASSIFIED  
CLASSIFICATION

COUNTRY OF ACTIVITY REPORTING United States of America		REPORT NO. IR-34-60	(Leave blank)
<b>AIR INTELLIGENCE INFORMATION REPORT</b>			
COUNTRY OF AREA REPORT CONCERNS Scott AFB and Centralia, Illinois		DATE OF INFORMATION 23 Nov 1960	
ACTIVITY SUBMITTING REPORT 1405th ABW (MATS) Scott AFB, Ill		DATE OF COLLECTION 23 Nov 1960	SRI STATUS (If applicable) SRI NO. _____ CANCELED/INCOMPLETE
PREPARING INDIVIDUAL William Y. McPherson		DATE OF REPORT 23 Nov 1960	SRI NO. _____ CANCELED/INCOMPLETE
NAME OR DESCRIPTION OF SOURCE [REDACTED] and A/2C G. R. Hamilton		EVALUATION	SRI NO. _____ ACTIVE ADDITIONAL INFORMATION ON (Date)
REFERENCES (AIR Subject, previous reports, etc., as applicable) None			
SUBJECT (Descriptive title. Use individual reports for separate subjects) (U) Unidentified Flying Object Report			
SUMMARY (Give summary which highlights the salient factors of narrative report. Begin narrative text on AF Form 112 unless report can be fully stated on AF Form 112. List inclosures, including number of copies) A report of an unidentified flying object was provided the Base Clearance Officer by [REDACTED], a civilian fireman at Scott AFB, and A/2C G. R. Hamilton, 11th AMTS, the morning of 23 November 1960. Another civilian employee, Mr. [REDACTED], Centralia, Illinois, provided a similar report to the Base Operations Officer when he reported for duty at the USAF Hospital, Scott AFB. All parties reported a bright object due East of Scott AFB, which appeared to hover for some time and then disappeared in a northeasterly direction. This object was also to the East of Centralia, Illinois, as reported by Mr. [REDACTED].  The St. Louis Air Route Traffic Control Section indicated there were no IFR flights in the area of the sightings at the time specified. The 798th AG&W Squadron, which has a 200 mile radar capability, reported no aircraft in the area of the sightings at the time specified. A St. Louis broadcast station indicated in a news summary that a scientific balloon was released in South Dakota early the morning of 23 November 1960. The U.S. Weather Bureau, St. Louis, Missouri had no knowledge of the balloon. Many other persons have been quoted by the press and radio in the St. Louis area as having seen a fiery object fall East of St. Louis, Missouri. This is considered to be a coincidence, however, as the objects described herein were a brilliant white, and were stationary during part of the sighting. The fiery object was a meteorite, according to radio reports. This headquarters is unable to determine the nature of the object, and is forwarding this information IAW paragraph 13b, AFR 200-2.			
APPROVED:  ROBERT L. DEBORD Lt Colonel, USAF Operations Officer			
DISTRIBUTION BY ORIGINATOR (Except USAF and file. Indicate dupl #/os and copies w/o inclosures, if applicable)			
MARKING: This document contains information affecting the national defense of the United States within the meaning of the Espionage Laws, Title 18, U.S.C., Section 793 and 794. Its transmission or the revelation of its contents in any manner to an unauthorized person is prohibited by law.			

AF FORM 112 REPLACES AF FORM 112, 1 OCT 52, WHICH MAY BE USED

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CLASSIFICATION

U.S. GOVERNMENT PRINTING OFFICE: 1960 - 715475

7. The now famous Mid-west sightings of November 23, 1960.

The midwest sightings of November 23, 1960, were concluded to be Thor II during its initial launching phase from Cape Canaveral, Florida. The programming of this satellite was relatively flat trajectory at altitude on a Northeast azimuth. This launching was easily visible in the midwest and pilots reported seeing it from further west.

UNCLASSIFIED

CLASSIFICATION

(when filled in)

## SUPPLEMENT TO AF FORM 112

ORIGINATING AGENCY

1405th ABW (MATS)  
Scott AFB, Ill

REPORT NO.

IR-34-60

PAGE

2

OF

5

PAGES

## a. Description of the Object:

- (1) Shape. Mr. [REDACTED] and A/2C Hamilton --- Star  
Mr. [REDACTED] --- Reverse J (6)
- (2) Size. Star
- (3) Color. Bright white light. Brighter than any star.
- (4) Number. Mr. [REDACTED] and A/2C Hamilton --- Two  
Mr. [REDACTED] --- one
- (5) Formation. Separated
- (6) Any discernible features or details.

Mr. [REDACTED] and A/2C Hamilton stated there was a beam of light aimed downward and to the South.

- (7) Tail, trail or exhaust.  
None.
- (8) Sound.  
None.
- (9) Other pertinent or unusual features.  
None.

## b. Description of Course of Objects:

- (1) What first called the attention of observer(s) to the object(s)?  
Brilliance of object.
- (2) Angle or elevation and azimuth of the object(s) when first observed.  
Mr. [REDACTED] and A/2C Hamilton --- Elevation  $30^{\circ}$ , Azimuth  $90^{\circ}$   
Mr. [REDACTED] --- Elevation  $45^{\circ}$ , Azimuth  $90^{\circ}$
- (3) Angle or elevation and azimuth of object(s) upon disappearance.  
Mr. [REDACTED] and A/2C Hamilton --- Elevation  $30^{\circ}$ , Azimuth  $45^{\circ}$   
Mr. [REDACTED] --- Elevation  $45^{\circ}$ , Azimuth  $45^{\circ}$
- (4) Description of flight path and maneuvers of object(s).  
Hovered for few minutes, then moved rapidly towards NE and disappeared.

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AF FORM 112a

FEB 58

REPLACES AF FORM 112-PART II, JUN 46,  
WHICH MAY BE USED  
PREVIOUS EDITIONS OF THIS  
FORM MAY BE USED.

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U. S. GOVERNMENT PRINTING OFFICE: 1958 O 105295

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SUPPLEMENT TO AF FORM 112

ORIGINATING AGENCY 1405th ABW (MATS) Scott AFB, Ill	REPORT NO. IR-34-60	PAGE 3 OF 5 PAGES
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(5) How did the object(s) disappear?

Instantaneously to the Northeast.

(6) How long was the object(s) visible. (Be specific, 5 minutes, 1 hour, etc)

Approximately five (5) minutes.

c. Manner of Observation:

(1) Use one or any combination of the following items:  
Ground-visual, ground-electronic, air electronic. (If electronic, specify type of radar).

Ground-visual.

(2) Statement as to optical aids (telescopes, binoculars, and so forth) used and description thereof.

No optical aids.

(3) If the sighting is made while airborne, give type of aircraft, identification number, altitude, heading, speed and home station.

N/A

d. Time and Date of Sighting:

(1) Zulu time -- date group of sighting.

Mr. [redacted] and A/2C Hamilton -- 231130 Z  
Mr. [redacted] -- 231115 Z

(2) Light conditions -- (Night, day, dawn, dusk).

Night.

e. Location of Observer(s). Exact latitude and longitude of each observer, and/or geographical position. A position with reference to a known landmark also should be given, such as "2 mi N of Deeville," "3 mi SW of Blue Lake". Typographical errors or "Garbling" often result in electrically transmitted messages, making location plots difficult or impossible.

Mr. [redacted] and A/2C Hamilton -- Flight Line at Scott AFB.  
Mr. [redacted] -- Centralia, Illinois, approximately 45 miles East of Scott AFB.

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SUPPLEMENT TO AF FORM 112

ORIGINATING AGENCY 1405th ABW (MATS) Scott AFB, Ill	REPORT NO. IR-34-60	PAGE 4 OF 5 PAGES
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f. Identifying Information on Observer(s):

(1) Civilian - Name, age, mailing address, occupation.

Mr. [REDACTED]  
[REDACTED] Box 62,  
O'Fallon, Illinois  
Civilian Fireman, Scott AFB

Mr. [REDACTED]  
[REDACTED]  
Centralia, Illinois  
Janitor, USAF Hospital

(2) Military - Name, grade, organization, duty, and estimate of reliability.

A/2C G. R. Hamilton  
11th Aeromedical Transport Sq  
Scott AFB, Illinois  
Aircraft Mechanic  
Considered very reliable.

g. Weather and Winds - Aloft Conditions at Time & Place of Sightings:

(1) Observer(s) account of weather conditions.

Clear, but still dark

(2) Report from AWS, Scott AFB.

231100 Z

Surface	-- 360/6
6,000	-- 020/20
10,000	-- 270/25
15,000	-- 275/45
20,000	-- 270/55
30,000	-- 260/75
50,000	-- 265/60
80,000	-- 040/15

(3) Ceiling

231100 Z -- None.

(4) Visibility

231100 Z -- 10 miles.

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ORIGINATING AGENCY 1405th ABW (MATS) Scott AFB, Ill	REPORT NO. IR-34-60	PAGE 5 OF 5 PAGES
---	------------------------	-------------------

(5) Amount of cloud cover

None.

(6) Thunderstorms

None.

(7) Temperature gradient

Normal on surface  
Weak inversion to 10,000 ft  
Standard aloft

h. Other Unusual Activity - None.

i. Interception Action - None.

j. Air Traffic - None.

k. Position Title and Comments of Preparing Officer.

If it can be determined that a scientific balloon was released in South Dakota early the morning of 23 November 1960, it is quite possible that the "jet stream" and wind direction shown above could have carried the balloon to the area of sighting, at the times reported. Change in altitude could account for the apparent change in direction and disappearance. Also, from previous knowledge of similar incidents, aerial photo flares can be seen for hundreds of miles. Inasmuch as Wright-Patterson AFB is northeast of Scott AFB, it is feasible that an ARDC test was being undertaken involving a photo flare.

l. Physical Evidence - None.

*William Y. McPherson*  
WILLIAM Y. MCPHERSON

Civilian

Plans &amp; Programs Officer

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AF FORM 112a

REPLACES AF FORM 112, 1 JAN 58, WHICH IS OBSOLETE.  
NO CHANGE IN CONTENTS.  
THIS FORM MAY BE USED.

CLASSIFICATION

U. S. GOVERNMENT PRINTING OFFICE: 1964 O-242124

UNCLASSIFIED



JOINT MESSAGEFORM

SECRET

SPACE BELOW DESIGNATED FOR DONOR'S USE ONLY

*12/01/60*

130 DEC 5 21 49

PRECEDENCE ACTION ROUTINE	TYPE MSG (REF ID) MODE MULTI SINGLE	ACCOMMODATING SYMBOL AP	ORIG OR REFERS TO MTCRPO-23-11-13E	CLASSIFICATION OF REFERENCE SECRET
------------------------------	--	----------------------------	---------------------------------------	---------------------------------------

ATTN: W-P AFB

TO: PATRICK AFB, FLA *Wesley*

*UNCLASSIFIED*  
~~SECRET~~ AFG IN-1E2x 12-3463-E

YOUR CLASSIFIED MSG MTCRPO-23-11-13E, DTD 23 NOV 60, REF TEST 3804,  
WHAT WAS THE BURNING TIME OF EACH STAGE? AT WHAT ALTITUDE AND  
TIME DID EACH STAGE BURN OUT?

Classification Cancelled

*Philip G. Evans*  
*AFR 2054, Para 2.7.2*  
*3 Jan 61*

DATE 2	TIME 1300
MONTH DEC	YEAR 1960

SYMBOL AFG IN-1E2x	RELATIONSHIP	SIGNATURE <i>Philip G. Evans</i>
NAME AND TITLE Major Robert J. Friend		TYPED (OR SIGNATURE) NAME AND TITLE PHILIP G. EVANS Colonel, USAF Deputy for Science and Components
PHONE 69215	PAGE 1	NO. OF PAGES 1

[REDACTED]  
RECEIVE

SQB501  
ADC 896FQBS50FQK&87  
RR RJEDSQ  
DE RJEXFQT 320  
R 062115Z

060 U,  
DEC 6 23 30

17 YE2X  
2  
3  
4 FX2A

FM AFMTC PATRICK AFB FLA

TO AFTIC WPAFB OHIO

BT

*Muz*

[REDACTED] FROM MTGTPO-06-12-07E. REF URMSG AFCIN-4E2X

12-346-E U. TEST 3804 LAUNCH OF DELTA III-TIROS II-THOR 245

THE BURNING TIMES ARE AS FOLLOWS:

MAIN ENGINE CUTOFF 157.4 SEC ALTITUDE 62.6 NM; SECOND STAGE  
IGNITION 161.4 SEC ALTITUDE 65.6 NM; SECOND STAGE ENGINE  
CUTOFF 273.2 SEC ALTITUDE 182.3 NM; THIRD STAGE IGNITION 720.5  
ALTITUDE 381.8 NM (NOMINAL); THIRD ENGINE CUTOFF 756.5 SEC  
ALTITUDE 380 NM (NOMINAL).

BT

06/2210ZDEC RJEXFQT  
[REDACTED]

Classification Cancelled

*[Handwritten signature]*

*AFR 2051, Para 2-17  
301  
Jan 68*

NN

[REDACTED]





AFCEX-482x

UFO Sighting (Mr. ██████████)

SAFOI-3d (L/Col Tacker)

1. Reference attached copy of a letter to the Aerospace Technical Intelligence Center from Mr. ██████████, dated 8 December 1960. Mr. ██████████ is the Aviation Writer for a Painesville, Ohio newspaper called "██████████".
2. Specific information concerning the launching of Tiroc II; such as ignition times, burning times of the various stages, and altitudes of burn out are legitimate classified information.
3. Mr. ██████████ should be advised that during its initial flight path Tiroc II did not pass over Ohio. The initial heading was generally northeast from Cape Canaveral and the flight path would have been generally parallel to the east coast of the United States and averaged approximately 200 miles at sea. The classified data of the firing does reveal the fact that it was high enough to be seen from locations as far west as Chicago. At the general time of the sightings, 0625 EST, Tiroc II was in horizontal flight and the third stage was in operation. The general descriptions by the witnesses also matches those given by missile men from experiences with other launchings.
4. Only one balloon launching, other than regular weather balloons, could be determined for 23 November 1960. This balloon was launched by Raven Industries from Sioux Falls, South Dakota at 0950Z on 23 November 1960. This balloon was of the Skyhook type, reached a diameter of 159 feet and flew at an altitude of 115,000 feet. The flight path of this balloon was generally east from Sioux Falls to Lone Rock, Wisconsin where it turned generally northeast to Oshkosh, Wisconsin, where it resumed its eastward flight path to Marquette, Michigan, at which point it was brought down. The flight was terminated at 2113Z on 23 November 1960.
5. There was a general temperature inversion over Michigan on the morning of 23 November 1960. It is possible that the atmospheric optics associated with this phenomenon, coupled with the excitement generated by the early morning viewings of Tiroc II, could be responsible for the large number of reports subsequent to the Tiroc II event.

6. It is the AFIC opinion that the sightings which occurred at approximately 0025 EST were due to the viewing of the launching of Tiroc II. In the absence of sufficient data, the subsequent sighting cannot be tied to a specific incident or event and, therefore, must remain unidentified.

7. Mr. [REDACTED] address is:

Mr. [REDACTED]  
[REDACTED]  
Painesville, Ohio

FOR THE COMMANDER:

*Lee J. Antoszyk USAF*  
LEE J. ANTOSZYK  
Colonel, USAF  
Deputy for Science and Components

2 Atch:  
1. Cy ltr 3 Dec 60  
sgnd [REDACTED]  
2. Newspaper clipping

COORDINATION:

AFCIN-442x Robert J. [REDACTED] Date 16 Dec 60

AFCIN-442 H. S. [REDACTED] Date 12/19/60

UPI 456

HA

1ST LEAD UFO COLORADO SPRINGS (AP)

CHICAGO, NOV 23 (UPI)--AN UNIDENTIFIED FLYING OBJECT SOARED OVER THE MIDWEST BEFORE DAWN TODAY AND WAS SEEN BY AIRPORT CONTROL TOWERS AND OTHER OBSERVERS FROM OHIO TO WISCONSIN.

THE OBJECT WAS DESCRIBED AS A BRIGHT LIGHT TRAVELLING FROM WEST TO EAST.

AT COLORADO SPRINGS, COLO., THE COMBAT OPERATIONS CENTER AT NORTH AMERICAN AIR DEFENSE COMMAND (COMBAT HEADQUARTERS) SAID IT RECEIVED A REPORT OF THE OBJECT FROM THE 37TH AIR DIVISION AT HOLLAND, WIS. A SPOKESMAN SAID THE REPORT CAME FROM TRUAX FIELD NEAR THE OBJECT OF UNCERTAIN SIZE, BALL SHAPE AND WHITE TO BRILLIANT-WHITE COLOR WITH A LONG WHITE TAIL. IT MADE NO NOTICEABLE SOUND.

NO ONE WAS ABLE TO TRACK IT BY RADAR.

MIDWICH METROPOLITAN AIRPORT SAID IT BELIEVED THE LIGHT MIGHT HAVE BEEN CAUSED BY A HIGH FLYING JET PLANE RELEASING A CHAFF SHOWER IN A TEST OF RADAR JAMMING EQUIPMENT.

MIDWAY AIRPORT IN CHICAGO SAID THIS WAS A POSSIBLE EXPLANATION BUT ADDED, "WE'VE NEVER SEEN ANYTHING LIKE IT BEFORE AND DON'T KNOW WHAT IT WAS."

MICHIGAN STATE POLICE HEADQUARTERS AT EAST LANSING, MICH., SPECULATE THE LIGHT MIGHT HAVE BEEN A REFLECTION OF THE SUN ON A SCIENTIFIC BALLOON LAUNCHED EARLY TODAY FROM SIOUX FALLS, S. D., IN CONNECTION WITH A TIROS SATELLITE LAUNCHING AT CAPE CANAVERAL, FLA.

HOWEVER, THE BALLOON WAS REPORTED THREE HOURS AFTER THE SIGHTING AT 114,000 FEET ABOUT 15 MILES NORTHEAST OF KANSAS CITY, MO., WHICH RULED IT OUT AS THE OBJECT REPORTED. THE OBJECT SIGHTED NEAR THE GREAT LAKES WAS SEEN ABOUT 5:15 A.M. CST. THE BALLOON WAS LAUNCHED AT 3:50 A.M.

THE UNIDENTIFIED OBJECT WAS SIGHTED IN ILLINOIS, INDIANA, OHIO AND MICHIGAN.

THE FEDERAL AVIATION ADMINISTRATION CONTROL CENTER AT CHICAGO SAID IT SAW SOME INTERESTING BRIGHT LIGHTS HIGH IN THE SKY "THAT DIDN'T LOOK LIKE A METEOR FROM THOSE WE'VE SEEN BEFORE."

THE CONTROL CENTER AT CHICAGO'S O'HARE INTERNATIONAL AIRPORT WAS EQUALLY MYSTIFIED. "EVERYBODY HAS BEEN GETTING REPORTS ON IT, BUT WE DON'T KNOW WHAT IT WAS," THE TOWER SAID.

"IT WAS SOME SORT OF OBJECT WITH A LONG TAIL BEHIND IT, TRAVELING WEST TO EAST AND VISIBLE FOR ABOUT 15 MINUTES. I'VE NEVER SEEN ANYTHING LIKE IT BEFORE," A TECHNICIAN AT O'HARE SAID.

"I'VE SEEN SOME COMETS AND IT DIDN'T LOOK LIKE ONE TO ME. IT'S BEEN REPORTED ALL OVER--DOWN SOUTH OF HERE AND UP THE EAST."

ANNOUNCERS AND ENGINEERS AT WASCO STATION CITY AT LAUREL, ILL., ALSO SAID THEY SAW A "BRIGHT LIGHT TRAVELING STRAIGHT EAST" AS REPORTED AVIATION OFFICIALS IN INDIANAPOLIS AND LAFAYETTE, IND., ALSO HAD SIGHTED THE OBJECT.

OTHER CITIES SIGHTING THE OBJECT INCLUDED MALDEN, GRAND RAPIDS, PORT HURON AND SAGINAW, MICH., AND DAYTON, LIMA, TOLEDO AND CLEVELAND, OHIO.

THE AIR TRAFFIC CONTROL CENTER AT THE ALBANY AIRPORT SAID THE OBJECT LOOKED "LIKE A BRIGHT STAR WITH A TAIL."

INCLUDES PREVIOUS.

TPe 52ACE TFMM





### Describe Object!

## 2 Area Men Report UFO

"I never saw anything like it before!"

Earl Reid Jr., of Montville, one of three men from the Diamond Alkali Co. who saw an unidentified flying object early this morning, added that it was "as bright as the moon, shaped like a comet and moving at a good rate of speed."

The object was spotted as he drove up Rt. 86 along Moody Hollow Hill at 6:30 a.m. "It was between two clouds, just as it was beginning to get light. It was bigger than the crescent moon.

"I watched it for about 10 seconds," Mr. Reid went on. "When I got to the stop light I looked again, but it was

gone."

"The thing had a round head, like a comet, and a tail that was pointed down."

He explained that he didn't think too much about it until he got to work. Then, several fellow employes, including his foreman, Donald Kulbaugh, remarked about it, he said.

Mr. Kulbaugh, 46 Lakeview Dr., Painesville Township Park, said he saw it twice. "The first time was when I stepped out the door and started for the car, about 6:20 a.m. It was curved, like it was making a turn. When I looked again, the tail was straight. Altogether I saw it for about a minute."

AF IN : 402 (23 NOV 60) DEPARTMENT OF THE AIR FORCE  
ACTION : CIN-14 STAFF MESSAGE DIVISION  
INFO : OOP-3, SABS-3 UNCLASSIFIED MESSAGE  
INCOMING (21)

*Handwritten signature*

*01*

NNNN

SMD A196

CZCHQD886ZCYJF457

PP RJEZHQ

DE RJEDAH 34

P 231845Z ZEX

FM CADS TRUAX FLD WIS

TO RJWFAL/ADC ENT AFB COLO

RJEDSO/ATIC WPAFB OHIO

RJEZHQ/HQ USAF WASHDC

RJEZHQ/SABS WASHDC

BT

UNCLAS/CHOIN 11-3. FOR INTELLIGENCE. SABS ATTN INFO SVCS. IMMEDIATE ACTION REQUIRED. UFO. REFERENCE AFR 200-2, PAR 15.

A. (1) VARIED BETWEEN BALL AND SHAPLESS.

(2) UNKNOWN

(3) REDDISH WHITE

(4) ONE

(5) NONE

(6) NONE

(7) LONG WHITE TRAIL.

(8) NONE

DEPARTMENT OF THE AIR FORCE  
STAFF MESSAGE DIVISION  
UNCLASSIFIED MESSAGE

I N C O M I N G

AF IN : 402 (23 Nov 60)

Page 2 of 3

PAGE TWO RJEDAH 34

- (9) VERY BRIGHT
- B. (1) AIRLINE AND CONTROL TOWER REPORTS
- (2) APPROX 15000 FT SOUTHEAST CHICAGO
- (3) NORTHEAST INTO LAKE MICHIGAN
- (4) SWUNG SOUTHWEST, THEN SOUTH
- (5) FROM SOUTH TO NORTHEAST, THEN NORTH INTO LAKE MICHIGAN
- (6) FOUR TO FIVE MINUTES
- C. (1) VISUAL
- (2) BINOCULARS
- (3) NUMEROUS PILOT REPORTS TO ARTC (CHICAGO)
- D. (1) 1124Z 23 NOV 60
- (2) NIGHT
- E. (1) CHICAGO ARTC
- (2) CHICAGO, ILLINOIS
- F. (1) MR. P [REDACTED] AGE: 49, [REDACTED] BERWYN, ILLINOIS  
WATCH SUPERVISOR, CHICAGO ARTC. CONSIDERED VERY RELIABLE.
- G. (1) CLEAR
- (2) A. NW/8; B. 290/15; C. 260/25; D. 250/40; E. 250/60;  
F. 250/105; G. 250/65; H. 60,000 FT: 250/45.
- (3) NONE

DEPARTMENT OF THE AIR FORCE  
STAFF MESSAGE DIVISION  
UNCLASSIFIED MESSAGE

INCOMING

AF IN : 402 (23 Nov 60)

Page 3 of 3

PAGE THREE RJEDAH 34

(4) 15 PLUS

(5) NONE

(6) NONE

H. NONE

I. NONE - INSUFFICIENT TIME

J. NONE

K. MAJOR BILLY D WELCH, SR DIRECTOR, CHICAGO ADS

(2) REPORTS FROM SEVERAL SOURCES WERE CONSISTANT AS TO COLOR  
OF OBJECT.

(5) UNKNOWN

L. NONE

N. NONE

REMARKS: O'HARE AND MIDWAY AIRPORTS TOWER OPERATORS AND SEVERAL  
PERSONS IN CHICAGO ARTC WITNESSED THE OBJECT. CHICAGO ARTC ALSO  
RECEIVED REPORTS FROM SEVERAL AIRCRAFT AND FROM PEORIA AND SPRING-  
FIELD, ILLINOIS TOWERS. A CHECK WITH UNIV OF WISC METEOROLOGICAL  
OBSERVATORY REVEALED NO METEORS OR OTHER OBJECTS THAT COINCIDED WITH  
THE DISCRPTION GIVEN. BUNKER HILL AFB, PERU, INDIANA, ALSO REPORTED  
THIS OBJECT.

BT

25/1846Z NOV RJEDAH

DEPARTMENT OF THE AIR FORCE  
STAFF MESSAGE DIVISION  
UNCLASSIFIED MESSAGE

*Approved*  
*OT*

AP IN : 368 (23 Nov 60) **INCOMING**  
ACTION : CIN-14  
INFO : GOP-3, SAPS-3 (21)

SMD A192

CZCHOC132ZCYJD125

PP RJEZHQ

DE RJEDHW 10

P 232130Z

FM DETROIT ADS CUSTER AFS MICH

TO RJWFAL/ADC ENT AFB COLO

RJEDAH/30 AIR DIV SAGE TRUAX FLD WISC

RJEDSO/AEROSPACE TECHNICAL INTELLIGENCE CTR WRIGHT PATTERSON AFB  
OHIO

RJEZHQ/HQ USAF AFCIN WASHINGTON 25 D C

RJEZHQ/SECRETARY OF THE AIR FORCE SAFIS WASH 25 DC

RJEDFJ/1 FIR WG SELFRIDGE AFB MICH

BT

UNCLASS DEOIN 3376.

SUBJ: UFO, BECAUSE OF PAUCITY OF DETAIL ON SIGNI-  
FICANT POINTS, FORMAT IN PARAGRAPH 15, AFR 200-2,  
IS NOT USED IN THIS REPORT. NUMEROUS REPORTS OF  
UNIDENTIFIED FLYING OBJECT ACROSS LOWER PORTION  
OF MICHIGAN RECEIVED AT THIS HEADQUARTERS UP TO  
231430Z NOV 60. REPORTED OBSERVATIONS ALL

OCCURRED BETWEEN 231120Z AND 231400Z. FIRST

REPORTED SIGHTING WAS BY MR [REDACTED] TELEPHONE

[REDACTED], OF RADIO STATION "[REDACTED]", KALAMAZOO

DEPARTMENT OF THE AIR FORCE  
STAFF MESSAGE DIVISION  
UNCLASSIFIED MESSAGE

I N C O M I N G

AF IN : 368 (23 Nov 60)

Page 2 of 3

PAGE TWO RJEDBW 10

HE REPORTED TWO BRIGHT LIGHTS OBSERVED EAST OF KALAMAZOO AT 1120ZM NO FURTHER DATA. NEXT REPORTED SIGHTINGS WERE VICINITY OF BATTLE CREEK BETWEEN 1130Z AND 1200Z. MOST REPORTS DESCRIBED A BRILLIANT, SHINY OBJECT, FLOATING TOWARD THE EAST-NORTHEAST OF BATTLE CREEK. SEVERAL REPORTS WERE DESCRIBED A FAN-SHAPED "TAIL" APPARENTLY HANGING FROM THE OBJECT. "TAIL" APPEARED TO OSCILLATE IN FLIGHT. NO FURTHER DATA. LAST REPORTED SIGHTINGS (MANY IN NUMBER) OCCURRED VICINITY OF DETROIT AND SELFRIDGE AFB APPROXIMATELY 1330Z TO 1400Z. OBJECT APPEARED TO RESEMBLE BALLOON ON NORTHEAST HEADING. NO FURTHER DATA.

COMMENTS OF PREPARING OFFICER: 1. NO UFO WAS TRACKED BY DETROIT AIR DEFENSE SECTOR FACILITIES DURING STATED TIME PERIODS. 2. A GENERAL TEMPERATURE INVERSION COVERED THE SECTOR AREA DURING THE MORNING. 3. WIND PATTERNS WERE SUCH THAT A BALLOON LAUNCHED IN AREA TO THE WEST AND NORTHWEST OF DETROIT SECTOR WOULD TRANSIT THE SECTOR

DEPARTMENT OF THE AIR FORCE  
STAFF MESSAGE DIVISION  
UNCLASSIFIED MESSAGE

I N C O M I N G

AF IN : 353 (23 Nov 60)

Page 3 of 3

PAGE THREE RJEDBW 10

ALONG THE LINE KALAMAZOO-BATTLE CREEK-DETROIT.

4. NO NOTAMS WERE RECEIVED AT DETROIT ADS CONCERNING A BALLOON LAUNCH. 5. TELEPHONE CHECKS

WITH GENERAL MILLS, MINNEAPOLIS; U.S. WEATHER

BBUREAU, GREEN BAY; RAVEN INDUSTRIES, SIOUX FALLS;

G. T. SCHJELDAHL CO, NORTHFIELD, MINN; UNIVERSITY

OF MINNESOTA PHYSICS DEPARTMENT, MINNEAPLLIS;

AND FERMI INSTITUTE OF UNIVERSITY OF CHICAGO ALL

PROVED NEGATIVE AS REGARDS THEIR LAUNCHING

OF BALLOONS WHICH COULD HAE BEEN THE OBJECT

REPORTED SIGHTED IN MICHIGAN. 6. SUNRISE IN LOCAL

AREA WAS AT 231239Z. 7. COMPLETE WEATHER AND WIND

DATA WILL BE SUBMITTED IN FOLLOW-UP MESSAGE.

8. OBJECT SIGHTED APPEARS TO HAVE BEEN AN

INSTRUMENTED BALLOON OF AS YET UNKNOWN ORIGIN.

BT

23/2152Z NOV RJEDBW

DEPARTMENT OF THE AIR FORCE  
STAFF MESSAGE DIVISION  
UNCLASSIFIED MESSAGE

N

AF INP : 615 (24 Nov 60)

**INCOMING**  
K/cem

ACTION : CIN-14

INFO : SAFS-3, OOP-3 (21)

SMD A021

ZCHQB145ZCDGA2-1

PP RJEZHQ

DE RJEZDG 47

P 232130Z ZEX

FM 551AEWCONWG OTIS AFB MASS

TO RJWFAL/ADC ENT AFB COLO

RJEZSN/26ADIV SAGE HANCOCK FLD SYRACUSE NY

RJEDSQ/ATIC WRIGHT PATTERSON AFB DAYTON OHIP

RJEZHQ/HQ USAF AFCIN WASH DC

RJEZHQ/SECRETARY AF Satis WASH DC

INFO RJEDAH/30TH ADIV TRUAX FLD WISC

BT

UNCLAS FROM 551 OIN 6058.

ACTION ADC, 26TH ADIV (SAGE), ATIC, ASST CHIEF OF STAFF HQ USAF,  
AND OIS HQ USAF. UFO REPORT. PER PARA 15, AFR 200-2, UFO  
SIGHTING REPORTED AS FOLLOWS: A. OBJECT DESCRIPTION (1) BRIGHT  
LIGHT(S), WITH CONE OR TRIANGULAR TRAIL OF WAKE SEPARATED BY A  
SPACE. (2) SIZE ESTIMATED BETWEEN HEAD OF PENCIL AND BASKET-  
BALL FOR LIGHT, WITH TRAIL TEN TO FIFTEEN LONGER. (3) LIGHT  
WHITE, TRAIL BLuish WHITE (4) TWO SIMILAR OBJECTS (5) MAN-  
EUVERED OR MOVED IN ROUGHLY PARALLEL PATHS (6) NONE (7) SEE  
(1) ONE AND (2) TWO ABOVE (8) NO SOUND INVOLVED IN SIGHTING

*Handwritten signature and initials*



DEPARTMENT OF THE AIR FORCE  
STAFF MESSAGE DIVISION  
UNCLASSIFIED MESSAGE

I N C O M I N G

AF IN : 615 (24 Nov 60)

Page 2 of 3

PAGE TWO RJEZDG 47

(9) LIGHTS MOVED AT TREMENDOUS SPEEDS B. COURSE DESCRIPTION:

(1) OBSERVED ALONG FLIGHT PATH OF OBSERVING AIRCRAFT (2) FIRST OBJECT SIGHTED AT 2 O'CLOCK HIGH, APPEARED TO BE APPROACHING ON NORTHWEST HEADING, MOVED UP AND NORTHWARD WITHIN AN ESTIMATED 20 DEGREES OF ARC OF SKY, CONSTANTLY VISIBLE UNTIL DISAPPEARANCE.

SECOND OBJECT APPEARED SHORTLY AFTER FIRST, MOVED IN ROUGHLY PARALLEL COURSE, OBSERVED INTERMITTENTLY, CLIMBED ACROSS PATH OF FIRST OBJECT TO HIGHER POSITION, BOTH DISAPPEARING TOGETHER. (3) DISAPPEARED AT POINT BETWEEN ZERO AND FIVE DEGREES ABOVE FLIGHT LEVEL.

(4) APPEARED ABOUT FIVE DEGREES APART (SEE (2) ABOVE). (5) VANISHED (6) OBSERVED OVER PERIOD OF EIGHT MINUTES C. MANNER

OBSERVATION: (1) AIR-VISUAL, NO CONTACT ON APS 42 OPERATING AT TIME (2) NO OPTICAL AIDS (3) OBSERVED FROM COCKPIT OF RC121 AIRCRAFT NUMBER 52341B AT 15000 FT, COMPASS HEADING 091 DEGREES, SPEED 220 KNOTS-TAS, HOME STATION AND DESTINATION OTIS AFB, MASS.

D. TIME/DATE: (1) 231115Z (2) DAWN WITH ENOUGH LIGHT TO SEE BUILDINGS ON GROUND, NO MOON. E. LOCATION: AIRCRAFT DIRECTLY OVER CHICAGO HEIGHTS VOR RADIO 41 DEGREES 31 MINUTES NORTH, 87 DEGREES 34 MINUTES WEST. F. OBSERVERS: (1) CAPTAIN ROBERT L. ELDRED, 960TH AEW&CON SQ, AIRCRAFT COMMANDER, RELIABLE, FIRST UFO,

AEROSPACE TECHNICAL INTELLIGENCE CENTER  
UNITED STATES AIR FORCE  
WRIGHT-PATTERSON AIR FORCE BASE  
OHIO

REPLY TO  
ATTN OF:

AFCIN-4X2

SUBJECT:

Extract from Duty Officers' Report

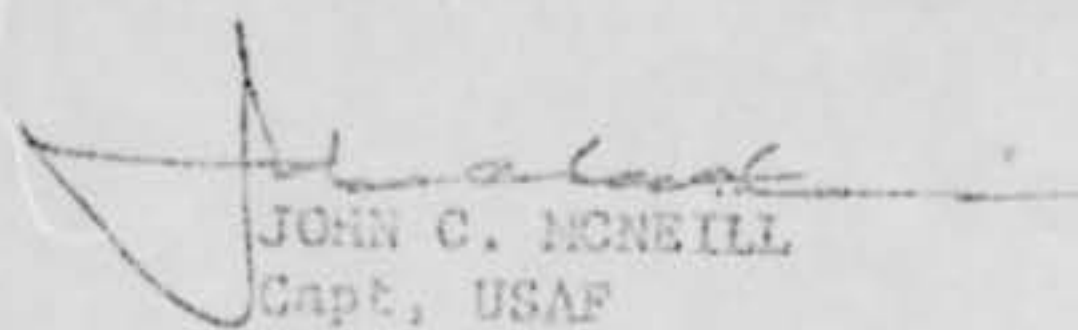
23 Nov 60

to: AFCIN-4E2, Maj Friend

The following, extracted from 1/Lt Swortzel's Report dated 22 Nov 1960, is quoted for your information:

0630 hours, received calls on UFO. Told following people that further contact would be made with them:

Mr. [REDACTED] Control Twr, Vandalia Arpt.  
Mr. [REDACTED] - WING Telephone BA 2-9882  
Mr. [REDACTED] - WIBC TV, Muncie, Ind.

  
JOHN C. MCNEILL  
Capt, USAF  
AFCIN-4X2

DEPARTMENT OF THE AIR FORCE  
STAFF MESSAGE DIVISION  
UNCLASSIFIED MESSAGE

I N C O M I N G

AF IN : 615 (24 Nov 60)

Page 3 of 3

PAGE THREE RJEZDG 47

2 YEARS ALASKA EXPERIENCE WITH AURORA. (2) SSGT KENNETH W. CAIN, 960TH AEW&CON SQ, FLIGHT ENGINEER, RELIABLE. G. WEATHER: (1) WIND AT ALTITUDE ESTIMATED 70 KNOTS FROM 280 DEGREES, FLIGHT ALTITUDE TEMPERATURE -5 DEGREES CENTIGRADE UNCORRECTED, LIGHT CLEAR AIR TURBULENCE BEING EXPERIENCED. (2) NOT AVAILABLE (3) & (4) CAVU (5) NO CLOUDS OBSERVED (6) NEGATIVE (7) NOT AVAILABLE

H. OTHER ACTIVITY: AIRCRAFT WAS IN UHF CONTACT WITH ANOTHER AIRCRAFT OVER WALNUT RIDGE, ARKANSAS, AT 34000 FEET, IDENTIFIED AS PACER 91 WHO ALSO WAS OBSERVING THE LIGHTS ABOVE HIM.

I. NOT APPLICABLE, SIGHTING WAS REPORTED BY OBSERVING AIRCRAFT TO CHICAGO CENTER RADIO WITH WHOM A POSITION REPORT WAS BEING MADE. GROUND RADIO PERSONNEL REMARKED ALSO SIGHTING LIGHT FROM THEIR GROUND POSITION. K. PREPARING OFFICER: CAPTAIN KEITH H. MOREHOUSE, WING INTELLIGENCE OFFICER, 551ST AEW&CON WING.

COMMENT: NO KNOWN ASSOCIATED SIGHTING IN LOCAL AREA NEW ENGLAND.

1. NO PHYSICAL EVIDENCE OR PHOTOS.

BT

23/2200Z NOV RJEZDG

Year	Month	Day	Time	Location	Remarks
1902	Jan	1	10	...	...
1902	Jan	2	10	...	...
1902	Jan	3	10	...	...
1902	Jan	4	10	...	...
1902	Jan	5	10	...	...
1902	Jan	6	10	...	...
1902	Jan	7	10	...	...
1902	Jan	8	10	...	...
1902	Jan	9	10	...	...
1902	Jan	10	10	...	...
1902	Jan	11	10	...	...
1902	Jan	12	10	...	...
1902	Jan	13	10	...	...
1902	Jan	14	10	...	...
1902	Jan	15	10	...	...
1902	Jan	16	10	...	...
1902	Jan	17	10	...	...
1902	Jan	18	10	...	...
1902	Jan	19	10	...	...
1902	Jan	20	10	...	...
1902	Jan	21	10	...	...
1902	Jan	22	10	...	...
1902	Jan	23	10	...	...
1902	Jan	24	10	...	...
1902	Jan	25	10	...	...
1902	Jan	26	10	...	...
1902	Jan	27	10	...	...
1902	Jan	28	10	...	...
1902	Jan	29	10	...	...
1902	Jan	30	10	...	...
1902	Jan	31	10	...	...
1902	Feb	1	10	...	...
1902	Feb	2	10	...	...
1902	Feb	3	10	...	...
1902	Feb	4	10	...	...
1902	Feb	5	10	...	...
1902	Feb	6	10	...	...
1902	Feb	7	10	...	...
1902	Feb	8	10	...	...
1902	Feb	9	10	...	...
1902	Feb	10	10	...	...
1902	Feb	11	10	...	...
1902	Feb	12	10	...	...
1902	Feb	13	10	...	...
1902	Feb	14	10	...	...
1902	Feb	15	10	...	...
1902	Feb	16	10	...	...
1902	Feb	17	10	...	...
1902	Feb	18	10	...	...
1902	Feb	19	10	...	...
1902	Feb	20	10	...	...
1902	Feb	21	10	...	...
1902	Feb	22	10	...	...
1902	Feb	23	10	...	...
1902	Feb	24	10	...	...
1902	Feb	25	10	...	...
1902	Feb	26	10	...	...
1902	Feb	27	10	...	...
1902	Feb	28	10	...	...
1902	Feb	29	10	...	...
1902	Mar	1	10	...	...
1902	Mar	2	10	...	...
1902	Mar	3	10	...	...
1902	Mar	4	10	...	...
1902	Mar	5	10	...	...
1902	Mar	6	10	...	...
1902	Mar	7	10	...	...
1902	Mar	8	10	...	...
1902	Mar	9	10	...	...
1902	Mar	10	10	...	...
1902	Mar	11	10	...	...
1902	Mar	12	10	...	...
1902	Mar	13	10	...	...
1902	Mar	14	10	...	...
1902	Mar	15	10	...	...
1902	Mar	16	10	...	...
1902	Mar	17	10	...	...
1902	Mar	18	10	...	...
1902	Mar	19	10	...	...
1902	Mar	20	10	...	...
1902	Mar	21	10	...	...
1902	Mar	22	10	...	...
1902	Mar	23	10	...	...
1902	Mar	24	10	...	...
1902	Mar	25	10	...	...
1902	Mar	26	10	...	...
1902	Mar	27	10	...	...
1902	Mar	28	10	...	...
1902	Mar	29	10	...	...
1902	Mar	30	10	...	...
1902	Mar	31	10	...	...

Date	Latitude	Longitude	Wind	Barometer	Thermometer	Remarks
10	34° 15'	121° 15'	SW	30.1	65	
11	34° 30'	121° 30'	SW	30.1	65	
12	34° 45'	121° 45'	SW	30.1	65	
13	35° 00'	122° 00'	SW	30.1	65	
14	35° 15'	122° 15'	SW	30.1	65	
15	35° 30'	122° 30'	SW	30.1	65	
16	35° 45'	122° 45'	SW	30.1	65	
17	36° 00'	123° 00'	SW	30.1	65	
18	36° 15'	123° 15'	SW	30.1	65	
19	36° 30'	123° 30'	SW	30.1	65	
20	36° 45'	123° 45'	SW	30.1	65	
21	37° 00'	124° 00'	SW	30.1	65	
22	37° 15'	124° 15'	SW	30.1	65	
23	37° 30'	124° 30'	SW	30.1	65	
24	37° 45'	124° 45'	SW	30.1	65	
25	38° 00'	125° 00'	SW	30.1	65	
26	38° 15'	125° 15'	SW	30.1	65	
27	38° 30'	125° 30'	SW	30.1	65	
28	38° 45'	125° 45'	SW	30.1	65	
29	39° 00'	126° 00'	SW	30.1	65	
30	39° 15'	126° 15'	SW	30.1	65	
31	39° 30'	126° 30'	SW	30.1	65	
1	39° 45'	126° 45'	SW	30.1	65	
2	40° 00'	127° 00'	SW	30.1	65	
3	40° 15'	127° 15'	SW	30.1	65	
4	40° 30'	127° 30'	SW	30.1	65	
5	40° 45'	127° 45'	SW	30.1	65	
6	41° 00'	128° 00'	SW	30.1	65	
7	41° 15'	128° 15'	SW	30.1	65	
8	41° 30'	128° 30'	SW	30.1	65	
9	41° 45'	128° 45'	SW	30.1	65	
10	42° 00'	129° 00'	SW	30.1	65	
11	42° 15'	129° 15'	SW	30.1	65	
12	42° 30'	129° 30'	SW	30.1	65	
13	42° 45'	129° 45'	SW	30.1	65	
14	43° 00'	130° 00'	SW	30.1	65	
15	43° 15'	130° 15'	SW	30.1	65	
16	43° 30'	130° 30'	SW	30.1	65	
17	43° 45'	130° 45'	SW	30.1	65	
18	44° 00'	131° 00'	SW	30.1	65	
19	44° 15'	131° 15'	SW	30.1	65	
20	44° 30'	131° 30'	SW	30.1	65	
21	44° 45'	131° 45'	SW	30.1	65	
22	45° 00'	132° 00'	SW	30.1	65	
23	45° 15'	132° 15'	SW	30.1	65	
24	45° 30'	132° 30'	SW	30.1	65	
25	45° 45'	132° 45'	SW	30.1	65	
26	46° 00'	133° 00'	SW	30.1	65	
27	46° 15'	133° 15'	SW	30.1	65	
28	46° 30'	133° 30'	SW	30.1	65	
29	46° 45'	133° 45'	SW	30.1	65	
30	47° 00'	134° 00'	SW	30.1	65	
31	47° 15'	134° 15'	SW	30.1	65	





SINO-TIBETAN DICTIONARY

Chinese	Pinyin	Tibetan	English
一	yī	ཅི	one
二	èr	གཉི	two
三	sān	གསུམ	three
四	sì	བཞི	four
五	wǔ	ལྔ	five
六	liù	དྲུག	six
七	qī	བདུན	seven
八	bā	བརྒྱུད	eight
九	jiǔ	དགུ	nine
十	shí	བཅུ	ten
十一	shí yī	ཅི་གཉི	eleven
十二	shí èr	གཉི་བཞི	twelve
十三	shí sān	གསུམ་ལྔ	thirteen
十四	shí sì	བཞི་དྲུག	fourteen
十五	shí wǔ	ལྔ་བདུན	fifteen
十六	shí liù	དྲུག་བརྒྱུད	sixteen
十七	shí qī	བདུན་བཅུ	seventeen
十八	shí bā	བཞི་དགུ	eighteen
十九	shí jiǔ	ལྔ་བཅུ	nineteen
二十	shí	བཅུ་གཉི	twenty
二十一	shí yī	ཅི་གཉི་གཉི	twenty-one
二十二	shí èr	གཉི་བཞི་གཉི	twenty-two
二十三	shí sān	གསུམ་ལྔ་གཉི	twenty-three
二十四	shí sì	བཞི་དྲུག་གཉི	twenty-four
二十五	shí wǔ	ལྔ་བདུན་གཉི	twenty-five
二十六	shí liù	དྲུག་བརྒྱུད་གཉི	twenty-six
二十七	shí qī	བདུན་བཅུ་གཉི	twenty-seven
二十八	shí bā	བཞི་དགུ་གཉི	twenty-eight
二十九	shí jiǔ	ལྔ་བཅུ་གཉི	twenty-nine
三十	shí	བཅུ་གཉི་གཉི	thirty
三十一	sān shí yī	གསུམ་ལྔ་གཉི་གཉི	thirty-one
三十二	sān shí èr	བཞི་དྲུག་གཉི་གཉི	thirty-two
三十三	sān shí sān	གསུམ་ལྔ་གཉི་གཉི	thirty-three
三十四	sān shí sì	བཞི་དྲུག་གཉི་གཉི	thirty-four
三十五	sān shí wǔ	ལྔ་བདུན་གཉི་གཉི	thirty-five
三十六	sān shí liù	དྲུག་བརྒྱུད་གཉི་གཉི	thirty-six
三十七	sān shí qī	བདུན་བཅུ་གཉི་གཉི	thirty-seven
三十八	sān shí bā	བཞི་དགུ་གཉི་གཉི	thirty-eight
三十九	sān shí jiǔ	ལྔ་བཅུ་གཉི་གཉི	thirty-nine
四十	sì shí	བཅུ་གཉི་གཉི	forty
四十一	sì shí yī	ཅི་གཉི་གཉི་གཉི	forty-one
四十二	sì shí èr	གཉི་བཞི་གཉི་གཉི	forty-two
四十三	sì shí sān	གསུམ་ལྔ་གཉི་གཉི	forty-three
四十四	sì shí sì	བཞི་དྲུག་གཉི་གཉི	forty-four
四十五	sì shí wǔ	ལྔ་བདུན་གཉི་གཉི	forty-five
四十六	sì shí liù	དྲུག་བརྒྱུད་གཉི་གཉི	forty-six
四十七	sì shí qī	བདུན་བཅུ་གཉི་གཉི	forty-seven
四十八	sì shí bā	བཞི་དགུ་གཉི་གཉི	forty-eight
四十九	sì shí jiǔ	ལྔ་བཅུ་གཉི་གཉི	forty-nine
五十	wǔ shí	བཅུ་གཉི་གཉི	fifty
五十一	wǔ shí yī	ཅི་གཉི་གཉི་གཉི	fifty-one
五十二	wǔ shí èr	གཉི་བཞི་གཉི་གཉི	fifty-two
五十三	wǔ shí sān	གསུམ་ལྔ་གཉི་གཉི	fifty-three
五十四	wǔ shí sì	བཞི་དྲུག་གཉི་གཉི	fifty-four
五十五	wǔ shí wǔ	ལྔ་བདུན་གཉི་གཉི	fifty-five
五十六	wǔ shí liù	དྲུག་བརྒྱུད་གཉི་གཉི	fifty-six
五十七	wǔ shí qī	བདུན་བཅུ་གཉི་གཉི	fifty-seven
五十八	wǔ shí bā	བཞི་དགུ་གཉི་གཉི	fifty-eight
五十九	wǔ shí jiǔ	ལྔ་བཅུ་གཉི་གཉི	fifty-nine
六十	liù shí	བཅུ་གཉི་གཉི	sixty
六十一	liù shí yī	ཅི་གཉི་གཉི་གཉི	sixty-one
六十二	liù shí èr	གཉི་བཞི་གཉི་གཉི	sixty-two
六十三	liù shí sān	གསུམ་ལྔ་གཉི་གཉི	sixty-three
六十四	liù shí sì	བཞི་དྲུག་གཉི་གཉི	sixty-four
六十五	liù shí wǔ	ལྔ་བདུན་གཉི་གཉི	sixty-five
六十六	liù shí liù	དྲུག་བརྒྱུད་གཉི་གཉི	sixty-six
六十七	liù shí qī	བདུན་བཅུ་གཉི་གཉི	sixty-seven
六十八	liù shí bā	བཞི་དགུ་གཉི་གཉི	sixty-eight
六十九	liù shí jiǔ	ལྔ་བཅུ་གཉི་གཉི	sixty-nine
七十	qī shí	བཅུ་གཉི་གཉི	seventy
七十一	qī shí yī	ཅི་གཉི་གཉི་གཉི	seventy-one
七十二	qī shí èr	གཉི་བཞི་གཉི་གཉི	seventy-two
七十三	qī shí sān	གསུམ་ལྔ་གཉི་གཉི	seventy-three
七十四	qī shí sì	བཞི་དྲུག་གཉི་གཉི	seventy-four
七十五	qī shí wǔ	ལྔ་བདུན་གཉི་གཉི	seventy-five
七十六	qī shí liù	དྲུག་བརྒྱུད་གཉི་གཉི	seventy-six
七十七	qī shí qī	བདུན་བཅུ་གཉི་གཉི	seventy-seven
七十八	qī shí bā	བཞི་དགུ་གཉི་གཉི	seventy-eight
七十九	qī shí jiǔ	ལྔ་བཅུ་གཉི་གཉི	seventy-nine
八十	bā shí	བཅུ་གཉི་གཉི	eighty
八十一	bā shí yī	ཅི་གཉི་གཉི་གཉི	eighty-one
八十二	bā shí èr	གཉི་བཞི་གཉི་གཉི	eighty-two
八十三	bā shí sān	གསུམ་ལྔ་གཉི་གཉི	eighty-three
八十四	bā shí sì	བཞི་དྲུག་གཉི་གཉི	eighty-four
八十五	bā shí wǔ	ལྔ་བདུན་གཉི་གཉི	eighty-five
八十六	bā shí liù	དྲུག་བརྒྱུད་གཉི་གཉི	eighty-six
八十七	bā shí qī	བདུན་བཅུ་གཉི་གཉི	eighty-seven
八十八	bā shí bā	བཞི་དགུ་གཉི་གཉི	eighty-eight
八十九	bā shí jiǔ	ལྔ་བཅུ་གཉི་གཉི	eighty-nine
九十	jiǔ shí	བཅུ་གཉི་གཉི	ninety
九十一	jiǔ shí yī	ཅི་གཉི་གཉི་གཉི	ninety-one
九十二	jiǔ shí èr	གཉི་བཞི་གཉི་གཉི	ninety-two
九十三	jiǔ shí sān	གསུམ་ལྔ་གཉི་གཉི	ninety-three
九十四	jiǔ shí sì	བཞི་དྲུག་གཉི་གཉི	ninety-four
九十五	jiǔ shí wǔ	ལྔ་བདུན་གཉི་གཉི	ninety-five
九十六	jiǔ shí liù	དྲུག་བརྒྱུད་གཉི་གཉི	ninety-six
九十七	jiǔ shí qī	བདུན་བཅུ་གཉི་གཉི	ninety-seven
九十八	jiǔ shí bā	བཞི་དགུ་གཉི་གཉི	ninety-eight
九十九	jiǔ shí jiǔ	ལྔ་བཅུ་གཉི་གཉི	ninety-nine
一百	yī bǎi	བཅུ་གཉི་གཉི	one hundred

Handwritten notes and corrections in the right margin, including the word 'TABLE' and other illegible characters.



Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7	Column 8
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AEROSPACE TECHNICAL INTELLIGENCE CENTER  
UNITED STATES AIR FORCE  
WRIGHT-PATTERSON AIR FORCE BASE  
OHIO

REPLY TO  
ATTN OF: AFGIN-4X2

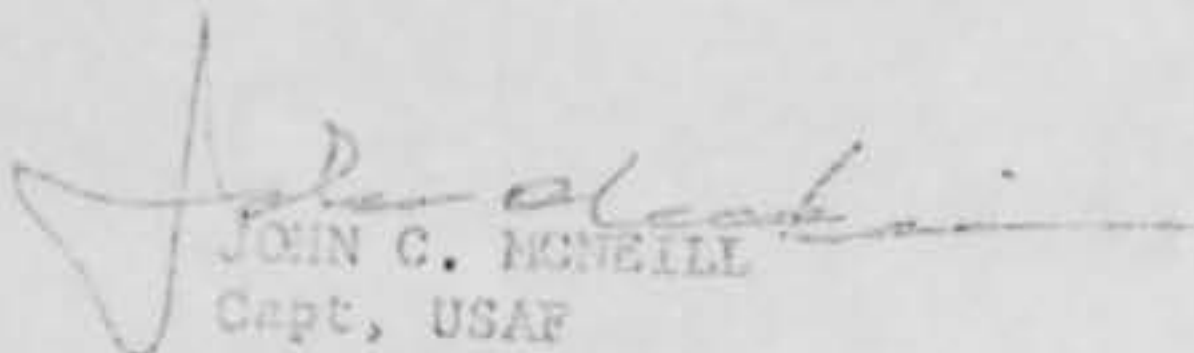
SUBJECT: Extract from Duty Officers' Report

25 Nov 60

TO: AFGIN-4E2, Maj Friend

The following, extracted from Capt Harrell's Report dated 23 Nov 60,  
is quoted for your information:

1720 hours, received a call from Sergeant Heath, 3079th, that  
Major Barrett (SAC) had called him since he had failed to  
contact Sergeant Bolicu. Major Barrett stated that it was  
not SAC 47s that dropped chaff around Selfridge.

  
JOHN C. MCNEILL  
Capt, USAF  
AFGIN-4X2

1 Atch  
ATIC Fm 164









SURFACE WEATHER OBSERVATIONS

GREENSBORO, PA 16901 (Elev. 1000) 11/28/60

STATION AND OBSERVING INSTRUMENTS

TIME	STATION AND OBSERVING INSTRUMENTS								WIND	TEMP	PRES	HUMID	VISIB	CLOUDS	REMARKS
	NO. 1	NO. 2	NO. 3	NO. 4	NO. 5	NO. 6	NO. 7	NO. 8							
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02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
05	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
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08	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
09	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
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19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
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23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
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27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

TIME	WIND	TEMP	PRES	HUMID	VISIB	CLOUDS	REMARKS
01	0	0	0	0	0	0	
02	0	0	0	0	0	0	
03	0	0	0	0	0	0	
04	0	0	0	0	0	0	
05	0	0	0	0	0	0	
06	0	0	0	0	0	0	
07	0	0	0	0	0	0	
08	0	0	0	0	0	0	
09	0	0	0	0	0	0	
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26	0	0	0	0	0	0	
27	0	0	0	0	0	0	
28	0	0	0	0	0	0	
29	0	0	0	0	0	0	
30	0	0	0	0	0	0	

TIME	WIND	TEMP	PRES	HUMID	VISIB	CLOUDS	REMARKS
01	0	0	0	0	0	0	
02	0	0	0	0	0	0	
03	0	0	0	0	0	0	
04	0	0	0	0	0	0	
05	0	0	0	0	0	0	
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07	0	0	0	0	0	0	
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29	0	0	0	0	0	0	
30	0	0	0	0	0	0	





STATION PITTSBURGH, PA.

NOV 22 1901

Time	Temp	Wind	Bar	Humid	Clouds	Remarks
5:00 AM	32	S	30.1	85	100	
6:00 AM	31	S	30.1	85	100	
7:00 AM	30	S	30.1	85	100	
8:00 AM	29	S	30.1	85	100	
9:00 AM	28	S	30.1	85	100	
10:00 AM	27	S	30.1	85	100	
11:00 AM	26	S	30.1	85	100	
12:00 PM	25	S	30.1	85	100	
1:00 PM	24	S	30.1	85	100	
2:00 PM	23	S	30.1	85	100	
3:00 PM	22	S	30.1	85	100	
4:00 PM	21	S	30.1	85	100	
5:00 PM	20	S	30.1	85	100	
6:00 PM	19	S	30.1	85	100	
7:00 PM	18	S	30.1	85	100	
8:00 PM	17	S	30.1	85	100	
9:00 PM	16	S	30.1	85	100	
10:00 PM	15	S	30.1	85	100	
11:00 PM	14	S	30.1	85	100	
12:00 AM	13	S	30.1	85	100	
1:00 AM	12	S	30.1	85	100	
2:00 AM	11	S	30.1	85	100	
3:00 AM	10	S	30.1	85	100	
4:00 AM	9	S	30.1	85	100	
5:00 AM	8	S	30.1	85	100	
6:00 AM	7	S	30.1	85	100	
7:00 AM	6	S	30.1	85	100	
8:00 AM	5	S	30.1	85	100	
9:00 AM	4	S	30.1	85	100	
10:00 AM	3	S	30.1	85	100	
11:00 AM	2	S	30.1	85	100	
12:00 PM	1	S	30.1	85	100	
1:00 PM	0	S	30.1	85	100	
2:00 PM	-1	S	30.1	85	100	
3:00 PM	-2	S	30.1	85	100	
4:00 PM	-3	S	30.1	85	100	
5:00 PM	-4	S	30.1	85	100	
6:00 PM	-5	S	30.1	85	100	
7:00 PM	-6	S	30.1	85	100	
8:00 PM	-7	S	30.1	85	100	
9:00 PM	-8	S	30.1	85	100	
10:00 PM	-9	S	30.1	85	100	
11:00 PM	-10	S	30.1	85	100	
12:00 AM	-11	S	30.1	85	100	

Time	Temp	Wind	Bar	Humid	Clouds	Remarks
1:00 AM	-12	S	30.1	85	100	
2:00 AM	-13	S	30.1	85	100	
3:00 AM	-14	S	30.1	85	100	
4:00 AM	-15	S	30.1	85	100	
5:00 AM	-16	S	30.1	85	100	
6:00 AM	-17	S	30.1	85	100	
7:00 AM	-18	S	30.1	85	100	
8:00 AM	-19	S	30.1	85	100	
9:00 AM	-20	S	30.1	85	100	
10:00 AM	-21	S	30.1	85	100	
11:00 AM	-22	S	30.1	85	100	
12:00 PM	-23	S	30.1	85	100	
1:00 PM	-24	S	30.1	85	100	
2:00 PM	-25	S	30.1	85	100	
3:00 PM	-26	S	30.1	85	100	
4:00 PM	-27	S	30.1	85	100	
5:00 PM	-28	S	30.1	85	100	
6:00 PM	-29	S	30.1	85	100	
7:00 PM	-30	S	30.1	85	100	
8:00 PM	-31	S	30.1	85	100	
9:00 PM	-32	S	30.1	85	100	
10:00 PM	-33	S	30.1	85	100	
11:00 PM	-34	S	30.1	85	100	
12:00 AM	-35	S	30.1	85	100	

Time	Temp	Wind	Bar	Humid	Clouds	Remarks
1:00 AM	-36	S	30.1	85	100	
2:00 AM	-37	S	30.1	85	100	
3:00 AM	-38	S	30.1	85	100	
4:00 AM	-39	S	30.1	85	100	
5:00 AM	-40	S	30.1	85	100	
6:00 AM	-41	S	30.1	85	100	
7:00 AM	-42	S	30.1	85	100	
8:00 AM	-43	S	30.1	85	100	
9:00 AM	-44	S	30.1	85	100	
10:00 AM	-45	S	30.1	85	100	
11:00 AM	-46	S	30.1	85	100	
12:00 PM	-47	S	30.1	85	100	
1:00 PM	-48	S	30.1	85	100	
2:00 PM	-49	S	30.1	85	100	
3:00 PM	-50	S	30.1	85	100	
4:00 PM	-51	S	30.1	85	100	
5:00 PM	-52	S	30.1	85	100	
6:00 PM	-53	S	30.1	85	100	
7:00 PM	-54	S	30.1	85	100	
8:00 PM	-55	S	30.1	85	100	
9:00 PM	-56	S	30.1	85	100	
10:00 PM	-57	S	30.1	85	100	
11:00 PM	-58	S	30.1	85	100	
12:00 AM	-59	S	30.1	85	100	
1:00 AM	-60	S	30.1	85	100	



Year	Month	Day	Event	Location	Notes
1776	Jan	1	...	...	...
1776	Jan	2	...	...	...
1776	Jan	3	...	...	...
1776	Jan	4	...	...	...
1776	Jan	5	...	...	...
1776	Jan	6	...	...	...
1776	Jan	7	...	...	...
1776	Jan	8	...	...	...
1776	Jan	9	...	...	...
1776	Jan	10	...	...	...
1776	Jan	11	...	...	...
1776	Jan	12	...	...	...
1776	Jan	13	...	...	...
1776	Jan	14	...	...	...
1776	Jan	15	...	...	...
1776	Jan	16	...	...	...
1776	Jan	17	...	...	...
1776	Jan	18	...	...	...
1776	Jan	19	...	...	...
1776	Jan	20	...	...	...
1776	Jan	21	...	...	...
1776	Jan	22	...	...	...
1776	Jan	23	...	...	...
1776	Jan	24	...	...	...
1776	Jan	25	...	...	...
1776	Jan	26	...	...	...
1776	Jan	27	...	...	...
1776	Jan	28	...	...	...
1776	Jan	29	...	...	...
1776	Jan	30	...	...	...
1776	Jan	31	...	...	...
1776	Feb	1	...	...	...
1776	Feb	2	...	...	...
1776	Feb	3	...	...	...
1776	Feb	4	...	...	...
1776	Feb	5	...	...	...
1776	Feb	6	...	...	...
1776	Feb	7	...	...	...
1776	Feb	8	...	...	...
1776	Feb	9	...	...	...
1776	Feb	10	...	...	...
1776	Feb	11	...	...	...
1776	Feb	12	...	...	...
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1776	Feb	19	...	...	...
1776	Feb	20	...	...	...
1776	Feb	21	...	...	...
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1776	Mar	1	...	...	...
1776	Mar	2	...	...	...
1776	Mar	3	...	...	...
1776	Mar	4	...	...	...
1776	Mar	5	...	...	...
1776	Mar	6	...	...	...
1776	Mar	7	...	...	...
1776	Mar	8	...	...	...
1776	Mar	9	...	...	...
1776	Mar	10	...	...	...
1776	Mar	11	...	...	...
1776	Mar	12	...	...	...
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1776	Mar	19	...	...	...
1776	Mar	20	...	...	...
1776	Mar	21	...	...	...
1776	Mar	22	...	...	...
1776	Mar	23	...	...	...
1776	Mar	24	...	...	...
1776	Mar	25	...	...	...
1776	Mar	26	...	...	...
1776	Mar	27	...	...	...
1776	Mar	28	...	...	...
1776	Mar	29	...	...	...
1776	Mar	30	...	...	...
1776	Mar	31	...	...	...

Year	Month	Day	Event	Location	Notes
1870	Jan	1	...	...	...
1870	Jan	2	...	...	...
1870	Jan	3	...	...	...
1870	Jan	4	...	...	...
1870	Jan	5	...	...	...
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1870	Jan	15	...	...	...
1870	Jan	16	...	...	...
1870	Jan	17	...	...	...
1870	Jan	18	...	...	...
1870	Jan	19	...	...	...
1870	Jan	20	...	...	...
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1870	Jan	22	...	...	...
1870	Jan	23	...	...	...
1870	Jan	24	...	...	...
1870	Jan	25	...	...	...
1870	Jan	26	...	...	...
1870	Jan	27	...	...	...
1870	Jan	28	...	...	...
1870	Jan	29	...	...	...
1870	Jan	30	...	...	...
1870	Jan	31	...	...	...
1870	Feb	1	...	...	...
1870	Feb	2	...	...	...
1870	Feb	3	...	...	...
1870	Feb	4	...	...	...
1870	Feb	5	...	...	...
1870	Feb	6	...	...	...
1870	Feb	7	...	...	...
1870	Feb	8	...	...	...
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1870	Feb	10	...	...	...
1870	Feb	11	...	...	...
1870	Feb	12	...	...	...
1870	Feb	13	...	...	...
1870	Feb	14	...	...	...
1870	Feb	15	...	...	...
1870	Feb	16	...	...	...
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1870	Feb	18	...	...	...
1870	Feb	19	...	...	...
1870	Feb	20	...	...	...
1870	Feb	21	...	...	...
1870	Feb	22	...	...	...
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1870	Feb	24	...	...	...
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1870	Mar	1	...	...	...
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1870	Mar	3	...	...	...
1870	Mar	4	...	...	...
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1870	Mar	29	...	...	...
1870	Mar	30	...	...	...
1870	Mar	31	...	...	...

17

TELEPHONED  
BY Cut. Shell  
NO. 7122  
TIME 24/11/53  
DATE 24 Nov 53  
BY 31

NNNCZGSDAS 7420JYD783

1953 NOV 24 02 01

PP RJEDSO

DE RJEZOG 47

R 23113Z ZEV

FM 331ALWCONC OTIS AFB MASS

TO RJJFAL/ADC HHT AFB COLO

RJEZOG/2SADIV S-GR HANCOCK FLD SYRACUSE NY

RJEZOG/2TIC WRIGHT PATTERSON AFB DAYTON OHIO

RJEZOG/2C USAF WFOIC WASH DC

RJEZOG/SECRETARY AF SATIS WASH DC

RJEZOG/2SADIV TOLSON FLD DISC

34

1-482 (470)  
3-4  
4-4





TABLE OF CONTENTS

Page	Chapter	Section
1	I	1
2	I	2
3	I	3
4	I	4
5	I	5
6	I	6
7	I	7
8	I	8
9	I	9
10	I	10
11	I	11
12	I	12
13	I	13
14	I	14
15	I	15
16	I	16
17	I	17
18	I	18
19	I	19
20	I	20
21	I	21
22	I	22
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26	I	26
27	I	27
28	I	28
29	I	29
30	I	30
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37	I	37
38	I	38
39	I	39
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42	I	42
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61	I	61
62	I	62
63	I	63
64	I	64
65	I	65
66	I	66
67	I	67
68	I	68
69	I	69
70	I	70
71	I	71
72	I	72
73	I	73
74	I	74
75	I	75
76	I	76
77	I	77
78	I	78
79	I	79
80	I	80
81	I	81
82	I	82
83	I	83
84	I	84
85	I	85
86	I	86
87	I	87
88	I	88
89	I	89
90	I	90
91	I	91
92	I	92
93	I	93
94	I	94
95	I	95
96	I	96
97	I	97
98	I	98
99	I	99
100	I	100

Page	Chapter	Section
101	I	101
102	I	102
103	I	103
104	I	104
105	I	105
106	I	106
107	I	107
108	I	108
109	I	109
110	I	110
111	I	111
112	I	112
113	I	113
114	I	114
115	I	115
116	I	116
117	I	117
118	I	118
119	I	119
120	I	120
121	I	121
122	I	122
123	I	123
124	I	124
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126	I	126
127	I	127
128	I	128
129	I	129
130	I	130
131	I	131
132	I	132
133	I	133
134	I	134
135	I	135
136	I	136
137	I	137
138	I	138
139	I	139
140	I	140
141	I	141
142	I	142
143	I	143
144	I	144
145	I	145
146	I	146
147	I	147
148	I	148
149	I	149
150	I	150

Page	Chapter	Section
151	I	151
152	I	152
153	I	153
154	I	154
155	I	155
156	I	156
157	I	157
158	I	158
159	I	159
160	I	160
161	I	161
162	I	162
163	I	163
164	I	164
165	I	165
166	I	166
167	I	167
168	I	168
169	I	169
170	I	170
171	I	171
172	I	172
173	I	173
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192	I	192
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194	I	194
195	I	195
196	I	196
197	I	197
198	I	198
199	I	199
200	I	200

Year	Month	Day	Event	Location	Notes
1901	Jan	1	...	...	...
1901	Jan	2	...	...	...
1901	Jan	3	...	...	...
1901	Jan	4	...	...	...
1901	Jan	5	...	...	...
1901	Jan	6	...	...	...
1901	Jan	7	...	...	...
1901	Jan	8	...	...	...
1901	Jan	9	...	...	...
1901	Jan	10	...	...	...
1901	Jan	11	...	...	...
1901	Jan	12	...	...	...
1901	Jan	13	...	...	...
1901	Jan	14	...	...	...
1901	Jan	15	...	...	...
1901	Jan	16	...	...	...
1901	Jan	17	...	...	...
1901	Jan	18	...	...	...
1901	Jan	19	...	...	...
1901	Jan	20	...	...	...
1901	Jan	21	...	...	...
1901	Jan	22	...	...	...
1901	Jan	23	...	...	...
1901	Jan	24	...	...	...
1901	Jan	25	...	...	...
1901	Jan	26	...	...	...
1901	Jan	27	...	...	...
1901	Jan	28	...	...	...
1901	Jan	29	...	...	...
1901	Jan	30	...	...	...
1901	Jan	31	...	...	...
1901	Feb	1	...	...	...
1901	Feb	2	...	...	...
1901	Feb	3	...	...	...
1901	Feb	4	...	...	...
1901	Feb	5	...	...	...
1901	Feb	6	...	...	...
1901	Feb	7	...	...	...
1901	Feb	8	...	...	...
1901	Feb	9	...	...	...
1901	Feb	10	...	...	...
1901	Feb	11	...	...	...
1901	Feb	12	...	...	...
1901	Feb	13	...	...	...
1901	Feb	14	...	...	...
1901	Feb	15	...	...	...
1901	Feb	16	...	...	...
1901	Feb	17	...	...	...
1901	Feb	18	...	...	...
1901	Feb	19	...	...	...
1901	Feb	20	...	...	...
1901	Feb	21	...	...	...
1901	Feb	22	...	...	...
1901	Feb	23	...	...	...
1901	Feb	24	...	...	...
1901	Feb	25	...	...	...
1901	Feb	26	...	...	...
1901	Feb	27	...	...	...
1901	Feb	28	...	...	...
1901	Feb	29	...	...	...
1901	Mar	1	...	...	...
1901	Mar	2	...	...	...
1901	Mar	3	...	...	...
1901	Mar	4	...	...	...
1901	Mar	5	...	...	...
1901	Mar	6	...	...	...
1901	Mar	7	...	...	...
1901	Mar	8	...	...	...
1901	Mar	9	...	...	...
1901	Mar	10	...	...	...
1901	Mar	11	...	...	...
1901	Mar	12	...	...	...
1901	Mar	13	...	...	...
1901	Mar	14	...	...	...
1901	Mar	15	...	...	...
1901	Mar	16	...	...	...
1901	Mar	17	...	...	...
1901	Mar	18	...	...	...
1901	Mar	19	...	...	...
1901	Mar	20	...	...	...
1901	Mar	21	...	...	...
1901	Mar	22	...	...	...
1901	Mar	23	...	...	...
1901	Mar	24	...	...	...
1901	Mar	25	...	...	...
1901	Mar	26	...	...	...
1901	Mar	27	...	...	...
1901	Mar	28	...	...	...
1901	Mar	29	...	...	...
1901	Mar	30	...	...	...
1901	Mar	31	...	...	...

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Year	Month	Day	Event	Location	Notes
1870	Jan	1	...	...	...
1870	Jan	2	...	...	...
1870	Jan	3	...	...	...
1870	Jan	4	...	...	...
1870	Jan	5	...	...	...
1870	Jan	6	...	...	...
1870	Jan	7	...	...	...
1870	Jan	8	...	...	...
1870	Jan	9	...	...	...
1870	Jan	10	...	...	...
1870	Jan	11	...	...	...
1870	Jan	12	...	...	...
1870	Jan	13	...	...	...
1870	Jan	14	...	...	...
1870	Jan	15	...	...	...
1870	Jan	16	...	...	...
1870	Jan	17	...	...	...
1870	Jan	18	...	...	...
1870	Jan	19	...	...	...
1870	Jan	20	...	...	...
1870	Jan	21	...	...	...
1870	Jan	22	...	...	...
1870	Jan	23	...	...	...
1870	Jan	24	...	...	...
1870	Jan	25	...	...	...
1870	Jan	26	...	...	...
1870	Jan	27	...	...	...
1870	Jan	28	...	...	...
1870	Jan	29	...	...	...
1870	Jan	30	...	...	...
1870	Jan	31	...	...	...
1870	Feb	1	...	...	...
1870	Feb	2	...	...	...
1870	Feb	3	...	...	...
1870	Feb	4	...	...	...
1870	Feb	5	...	...	...
1870	Feb	6	...	...	...
1870	Feb	7	...	...	...
1870	Feb	8	...	...	...
1870	Feb	9	...	...	...
1870	Feb	10	...	...	...
1870	Feb	11	...	...	...
1870	Feb	12	...	...	...
1870	Feb	13	...	...	...
1870	Feb	14	...	...	...
1870	Feb	15	...	...	...
1870	Feb	16	...	...	...
1870	Feb	17	...	...	...
1870	Feb	18	...	...	...
1870	Feb	19	...	...	...
1870	Feb	20	...	...	...
1870	Feb	21	...	...	...
1870	Feb	22	...	...	...
1870	Feb	23	...	...	...
1870	Feb	24	...	...	...
1870	Feb	25	...	...	...
1870	Feb	26	...	...	...
1870	Feb	27	...	...	...
1870	Feb	28	...	...	...
1870	Feb	29	...	...	...
1870	Feb	30	...	...	...
1870	Mar	1	...	...	...
1870	Mar	2	...	...	...
1870	Mar	3	...	...	...
1870	Mar	4	...	...	...
1870	Mar	5	...	...	...
1870	Mar	6	...	...	...
1870	Mar	7	...	...	...
1870	Mar	8	...	...	...
1870	Mar	9	...	...	...
1870	Mar	10	...	...	...
1870	Mar	11	...	...	...
1870	Mar	12	...	...	...
1870	Mar	13	...	...	...
1870	Mar	14	...	...	...
1870	Mar	15	...	...	...
1870	Mar	16	...	...	...
1870	Mar	17	...	...	...
1870	Mar	18	...	...	...
1870	Mar	19	...	...	...
1870	Mar	20	...	...	...
1870	Mar	21	...	...	...
1870	Mar	22	...	...	...
1870	Mar	23	...	...	...
1870	Mar	24	...	...	...
1870	Mar	25	...	...	...
1870	Mar	26	...	...	...
1870	Mar	27	...	...	...
1870	Mar	28	...	...	...
1870	Mar	29	...	...	...
1870	Mar	30	...	...	...
1870	Mar	31	...	...	...





No. 1000  
 Date: \_\_\_\_\_  
 Name: \_\_\_\_\_

No.	Name	Age	Sex	Religion	Profession	Marital Status	Education	Income	Assets	Liabilities	Remarks
1	John Doe	35	M	Catholic	Teacher	Married	High School	\$10,000	House	None	
2	Jane Smith	28	F	Protestant	Nurse	Single	College	\$8,000	Car	None	
3	Robert Johnson	45	M	Methodist	Engineer	Married	University	\$15,000	House, Car	None	
4	Mary White	60	F	Baptist	Retired	Widowed	High School	\$6,000	House	None	
5	David Brown	22	M	Evangelical	Student	Single	College	\$3,000	None	None	

Total: \_\_\_\_\_  
 Signature: \_\_\_\_\_  
 Date: \_\_\_\_\_

STATE OF CALIFORNIA

DEPARTMENT OF AGRICULTURE  
 DIVISION OF ENTOMOLOGY  
 REPORT OF THE ENTOMOLOGICAL SURVEY OF THE STATE OF CALIFORNIA  
 FOR THE YEAR 1917

No.	Name	Address	City	County	No. of specimens		Remarks
					Collected	Examined	
111	...	...	...	...	...	...	...
112	...	...	...	...	...	...	...
113	...	...	...	...	...	...	...
114	...	...	...	...	...	...	...
115	...	...	...	...	...	...	...
116	...	...	...	...	...	...	...
117	...	...	...	...	...	...	...
118	...	...	...	...	...	...	...
119	...	...	...	...	...	...	...
120	...	...	...	...	...	...	...
121	...	...	...	...	...	...	...
122	...	...	...	...	...	...	...
123	...	...	...	...	...	...	...
124	...	...	...	...	...	...	...
125	...	...	...	...	...	...	...
126	...	...	...	...	...	...	...
127	...	...	...	...	...	...	...
128	...	...	...	...	...	...	...
129	...	...	...	...	...	...	...
130	...	...	...	...	...	...	...
131	...	...	...	...	...	...	...
132	...	...	...	...	...	...	...
133	...	...	...	...	...	...	...
134	...	...	...	...	...	...	...
135	...	...	...	...	...	...	...
136	...	...	...	...	...	...	...
137	...	...	...	...	...	...	...
138	...	...	...	...	...	...	...
139	...	...	...	...	...	...	...
140	...	...	...	...	...	...	...
141	...	...	...	...	...	...	...
142	...	...	...	...	...	...	...
143	...	...	...	...	...	...	...
144	...	...	...	...	...	...	...
145	...	...	...	...	...	...	...
146	...	...	...	...	...	...	...
147	...	...	...	...	...	...	...
148	...	...	...	...	...	...	...
149	...	...	...	...	...	...	...
150	...	...	...	...	...	...	...

TOTAL NO. OF SPECIMENS COLLECTED ...

TOTAL NO. OF SPECIMENS EXAMINED ...

...



No. 100  
 Date: \_\_\_\_\_  
 To: \_\_\_\_\_  
 For: \_\_\_\_\_

No.	Description	Debit	Credit	Balance
1	Jan 1			
2	Jan 2			
3	Jan 3			
4	Jan 4			
5	Jan 5			
6	Jan 6			
7	Jan 7			
8	Jan 8			
9	Jan 9			
10	Jan 10			
11	Jan 11			
12	Jan 12			
13	Jan 13			
14	Jan 14			
15	Jan 15			
16	Jan 16			
17	Jan 17			
18	Jan 18			
19	Jan 19			
20	Jan 20			
21	Jan 21			
22	Jan 22			
23	Jan 23			
24	Jan 24			
25	Jan 25			
26	Jan 26			
27	Jan 27			
28	Jan 28			
29	Jan 29			
30	Jan 30			
31	Jan 31			
				Total

Total \_\_\_\_\_  
 Balance \_\_\_\_\_  
 Date: \_\_\_\_\_

RECEIVED OF \_\_\_\_\_  
 THE SUM OF \_\_\_\_\_  
 FOR \_\_\_\_\_  
 THIS \_\_\_\_\_ DAY OF \_\_\_\_\_ 19\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Date		Description		Amount	
1911	Jan 1	Balance		100.00	
1911	Jan 15	Received	...	50.00	
1911	Feb 1	Received	...	25.00	
1911	Mar 1	Received	...	75.00	
1911	Apr 1	Received	...	100.00	
1911	May 1	Received	...	150.00	
1911	Jun 1	Received	...	200.00	
1911	Jul 1	Received	...	250.00	
1911	Aug 1	Received	...	300.00	
1911	Sep 1	Received	...	350.00	
1911	Oct 1	Received	...	400.00	
1911	Nov 1	Received	...	450.00	
1911	Dec 1	Received	...	500.00	
1911	Dec 31	Balance		2000.00	

1911

...

UNCLAS FROM 551 OIN 615E.

ACTION ABC, 26TH ADIV (SAGE), ATIC, ASST CHIEF OF STAFF HQ USAF,  
AND CIS HQ USAF. UFO REPORT. PER PARA 15, AFR 211-2, UFO  
SIGHTING REPORTED AS FOLLOWS: A. OBJECT DESCRIPTION (1) BRIGHT  
LIGHT(S), WITH CONE OR TRIANGULAR TRAIL OF WAKE SEPARATED BY A  
SPACE. (2) SIZE ESTIMATED BETWEEN HEAD OF PENCIL AND BASKET-  
BALL FOR LIGHT, WITH TRAIL TEN TO FIFTEEN LONGER. (3) LIGHT  
WHITE, TRAIL BLuish WHITE (4) TWO SIMILAR OBJECTS (5) MAN-  
EUVERED OR MOVED IN ROUGHLY PARALLEL PATHS (6) NONE (7) SEE  
(1) ONE AND (2) TWO ABOVE (8) NO SOUND INVOLVED IN SIGHTING

PAGE TWO RUFZDG 47

(9) LIGHTS MOVED AT TREMENDOUS SPEEDS B. COURSE DESCRIPTION:  
(1) OBSERVED ALONG FLIGHT PATH OF OBSERVING AIRCRAFT (2) FIRST  
OBJECT SIGHTED AT 2 O'CLOCK HIGH, APPEARED TO BE APPROACHING ON  
NORTHWEST HEADING, MOVED UP AND NORTHWARD WITHIN AN ESTIMATED 20  
DEGREES OF ARC OF SKY, CONSTANTLY VISIBLE UNTIL DISAPPEARANCE.  
SECOND OBJECT APPEARED SHORTLY AFTER FIRST, MOVED IN ROUGHLY PARA-  
LLEL COURSE, OBSERVED INTERMITTENTLY, CLIMBED ACROSS PATH OF FIRST  
OBJECT TO HIGHER POSITION, BOTH DISAPPEARING TOGETHER. (3) DIS-  
APPEARED AT POINT BETWEEN ZERO AND FIVE DEGREES ABOVE FLIGHT LEVEL.  
(4) APPEARED ABOUT FIVE DEGREES APART (SEE (2) ABOVE). (5) VAN-  
ISHED (6) OBSERVED OVER PERIOD OF EIGHT MINUTES C. MANNER  
OBSERVATION: (1) AIR-VISUAL, NO CONTACT OR APS 42 OPERATING AT  
TIME (2) NO OPTICAL AIDS (3) OBSERVED FROM COCKPIT OF EC121  
AIRCRAFT NUMBER 523418 AT 15,000 FT, COMPASS HEADING 051 DEGREES,



WINDS ALOFT COMPUTATION SHEET

STATION:   
 DATE:   
 TIME:   
 NAME:   
 GRADE:   
 ALTITUDE:   
 REFERENCE:   
 WIND DIRECTION:   
 WIND VELOCITY:   
 TEMPERATURE:   
 HUMIDITY:   
 PRESSURE:   
 VISIBILITY:   
 CLOUDS:   
 STATE OF SKY:   
 MOON:   
 WEATHER:   
 OBSERVER:   
 CHECKER:   
 CORRECTIONS:   
 REMARKS:   
 WINDS ALOFT:   
 WIND DIRECTION:   
 WIND VELOCITY:   
 TEMPERATURE:   
 HUMIDITY:   
 PRESSURE:   
 VISIBILITY:   
 CLOUDS:   
 STATE OF SKY:   
 MOON:   
 WEATHER:   
 OBSERVER:   
 CHECKER:   
 CORRECTIONS:   
 REMARKS:

67

Altitude (ft)	Wind Dir (true)	Wind Vel (kts)	Temp (C)	Humidity (%)	Pressure (hPa)	Visibility (km)	CLOUDS	STATE OF SKY	MOON	WEATHER	OBSERVER	CHECKER	CORRECTIONS	REMARKS
1000	100	10	10	10	10	10								
2000	100	10	10	10	10	10								
3000	100	10	10	10	10	10								
4000	100	10	10	10	10	10								
5000	100	10	10	10	10	10								
6000	100	10	10	10	10	10								
7000	100	10	10	10	10	10								
8000	100	10	10	10	10	10								
9000	100	10	10	10	10	10								
10000	100	10	10	10	10	10								
11000	100	10	10	10	10	10								
12000	100	10	10	10	10	10								
13000	100	10	10	10	10	10								
14000	100	10	10	10	10	10								
15000	100	10	10	10	10	10								
16000	100	10	10	10	10	10								
17000	100	10	10	10	10	10								
18000	100	10	10	10	10	10								
19000	100	10	10	10	10	10								
20000	100	10	10	10	10	10								

Summary of data at the bottom of the page, including totals and specific observations.

RECEIVED BY THE  
TREASURER OF THE  
UNITED STATES OF AMERICA  
FOR THE DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
WASHINGTON, D. C.

DATE	DESCRIPTION	AMOUNT	REMARKS
1930	...	...	...
1931	...	...	...
1932	...	...	...
1933	...	...	...
1934	...	...	...
1935	...	...	...
1936	...	...	...
1937	...	...	...
1938	...	...	...
1939	...	...	...
1940	...	...	...
1941	...	...	...
1942	...	...	...
1943	...	...	...
1944	...	...	...
1945	...	...	...
1946	...	...	...
1947	...	...	...
1948	...	...	...
1949	...	...	...
1950	...	...	...
1951	...	...	...
1952	...	...	...
1953	...	...	...
1954	...	...	...
1955	...	...	...
1956	...	...	...
1957	...	...	...
1958	...	...	...
1959	...	...	...
1960	...	...	...
1961	...	...	...
1962	...	...	...
1963	...	...	...
1964	...	...	...
1965	...	...	...
1966	...	...	...
1967	...	...	...
1968	...	...	...
1969	...	...	...
1970	...	...	...
1971	...	...	...
1972	...	...	...
1973	...	...	...
1974	...	...	...
1975	...	...	...
1976	...	...	...
1977	...	...	...
1978	...	...	...
1979	...	...	...
1980	...	...	...
1981	...	...	...
1982	...	...	...
1983	...	...	...
1984	...	...	...
1985	...	...	...
1986	...	...	...
1987	...	...	...
1988	...	...	...
1989	...	...	...
1990	...	...	...
1991	...	...	...
1992	...	...	...
1993	...	...	...
1994	...	...	...
1995	...	...	...
1996	...	...	...
1997	...	...	...
1998	...	...	...
1999	...	...	...
2000	...	...	...
2001	...	...	...
2002	...	...	...
2003	...	...	...
2004	...	...	...
2005	...	...	...
2006	...	...	...
2007	...	...	...
2008	...	...	...
2009	...	...	...
2010	...	...	...
2011	...	...	...
2012	...	...	...
2013	...	...	...
2014	...	...	...
2015	...	...	...
2016	...	...	...
2017	...	...	...
2018	...	...	...
2019	...	...	...
2020	...	...	...
2021	...	...	...
2022	...	...	...
2023	...	...	...
2024	...	...	...
2025	...	...	...
2026	...	...	...
2027	...	...	...
2028	...	...	...
2029	...	...	...
2030	...	...	...

TOTAL  
...

MINERAL RIGHTS

...

...

STATE OF NEW YORK

IN SENATE  
 JANUARY 18, 1883

NAME	RESIDENCE	EDUCATION	PROFESSION	AGE	DATE	REMARKS
10	170	170	170	170	170	170
11	170	170	170	170	170	170
12	170	170	170	170	170	170
13	170	170	170	170	170	170
14	170	170	170	170	170	170
15	170	170	170	170	170	170
16	170	170	170	170	170	170
17	170	170	170	170	170	170
18	170	170	170	170	170	170
19	170	170	170	170	170	170
20	170	170	170	170	170	170
21	170	170	170	170	170	170
22	170	170	170	170	170	170
23	170	170	170	170	170	170
24	170	170	170	170	170	170
25	170	170	170	170	170	170
26	170	170	170	170	170	170
27	170	170	170	170	170	170
28	170	170	170	170	170	170
29	170	170	170	170	170	170
30	170	170	170	170	170	170
31	170	170	170	170	170	170
32	170	170	170	170	170	170
33	170	170	170	170	170	170
34	170	170	170	170	170	170
35	170	170	170	170	170	170
36	170	170	170	170	170	170
37	170	170	170	170	170	170
38	170	170	170	170	170	170
39	170	170	170	170	170	170
40	170	170	170	170	170	170
41	170	170	170	170	170	170
42	170	170	170	170	170	170
43	170	170	170	170	170	170
44	170	170	170	170	170	170
45	170	170	170	170	170	170
46	170	170	170	170	170	170
47	170	170	170	170	170	170
48	170	170	170	170	170	170
49	170	170	170	170	170	170
50	170	170	170	170	170	170
51	170	170	170	170	170	170
52	170	170	170	170	170	170
53	170	170	170	170	170	170
54	170	170	170	170	170	170
55	170	170	170	170	170	170
56	170	170	170	170	170	170
57	170	170	170	170	170	170
58	170	170	170	170	170	170
59	170	170	170	170	170	170
60	170	170	170	170	170	170
61	170	170	170	170	170	170
62	170	170	170	170	170	170
63	170	170	170	170	170	170
64	170	170	170	170	170	170
65	170	170	170	170	170	170
66	170	170	170	170	170	170
67	170	170	170	170	170	170
68	170	170	170	170	170	170
69	170	170	170	170	170	170
70	170	170	170	170	170	170
71	170	170	170	170	170	170
72	170	170	170	170	170	170
73	170	170	170	170	170	170
74	170	170	170	170	170	170
75	170	170	170	170	170	170
76	170	170	170	170	170	170
77	170	170	170	170	170	170
78	170	170	170	170	170	170
79	170	170	170	170	170	170
80	170	170	170	170	170	170
81	170	170	170	170	170	170
82	170	170	170	170	170	170
83	170	170	170	170	170	170
84	170	170	170	170	170	170
85	170	170	170	170	170	170
86	170	170	170	170	170	170
87	170	170	170	170	170	170
88	170	170	170	170	170	170
89	170	170	170	170	170	170
90	170	170	170	170	170	170
91	170	170	170	170	170	170
92	170	170	170	170	170	170
93	170	170	170	170	170	170
94	170	170	170	170	170	170
95	170	170	170	170	170	170
96	170	170	170	170	170	170
97	170	170	170	170	170	170
98	170	170	170	170	170	170
99	170	170	170	170	170	170
100	170	170	170	170	170	170

STATE OF NEW YORK  
 SENATE  
 JANUARY 18, 1883

STATE OF NEW YORK  
 SENATE  
 JANUARY 18, 1883









WINDS A. O. F. (1917) HIGH SEAS

18/11  
1917

Time	Wind	Force	Direction	Sea	Temp	Bar
11	SE	2	150	1/2	57	30.0
12	SE	2	150	1/2	56	30.0
13	SE	2	150	1/2	56	30.0
14	SE	2	150	1/2	56	30.0
15	SE	2	150	1/2	56	30.0
16	SE	2	150	1/2	56	30.0
17	SE	2	150	1/2	56	30.0
18	SE	2	150	1/2	56	30.0
19	SE	2	150	1/2	56	30.0
20	SE	2	150	1/2	56	30.0
21	SE	2	150	1/2	56	30.0
22	SE	2	150	1/2	56	30.0
23	SE	2	150	1/2	56	30.0
24	SE	2	150	1/2	56	30.0
25	SE	2	150	1/2	56	30.0
26	SE	2	150	1/2	56	30.0
27	SE	2	150	1/2	56	30.0
28	SE	2	150	1/2	56	30.0
29	SE	2	150	1/2	56	30.0
30	SE	2	150	1/2	56	30.0

Time	Wind	Force	Direction	Sea	Temp	Bar
1	SE	2	150	1/2	56	30.0
2	SE	2	150	1/2	56	30.0
3	SE	2	150	1/2	56	30.0
4	SE	2	150	1/2	56	30.0
5	SE	2	150	1/2	56	30.0
6	SE	2	150	1/2	56	30.0
7	SE	2	150	1/2	56	30.0
8	SE	2	150	1/2	56	30.0
9	SE	2	150	1/2	56	30.0
10	SE	2	150	1/2	56	30.0
11	SE	2	150	1/2	56	30.0
12	SE	2	150	1/2	56	30.0
13	SE	2	150	1/2	56	30.0
14	SE	2	150	1/2	56	30.0
15	SE	2	150	1/2	56	30.0
16	SE	2	150	1/2	56	30.0
17	SE	2	150	1/2	56	30.0
18	SE	2	150	1/2	56	30.0
19	SE	2	150	1/2	56	30.0
20	SE	2	150	1/2	56	30.0
21	SE	2	150	1/2	56	30.0
22	SE	2	150	1/2	56	30.0
23	SE	2	150	1/2	56	30.0
24	SE	2	150	1/2	56	30.0
25	SE	2	150	1/2	56	30.0
26	SE	2	150	1/2	56	30.0
27	SE	2	150	1/2	56	30.0
28	SE	2	150	1/2	56	30.0
29	SE	2	150	1/2	56	30.0
30	SE	2	150	1/2	56	30.0

WINDS A. O. F. (1917) HIGH SEAS

18/11  
1917

Time	Wind	Force	Direction	Sea	Temp	Bar
1	SE	2	150	1/2	56	30.0
2	SE	2	150	1/2	56	30.0
3	SE	2	150	1/2	56	30.0
4	SE	2	150	1/2	56	30.0
5	SE	2	150	1/2	56	30.0
6	SE	2	150	1/2	56	30.0
7	SE	2	150	1/2	56	30.0
8	SE	2	150	1/2	56	30.0
9	SE	2	150	1/2	56	30.0
10	SE	2	150	1/2	56	30.0
11	SE	2	150	1/2	56	30.0
12	SE	2	150	1/2	56	30.0
13	SE	2	150	1/2	56	30.0
14	SE	2	150	1/2	56	30.0
15	SE	2	150	1/2	56	30.0
16	SE	2	150	1/2	56	30.0
17	SE	2	150	1/2	56	30.0
18	SE	2	150	1/2	56	30.0
19	SE	2	150	1/2	56	30.0
20	SE	2	150	1/2	56	30.0
21	SE	2	150	1/2	56	30.0
22	SE	2	150	1/2	56	30.0
23	SE	2	150	1/2	56	30.0
24	SE	2	150	1/2	56	30.0
25	SE	2	150	1/2	56	30.0
26	SE	2	150	1/2	56	30.0
27	SE	2	150	1/2	56	30.0
28	SE	2	150	1/2	56	30.0
29	SE	2	150	1/2	56	30.0
30	SE	2	150	1/2	56	30.0

Year	Month	Day	Time	Location	Remarks
1950	Jan	1	10:00	St. Paul	...
1950	Jan	2	10:00	St. Paul	...
1950	Jan	3	10:00	St. Paul	...
1950	Jan	4	10:00	St. Paul	...
1950	Jan	5	10:00	St. Paul	...
1950	Jan	6	10:00	St. Paul	...
1950	Jan	7	10:00	St. Paul	...
1950	Jan	8	10:00	St. Paul	...
1950	Jan	9	10:00	St. Paul	...
1950	Jan	10	10:00	St. Paul	...
1950	Jan	11	10:00	St. Paul	...
1950	Jan	12	10:00	St. Paul	...
1950	Jan	13	10:00	St. Paul	...
1950	Jan	14	10:00	St. Paul	...
1950	Jan	15	10:00	St. Paul	...
1950	Jan	16	10:00	St. Paul	...
1950	Jan	17	10:00	St. Paul	...
1950	Jan	18	10:00	St. Paul	...
1950	Jan	19	10:00	St. Paul	...
1950	Jan	20	10:00	St. Paul	...
1950	Jan	21	10:00	St. Paul	...
1950	Jan	22	10:00	St. Paul	...
1950	Jan	23	10:00	St. Paul	...
1950	Jan	24	10:00	St. Paul	...
1950	Jan	25	10:00	St. Paul	...
1950	Jan	26	10:00	St. Paul	...
1950	Jan	27	10:00	St. Paul	...
1950	Jan	28	10:00	St. Paul	...
1950	Jan	29	10:00	St. Paul	...
1950	Jan	30	10:00	St. Paul	...
1950	Jan	31	10:00	St. Paul	...

1. Name of the person  
 2. Address  
 3. City  
 4. State  
 5. Zip  
 6. Telephone  
 7. Date  
 8. Signature

No.	Name	Address	City	State	Zip	Telephone	Date	Signature
1	...	...	...	...	...	...	...	...
2	...	...	...	...	...	...	...	...
3	...	...	...	...	...	...	...	...
4	...	...	...	...	...	...	...	...
5	...	...	...	...	...	...	...	...
6	...	...	...	...	...	...	...	...
7	...	...	...	...	...	...	...	...
8	...	...	...	...	...	...	...	...
9	...	...	...	...	...	...	...	...
10	...	...	...	...	...	...	...	...
11	...	...	...	...	...	...	...	...
12	...	...	...	...	...	...	...	...
13	...	...	...	...	...	...	...	...
14	...	...	...	...	...	...	...	...
15	...	...	...	...	...	...	...	...
16	...	...	...	...	...	...	...	...
17	...	...	...	...	...	...	...	...
18	...	...	...	...	...	...	...	...
19	...	...	...	...	...	...	...	...
20	...	...	...	...	...	...	...	...
21	...	...	...	...	...	...	...	...
22	...	...	...	...	...	...	...	...
23	...	...	...	...	...	...	...	...
24	...	...	...	...	...	...	...	...
25	...	...	...	...	...	...	...	...
26	...	...	...	...	...	...	...	...
27	...	...	...	...	...	...	...	...
28	...	...	...	...	...	...	...	...
29	...	...	...	...	...	...	...	...
30	...	...	...	...	...	...	...	...
31	...	...	...	...	...	...	...	...
32	...	...	...	...	...	...	...	...
33	...	...	...	...	...	...	...	...
34	...	...	...	...	...	...	...	...
35	...	...	...	...	...	...	...	...
36	...	...	...	...	...	...	...	...
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41	...	...	...	...	...	...	...	...
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50	...	...	...	...	...	...	...	...
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73	...	...	...	...	...	...	...	...
74	...	...	...	...	...	...	...	...
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78	...	...	...	...	...	...	...	...
79	...	...	...	...	...	...	...	...
80	...	...	...	...	...	...	...	...
81	...	...	...	...	...	...	...	...
82	...	...	...	...	...	...	...	...
83	...	...	...	...	...	...	...	...
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85	...	...	...	...	...	...	...	...
86	...	...	...	...	...	...	...	...
87	...	...	...	...	...	...	...	...
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1. Name of the person  
 2. Address  
 3. City  
 4. State  
 5. Zip  
 6. Telephone  
 7. Date  
 8. Signature

D. TIME/DATE: (1) 231102Z (2) DARK WITH ENOUGH LIGHT TO SEE BUILDINGS ON GROUND, NO MOON. E. LOCATION: AIRCRAFT DIRECTLY OVER CHICAGO. HEIGHTS FOR RADIO 41 DEGREES 34 MINUTES NORTH, 27 DEGREES 34 MINUTES WEST. F. OBSERVERS: (1) CAPTAIN ROBERT L. ELDRON, 56TH AEW&CON SQ, AIRCRAFT COMMANDER, RELIABLE, FIRST UFG,

PAGE THREE RJEZEG 47

2 YEARS ALASKA EXPERIENCE WITH AURORA. (2) SSGT KENNETH M. GAIN, 56TH AEW&CON SQ, FLIGHT ENGINEER, RELIABLE. G. WEATHER: (1) WIND AT ALTITUDE ESTIMATED 7 KNOTS FROM 280 DEGREES, FLIGHT ALTITUDE TEMPERATURE -5 DEGREES CENTIGRADE UNCORRECTED, LIGHT CLEAR AIR TURBULENCE BEING EXPERIENCED. (2) NOT AVAILABLE (3) & (4) CAVU (5) NO CLOUDS OBSERVED (6) NEGATIVE (7) NOT AVAILABLE

H. OTHER ACTIVITY: AIRCRAFT WAS IN UHF CONTACT WITH ANOTHER AIRCRAFT OVER WALNUT RIDGE, ARKANSAS, AT 34,000 FEET, IDENTIFIED AS PACER 91 WHO ALSO WAS OBSERVING THE LIGHTS ABOVE HIM.

I. NOT APPLICABLE, SIGHTING WAS REPORTED BY OBSERVING AIRCRAFT TO CHICAGO CENTER RADIO WITH SHOW A POSITION REPORT WAS BEING MADE. GROUND RADIO PERSONNEL REMARKED ALSO SIGHTING LIGHT FROM THEIR GROUND POSITION. K. PREPARING OFFICER: CAPTAIN KEITH H. LOREHOUSE, WING INTELLIGENCE OFFICER, 951ST AEW&CON WING.

REMARKS: NO KNOWN ASSOCIATED SIGHTING IN LOCAL AREA NEW ENGLAND.

L. NO PHYSICAL EVIDENCE OR PHOTOS.

2722 7 NOV RJEZEG



1917  
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187	187	187	187	187	187
188	188	188	188	188	188
189	189	189	189	189	189
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Faint, mostly illegible text at the top of the page, possibly representing a header or routing information.

(2)

NNNN

V

RA156

1630 NOV 23 22 49

UCZCSQBS35ZCAHA175

PP RJEDSO

DE RJEDAH 34

P 231845Z ZEX

FM CADS TRUAX FLD WIS

TO RJWFAL/ADC ENT AFB COLO

RJEDSO/ATIC WPAFB OHIO

RJEZHQ/HQ USAF WASHDC

RJEZHQ/SAFS WASHDC

BT

UNCLAS/CHOIN 11-3. FOR INTELLIGENCE. SAFS ATTN INFO SVCS. IMMEDIATE

(Circular stamp or handwritten mark)

1 4E2 (4P0)  
2  
3  
4 YWA