PROJECT 10073 RECORD CARD

1. DATE 10 Oct 52	2. LOCATION PRESQUE ISLE AFB MAINE	12. CONCLUSIONS ☐ Was Balloon XX Probably Balloon ☐ Possibly Balloon ☐ Was Aircraft ☐ Probably Aircraft ☐ Possibly Aircraft X Was Astronomical (S/P) ☐ Probably Astronomical ☐ Possibly Astronomical ☐ Other ☐ Insufficient Data for Conclusion ☐ Unknown
3. DATE-TIME GROUP Local 10/2200 EST GMT 11/0300 Z	4. TYPE OF OBSERVATION XX Ground-Visual ☐ Ground-Radar ☐ Air-Visual ☐ Air-Intercept Radar	
5. METEORS ☐ Yes XXX.	6. SOURCE XX observers	
7. DURATION OF OBSERVATION 4 hours	8. NUMBER OF OBJECTS 1	9. COURSE

10. BRIEF SUMMARY OF OBSERVATION

Circular orange with 4 green lights observed by xx observers at Presque Isle AFB. Observers made observation by theodolite.

11. COMMENTS

1. Possibility of "Moby Dick" upper atmosphere balloons caused the sighting.

2. Sighted immediately after launch time.

3. Decided that object was a planet on information from Ohio State Univ.

4. Was Jupiter

ATIC FORM 329 (REV 26 SEP 52)

11/7/52

XXXXXXX

In reply refer to
ATIAA-5

SUBJECT: FLYOBRPT of 10 October 1952

TO: Commanding Officer
4711th Air Defense Wing
ATTN: Director of Intelligence
Presque Isle Air Force Base
Presque Isle, Maine

1. Reference is made to your message Int 832J reporting circular orange object with four green lights nearby.

2. It is requested that the inclosed questionnaires be completed, one by each observer at Presque Isle AFB and Limestone AFB, and returned to this Center in the inclosed, self-addressed envelope as soon as possible.

3. Your organization and the observers are commended for the excellent forethought in obtaining theodolite measurements. This is the first time such triangulation has been effected.

2 Incls
a/s

ROUTING

JOINT MESSAGEFORM

COMMUNICATIONS CENTER NO.

SPACE ABOVE FOR COMMUNICATIONS CENTER ONLY

FROM: (Originator)

CG ARDC

TO:

FIELD REPRESENTATIVE
OFFICE OF NAVAL RESEARCH
PHYSICS BUILDING
UNIVERSITY OF MINNESOTA
MINNEAPOLIS, MINNESOTA

INFO:

DATE-TIME GROUP	SECURITY CLASSIFICATION
PRECEDENCE: ACTION / FOR: OV 52	UNC / INFORMATION
ROUTINE ☐ BOOK MESSAGE	☐ ORIGINAL MESSAGE
☐ MULTIPLE ADDRESS	CRYPTOPRECAUTION ☐ YES ☐ NO
REFERS TO MESSAGE: X	
IDENTIFICATION	CLASSIFICATION

FROM: ARDC-ATIAA-11-5-E

Unidentified flying object was sighted and tracked by theodolite in vicinity of Presque Isle Air Force Base and Limestone Air Force Base, Maine, at 0300Z 11 Oct 52. Request you query your contractors to determine if one of their upper air research balloons was in that area at that time.

In reply cite Project Bluebook.

ATIAA-5

COORDINATION:

ATIAA _____

ATIA _____

ATI _____

[redacted]

SECURITY CLASSIFICATION UNCLASSIFIED	PAGE 1 OF 1 PAGES
DRAFTER'S NAME (and signature, when required) Lt A. G. Fluss/jcs	RELEASING OFFICER'S SIGNATURE
SYMBOL ATIAA-5 / TELEPHONE 65365	OFFICIAL TITLE ROBERT E. KENNEDY, MAJOR, USAF AIR ADJUTANT GENERAL

DD FORM 1 MAY 49 173 REPLACES WD AGO FORM 11-158, 15 JUN 1945, AND WD AGO FORM 0990, 1 APR 1946, WHICH MAY BE USED.

16—58023-2 ☆ U. S. GOVERNMENT PRINTING OFFICE : 1950—O-875946

ROUTING

JOINT MESSAGEFORM

COMMUNICATIONS CENTER NO.

UNCLASSIFIED

SPACE ABOVE FOR COMMUNICATIONS CENTER ONLY

FROM: (Originator)

CG ATIC

TO: CINC WEATHER CENTRAL, FWT AFB, COLORADO

INFO:

DATE-TIME GROUP: 101/302 NOV 52

CLASSIFICATION: [redacted]

PRECEDENCE FOR: ACTION: ROUTINE | INFORMATION

☐ BOOK MESSAGE ☒ ORIGINAL MESSAGE

☐ MULTIPLE ADDRESS CRYPTOPRECAUTION ☐ YES ☒ NO

REFERS TO MESSAGE:

IDENTIFICATION | CLASSIFICATION

FROM: APOIN-ATIAA-11-4-E

ATIAA-5

Unidentified flying object was sighted and tracked by theodolite in vicinity of Presque Isle Air Force Base and Limestone Air Force Base, Maine, at 0300 11 Oct 52. Request you screen flight tracks of any possible Air Force upper air research balloons which could have been in that area at that time. Have already queried Office of Naval Research at University of Minnesota.

In reply site Project Bluebook.

COORDINATION:

ATIAA _____

ATIA _____

ATI _____

DOWNGRADED AT 3 YEAR INTERVALS;
DECLASSIFIED AFTER 12 YEARS.
DOD DIR 5200.10

[redacted]

UNCLASSIFIED

[redacted] PAGE 1 OF 1 PAGES

DRAFTER'S NAME (and signature, when required)
Lt A. C. Fluss/jos

RELEASING OFFICER'S SIGNATURE

SYMBOL: ATIAA-5

TELEPHONE: 65365

OFFICIAL TITLE: ROBERT L. RUSSELL, BRIG GEN, USAF
AIR ADJUTANT GENERAL

DD FORM 1 OCT 49 173 REPLACES NME FORM 173, 1 MAY 49 WHICH MAY BE USED.

16—58033-3 ☆ U. S. GOVERNMENT PRINTING OFFICE

UNCLASSIFIED

1. Atic
2. Atic
3 C. files
4. Atic

7 Nov 52 13 48

RF090

WPA147

TYA121

CBD083

JEPSN 46

RR JEDWP

DE JEPSN 57

R 071340Z ZNJ

FM CO 4711TH DEF WG PRESQUE ISLE AFB ME

TO CG ATIC WRIGHT PATTERSON AFB OHIO

[redacted] DO-INT 916K. THIS PROJECT BLUEBOOK. REURMSG AFOIN-ATIAA-11-1-E DTD 4 NOV 52. A NEW INTELLIGENCE OFF HAS BEEN ASGD THIS WG SINCE 10 OCT 52 AND THE ONLY RECORDS AVAILABLE ON THE INCIDENT CITED IN MSG REFERRED TO ABOVE IS OUR MSG DO-INT 832J CMA 13 OCT 52 CMA WHICH WAS FWDD YOUR HQ. A REPORT ON AN INCIDENT WHICH OCCURRED ON 4 AND 5 NOV 52 IS BEING FWDD TO YOUR ORGN THIS DATE. THIS INCIDENT RPTD IS VERY SIMILAR TO THE ONE IN WHICH YOU QUERIED THIS HQ. END

CCC LINE 4 LAST GRH SHUD READ CMA RPT CMA

07/1343Z NOV JEPSN

ACTION | INFOR. | A.C.O.I. INFOR.

ATIC

NOV 7 AM 10:06

UNCLASSIFIED

10 October 1952

Presque Isle Theodolite
Sightings

Upper air research balloon released from Minneapolis, Minnesota, on 9 October 1952, was lost 25 miles west of Toronto but was traveling in an easterly direction at 25 mph.

2230Z 9 Oct - 25 miles west of Toronto
0300Z 10 Oct - first sighted at Presque Isle
1930

If the balloon and the object are one in the same, it took the balloon 19.5 hrs to cover the 600 air miles from Toronto to Presque Isle. A check on this can be made since the wind speed at Toronto was 25 mph and taking the speed of the object at Presque Isle which was 27 mph, and multiplying 26 mph by 19.5 hrs:

19.5
26
1170
390
507.0 or the distance covered of 507 miles.

The discrepancy of the 93 miles necessary to put the balloon in the immediate vicinity of Presque Isle and Limestone could be due to altitude fluctuations in the balloon's flight. It is quite possible that the average speed was over 26 mph, as the balloon alternately gained and lost altitude and entered different air streams of higher speeds. At 31 mph, for example, the distance covered would be 604.5 miles.

1. Atia
2. Atipa
3. C. file

RE011

WPC019T

YDB024

TYA051

TDA069

CBB032

JEPSN 021

PP JEPHQ JEDWP JEDEN 333

DE JEPSN 44

P 131535Z ZNJ

FM CO 4711TH DEF WG PRESQUE ISLE AFB ME

TO JEPHQ/DIRECTOR OF INT HQ USAF WASHINGTON D C

JEDWP/AIR TECHNICAL INTELLINGENT CENTER WRIGHT-PATTERSON AFB OHIO

JEDEN/CG ENT AFB COLORADO SPRINGS COLORADO

JEDEN/CO 4602 AISS ENT AFB COLORADO

/[redacted]/DO-INT 832J PD /ATTN CLN ATIAA-2C AT WRIGHT - PATTERSON AFB/ FLYOBRPT PD A CIRCULAR ORANGE OBJECT EITH FOUR GREEN LIGHTS NEARBY WAS REPORTED TO HAVE BEEN SEEN 11/0300Z OXT 52 UNTIL 11/0700Z OCT 52 BY OBSERVERS AT WEATHER STATION CMA PIAFB THEODOLITE SIGHTINGS WERE MADE AT ONE MINUTE PERIODS FOR FIVE MINUTES PD AT 11/0550Z AS FOLLOWS CLN EL 59 DEGREES CMA AZ 156.2 CMA EL 59.2 AZ 156.5 CMA EL 59.2 AZ 157.0 CMA EL 59.2 AZ 157.7 CMA EL 59.3 AZ 158.1 PD AT LIMESTONE AFB CMA MAINE WEATHER STATION AT 11/0538Z OCT 52 REPORTED OBJECT AT IL 58 DEGREES AZ 169.5 PD WEATHER CLEAR CMA WINDS AT 9000 FT CMA DIRECTION 320 CMA VELOCITY 16 KNOTS PD INVESTIGATION CONTINUES PD END

13/1632Z OCT JEPSN

ATIC

MOBY Dic

#1

IV. BALLOON DATA

21. WERE BALLOONS RELEASED IN AREA? ☑ Yes ☐ No

22. TIME SINCE SCHEDULED BALLOON RELEASE: — Minutes

23. POSSIBLE BALLOON LAUNCH SITES DOWNWIND OF SIGHTING:

	Location	Type	Launching Agency	Lighted? Yes	Lighted? No	Describe Lighting
a.	Caribou, Maine	rawin radar	USDA Weath Bur.	✓		white
b.		pibal				
c.						
d.						

(attach overlay)

V. EVALUATION

21. EVALUATION OF SOURCE:

- ☑ Excellent
- ☐ Good
- ☐ Fair
- ☐ Poor
- ☐ Unreliable
- ☐ Extremely Doubtful
- ☐ Hoax

22. DETAILS OF REPORT:

- ☑ Good
- ☐ Fair
- ☐ Poor
- ☐ Insufficient to Evaluate

23. FINAL EVALUATION:

- ☐ Was Balloon
- ☑ Probably Balloon
- ☐ Possibly Balloon

- ☐ Was Aircraft
- ☐ Probably Aircraft
- ☐ Possibly Aircraft

- ☐ Was Astronomical
- ☐ Probably Astronomical
- ☐ Possibly Astronomical

- ☐ Other: _____

- ☐ Insufficient Data For Evaluation

- ☐ Unknown

24. COMMENTS:

Possibly a upper air rawin balloon

ATIC Test Form 334 (13 Aug 52)

PROJECT 10073 WEATHER DATA SHE

1. DATE OF OBSERVATION	2. TIME OF OBSERVATION	3. STATION OBSERVING

4. WINDS ALOFT:

ALTITUDE (feet)	VELOCITY (knots)	DIRECTION (degrees)	ALTITUDE (feet)	VELOCITY (knots)	DIRECTION (degrees)
0	~~[illegible]~~	~~[illegible]~~	25,000		
1,000			30,000		
2,000			35,000		
3,000			40,000		
4,000			45,000		
5,000			50,000		
6,000			55,000		
7,000			60,000		
8,000			65,000		
9,000	16	320	70,000		
10,000			75,000		
12,000			80,000		
14,000			85,000		
16,000			90,000		
18,000			95,000		
20,000			100,000		

5. WAS AN INVERSION LAYER NOTED? ☐ Yes ☐ No
(If yes, at what altitude? _____)

6. WERE ANY THUNDERSTORMS NOTED IN AREA? ☐ Yes ☐ No
(If yes, at what quadrant? _____)

7. CLOUD COVER:
____ tenths at _____ feet. _____ tenths at _____ feet.
____ tenths at _____ feet. _____ tenths at _____ feet.

8. VISIBILITY WAS
_____ MILES.

9. COMMENTS:

ATIC Test Form 333 (13 Aug 52)

[redacted]

UNCLASSIFIED

10 October 1952 Presque Isle AFB, Maine

Description of Incident

Observers at Presque Isle AFB observed a circular orange object with four green lights nearby. The object was observed from 2200 EST 10 Oct 52 until 0200 EST on 11 Oct 52, a period of five hours. The object or lights were observed by observers at the weather station of Presque Isle AFB, Maine. Theodolite readings were made from Presque Isle AFB and Limestone AFB, Maine.

The readings are as follows:

Presque Isle AFB

Time	Elevation	Azimuth
11/0550Z	59.0°	156.2
11/0551Z	59.2°	156.5
11/0552Z	59.2°	157.0
11/0553Z	59.2°	157.7
11/0554Z	59.3°	158.1

Limestone AFB

11/0538Z	58.0°	169.5

Discussion

Since the times of the reading are not coincident, one azimuth angle will have to be extrapulated to make the times coincident. The bearing at Presque Isle changed 1.9° in 5 minutes or 0.38°/min. Assuming the light or object was moving at a constant velocity and course, the azimuth angle can be moved back time-wise from 0550Z to 0538Z or 12 minutes, 12 x 0.38° = 4.56°, so at 0538Z the azimuth from Presque Isle would be 151.64°. Using this and azimuth of 169.5° from Limestone, the earth point directly under the object can be plotted. The

[redacted]

UNCLASSIFIED

distance (d) from Presque Isle is 36 statute miles.

The elevation from Presque Isle changed 0.3° in 5 minutes or 0.06°/min. In 12 minutes, the change would be 0.72°. Again assuming constant course and altitude the elevation at 0538Z would be 58.3°. The altitude would then be:

$h = d \tan 58.3°$

$= d \tan 1.619$

$= 36\ (1.619)$

$h = 58$ miles $= 306{,}240'$

This neglects the curvature of the earth. This correction is $d^2/2r$ where R is the radius of the earth in miles. This term can be neglected.

The angular velocity from Presque Isle was 1.90/5 min or 22.8°/hour or 0.3985 radius/hour.

$V = SW$

S = slant range

W = angular velocity in radius

V = velocity

$S = \frac{d}{\cos t} = \frac{36}{0.5255} = 68$ miles

$V = S\ (0.3985) = 68\ (0.3985)$

$V = 27.2$ mph

One possible solution is that the theodolite readings are not accurate. Since Presque Isle made five readings and all were consistant, it can safely be assumed that they are accurate, and, however, indicate the light was at a high angle of elevation south of the base. The readings from Limestone can also be considered accurate since the light they observed was in the same general area.

The speed of the object, 27 mph, indicates it could be a balloon, but no balloon flys at +300,000'. A 66 2/3% error would be needed in the theodolite readings to get down to 100,000', the maximum limit for balloons.

ROUTING

JOINT MESSAGEFORM

COMMUNICATIONS CENTER NO.

13

UNC

SPACE ABOVE FOR COMMUNICATIONS CENTER ONLY

FROM: (Originator)

CG ATIC

TO: CG [illegible] AIR [illegible] [illegible] AND MAINE

INFO:

DATE-TIME GROUP 051900Z DEC 52

SECURITY CLASSIFICATION [redacted]

PRECEDENCE FOR: ACTION ROUTINE INFORMATION

☐ BOOK MESSAGE ☐ ORIGINAL MESSAGE

☐ MULTIPLE ADDRESS CRYPTOPRECAUTION ☐ YES ☐ NO

REFERS TO MESSAGE:

IDENTIFICATION DO-INT 832J CLASSIFICATION UNCLASSIFIED

FROM: AFOIN-ATIAA FOR DIRECTOR OF INTELLIGENCE

With reference to your FLYOBRPT of 13 Oct 52 and your message DO-INT 832J dated 13 Oct 52, Lt A. G. Flues of the Air Technical Intelligence Center will arrive your station on 9 Dec 52 to investigate. Planned investigation will include an attempt to simulate this sighting using known astronomical bodies and will require cooperation of your office, theodolite operators at your base, intelligence office at Limestone AFB, theodolite operators at Limestone AFB, and the services of a navigator.

In reply cite Project Blue Book.

DOWNGRADED AT [illegible] YEAR
DECLASSIFIED [illegible]
DOD DIR [illegible]

COORDINATION:

ATIAA _____

ATIA _____

[redacted]

SECURITY INFORMATION UNCLASSIFIED

[redacted] PAGE 1 OF 1 PAGES

DRAFTER'S NAME (and signature, when required)
CAPT E.J. RUPPELT/vb

RELEASING OFFICER'S SIGNATURE
ROBERT E. KENNEDY, MAJOR, USAF

SYMBOL ATIA-5 TELEPHONE 5

OFFICIAL TITLE [illegible]

ATIAA-5 File

7-3719-20

DD FORM 1 OCT 49 173 REPLACES NME FORM 173, 1 MAY 49, WHICH MAY BE USED.

16—69923-3 ☆ U. S. GOVERNMENT PRINTING OFFICE

[redacted]

The speed and altitude eliminates the possibility of aircraft.

The elevation, 60°, eliminates the possibility of a mirage or any phenomena based on the reflection or refraction of light from an inversion layer.

One possibility is that the object was a star or planet. The azimuth angles from the two stations should have been more nearly the same if this is true, but a calibration error could cause the difference. The key is probably the angular velocity.

Conclusions

No conclusions can be made until the angular velocity can be checked against that of astronomical bodies.

[redacted]

One incident that particularly engaged the attention of the panel, and would probably have become a famous classic except that Air Force investigators had kept it a strict secret, was the sighting at Presque Isle Air Force Base in northern Maine. On October 10, 1952, at about 10 P.M. E.S.T., a group of weather observers had noticed a bright-orange object hovering low on the eastern horizon and had set up a theodolite to measure its altitude and bearing. As the glowing unknown slowly rose higher above the horizon and seemed to come closer, it appeared through the telescope of the theodolite as a circular disk accompanied by four flickering green lights, two on each side. Alarmed by this spectacular phenomenon, the observers called the Air Force Base at Limestone, some twenty miles north and east, to ask whether the object was visible there. It was. Setting up a theodolite, the Limestone observers measured the height and bearing, and both groups of observers sent the recorded data to ATIC.

Here was the kind of situation the investigators had been hoping for: simultaneous observations of a single object, made from two different stations a known distance apart. Calculations based on the

altitudes and bearings reported by the two stations yielded fantastic results. In a plot of the data (shown schematically in Figure 12a)

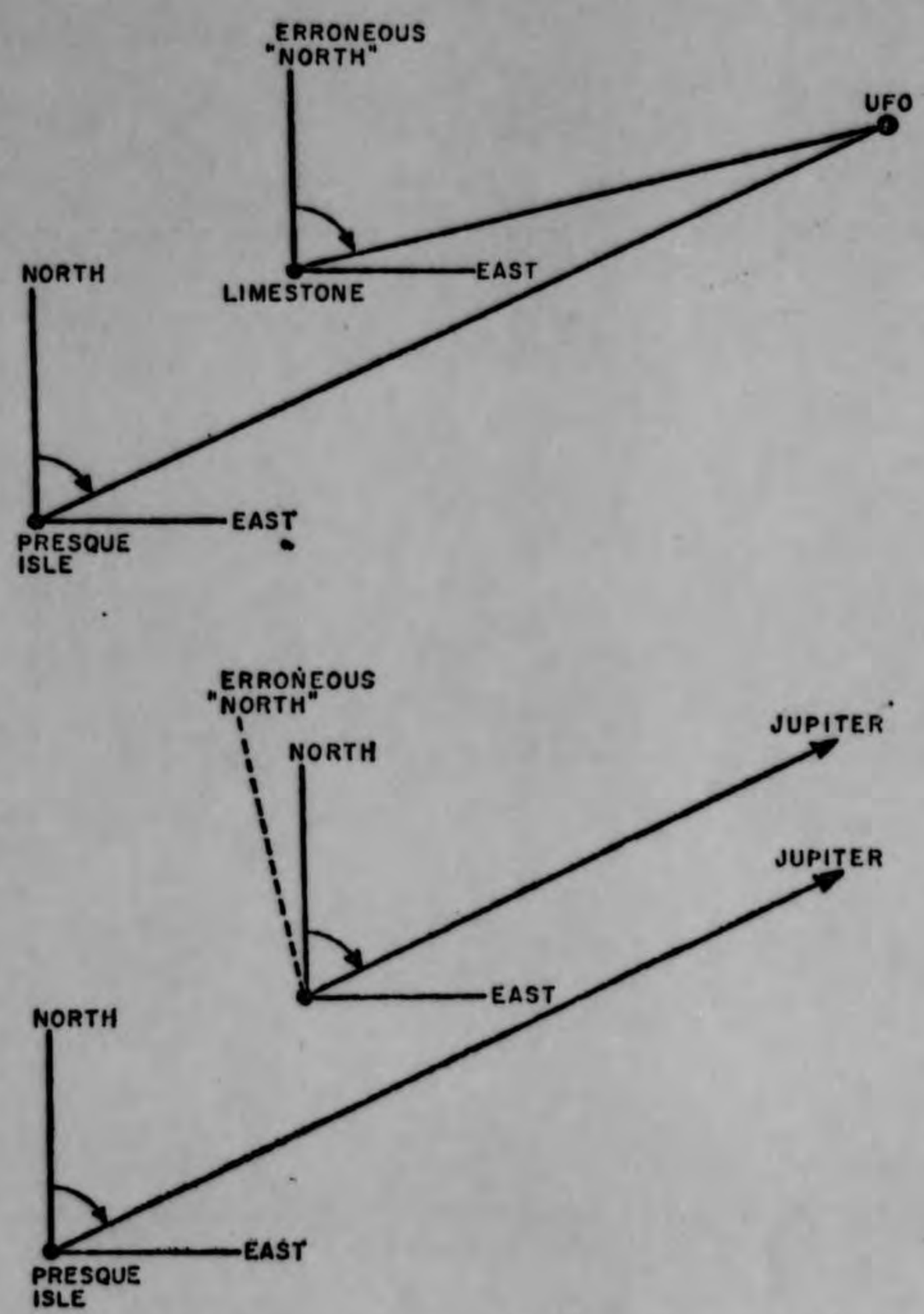

Figure 12. The Presque Isle sighting from two stations. Top, the erroneous determination of North at Limestone seems to indicate a nearby UFO. Bottom, corrected direction of North indicates Jupiter at infinity.

the prolonged lines intersected, indicating a group of unknowns hovering some 100 miles above the earth, more than 50 miles off the Maine coast, of tremendous size and moving at high speed. Concluding that the objects must have come from outer space, or were possibly a new type of orbiting vehicle of Russian origin, the Air Force had promptly clamped down the security lid. When ATIC's science consultant, Dr. J. Allen Hynek, looked at the data, he just as promptly disagreed with these ideas and clearly identified the unknown as the planet Jupiter, which had risen at 6:03 P.M. E.S.T. and at 10:00 the brightest object in the eastern sky. The believers in the extraterrestrial theory were then in the majority at ATIC, however. They had refused to accept the identification, and submitted the Presque Isle sighting to the panel as a prize example of UFO surveillance.

The panel members quickly disposed of the case. The measurements reported from Presque Isle obviously pointed directly to the planet Jupiter, not a mere 100 but millions of miles beyond the earth. If a constant correction was applied to the bearings from Limestone, they also agreed with Jupiter's position. Careless use of the theodolite had produced an error in the data. To measure the angle of an object above the horizon, the observer has only to make sure that the theodolite is level, but to measure the bearing he must align it with true north, a direction that cannot be determined by guesswork. The Limestone observers had made a mistake in determining true north and had thus obtained a wrong bearing for the unknown. When the corrected data were plotted (shown schematically in Figure 12b) the prolonged lines were parallel, and both pointed squarely to the planet Jupiter at infinity.

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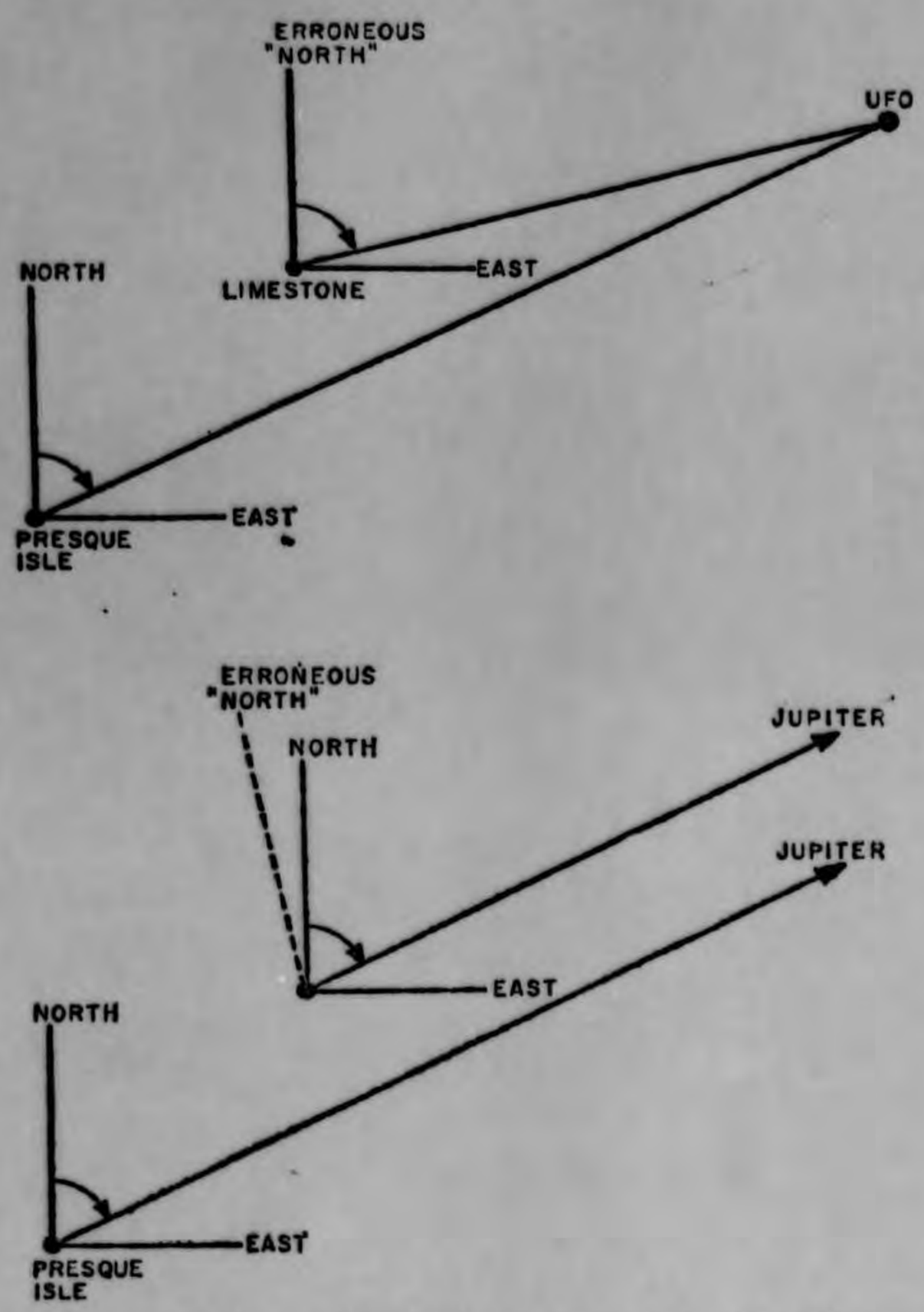

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The orange light was unquestionably Jupiter, and the accompanying green lights were its four bright satellites twinkling through the layers of the earth's atmosphere. Amazed that this uncomplicated case, already explained by Dr. Hynek, should have been offered as evidence for the extraterrestrial origin of UFOs, the panel extended its investigation to the original observers at Presque Isle. The witnesses there were bewildered by the inquiry; they had checked the object [illegible] it appeared again on the night of Octo[illegible] 11, they said, and had then identified it as the planet Jupiter, but they had not thought it necessary to notify the Air Force!

POSSIBLE ASTRONOMICAL ANALYSIS OF THE PRESQUE ISLE SIGHTING

[redacted] 21st

This sighting of an U.A.O. was submitted to Dr. A. J. Hynek of Ohio State University (head of the Astronomy dept.) for his analysis. Dr. Hynek has theorized that the object sighted was most probably a celestial body (i.e. planet). There were several factors which influenced this decision, the major one that the object was fixed at a ± 300,000 ft by the two observing theodolite stations at Presque Isle and Limestone, Me.

Dr. Hynek's opinion is as follows: The difference between this altitude as observed from the ground is very little in comparison with ~~a point~~ infinity. Therefore, a planet many thousands of light years away (at infinity as far as the theodolite observers are concerned), could very well have appeared to be at a fixed altitude of 300,000 ft.

Dr. Hynek is in the process of submitting a written report to ATIWH-5, ATIC to give more details to support this conclusion.

To support this approach is the amount of time the object was observed - 5 hrs from 2200 EST to 0300 EST; too long for an upper air research balloon, weather balloon or A/C. Furthermore, morning daylight may have obscured the object.

PROJECT 10073 WORKSHEET

I. GENERAL

1. DATE	2. LOCATION	3. TIME
10 Oct '52	Presque Isle AFB, Maine	Local: 2200 EST Zebra: 0300

4. WAS OBJECT OBSERVED FROM THE GROUND?	☑ Yes ☐ Naked Eye ☐ Binoculars ☐ Telescope ☑ Theodolite	☐ No
5. WAS OBJECT OBSERVED BY GROUND RADAR?	☐ Yes ☐ By One Set ☐ By Two Sets ☐ By Three Sets	☑ No
6. WAS OBJECT OBSERVED FROM THE AIR?	☐ Yes __ A/C Observed Object ☐ Interception Attempted ☐ No Intercept Attempted	☑ No
7. WERE AIRCRAFT SCRAMBLED TO INTERCEPT?	☐ Yes __ A/C Scrambled ☐ Visual Contact Made ☐ A/I Contact Made ☐ No Contact Made	☑ No
8. DID OBJECT CHANGE DIRECTION AT ANY TIME?	☐ Yes ☐ Normal ☐ Violent	☑ No
9. IF OBJECT WAS A "LIGHT", WAS IT:	☐ Blinking ☑ Steady	
10. LENGTH OF TIME IN SIGHT:	☐ 1-15 Seconds ☐ 1-5 Minutes ☑ Over 10 Minutes 4 hrs.	

11. REPORTING AGENCY (Unit Number and Mailing Address)

C.O. 4711th Maf Wing Presque Isle AFB, Maine

II. ASTRONOMICAL DATA

12. WHAT ASTRONOMICAL ACTIVITY WAS NOTED?

No

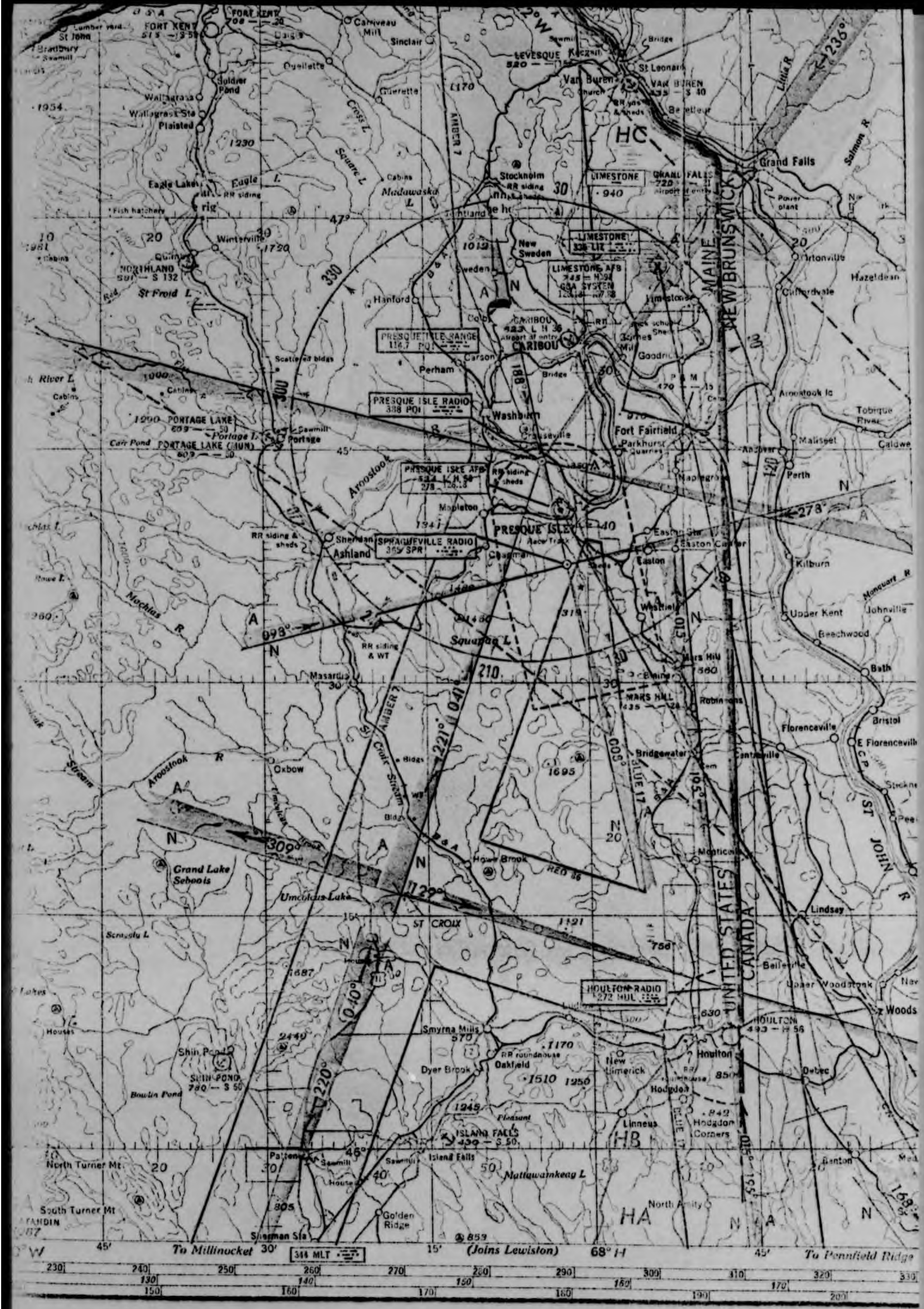
13. DID OBJECT APPEAR TO ARCH DOWNWARD?	☐ Yes	☑ No
14. DID OBJECT HAVE A TAIL?	☐ Yes	☑ No
15. DID OBJECT APPEAR TO DISINTEGRATE?	☐ Yes	☑ No
16. TIME OF SIGHTING RELATIVE TO SUNRISE OR SUNSET (Data From Air Almanac)	☑ Night ☐ Day ☐ Sunrise ☐ Sunset	

III. AIRCRAFT DATA

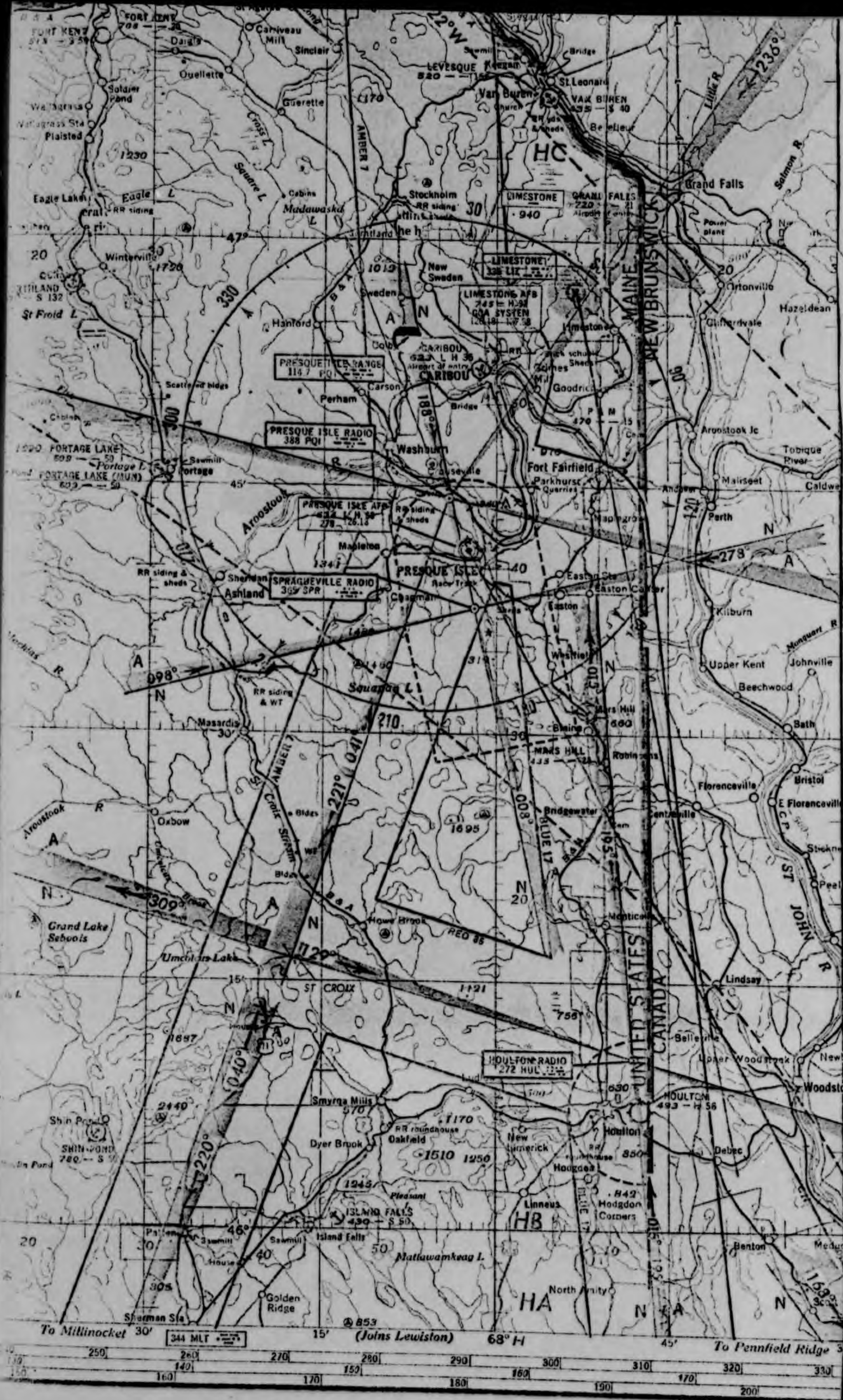
17. WERE AIRCRAFT NOTED IN AREA?	☐ Yes ☐ One Aircraft ☐ More Than One Aircraft	☑ No
18. WAS ANY SOUND HEARD?	☐ Yes	☑ No
19. WERE THERE INDICATIONS OF HIGH BACKGROUND NOISE?	☐ Yes	☑ No
20. WAS THE OBJECT VIEWED ABOVE 45° ELEVATION?	☑ Yes	☐ No


To Mont Joli
23°W
68° H
22°W
GD
HD
HC
GC
Rimouski River
West Br
Lac St Jean
Lac à la Loutre
Lac des Aigles
Touladi
Sqatteck
Rivière
L du Pain de Sucre
Lake Touladi
Lac Temiscouata
Ferry
Cabano
St Louis du Ha Ha
St Juste du Lac
Notre Dame du Lac
Notre Dame du Lac Sta
Lac Squatec
Ste Rose du Dégelé
St Eusèbe
TEMIS
Madawaska R
Lac Long
Lac Meruimticook
Boiswert
Les Etroits
Lac Baker
Lac Baker
C N
Baker Brook
Church
St Hilaire
Caron Brook
Church
Bridge
Clair
Settlement
St Francis
Fort Kent
Upper Frenchville
EDMUNDSTON
Frenchville
St Jacques
Mill
Edmundston
Bldgs
Madawaska
St David
Grand Isle
Rivière Verte
Quarry
Fleming Siding
Grand R
Green R
Quisibis Mt
1619
1596
1430
1746
1388
Cleveland
Lille
Sawmill
Ste Anne
Settlement
St Agatha
Carriveau Mill
Sinclair
Long
B & A
22°W
Connors
Lumber yard
St John
Bradbury Sawmill
St Francis
FORT KENT
Daigle
Ouellette
Soldier Pond
Wallagrass
Wallagrass Sta
Plaisted
Guerette
Cross L
Square L
Eagle Lake
Eagle L
RR siding
Fish hatchery
Winterville
Quoddy
NORTHLAND
St Froid L
Red
Mudawaska L
Cabins
Northland
Stockholm
RR siding
Sawmill
Bridge
St Leonard
Van Buren
VAN BUREN
Church
Bellefeur
Grand
LIMESTONE
940
GRAND FALLS
LIMESTONE
LIMESTONE AFB
New Sweden
Sweden
Hanford
Cole
CARIBOU
Limestone
Goodrich
Carson
Perham
Scattered bldgs
Fish River L
Cabins
PRESQUE ISLE RANGE
PRESQUE ISLE RADIO
AMBER ROUTE
Redgwick
South Branch
Northwest Branch
Goose L
First L
Gunamitz R
AMBER 7
AMBER 1
QUEBEC
NEW BRUNSWICK
MAINE
NEW BRUNSWICK
21°W
330
300
1954
1981
1230
1720
1012
1170
1500
1000

45'
30'
15' To Mont Joli
23°W
68°
H
45'
Rimouski Rivière
West Br.
HD
1500
20
30
40
50
10
20
48°
Lac à la Loutre
Lac des Aigles
Touladi
Squatteck
Rivière
L. du Pain de Sucre
South Branch
Goose L.
Northwest Branch
AMBER ROUTE
Kedgwick R
50
1981
1000
Patapedia R
1500
Lake Touladi
Lac Squatec
45'
QUEBEC
NEW BRUNSWICK
1500
40
Kedgwick R
St Juste du Lac
Notre Dame du Lac Sta
1000
First L.
Gounamitz R
Restigouche R
Ste Rose du Dégelé
TEMIS
1000
30'
30'
Madawaska R
Green R
Lac Meruimticook
St Jacques
1619
Quisibis Mt
Jardine Brook
Mill
Edmundston
Bldgs
1596
500
Lac Baker
1430
Lac Baker
C N
Madawaska
20
Baker Brook
Church
St Hilaire
St David
Rivière Verte
Caron Brook
EDMUNDSTON
Grand Isle
Quarry
Fleming Siding
Frenchville
Grand R
Church
Bridge
Clair
Fort Kent
1988
Upper Frenchville
Cleveland
Lille
Sawmill
Ste Anne
St Francis
15'
PR yards
St Agatha
Long L
Settlement
B & A
72°W
Siegas
B & A
FORT KENT
FORT KENT
515
Carriveau Mill
Daigle
Sinclair
Sawmill
Bridge
LEVESQUE
520
Keegan
St Leonard
Ouellette
Soldier Pond
Van Buren
VAN BUREN
Little R
236°
Wallagrass
Guerette
1170
Church
RR yds & sheds
Wallagrass Sta
Plaisted
Cross L
Bellefleur
HC
1230
Square L
AMBER 7
Salmon R
Cabins
Stockholm
RR siding
LIMESTONE
940
GRAND FALLS
220
Airport of entry
Grand Falls
Eagle Lake
Eagle L
RR siding
Madawaska L
30
Power plant
Fish hatchery
47°
Jemtland
20
Wintervill
1720
LIMESTONE
500'
20
Ortonville
NORTHLAND
581
S 132
B & A
1012
New Sweden
LIMESTONE AFB
GCA SYSTEM
MAINE
NEW BRUNSWICK
Hazeldean
330
St Froid L
Sweden
Hanford
A
N
Limestone
Cliffordvale
Colby
CARIBOU
Airport of entry
PRESQUE ISLE RANGE
114.7
CARIBOU
Stetson
Sheds
Goodrich
06
Scattered bldgs
Carson
Perham
188°
Bridge
P M
1000
Cabins
PRESQUE ISLE RADIO
388
300
Aroostook Jc
Tobique River
1290
PORTAGE LAKE
603
Sawmill
Portage L
Washburn
Fort Fairfield



VERY HIGH FREQUENCIES (VHF) PRINTED IN BLUE
BLUE TINT INDICATES AIR TRAFFIC CONTROLLED AREAS
For pilot information see reverse side



VERY HIGH FREQUENCIES (VHF) PRINTED IN BLUE
BLUE TINT INDICATES AIR TRAFFIC CONTROLLED AREAS
For pilot information see reverse side

UNCLASSIFIED

1. Atia
2. Atia
4. File
3. Atia

RE039

UPF029

CBD014

JEDEN017

NMNM JEDWP

DE JEDEN 139

NM 142100Z

FM CHIEF ADC FORECAST CENTER ENT AFB COLO SPGS COLO

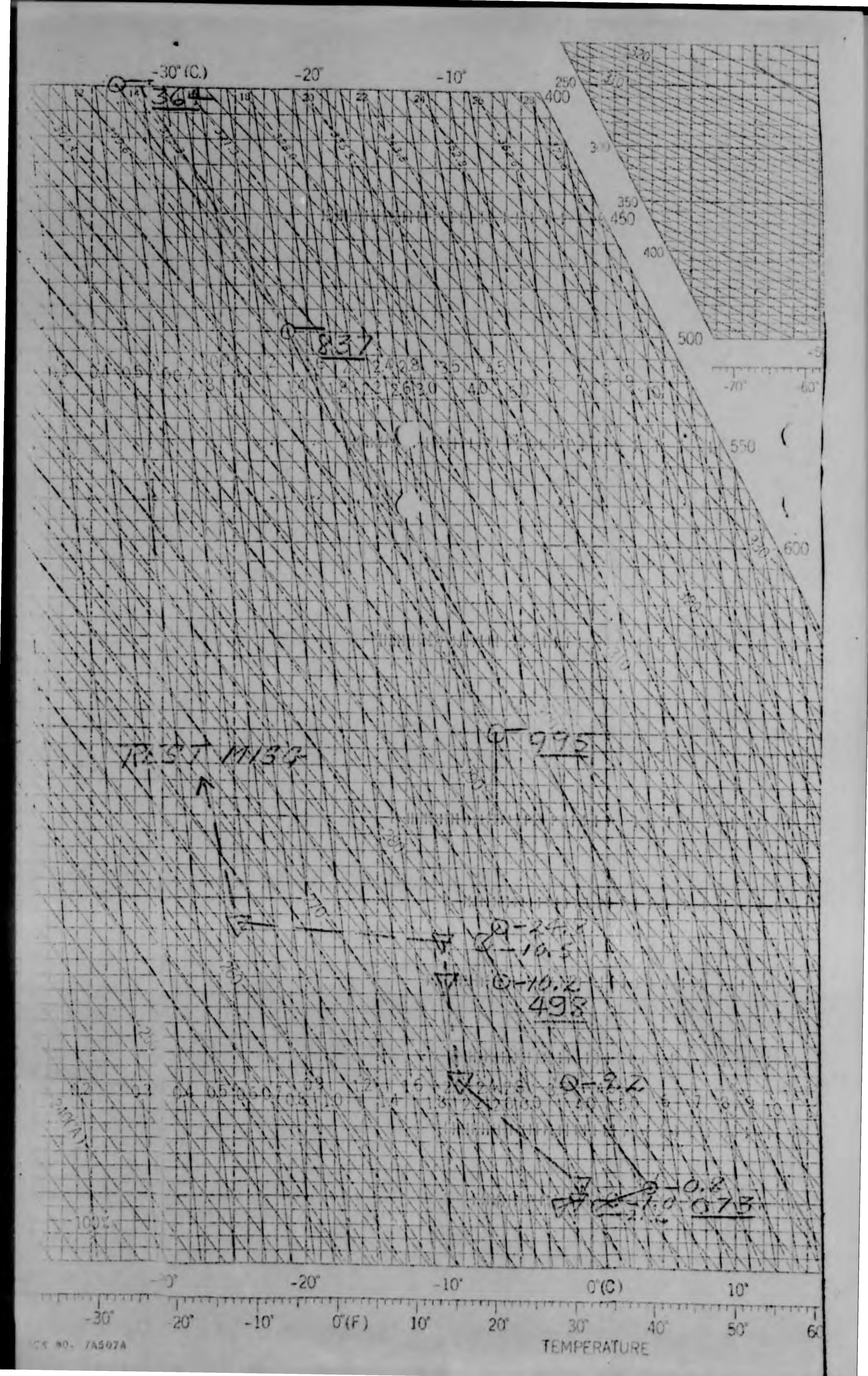
TO CG ATIC WRIGHT PATTERSON AFB OHIO

3D WG WX C 1907. RE AFOIN - ATIAA - 11-4-E/CITE PROJECT BLUEBOOK. NO AIR FORCE BALLOON IN AREA CITED.

14/2102Z NOV JEDEN

UNCLASSIFIED

U. S. STANDARD ATMOSPHERE ALTITUDE
(Km.)
(1000-Ft.)
mb.
-50°
-40°
-30° (C.)
-20°
-10°
0°(F)
10°
20°
CHART HL-1234A
1 JULY 1965 -- SIG C STOCK NO. 7A507A


-30° (C.)
-20°
-10°
0°(C)
10°
-30°
-20°
-10°
0°(F)
10°
20°
30°
40°
50°
TEMPERATURE
CS 80- 7A507A

Stangl, Capt J. W. Limestone
Cpt 145

1. Call Dr. Hynek. Is there any specific poop he wants?

2. Get questionnaires filed out by all people who observed object. I think questionnaires were sent but take a supply along.

3. Get poop on backgrounds - are the people experienced at reading theodolites.

4. Get story of circumstances, who saw what first, who called who, etc.

5. Description of what object did for the five hour period. (Should be in in questionnaire.)

6. What were the arrangement of lights and what were comparative size?

7. Has it been seen since or was it ever seen before?

8. Were there any radar pick-ups? No FDS 3 x 5

9. Did all people see the same thing?

10. Any opinions as to what it was.

11. Calibrating theodolites at Presque Isle and Limestone.

    a. Pick out a known celestial body in the general area of where the object was seen.

    b. Get the exact time by getting a time tick if necessary.

    c. Take ten theodolite readings at two minute intervals noting exact time, elevation and bearing. Be sure you find out which body you are shooting.

12. Find out if readings we got are true or magnetic. If they should be magnetic get variation for the area.

13. It would probably be a good idea to talk to each observer alone, especially as to the description of the object.

14. Leave a couple dozen questionnaires at both places. Also take a few radar questionnaires if they are finished.

Ouija board
Mitchell Field

Dr. Hynek says its Jupiter

[redacted]

ROUTING

JOINT MESSAGEFORM

COMMUNICATIONS CENTER NO.

UNCLASSIFIED

[redacted]

SPACE ABOVE FOR COMMUNICATIONS CENTER ONLY

FROM: (Originator)

CG ATIC

DATE-TIME GROUP	SECURITY CLASSIFICATION
1816002 NOV 52	

PRECEDENCE FOR: | ACTION | INFORMATION

☐ BOOK MESSAGE ☐ ORIGINAL MESSAGE

☐ MULTIPLE ADDRESS CRYPTOPRECAUTION ☐ YES ☐ NO

REFERS TO MESSAGE:

IDENTIFICATION	CLASSIFICATION

TO:

INFO:

The object was observed at Presque Isle for five hours from 2200 EST 10 Oct 52 until 0200 EST 11 Oct 52 and was described as a "circular, orange object with four green lights nearby". Our analysis of the readings was accomplished by extrapolating one azimuth angle from Presque Isle to make the times of reading coincide. By so doing the object seems to have been traveling at 27 mph and flying at an altitude of + 300,000, extremely high for even an upper air research balloon.

However, the fact that your balloon was on an easterly track at Toronto and was headed in the general direction of Maine, compared to the object's description and carry with the wind, gives us the impression that the unknown probably was your balloon. The altitude discrepancy may be a mistake in reading the theodolite although it would require a large margin of error.

Project Blue Book would appreciate knowing your further opinions or comments.

In reply cite Project Blue Book.

COORDINATION

ATIAA _____

ATIA _____

UNCLASSIFIED

DOWNGRADED AT 3 YEAR INTERVALS;
DECLASSIFIED AFTER 12 YEARS.
DOD DIR 5200.10

[redacted] PAGE 2 OF 2 PAGES

DRAFTER'S NAME (and signature, when required)

LT R.M. OLSSON/vm

RELEASING OFFICER'S SIGNATURE

SYMBOL ATIAA-5

TELEPHONE 65365

OFFICIAL TITLE ~~ACTING ADJUTANT GENERAL~~, USAF

DD FORM 1 MAY 49 173 REPLACES WD AGO FORM 11-168, 15 JUN 1945, AND WD AGO FORM 0990, 1 APR 1946, WHICH MAY BE USED.

16—55923-2 ☆ U. S. GOVERNMENT PRINTING OFFICE : 1950—O—875946

ROUTING

JOINT MESSAGEFORM

COMMUNICATIONS CENTER NO.

UNCLASSIFIED

[redacted]

SPACE ABOVE FOR COMMUNICATIONS CENTER ONLY

FROM: (Originator)

CG ATIC

TO: OFFICE OF NAVAL RESEARCH PHYSICS BLDG
UNIVERSITY OF MINN MINNEAPOLIS MINN

INFO:

DATE-TIME GROUP	SECURITY [redacted]
1516Z NOV 52	
PRECEDENCE FOR: ROUTINE	ACTION / INFORMATION
☐ BOOK MESSAGE	☒ ORIGINAL MESSAGE
☐ MULTIPLE ADDRESS	CRYPTOPRECAUTION ☐ YES ☒ NO
REFERS TO MESSAGE:	
IDENTIFICATION	CLASSIFICATION

FROM: AFOIN-ATIAA-11-7-S FOR FIELD REPRESENTATIVE

Theodolite data on the Presque Isle, Maine, sighting of 11 Oct 52 follows. Two stations were involved and obtained a fix on the unidentified object.

Presque Isle AFB, Maine

Time:	Elevation:	Azimuth:
11/0550Z	59.0°	156.2
11/0551Z	59.2°	156.5
11/0552Z	59.2°	157.0
11/0553Z	59.2°	157.7
11/0554Z	59.3°	158.1

Limestone AFB, Maine

11/0538Z	58.0°	169.5

ATIAA-5 File

DOWNGRADED AT 3 YEAR INTERVALS; DECLASSIFIED AFTER 12 YEARS. DOD DIR 5200.10

UNCLASSIFIED

[redacted]

SECURITY [redacted]

7. Atlas
4. C. files
3. Ati

INFOR

NOV 14 15:15

RB192 C

WPF198

TVD219

BT257

BEC B246 L

RR JEDWP

DE BECQA 7

R 141757Z

FM ONR FIELD REPRESENTATIVE UNIV OF MINN MPLS

TO WRIGHT PAT AFB DAYTON OHIO

NAVY GRNC

ATTN PROJECT BLUEBOOK X URMSG AFOIN-ATIAA-11-5-E X OBJECT BELIEVED TO BE LOST STRATOSPHERIC BALLOON LAUNCHED FROM HERE X OSCODA AFB ABANDONED TRACKING WITH LAST POSIT 25 MILES WEST OF TORONTO AT 2230Z 9 OCT X HEADING WAS EASTERLY AT 20 KNOTS ALTITUDE UNKNOWN X REQUEST RAW THEODOLITE DATA IF SIMULTANEOUS MULTIPLE READINGS WERE MADE OR ANY OTHER DETAILS TO HELP DETERMINE ALTITUDE AND COURSE OF BALLOON X ROSS SENDS

CFN AFOIN-ATIAA-11-5-E 25 2230Z 9 20

14/1757Z NOV BECQA

cy #1

ROUTING

JOINT MESSAGEFORM

COMMUNICATIONS CENTER NO.

UNCLASSIFIED

SPACE ABOVE FOR COMMUNICATIONS CENTER ONLY

FROM: (Originator)

CO ATIC

DATE-TIME GROUP	SECURITY CLASSIFICATION
0369152 NOV 52	[redacted]
PRECEDENCE FOR: ACTION	
ROUTINE	
☐ BOOK MESSAGE	☐ ORIGINAL MESSAGE
☐ MULTIPLE ADDRESS	CRYPTOPRECAUTION ☐ YES ☐ NO
REFERS TO MESSAGE:	
IDENTIFICATION	CLASSIFICATION

TO: CO 4711TH AIR DEF WING PRESQUE ISLE AFB
PRESQUE ISLE MAINE

INFO:

FROM: AFOIN-ATIAA-11-1-S

ATIAA-5

Reference your Flyobrpt 8325 dated 13 Oct 52 regarding sighting of unidentified aerial object, seen for four hours on 13 Oct 52 through a theodolite your base. We would appreciate an answer to the following questions: 1) Are you preparing an AF Form 112 for our additional information? 2) Was Limestone's sighting independent of you or did you notify them of object's presence? 3) Please re-state Limestone's time of sighting and length of sighting as well as any additional elevation and azimuth readings.

In reply cite Project Blue Book.

COORDINATION:

ATIAA _____

ATIA _____

ATI _____

SECURITY CLASSIFICATION	PAGE 1 OF 1 PAGES
UNCLASSIFIED	
DRAFTER'S NAME (and signature, when required)	RELEASING OFFICER'S SIGNATURE
Capt H. J. Huppelt/jos	ROBERT E. KENNEDY, Major, USAF Adjutant General
SYMBOL ATIAA-5 / TELEPHONE 65565	OFFICIAL TITLE

DD FORM 1 OCT 49 173 REPLACES NME FORM 173, 1 MAY 48, WHICH MAY BE USED.

16—58922-3 ☆ U. S. GOVERNMENT PRINTING OFFICE