THIS PAGE IS UNCLASSIFIED

THIS PAGE IS UNCLASSIFIED

THIS PAGE IS UNCLASSIFIED

1. DATE, TIME GROUP	2. LOCATION
3. SOURCE	10. CONCLUSION
4. NUMBER OF OBJECTS	
5. LENGTH OF OBSERVATION	11. BRIEF SUMMARY AND ANALYSIS
6. TYPE OF OBSERVATION	
7. COURSE	
8. PHOTOS ☐ Yes ☒ No	
9. PHYSICAL EVIDENCE ☐ Yes ☒ No	

FORM
FTD SEP 61 0-329 (TDE) Previous editions of this form may be used.

THIS PAGE IS UNCLASSIFIED

THIS PAGE IS UNCLASSIFIED

[redacted]

Port Austin, Michigan UNCLASSIFIED February 1953

I. Description of Incident

At 2204 EST an unidentified aerial object was sighted visually by members of an AC&W Squadron at Port Austin. The object was eight to ten miles northwest of their station at an estimated 100' above the horizon. It appeared to be larger and brighter than a star and other than changing color, there were no unusual features visible. The object was moving south at a low rate of speed and eventually faded out completely after becoming much less bright in intensity. This object was viewed visually from 2204 EST for five minutes until 2209 EST.

At 2206 EST, the observers tracked the object on a search radar set. Position of the object on the radar set was 300' moving in a 150° course at 55 knots. The object was observed at 2207 EST for 17 minutes until 2225 EST. No height finding equipment was available at point of observation, but the observers estimated the altitude at 1000' from the radar returns. Weather conditions at time of sighting were: visibility and ceiling - unlimited, with moderate winds from the west.

II. Discussion of Incident

The possibility of the reported object being a balloon was checked by the reporting officer. The nearest balloon launch station is at Waukegan, Michigan, which is 140 miles from Port Austin. A pibal type balloon was released from Waukegan at 0300Z. It is not likely that this balloon caused the sighting because the object in question was sighted at 0304Z.

Both the visual and electronic sightings were made by the same personnel, consisting of two officers and three airmen. All of these men have three or more years experience in radar. A radar scope camera was installed, but was not in operation at the time of sighting.

No known meteorological disturbances or activity existed at the time of sighting, or at any time that day.

After checking with surrounding bases and flight plan sources, it was found that there were no known aircraft in the general area.

The planet Venus is very low on the northwest horizon at this time of year and is easily seen. This fact might explain the visual sighting, but Venus will not show on a radar scope.

Further analysis of this sighting awaits adiabatic weather charts for the date and area of sighting. Until this information is received, this report is carried as unknown.

DOWNGRADED ... DECLASSIFIED ... DOD DIR 5200.10

III. Conclusion

Unknown.

Note - Weather charts giving temp + dew point v.s. alt., winds aloft, temperature inversions, etc. have been requested (may) and further analysis by Electronics specialists pending their return.

R.A.

[redacted]

THIS PAGE IS UNCLASSIFIED

THIS PAGE IS UNCLASSIFIED

THIS PAGE IS UNCLASSIFIED

A

THIS PAGE IS UNCLASSIFIED

ACTION

1953 JUN 30 09:19

2. Atta
3. Ate
4. C. files

This probably eliminates the answer of helicopters

cy

THIS PAGE IS UNCLASSIFIED

THIS PAGE IS UNCLASSIFIED

THIS PAGE IS UNCLASSIFIED

1. ATIC
2. ATI
3. C files

1 MAR 53 08 10z

R.T

17/22 EST
PORT AUSTIN, MICH
ATIC

[redacted]

UNCLASSIFIED

THIS PAGE IS UNCLASSIFIED

THIS PAGE IS UNCLASSIFIED

THIS PAGE IS UNCLASSIFIED

[redacted]

DOWNGR
DEC

CLASSIFIED

THIS PAGE IS UNCLASSIFIED

THIS PAGE IS UNCLASSIFIED

THIS PAGE IS UNCLASSIFIED

UNCLASSIFIED

THIS PAGE IS UNCLASSIFIED

THIS PAGE IS UNCLASSIFIED

18 MAR 53 02 48z

[redacted] UNCLASSIFIED

1. Atia
2. Ati
3. C. files

THIS PAGE IS UNCLASSIFIED

Max - references previous wire sent
sent by me

[redacted]

UNCLASSIFIED

Cy

THIS PAGE IS UNCLASSIFIED

THIS PAGE IS UNCLASSIFIED

ROUTING

JOINT MESSAGEFORM

COMMUNICATIONS CENTER NO.

UNCLASSIFIED

SPACE ABOVE FOR COMMUNICATIONS CENTER ONLY

FROM: (Originator)

OG ATIC

TO: OO 754TH ACSM SQ PORT AUSTIN MICH

DATE-TIME GROUP: 0515[illegible] MAR 53

SECURITY: [redacted]

PRECEDENCE FOR: ACTION ROUTINE INFORMATION

☐ BOOK MESSAGE ☐ ORIGINAL MESSAGE

☐ MULTIPLE ADDRESS CRYPTOPRECAUTION ☐ YES ☒ NO

REFERS TO MESSAGE

IDENTIFICATION: INT 0274

CLASSIFICATION: [redacted]

INFO:

FROM: AFOIN-ATIAE-3-3-E

The Air Technical Intelligence Center acknowledges receipt of your message concerning 17 Feb 53 visual-radar sighting of an unidentified aerial object. Request that you complete and forward AF Form 112 covering the incident as per AFL 200-5. Electronics Data Sheet is being sent to you under separate cover.

Suggest further check on local air traffic as ATIC feels this is a possible cause of sighting.

In reply cite Project Blue Book.

COORDINATION:

_____

_____

_____

UNCLASSIFIED

[redacted]

SECURITY: [redacted] PAGE 1 OF 1 PAGES

DRAFTER'S NAME (and signature, when required): LT R.M. OLSSON/vs

RELEASING OFFICER'S SIGNATURE:

SYMBOL: ATIAE-5 TELEPHONE: 65365

OFFICER'S TITLE: ROBERT G. BROWN, MAJOR, USAF AIR ADJUTANT GENERAL

DD FORM 1 OCT 41 173 REPLACES NME FORM 173, 1 MAY 48, WHICH MAY BE USED.

THIS PAGE IS UNCLASSIFIED

ATIAE-5 File

AF FORM 112—PART I
APPROVED 1 JUNE 1948

[redacted]

754th AC&W SQUADRON
ATTN: COMMANDING OFFICER
DATE: 28 [illegible] 53

UNCLASSIFIED

COUNTRY	REPORT NO.	INITIAL (BLANK)
U.S.A.	IR-12-53	WEM

AIR INTELLIGENCE INFORMATION REPORT

SUBJECT
FLYOBRPT, Report of Unidentified Flying Objects

AREA REPORTED ON	FROM (Agency)
Lake Huron and Northeast Michigan	754th AC&W Squadron, Port Austin, Michigan

DATE OF REPORT	DATE OF INFORMATION	EVALUATION
27 February 1953	17 February 1953	B-3

PREPARED BY (Officer)	SOURCE
Captain Wayne E Mason	Personnel of the 754th AC&W Squadron

REFERENCES (Control number, directive, previous report, etc., as applicable)
AFL 200-5, 29 April 1952

SUMMARY: (Enter concise summary of report. Give significance in final one-sentence paragraph. List inclosures at lower left. Begin text of report on AF Form 112—Part II.)

1. The following report is submitted on the observance of an unusual flying object by personnel of the 754th AC&W Squadron, Port Austin, Michigan. Personnel concerned report having observed this object by visual means at 2204 EST, 17 February 1953, and by electronic means at 2208 EST, 17 February 1953.

2. True identity of this object remains unknown. Investigation of reports failed to disclose further details or information or any falsified or imaginative information as reported by personnel concerned.

APPROVED:

Wayne E Mason
WAYNE E MASON
Captain, USAF
Commanding Officer

COMMENT, Dir of Intel 30th ADiv:

Value of report questioned. Forwarded intact for further evaluation and disposition as deemed appropriate.

Clement L. DeGonia
DELMONT L. DeGONIA
1st Lt, USAF
Ass't Director of Intel

4 INCLS
1. Overlay of track
2. Extract of Recorders' Log
3. Narrative - Lt Eagle
4. Narrative - A 1C Mandines

DISTRIBUTION BY ORIGINATOR
1 cy - ADC, ENT AFB, COLORADO
1 cy - Director of Intelligence, Hq, USAF, Washington 25, D. C.
1 cy - Chief, Air Technical Intelligence Center, ATTN: ATIAA-2c, Wright-Patterson AFB, Ohio
1 cy - EADF, Stewart AFB, N.Y. ATTN: Director of Intelligence
1 cy - 30th AD (Def) Willow Run Airport, Belleville, Michigan ATTN: Dir of Intelligence

NOTE: THIS DOCUMENT CONTAINS INFORMATION AFFECTING THE NATIONAL DEFENSE OF THE UNITED STATES WITHIN THE MEANING OF THE ESPIONAGE ACT, 50 U.S.C.—31 AND 32, AS AMENDED. ITS TRANSMISSION OR THE REVELATION OF ITS CONTENTS IN ANY MANNER TO AN UNAUTHORIZED PERSON IS PROHIBITED BY LAW. IT MAY NOT BE REPRODUCED IN WHOLE OR IN PART, BY OTHER THAN UNITED STATES AIR FORCE AGENCIES, EXCEPT BY PERMISSION OF THE DIRECTOR OF INTELLIGENCE, USAF.

THIS PAGE IS UNCLASSIFIED

UNCLASSIFIED

[redacted]

AF FORM 112—PART II
APPROVED JUNE 1948

[redacted] UNCLASSIFIED

AIR INTELLIGENCE INFORMATION REPORT

FROM (Agency)	REPORT NO.	PAGE 2 OF 2 PAGES
754th AOSW Squadron Port Austin, Michigan	IR-12-53	

1. At 2204 EST, 17 February 1953, an unidentified object was sighted visually by A 1C John T Mandinos and 2nd Lt Harold S Ragle. The object changed in color from red to pink to pale white to white and back to red again. The object appeared to be larger and brighter than a star, and other than changing color there were no unusual features visible. The object appeared to be moving south at a very slow rate of speed. Eventually it faded out completely after becoming smaller and much dimmer. At 2206 EST, 17 February 1953, 2nd Lt Ragle detected an unidentified target on the search radar equipment. The target was moving on a course of 180 degrees at 55 knots. It did not have any unusual characteristics except the speed, which was slow.

2. Object was first sighted at 2204 EST, visually for 5 minutes until 2209 EST, 17 February 1953. Detection time on radar was 2206 EST for 17 minutes until 2223 EST, 17 February 1953.

3. Object observed visually from ground and electronically by search radar. Type of radar was AN/TPS-3, upper beam only, (1297 megacycles).

4. Observers who sighted object were at 754th AOSW Squadron, Port Austin, Michigan; Longitude 83 degrees West; Latitude 44 degrees 02 minutes 22 seconds North; Elevation 646.73 feet MSL. Radar equipment located at same position. Object was sighted visually approximately 8 to 10 miles West Northwest of station, estimated 100 feet above horizon. Location of radar track was 9 miles at 300 degrees. Grid coordinates of station are BQ 0202 and target was at BQ 4904. No height finder equipment is available but estimate of altitude using calibration data showed target to be at approximately 1,000 feet.

5. Observers of object, 2nd Lt Harold S Ragle and A 1C John T Mandinos are considered fully reliable and experienced. 2nd Lt Ragle has approximately 7 months experience as an aircraft controller and A 1C Mandinos has three years experience as an aircraft control and warning operator. Radar maintenance personnel declared all equipment fully operational with no evidence of any type of interference present.

6. Weather and conditions at time target was sighted and visible were; visibility unlimited ceiling unlimited; temperature approximately 28 degrees Fahrenheit, moderate winds from west.

7. No known meteorological or other disturbances or activity existed at that time or at any time during 17 February 1953.

8. No physical evidence was available. Radar scope camera was inoperative at that time.

9. ADC was notified, surrounding stations were contacted, and flight plan sources were checked, but no identification could be obtained. No interception was attempted.

10. No other aircraft were known to be in general area of object throughout period it was observed by personnel of this organization.

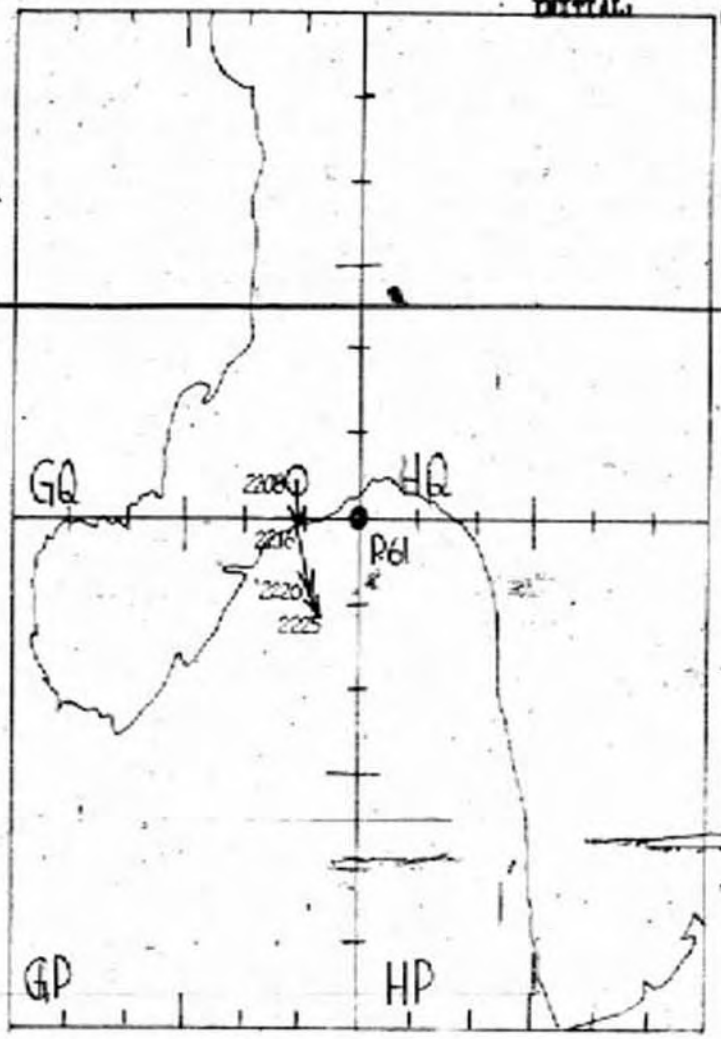
THIS PAGE IS UNCLASSIFIED

NOTE: THIS DOCUMENT CONTAINS INFORMATION AFFECTING THE NATIONAL DEFENSE OF THE UNITED STATES WITHIN THE MEANING OF THE ESPIONAGE ACT, 50 U.S.C. 31 AND 32, AS AMENDED. ITS TRANSMISSION OR THE REVELATION OF ITS CONTENTS IN ANY MANNER TO AN UNAUTHORIZED PERSON IS PROHIBITED BY LAW. IT MAY NOT BE REPRODUCED IN WHOLE OR IN PART, [redacted] FORCE [redacted] OF INTELLIGENCE, USAF.

THIS PAGE IS UNCLASSIFIED

THIS PAGE IS UNCLASSIFIED

[redacted]
HQ 754TH ACW SQUADRON
AD___: COMMANDING OFFICER
DATE: 28 FEB 1953
INITIAL: WBM WBM



OVERLAY OF RADAR TRACK

THIS PAGE IS UNCLASSIFIED

[redacted]

Incl #1

THIS PAGE IS UNCLASSIFIED

THIS PAGE IS UNCLASSIFIED

[redacted]

754TH [redacted] SQUADRON
AUTH: COMMANDING OFFICER
DATE: 28 FEB 1963
INITIAL: WEM

UNCLASSIFIED

* * * * * * * * * * * * * * * EXTRACT OF RECORDERS' LOG * * * * * * * * * * * * * * *

IDEN-TITY	GRID CO-ORDINATES	COURSE	TIME	TRACK NO.	ALT	RST SPEED	NO ACFT	REMARKS
UNK	GQ 4904	180	0306Z	W-10	1	55 kts	1	
	GP 4959		0316Z	W-10				
	GP 5157		0320Z	W-10				
	GP 5249		0325Z	W-10				

* END *

THIS PAGE IS UNCLASSIFIED

UNCLASSIFIED

Encl #2

[redacted]

T33-3518-B

THIS PAGE IS UNCLASSIFIED

THIS PAGE IS UNCLASSIFIED

[redacted]

UNCLASSIFIED

C[redacted]
NO: 754TH [redacted]
AUTH: COMMANDING OFFICER
INITIAL: 28 FEB 1953 WEM
DATE: WEM

At 2204 EST on 17 February 1953, an unidentified light was sighted visually by A 1C John Mandinee while on guard duty. I was notified of the sighting and made an observation of it. The object was seen or appeared to hover at approximately 100 feet above the horizon. At the time of the sighting, visibility and ceiling were unlimited. I observed the object which appeared to change from red to pink to white and then red again, for approximately one minute, after which time I returned to operations and attempted to "pick-up" the object on the AN/FPS-3. At 2208 EST, I "picked-up" the target at GQ 4904 and tracked it for 17 minutes, heading 180 degrees at 55 to 60 knots, at which time, 2225 EST at GP 5249, the target faded into the station ground clutter. Upper beam lobe was the only position I was able to receive a radar return on this object.

Harold S. Eagle
HAROLD S EAGLE
2nd Lt, USAF
Controller

THIS PAGE IS UNCLASSIFIED

UNCLASSIFIED

[redacted]

Incl #3

THIS PAGE IS UNCLASSIFIED

THIS PAGE IS UNCLASSIFIED

On 17 February 1953, at 2204 EST, while standing guard, I noticed an unusual light almost due west of our station. The object was in a part of the sky where no stars were visible. The object seemed to glow a bright red, then changed to pale white, and then red again, repeating this change over and over. The movement of this object seemed to be from north to south. After a while the object started getting smaller until I could no longer see it.

John T. Mandinec

JOHN T MANDINEC AF 15 294 796
A 1C, USAF
Radar Operator

THIS PAGE IS UNCLASSIFIED

Enl # 4

T53-3518-D

THIS PAGE IS UNCLASSIFIED

THIS PAGE IS UNCLASSIFIED

[redacted]

COORDINATION

INSERT ORGNL CODE AND FULL SIGNATURE

R. Olsson
ATIAE-5
5 Mar 53
NF Custer
5 Mar 53
ATIAE
C. [illegible]
ATIAE
[illegible]
[illegible]
APIA 9 Mar 53

UNCLASSIFIED

ATIAE-5/RMO/vs

In reply refer to
AFOIN-ATIAE-5

10 MAR 1953

SUBJECT: (Uncl) Radar Sighting of Unknown Aerial Object

TO: Commanding Officer
754th Aircraft and Warning Squadron
Port Austin, Michigan

1. Your AC/W Squadron made electronic contact with unidentified aerial phenomena on 17 February 1953 at 2204 hours EST and notified the Air Technical Intelligence Center by wire of the circumstances surrounding the sighting. In an attempt to uncover a logical explanation for such sightings, this Center has developed a questionnaire for sightings made by ground radar, one of which is an inclosure to this letter.

2. ATIC radar specialists have found the subject questionnaires of great value in attempting to explain these unknown radar tracks when they are filled out accurately by the radar personnel involved.

3. Since the sighting at your site seems more significant than usual due to combination visual and electronic observations, ATIC requests that you complete and forward an amplifying Air Force Form 112 as per AFL 200-5 as soon as possible. In addition, it is also requested that you complete and forward the Electronics Data Sheet at your earliest possible convenience.

1 Incl
Electronics Data Sheet

THIS PAGE IS UNCLASSIFIED

DESIGNATE AUTHD OFFICE OF RECORD

[redacted]

AMC Form 1 (Rev 17 May 50) Supersedes AMC Form 8, Rev 1 Apr 48, which will be used. Air Force-WPAFB-L-11 JUL 52 3400M

THIS PAGE IS UNCLASSIFIED

THIS PAGE IS UNCLASSIFIED

[redacted]

[redacted] 754TH ACW SQDN
AUTH: COMMANDING OFFICER
DATE: MAR 16 [illegible]
INITIAL: [illegible] SZ

UNCLASSIFIED

Ltr, ATIC Subject: (Uncl) Radar Sighting of Unknown Aerial Object

Ltr ATIC (10 Mar 53) 1st Ind MAR 17 1953

HQ 754TH AIRCRAFT CONTROL AND WARNING SQUADRON, Port Austin, Michigan

TO: ~~Commanding General, Air Technical Intelligence Center, Wright-~~ Patterson Air Force Base, Ohio ATTN: AFOIN-ATIAE-5

1. In accordance with paragraph 3, basic letter, submitted are Electronics Data Sheet and Air Force Form 112 as per AFL 200-5.

2. Distribution in accordance with AFL 200-5 was made previously by this organization, and follow-up action disclosed that copy of Air Force Form 112 was forwarded to your headquarters by Headquarters, 30th Air Division (Defense).

FOR THE COMMANDING OFFICER:

Alfred H Wiemann

ALFRED H WIEMANN
2nd Lt, USAF
Adjutant

2 Incl
1. Electronics Data Sheet
2. AF Form 112 (Parts I & II)

When the inclosures are withdrawn or not attached, the classification of SECRET on this correspondence will be canceled in accordance with paragraph 25A, AFR 205-1.

THIS PAGE IS UNCLASSIFIED

UNCLASSIFIED

[redacted]

T53-3389

THIS PAGE IS UNCLASSIFIED

[redacted] 754TH AC&W SQDN
ATTN: COMMANDING OFFICER
DATE: MAR 1 7 1953
INITIAL:

UNCLASSIFIED

ELECTRONICS DATA SHEET
(GROUND RADAR)

The purpose of this questionnaire is to provide technical data for evaluating the report of an unusual radar target or track. It is requested that it be completed as accurately as possible.

When not filled in, the form is Unclassified. The reporting officer will use his own judgement as to what degree of classification is required.

It is preferred that the answers to the questions be typewritten, however, if it will expedite the completion of the form, the answers may be printed in ink. If additional space is needed, use reverse side of form.

1. STATION OBSERVING TARGET:
754th AC&W Squadron
Organization
Port Austin, Michigan
Location

2. DATE OF THIS REPORT:
16 March 1953
Day Month Year

3. DATE TARGET OBSERVED:
17 February 1953 Local Time ☒ Z Time ☐
Day Month Year
Time-Local 2204 EST Time-Z

4. NAME, RANK AND ORGANIZATION OF REPORTING OFFICER:
ROY W ANDERSON, Captain
754th AC&W Squadron, Port Austin, Michigan

5. EXACT LOCATION OF STATION (COORDINATES):
HQ 0202

6. OBSERVER DATE (LIST EACH OBSERVER):

	Name	Rank	Duty	No. of Years Exp. in Radar
A.	EARL M OLSON	1st Lt	CONTROLLER	5 years
B.	HAROLD S EAGLE	2nd Lt	CONTROLLER	7 months
C.	JOHN T MANDINEC	A 1C	AC&W OPERATOR	3 Years
D.	CONSTANTINE DANILEVICH	S Sgt	AC&W Operator	3 years
E.	JOSEPH E LEGER	A 1C	AC&W OPERATOR	3 years

7. WAS A VISUAL SIGHTING MADE BY ANY PERSONNEL OF THE STATION? ☒ YES ☐ NO
IF SO, GIVE NAME AND RANK OF ALL PERSONNEL MAKING A VISUAL SIGHTING AND A BRIEF DESCRIPTION OF WHAT THEY SAW: Same as above - Same as stated in Air Intelligence report paragraph 1. At 2204 EST, 17 February 1953, an unidentified object was sighted visually by A 1C John Mandinec and 2nd Lt Harold S Eagle. The object changed color from red to pink to pale white to white and back to red again. The object appeared to be larger and brighter than a star, and other than changing color there were no unusual features visible.

[redacted] UNCLASSIFIED

Incl #1

T-53-3389-A

THIS PAGE IS UNCLASSIFIED

THIS PAGE IS UNCLASSIFIED

[redacted] [redacted] UNCLASSIFIED

8. HAVE YOU HEARD OF ANYONE NOT AT THE RADAR STATION MAKING A VISUAL SIGHTING AT APPROXIMATELY THE SAME TIME THE RADAR CONTACT WAS MADE? ☒ YES ☐ NO
IF SO, GIVE NAME AND ADDRESS.

It was reported through the Air Defense Control Center that a simultaneous sighting was made by an Airman at Oscoda Air Force Base, Michigan.

9. RADAR SCOPE PHOTOS:
IS RADAR EQUIPPED WITH A SCOPE CAMERA? ☒ YES ☐ NO
WAS CAMERA OPERATIONAL? ☐ YES ☒ NO
WERE SCOPE PHOTOS TAKEN? ☐ YES ☒ NO
WERE PRINTS OF THE SCOPE PHOTOS FORWARDED TO THE AIR TECHNICAL INTELLIGENCE CENTER? ☐ YES ☒ NO

10. TRACK DATA:
WHAT WAS THE NUMBER OF THE TRACK? M-10
WAS A PERMANENT PLOT MADE OF THE TRACK AT THE TIME OF THE OBSERVATION? ☒ YES ☐ NO

11. WERE AIRCRAFT SCRAMBLED TO INTERCEPT THE TARGET? ☐ YES ☒ NO
IF SO, WERE THE AIRCRAFT BEING OBSERVED ON THE SCOPE AT THE SAME TIME AS THE TARGET? ☐ YES ☐ NO

12. WERE ANY NEARBY RADAR INSTALLATIONS QUERIED WHETHER THEY HAD OBSERVED THE SAME TARGET OR TRACK? ☒ YES ☐ NO
IF SO, WHICH STATIONS? 661st AC&W Squadron, Selfridge AFB, Michigan

13. WAS THE TARGET OBSERVED ON SEARCH RADAR? ☒ YES ☐ NO
IF SO, WHAT IS THE NOMENCLATURE OF THE EQUIPMENT? AN/FPS-3

14. WAS THE TARGET OBSERVED ON HEIGHT FINDING RADAR? ☐ YES ☒ NO
IF SO, WHAT IS THE NOMENCLATURE OF THE EQUIPMENT?

15. HAVE THERE BEEN ANY RECENT MAINTENANCE DIFFICULTIES? ☐ YES ☒ NO
IF SO, DESCRIBE.

16. WHAT TYPE MODULATOR (I.E., SPARK GAP, HARD TUBE, ETC.) IS USED IN THE RADAR EQUIPMENT?
Thyratron Modulator

17. WAS THE AFC (AUTOMATIC FREQUENCY CONTROL) CIRCUIT OPERATING PROPERLY? ☒ YES ☐ NO
COMMENTS:

18. HAS INTERFERENCE FROM ANOTHER RADAR SET BEEN OBSERVED RECENTLY: ☒ YES ☐ NO
COMMENTS: When interference occurs, antenna is stopped to obtain a slight rotational phase displacement with respect to interferring source.

ATIC FORM 332 (REVISED 25 NOV 1952)

[redacted] [redacted] UNCLASSIFIED

T-53-3384-A

THIS PAGE IS UNCLASSIFIED

THIS PAGE IS UNCLASSIFIED

[redacted] [redacted] UNCLASSIFIED

19. ARE PERSONNEL FAMILIAR WITH THE EFFECTS CAUSED BY AN INTERFERING SIGNAL? ☒ YES ☐ NO
COMMENTS:

20. ARE PERSONNEL FAMILIAR WITH THE EFFECTS OF ANOMALOUS PROPAGATION (DUCTING EFFECTS) AS THEY PERTAIN TO THIS TYPE OF RADAR? ☒ YES ☐ NO

21. HAS ANOMALOUS PROPAGATION (DUCTING EFFECT) BEEN OBSERVED TO EXTEND THE RANGE OF THE GROUND CLUTTER OF THIS RADAR AT THIS SITE? ☐ YES ☒ NO
COMMENTS:

22. WAS ANOMALOUS PROPAGATION (DUCTING EFFECT) EXTENDING THE RANGE OF THE GROUND CLUTTER AT THE TIME THE TARGET WAS OBSERVED? ☐ YES ☒ NO
COMMENTS:

23. HOW DID THE TARGET APPEAR IN SIZE AND SHAPE AS COMPARED TO CONVENTIONAL AIRCRAFT TARGETS?
Approximately the same size as a light aircraft, i.e. Cub, Cessna, etc.

24. PERFORMANCE OF TARGET:

a. REMAINED CONSISTENT IN SIZE	☒	CHANGED SIZE RAPIDLY	☐
b. SPEED WAS CONSTANT	☒	SPEED WAS VARIABLE	☐
c. FOLLOWED CONSISTENT TRACK	☒	APPEARED, DISAPPEARED, THEN REAPPEARED IN NEW LOCATION	☐
d. FUZZY COMPARED TO AIRCRAFT TARGET	☐	SHARP COMPARED TO KNOWN AIRCRAFT TARGET	☐
e. SAME AS AIRCRAFT TARGET	☒		

25. WERE OTHER TARGETS (KNOWN) OBSERVED IN THE SAME GENERAL AREA, AT APPROXIMATELY THE SAME TIME AND AT THE SAME ALTITUDE AS THE UNUSUAL TARGET? ☐ YES ☒ NO
IF SO, DESCRIBE.

26. WHAT TYPE INDICATORS ("A" SCOPE, "B" SCOPE, ETC.) WERE USED TO FOLLOW THE TARGET?
PPI indicators were used.
DESCRIBE THE SIGNAL: Clear, steady paint

27. WHAT WAS THE RADAR SCAN RATE? 3.3 revolutions per minute.

28. WHAT WAS THE FREQUENCY OF THE TRANSMITTER?
Lower Beam - 1289 Megacycles : Upper Beam - 1297 Megacycles

29. DID ANY OF THE OBSERVERS HAVE ANY OPINIONS AS TO THE NATURE OF THE TARGET? ☐ YES ☒ NO
IF YES, GIVE THEIR NAMES AND OPINIONS BELOW.

THIS PAGE IS UNCLASSIFIED

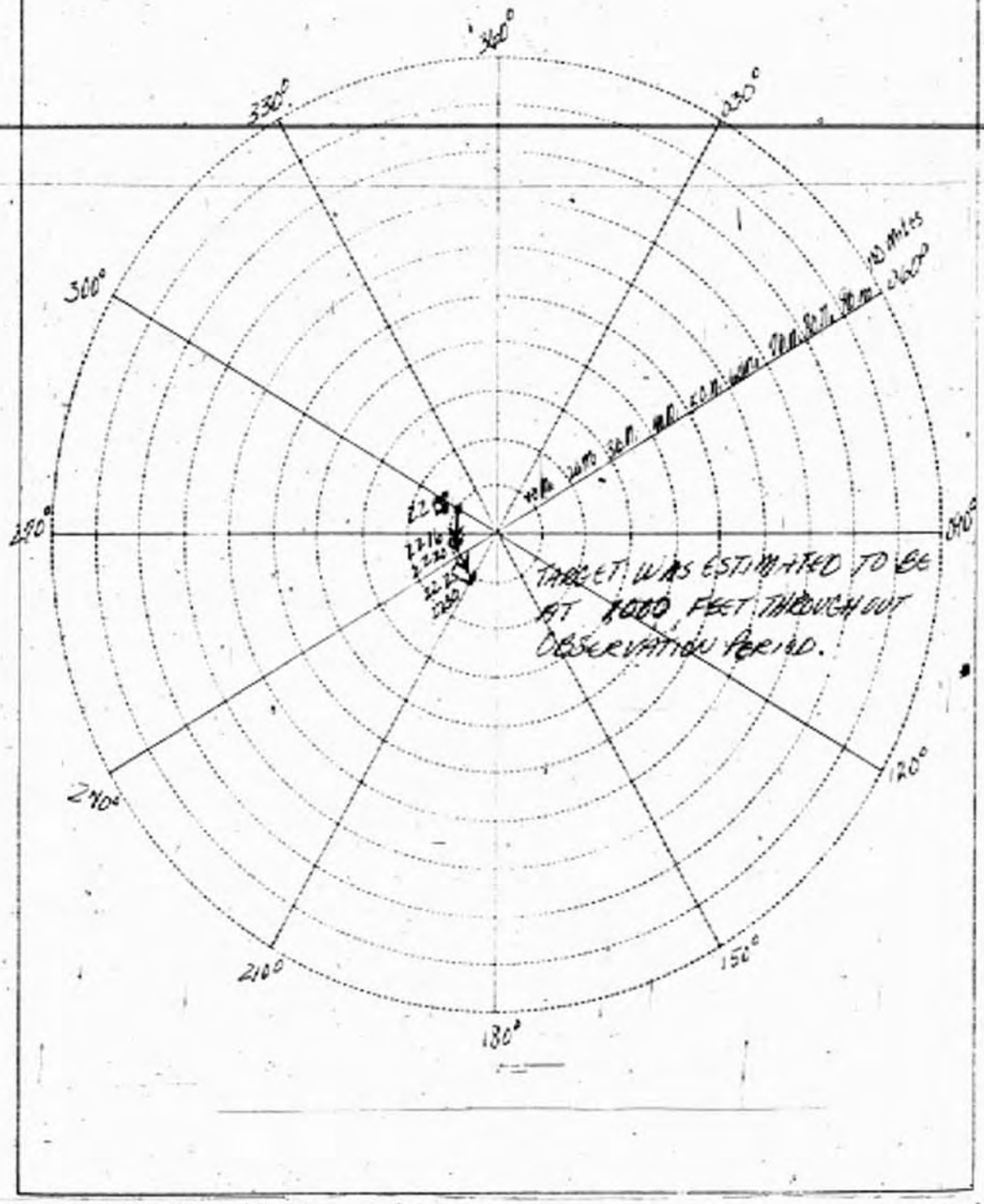
[redacted] (NOV 1952) [redacted] UNCLASSIFIED

T53-3381-A

THIS PAGE IS UNCLASSIFIED

[redacted] [redacted] UNCLASSIFIED

30. IF SCOPE PHOTOS ARE NOT AVAILABLE, PLOT THE TARGET TRACK AS ACCURATELY AS POSSIBLE. GIVE THE TIME AND ALTITUDE (IF MEASURED) FOR EACH POINT PLOTTED. PUT THE NECESSARY RANGE SCALE ON THE DIAGRAM.



THIS PAGE IS UNCLASSIFIED

[redacted] [redacted] UNCLASSIFIED

T53-3389-A

THIS PAGE IS UNCLASSIFIED

THIS PAGE IS UNCLASSIFIED

[redacted]

AIR TECHNICAL INTELLIGENCE CENTER UNCLASSIFIED
WRIGHT-PATTERSON AIR FORCE BASE
OHIO

In reply refer to
AFOIN-ATIAE-5

SUBJECT: (Uncl) Sighting of an Unidentified Aerial Object

TO: Commanding Officer
ATTN: Intelligence Officer
Oscoda Air Force Base
Oscoda, Michigan

1. The 754th AC&W Squadron, Port Austin, Michigan, made an unidentified object sighting on 17 February 1953 at 2204 hours EST which they reported to the Air Technical Intelligence Center. It was described as traveling on a heading of 180 degrees at 50 knots and was seen for a total of 17 minutes by both electronic and visual means. It was reported to them by the local Air Defense Control Center that a simultaneous sighting was made by an unidentified airman of your base.

2. In an attempt to gather all the information on this sighting and perhaps establish triangulation on the object, ATIC is therefore forwarding you the inclosed questionnaire which it hopes will be completed by the airman involved. If the airman can be located, ATIC would appreciate your forwarding the subject questionnaire as soon as possible.

2 Incls
1. U.S. AF Tech Info Sheet
2. S/Addressed envelop

(3 April 1953) 1st Ind

HEADQUARTERS, 63RD FIGHTER-INTERCEPTOR SQUADRON, Wurtsmith AFB, Oscoda, Michigan

TO: Air Technical Intelligence Center, Wright-Patterson AFB, Ohio
ATTN: AFOIN-ATIAE-5

1. After extensive search, this organization has not been able to find the Airman mentioned in above.

2. We will continue to search for unidentified Airman. Also on 24 February 1953 an unidentified object was sighted, this information was forwarded to 30th Air Division.

[redacted]
GEORGE E. [redacted]
1/Lt. USAF
Intelligence Officer

[redacted]

THIS PAGE IS UNCLASSIFIED

THIS PAGE IS UNCLASSIFIED

THIS PAGE IS UNCLASSIFIED

INSERT OFFICE SYMBOL AND FULL SIGNATURE IN APPROPRIATE BLOCK CG, CO OR DEPUTY

UNCLASSIFIED ATIAE-5/ILO/va

INSPECTOR GEN'L'S OFFICE

In reply refer to
AFOIE-ATIAE-5

PUBLIC INF. OFFICE

SUBJECT: (Uncl) Electronic Sighting of Unidentified Aerial Object

COMPTROLLER

TO: Commanding Officer
66lst AC&W Squadron
Selfridge Air Force Base, Michigan

PERSONNEL & ADM.

1. The 754th AC&W Squadron of Port Austin, Michigan, made a report to the Air Technical Intelligence Center concerning a combined visual and radar sighting of an unidentified aerial object occurring on 17 February 1953 at 2204 hrs. EST. In this report it is mentioned that your squadron also made electronic contact with possibly the same object. The 66lst tracked the unknown on a 180 degree heading at 50 knots for a period of 17 minutes.

RESEARCH & DEV.

2. ATIC is attempting to gather all the facts surrounding the incident and, therefore, is inclosing an Electronics Data Sheet to be filled out by the radar personnel involved.

3. This information can be used to corroborate the Port Austin sighting and to establish a possible triangulation on the object. If possible, ATIC would appreciate your action in completing the inclosed questionnaire and forwarding it to this Center at your earliest possible convenience. In the event that your squadron has no record of such a sighting, this correspondence may be disregarded and the data sheet may be retained for possible future use.

INTELLIGENCE

R. Olsson Lt
ATIAE-5
25 Mar 53
Lt Col Johnson
4 Cy ATIAE
25 Mar 53
SUPPLY AND MAINT.
Joseph A. Colson
Maj ATIA
26 Mar 53

1 Incl
Electronics Data Sheet

PROC. & IND. MOB. PLNG.

UNCLASSIFIED

OTHER

*AREA COMMANDS WILL LINE OUT ORGANIZATIONAL TITLE NOT APPLICABLE WHEN ADDITIONAL SPACE IS NEEDED

ORIG. FILE [redacted] RECORDS SEC. ADD

HQ. BR. LAB. BR.

EXTRA COPY RETAINED

OFF. SYMBOL INITIALS

AMC Form No. 8 (Rev 1 Apr 48) (Formerly AMC 10-7)

W1-1-51 OCT 49 3,697m

CENTRAL FILES COPY

THIS PAGE IS UNCLASSIFIED

THIS PAGE IS UNCLASSIFIED

THIS PAGE IS UNCLASSIFIED

ROUTING

JOINT MESSAGEFORM

COMMUNICATIONS CENTER NO.

SPACE ABOVE FOR COMMUNICATIONS CENTER ONLY

FROM: (Originator)

CG ATIC

CO 75[illegible] ACAW SQUADRON FORT AUSTIN MICH

TO:

DATE: [illegible] APR 53	SEC: UNCLASSIFIED
PRECEDENCE FOR:	ROUTINE / INFORMATION
BOOK MESSAGE	X ORIGINAL MESSAGE
MULTIPLE ADDRESS	CRYPTOPRECAUTION: YES / X NO
REFERS TO MESSAGE:	
IDENTIFICATION	CLASSIFICATION

INFO:

FROM: AFOIN-ATIAE-4-19-E

Your ACAW Sq made a visual and electronic sighting of an unidentified aerial object on 17 Feb 53 at 2204 hrs EST. In an attempt to uncover a logical explanation of the sighting, the following information is needed:

1) Was there any military helicopter activity in your area?

2) Does the U.S. Post Office use helicopters in your area?

3) Does any local company use helicopters?

4) Was there any possibility of there being a helicopter in the area at the time of sighting?

4 May 1953 30th AD.

COORDINATION:

SEC: UNCLASSIFIED PAGE 1 OF 1 PAGES

DRAFTER'S NAME (and signature, when required): LT R. M. OLSSON/vs

RELEASING OFFICER'S SIGNATURE: ROBERT C. BROWN, MAJOR, USAF

SYMBOL: ATIAE-5 TELEPHONE: 65365

OFFICIAL TITLE: AIR ADJUTANT GENERAL

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

THIS PAGE IS UNCLASSIFIED

ATIAE-5 File

THIS PAGE IS UNCLASSIFIED

THIS PAGE IS UNCLASSIFIED

ROUTING

JOINT MESSAGEFORM

COMMUNICATIONS CENTER NO

SPACE ABOVE FOR COMMUNICATIONS CENTER ONLY

FROM: (Originator)

CONTR ATIC

TO: [illegible] 754TH AGA [illegible] PORT AUSTIN [illegible]

DATE-TIME GROUP: 251645Z JUN 53

SECURITY CLASSIFICATION: UNCLASSIFIED

PRECEDENCE FOR: ACTION ROUTINE INFORMATION

BOOK MESSAGE

ORIGINAL MESSAGE X

MULTIPLE ADDRESS

GRAPHIC PRODUCTION YES NO

REFERS TO MESSAGE

IDENTIFICATION

CLASSIFICATION

INFO:

FROM: AFCIN-ATIAB-6-23-L

On 28 April 1953 Project Blue Book wired your organization, reference message AFCIN-ATIAB-4-19-L, requesting information regarding the unidentified object sighting of 17 February 1953 at Port Austin, Michigan. No answer was received by ATIC. The question asked was: Was there any helicopter activity in the area at the time of sighting? During the briefing of the 30th Air Division, Lt R.M. Olsson was led to believe no helicopters were flying at the time of the sighting. Request confirmation of this by wire.

In reply cite Project Blue Book.

COORDINATION:

ATIAB-5 _____ DATE _____
LT OLSSON

ATIAB _____ DATE _____
LT COL JOHNSTON

ATIA _____ DATE _____
COL McDUFFIE

SECURITY CLASSIFICATION: UNCLASSIFIED

PAGE 1 OF 1 PAGES

DRAFTER'S NAME (and signature, when required): Lt R.M. Olsson/RMC/jos

RELEASING OFFICER'S SIGNATURE

SYMBOL: ATIAB-5

TELEPHONE: 65365

OFFICIAL TITLE: ROBERT C. BROWN, Major, USAF Adjutant

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

THIS PAGE IS UNCLASSIFIED

ATIAB-5

AF FORM 112—PART II
APPROVED 1 JUNE 1948

UNCLASSIFIED

AIR INTELLIGENCE INFORMATION REPORT

FROM (Agency)	REPORT NO.	PAGE 2 OF 2 PAGES
754th ACSW Squadron, Port Austin		

1. At 2204 EST 17 February 1953, an unidentified object was sighted visually by A 1C John Mandinec and 2nd Lt Harold S Eagle. The object changed color from red to pink to pale white to white and back to red again. The object appeared to be larger and brighter than a star, and other than changing color there were no unusual features visible. The object appeared to be moving south at a very slow rate of speed. Eventually it faded out completely after becoming smaller and much less bright in intensity. At 2206 EST, 17 February 1953, 2nd Lt Eagle detected an unidentified target on the search radar equipment. The target was moving on a course of 180 degrees at 55 knots. It did not have any unusual characteristics on radar, except the speed, which was slow for an aircraft.

2. Object was first sighted at 2204 EST, visually for 5 minutes until 2209 EST, 17 February 1953. Detection time on radar was 2206 EST for 17 minutes until 2223 EST, 17 February 1953.

3. Object observed visually from ground and electronically by Search Radar. Type of radar was upper beam (1297 megacycles) of AN/FPS-3.

4. Observers who sighted object were at 754th AC&W Squadron, Port Austin, Michigan; longitude 83 degrees west, latitude 44 degrees 02 minutes 22 seconds north; elevation 646.75 feet MSL. Radar equipment located at same position. Object was sighted visually approximately 8 to 10 miles west northwest of station, estimated 100 feet above horizon. Location of radar track was 9 miles at 300 degrees. Grid coordinates of station are HQ 0202 and target was at GQ 4904. No height finder equipment is available but estimate of altitude using calibration data showed target to be at approximately 1,000 feet.

5. Observers of object, 2nd Lt Harold S Eagle and A 1C John T Mandinec are considered reliable and experienced. 2nd Lt Eagle has approximately 7 months experience as an aircraft controller and A 1C Mandinec has three years experience as an aircraft control and warning operator. Radar maintenance personnel found equipment fully operational with no evidence of any type of interference present.

6. Weather and wind conditions at time target was sighted and visible were: Visibility and ceiling: Unlimited. Temperature approximately 28 degrees Fahrenheit, with moderate winds from west.

7. No known meteorological or other disturbances or activity existed at that time or at any time during 17 February 1953.

8. No physical evidence was available. Radar scope camera was inoperative at that time.

9. ADCC was notified, surrounding stations were contacted, and flight plan sources were checked, but no identification was available. No interception was attempted.

10. No other aircraft were known to be in general area of object throughout period it was observed by personnel of this organization.

THIS PAGE IS UNCLASSIFIED

NOTE: THIS DOCUMENT CONTAINS INFORMATION AFFECTING THE NATIONAL DEFENSE OF THE UNITED STATES WITHIN THE MEANING OF THE ESPIONAGE ACT, 50 U.S.C. 31 AND 32, AS AMENDED. ITS TRANSMISSION OR THE REVELATION OF ITS CONTENTS IN ANY MANNER TO AN UNAUTHORIZED PERSON IS PROHIBITED BY LAW. IT MAY NOT BE REPRODUCED IN WHOLE OR IN PART, BY [redacted] AIR FORCE AGENCIES EXCEPT BY PERMISSION OF THE DIRECTOR OF INTELLIGENCE, USAF.

AF FORM 112—PART I
APPROVED 1 JUNE 1948

UNCLASSIFIED [redacted]

CLASSIFICATION: [redacted]
HQ: 754th AC&W SQDN
AUTH: COMMANDING OFFICER
DATE: MAR 1 [illegible]

COUNTRY	REPORT NO.	ACCESSION NO.
U.S.A.		SZ

AIR INTELLIGENCE INFORMATION REPORT

SUBJECT: FLYOBRPT, Report of Unidentified Flying Objects

AREA REPORTED ON	FROM (Agency)
Lake Huron and Northeastern Michigan	754th AC&W Squadron, Port Austin, Michigan

DATE OF REPORT	DATE OF INFORMATION	EVALUATION
17 March 1953	17 February 1953	B-3

PREPARED BY (Officer)	SOURCE
ROY W ANDERSON, CAPTAIN, USAF	Personnel of the 754th AC&W Squadron

REFERENCES (Control number, directive, previous report, etc., as applicable)
AFL 200-5, 29 April 1952

SUMMARY: (Enter complete summary of report. One significance in final one sentence paragraph. List inclosures at lower left. Begin text of report on AF Form 113—Part II.)

1. The following report is submitted on the observance of an unusual flying object by personnel of the 754th AC&W Squadron, Port Austin, Michigan. Personnel concerned report having observed this object by visual means at 2204 EST, 17 February 1953, and by electronic means at 2208 EST, 17 February 1953.

2. True identity of this object remains unknown. Investigation of reports failed to disclose further details or information or any falsified or imaginative information as reported by personnel concerned.

APPROVED:

ROY W ANDERSON
Captain, USAF
Intelligence Officer

____ INCLS

DISTRIBUTION BY ORIGINATOR

1 cy - Chief, Air Technical Intelligence Center, ATTN: APCIN-ATIAE-5, Wright-Patterson AFB, Ohio

NOTE: THIS DOCUMENT CONTAINS INFORMATION AFFECTING THE NATIONAL DEFENSE OF THE UNITED STATES WITHIN THE MEANING OF THE ESPIONAGE ACT, 50 U.S.C. 31 AND 32, AS AMENDED. ITS TRANSMISSION OR THE REVELATION OF ITS CONTENTS IN ANY MANNER TO AN UNAUTHORIZED PERSON IS PROHIBITED BY LAW. IT MAY NOT BE REPRODUCED IN WHOLE OR IN PART, BY [redacted] AIR FORCE AGENCIES, EXCEPT [redacted] OF THE DIRECTOR OF INTELLIGENCE, USAF.

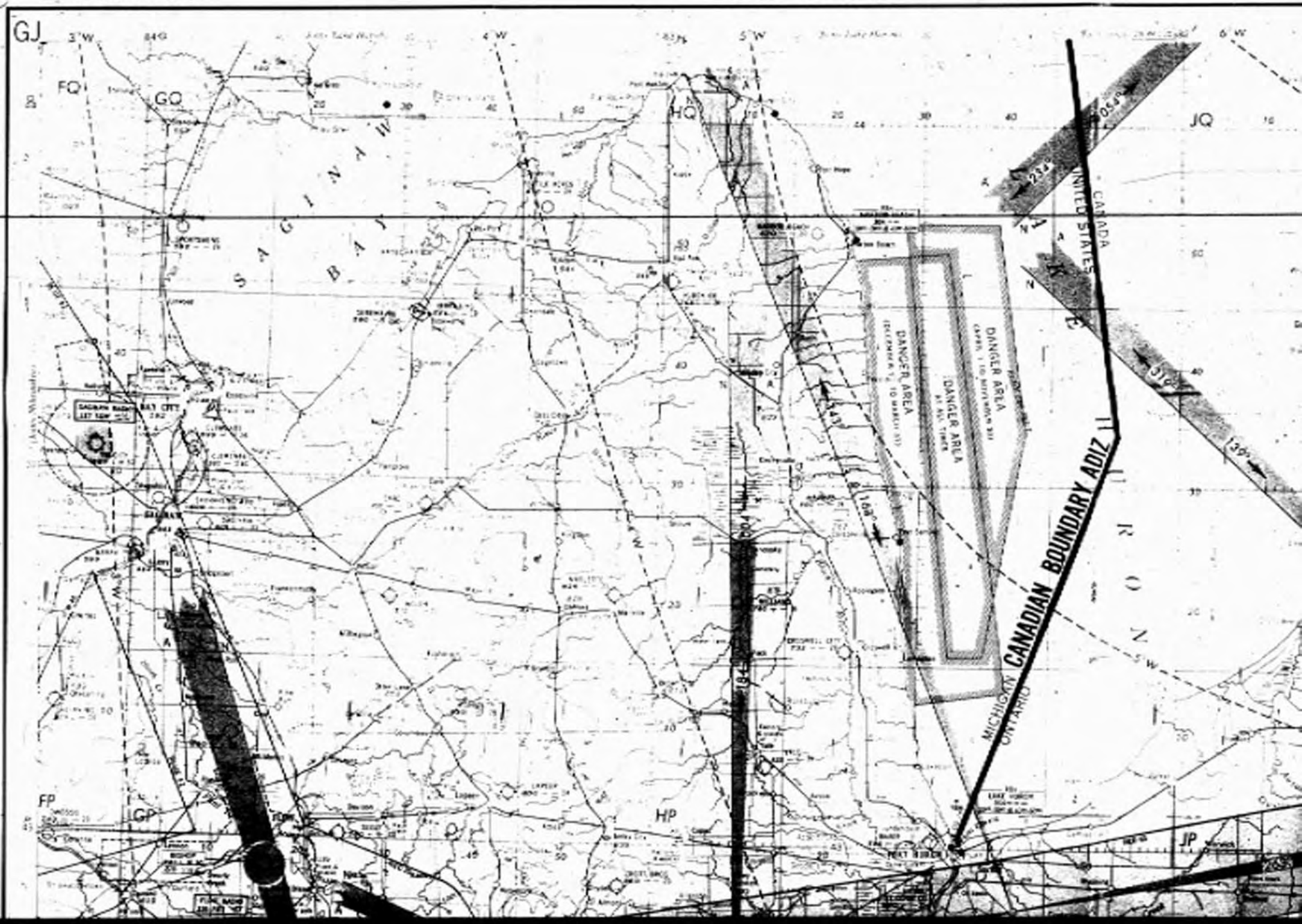
UNCLASSIFIED [redacted]

THIS PAGE IS UNCLASSIFIED

[redacted]

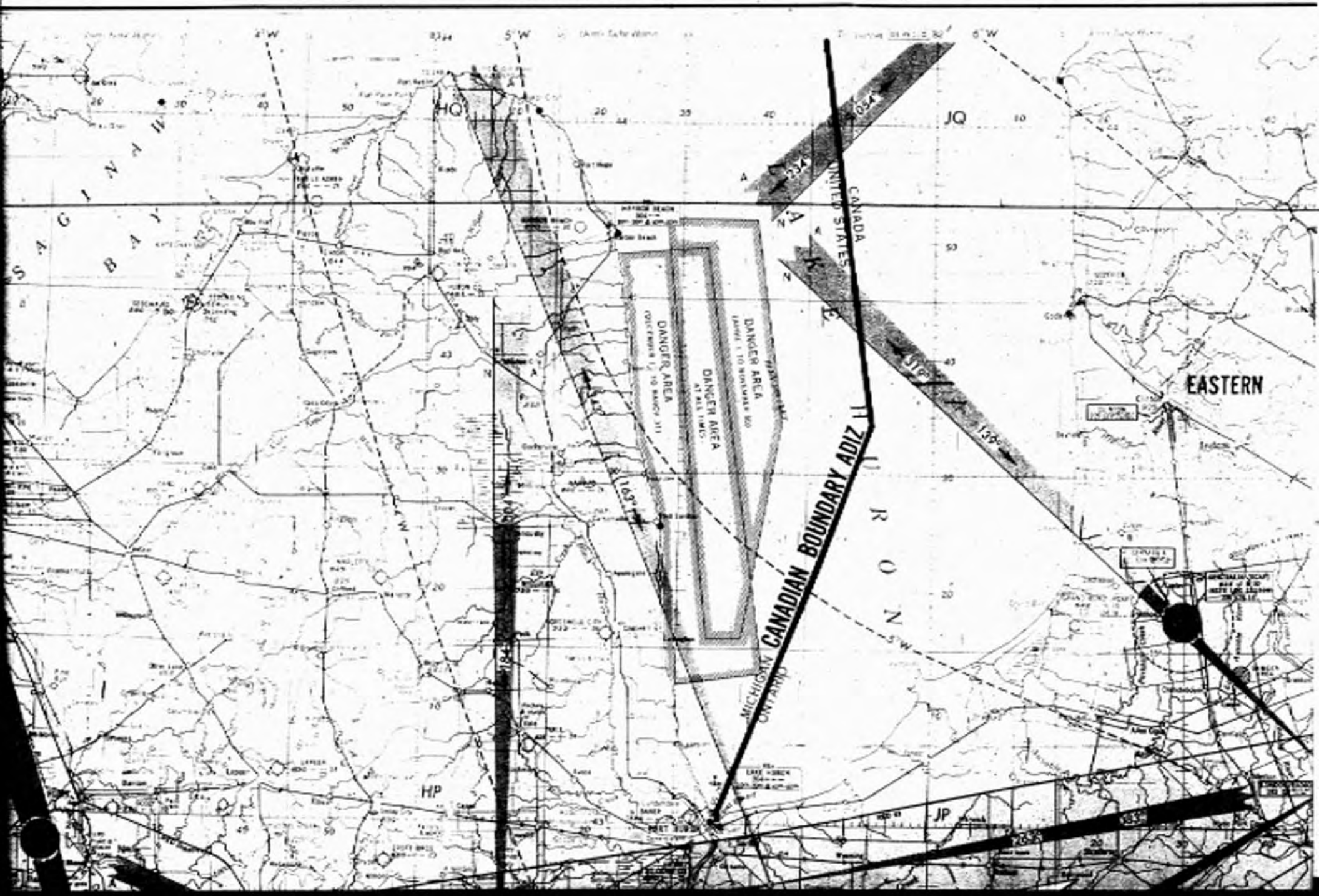
THIS PAGE IS UNCLASSIFIED

ELEVATIONS IN FEET

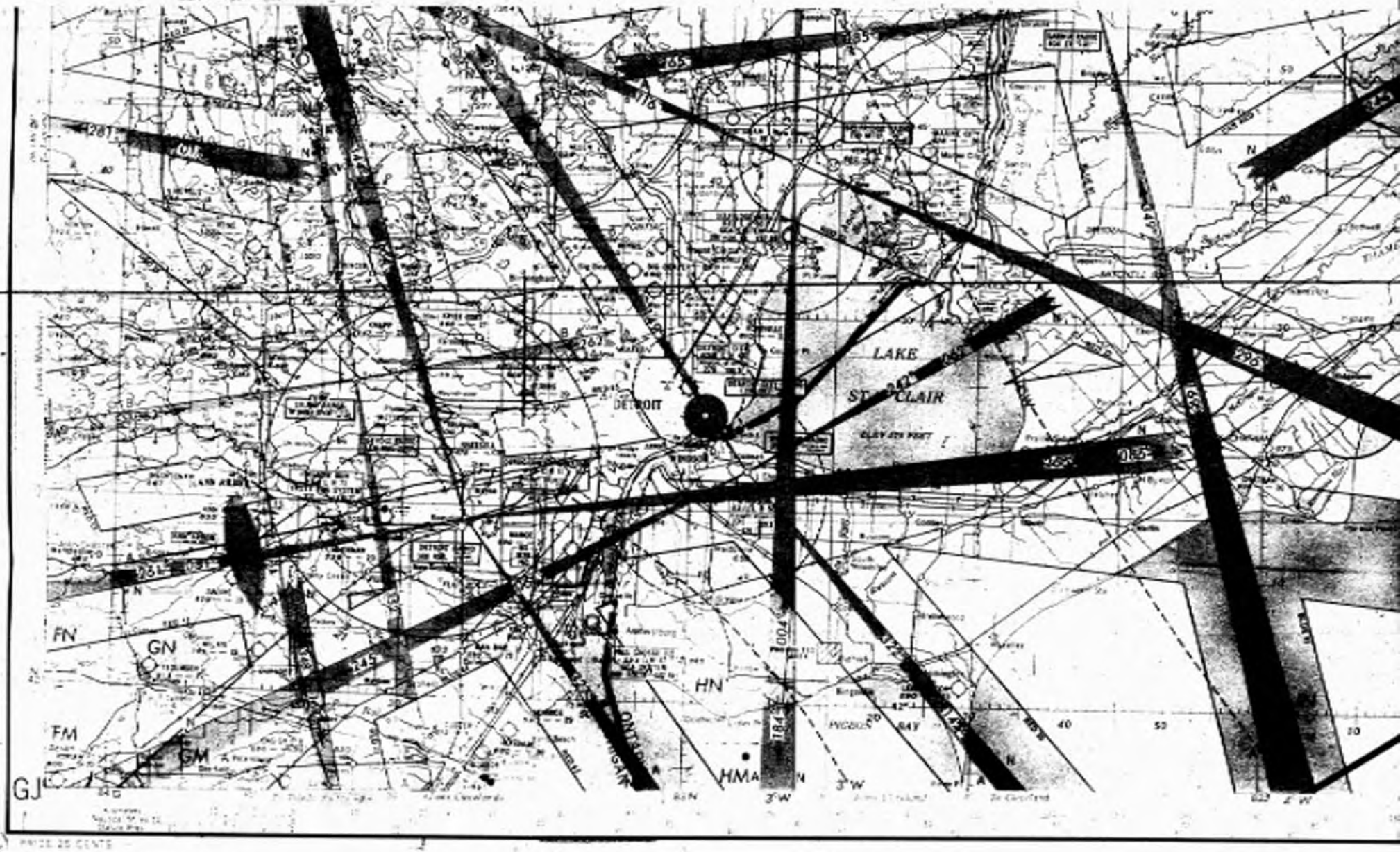


THIS PAGE IS UNCLASSIFIED

ELEVATIONS IN FEET



THIS PAGE IS UNCLASSIFIED

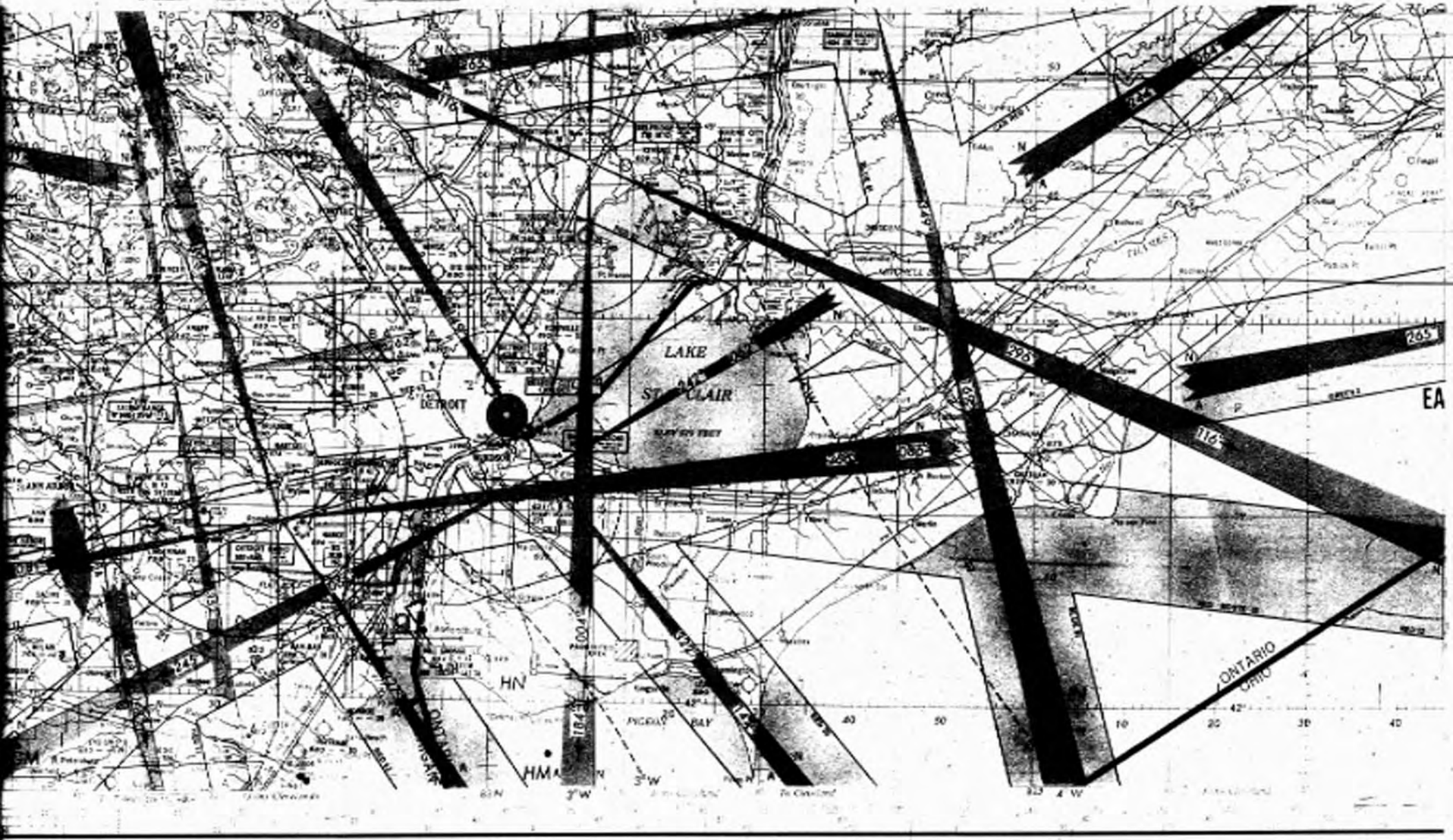


PRICE 25 CENTS

DETROIT (V-8)

SURVEYED AND PRINTED AT WASHINGTON, D.C.
BY THE U. S. COAST AND GEODETIC SURVEY
UNDER AUTHORITY OF THE SECRETARY OF COMMERCE

THIS PAGE IS UNCLASSIFIED



ROIT (VOR)