PROJECT 10073 RECORD CARD

1. DATE 15 February 1954	2. LOCATION Greenville, North Carolina	12. CONCLUSIONS ☐ Was Balloon ☐ Probably Balloon ☐ Possibly Balloon ☐ Was Aircraft ☐ Probably Aircraft ☐ Possibly Aircraft ☐ Was Astronomical Meteor ☒ Probably Astronomical ☐ Possibly Astronomical ☐ Other_____ ☐ Insufficient Data for Evaluation ☐ Unknown
3. DATE-TIME GROUP Local _____ GMT 16/0200Z (Night)	4. TYPE OF OBSERVATION ☒ Ground-Visual ☐ Ground-Radar ☐ Air-Visual ☐ Air-Intercept Radar	
5. PHOTOS ☐ Yes ☒ No	6. SOURCE civilian	
7. LENGTH OF OBSERVATION 10 seconds	8. NUMBER OF OBJECTS one	9. COURSE
10. BRIEF SUMMARY OF SIGHTING Solid ball with parallel tails - brilliant orange color	11. COMMENTS Fireball meteor with some error in time.	

ATIC FORM 329 (REV 26 SEP 52)

AERONAUTICAL CHART SUPPLY

[illegible]

Chart users are advised to check the Set Dates of Latest Prints on display with authorized agents.

CIVIL CHART SUPPLY

Authorized agents for the sale of aeronautical charts have been appointed at outside airports and principal cities throughout the United States. The charts may also be obtained from the Director, U. S. Coast and Geodetic Survey, Washington 25, D. C.

MILITARY CHART SUPPLY

(Refer AF Reg. [illegible])

[illegible]

CORRECTION INSTRUCTIONS

1. The Coast and Geodetic Survey is making every effort to furnish the user with accurate charts. The user will materially assist in this effort by marking corrections of the [illegible] information, drainage, relief and cultural features (roads, canals, power lines, etc.) on the face of the chart [illegible] of the area, or under "Remarks" below. In reporting elevation corrections, state method used by observer [illegible] this determination.

a. Mark correction on face of chart or under "Remarks" [illegible]
b. Fold chart along regular fold lines, but with [illegible]
c. Make an extra fold along dotted line and staple at points as marked.
d. Fill in the return address and drop the chart in any U. S. mail box. Postage is not required.

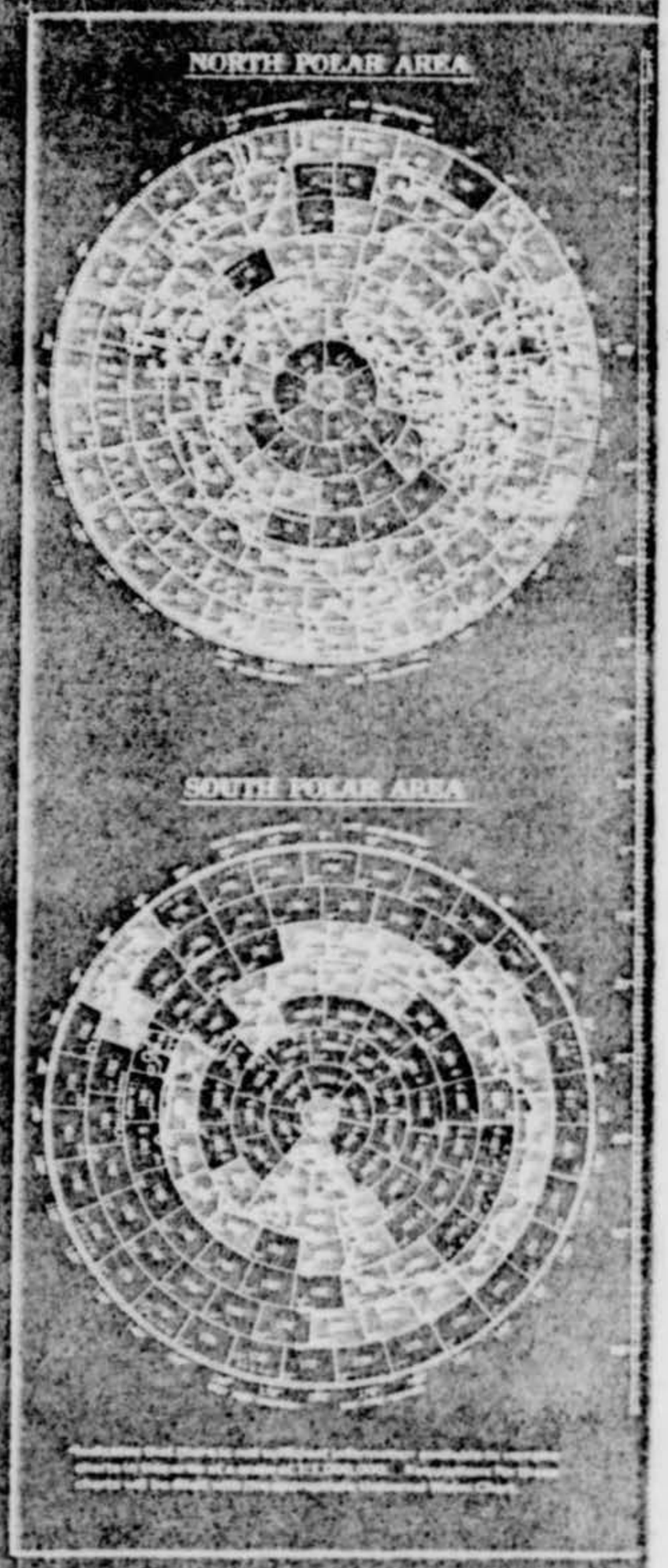
Remarks: [illegible]

FROM: _____

OFFICIAL BUSINESS
PERMIT NO. 1899

PENALTY FOR PRIVATE USE TO AVOID
PAYMENT OF POSTAGE, $300

To:
The Director
U.S. Coast and Geodetic Survey
Washington 25, D.C.



AERONAUTICAL SYMB[illegible]

AERODROMES

Aerodromes with Facilities — LAND, WATER

Aerodr[illegible] — Land

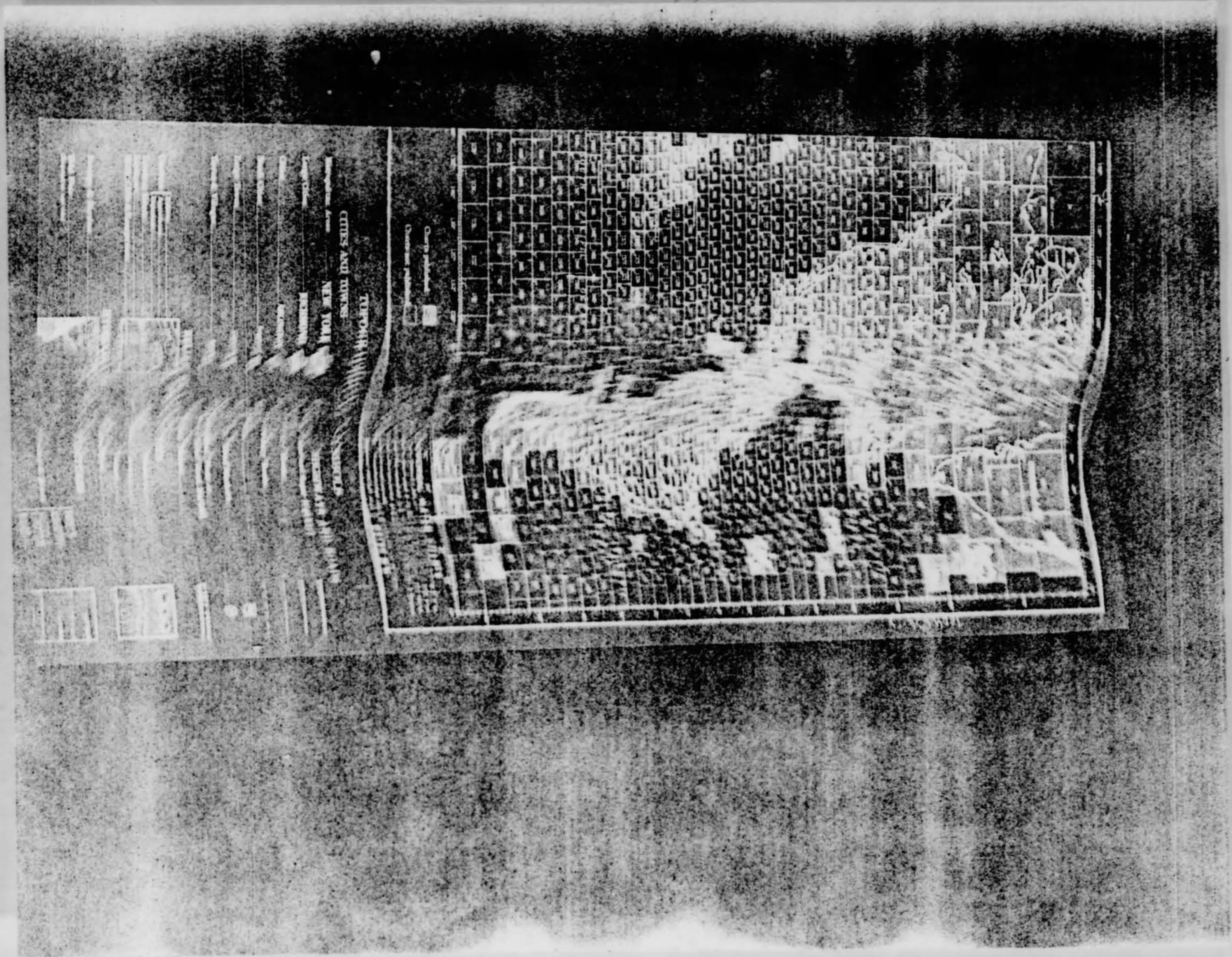
Civil

Joint Civil and Military

Military

AERODROME DATA

[illegible]


TUCKER
CITY AND TOWNS
NEW YORK

U. S. DANGER AREAS ON WORLD AERONAUTICAL CHART 409

NO.	NAME	ACTIVITY	USING AGENCY	ALTITUDE	TIME
AR-76	Chicago Engineering Works	Research and Development	U. S. Atomic Energy Commission	Unlmtd.	Unlmtd.
D-116	Kalamazoo Arsenal	Demolition & Rocket Firing	Dept. of Army, Redstone Arsenal, Ala.	Unlmtd.	Unlmtd.
C-134	Atlanta	Aerobatics	NAS Atlanta, Ga.	Above 8,000	0600-1800
D-134	Fort Jackson	Small Arms, Artillery and Antiaircraft Firing	Fort Jackson, S.C.	To 40,000	Unlmtd.
C-136	Cody	Plane Training	Cody AFB, Roswell, N.M.	To 10,000	VFR sunrise-sunset
C-137	Cody	Plane Training	Cody AFB, Roswell, N.M.	Unlmtd.	VFR 0700-2300
D-166	Camp Gordon	Small Arms and Artillery Firing	Dept. of Army, Camp Gordon, Augusta, Ga.	To 1,000	0700-1800 Mon.-Sat.
D-168	Fort Benning	Antiaircraft & Artillery Firing	Army Ground Forces, Fort Benning, Ga.	To 10,000	Unlmtd.
D-186	Fort McClellan	Infantry Weapons Firing	3rd Army, Ft. McClellan, Ala.	To 30,000	Unlmtd.
D-188	Fort McClellan	Artillery Firing	3rd Army, Ft. McClellan, Ala.	To 40,000	Unlmtd.
W-188	Chickasaw	Antiaircraft & Surface Firing on Towed-Position Targets	Dept. of Navy, Admiralty Whse. Office Forces, Washington, D.C.	To 10,000	Unlmtd.
D-189	Camp Rucker	Antiaircraft Firing	3rd Army and Ord. Guided Missiles	To 40,000	Unlmtd.
C-208	Bonneville	Interceptor and Formation Flying	NAS Brunswick, 104th AF Reserve Training Center & Maine Air Nat'l. Guard	8,000-20,000	0800-1700
AR-209	Savannah River		U. S. Atomic Energy Commission	Unlmtd.	Unlmtd.
D-264	Shaw AFB	Local Gunnery, Bombing & Rocketry	Shaw AFB, S.C.	To 15,000	Dawn-dusk Mon.-Fri.
D-266	Camp Gordon	Small Arms & Artillery Firing	Dept. of Army, Camp Gordon, Augusta, Ga.	Unlmtd.	Unlmtd.

Altitude given in feet. AR: Atomic Reservation (Prohibited). C: Caution. D: Danger. W: Warning. 1-6-57

No person shall operate an aircraft within an Atomic Reservation or Danger Area unless permission for such operation has been issued by appropriate authority.

Aircraft are not restricted from flying through Caution Areas; however, extreme caution should be exercised by pilots flying through such areas.

Rotating Light

Rotating Light (With flashing code lights)

Revolving Light (With revolving lights and other members)

Flashing Light

F — Fixed; Fl — Flashing; Gp.Fl — Group Flashing; Q.Fl — Quick Flashing; I.Q.Fl — Interrupted Quick Flashing

Marine lights are white unless colors are indicated, abbreviated after each

MISCELLANEOUS

Obstruction, less than 500 feet above ground

Obstruction, 500 feet or higher above ground (Numerals indicate elevation above sea level at top)

Group Obstruction

Pipeline Transmission Line

Mooring Mast

Isogonic Lines

Restricted areas are numbered, and are indicated on the charts as follows:

Prohibited Area — Unauthorized

Danger, Restricted or Warning

Caution Area — Visits hazardous

The heavy line indicates the "N" quadrant. The bearings shown are magnetic and the magnetic variation at the position of the ground station is used for magnetic them.

VHF OMNI-DIRECTIONAL RANGE (VOR)

Bearings are magnetic from the station
Radius of circle is 18 nautical miles

VHF FOUR COURSE VISUAL-AURAL RANGE (VAR)

Letter identifying frequency for both
indicator-aural indicator-visual

AIR TRAFFIC CONTROL

Danger Rock

Rocks Awash

Shoals
(Exposed at low tide)

Springs

Wells & Water Holes

Reefs, Coral & Rocky Ledges
(Awash at low tide)

CULTURAL AND

Landmarks (with approximate outline)
(Numerals indicate elevation above sea level at left)

Oil Tanks

Oil Fields

Dams

Elevations
(In feet)

Mines and Quarries

Mountain Passes

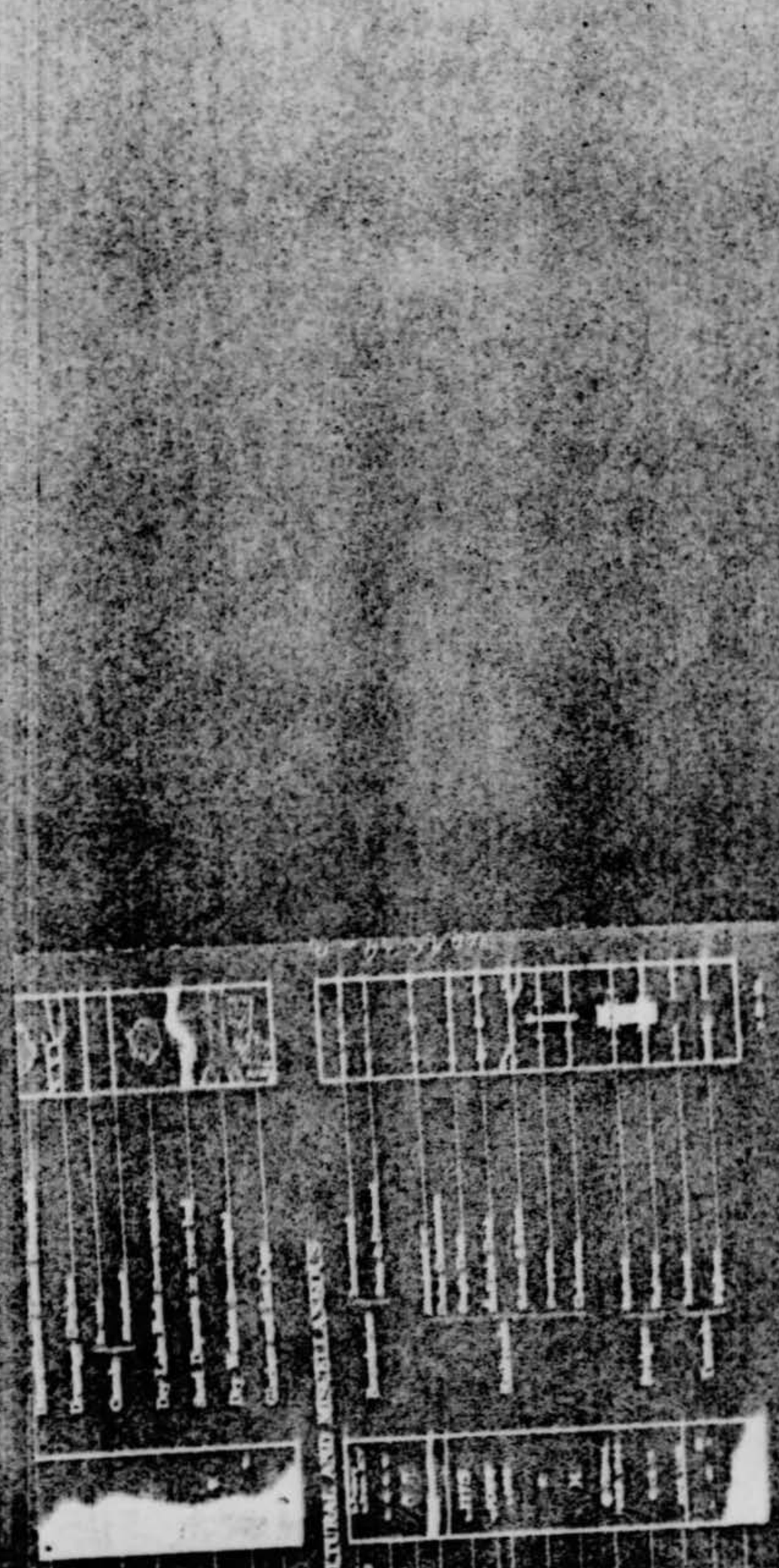
Lookout Stations (towns & small towns)

Coast Guard Stations

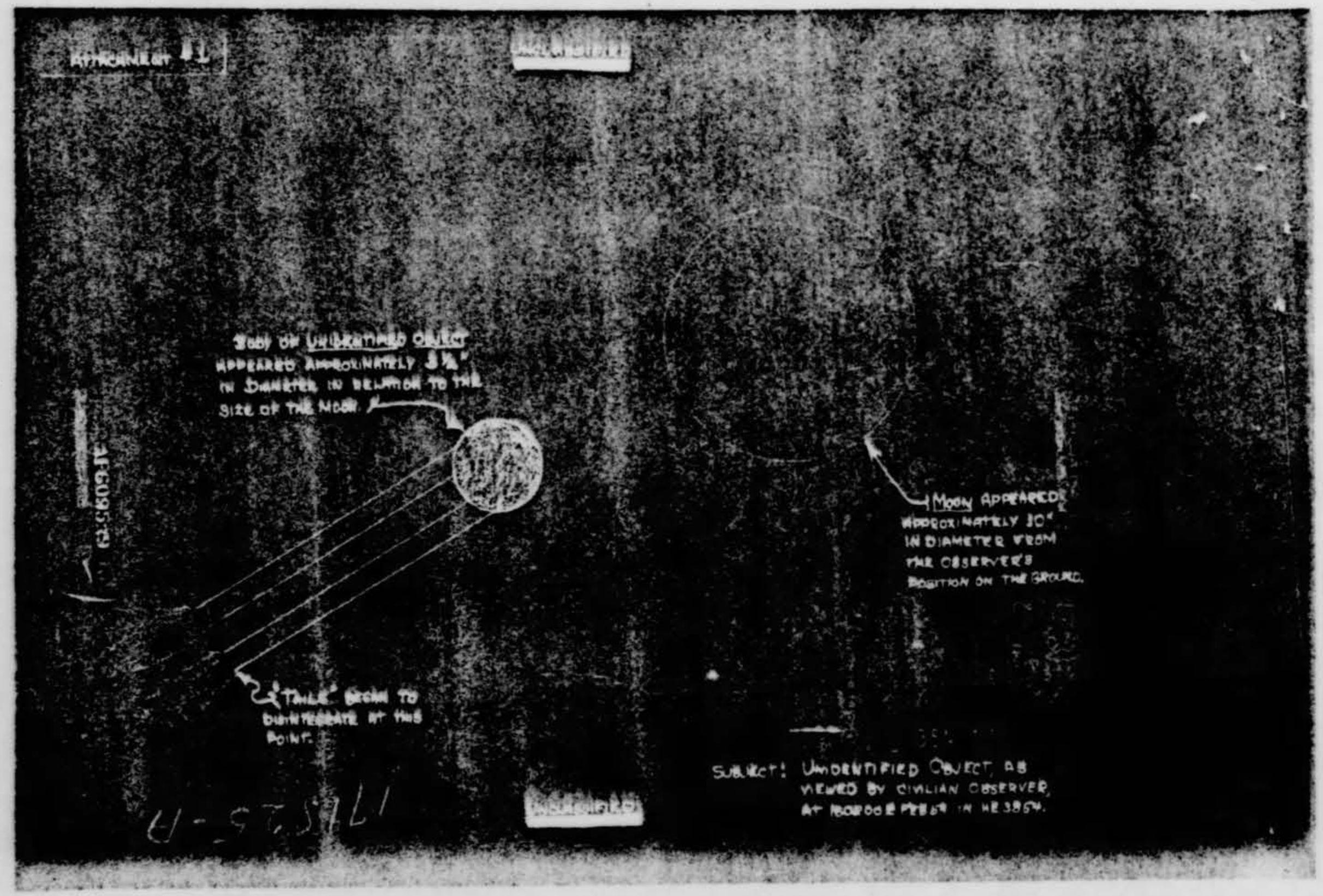
Pipe Lines

Race Tracks or Stadiums

Stranded Wrecks

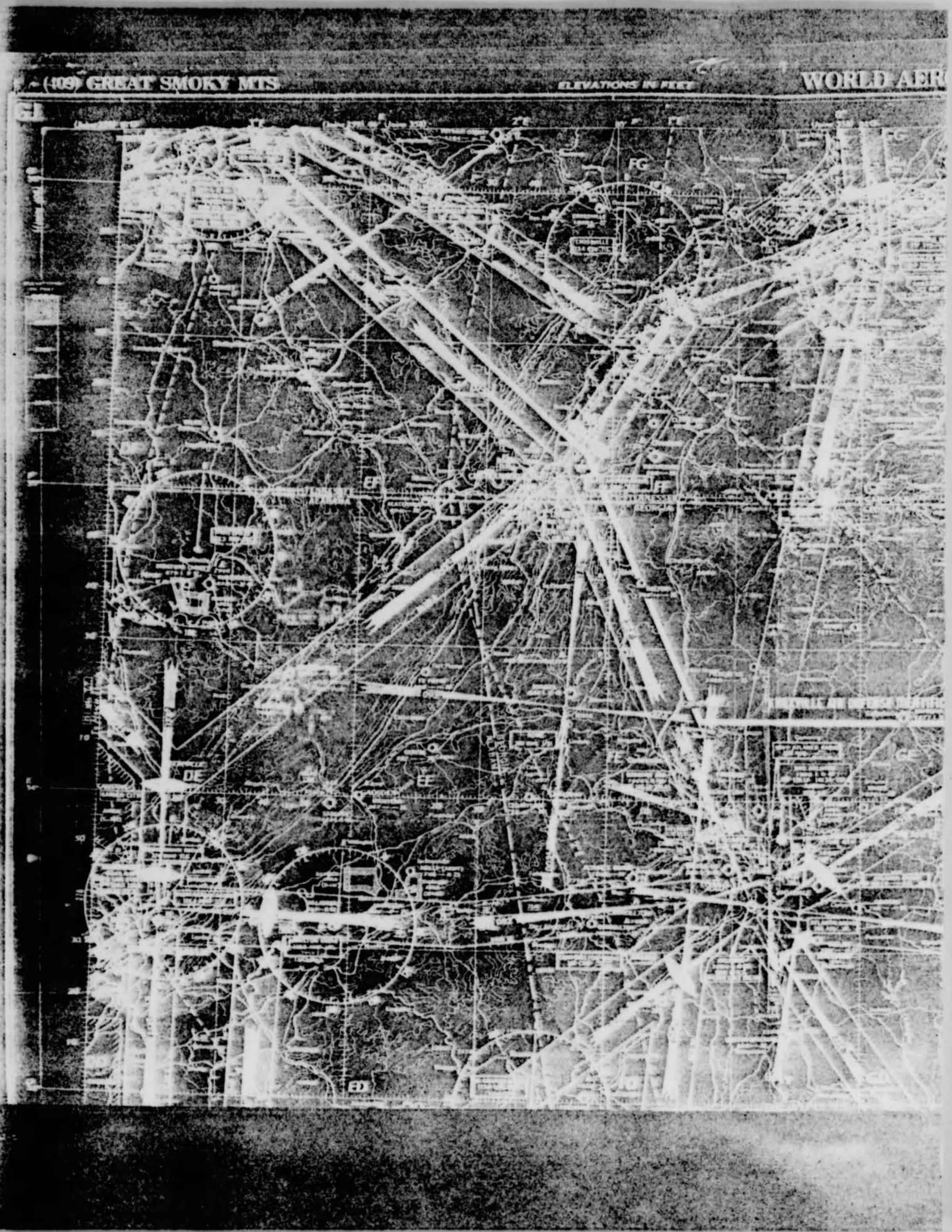

CULTURAL AND NATURAL AREAS

ATTACHMENT #1

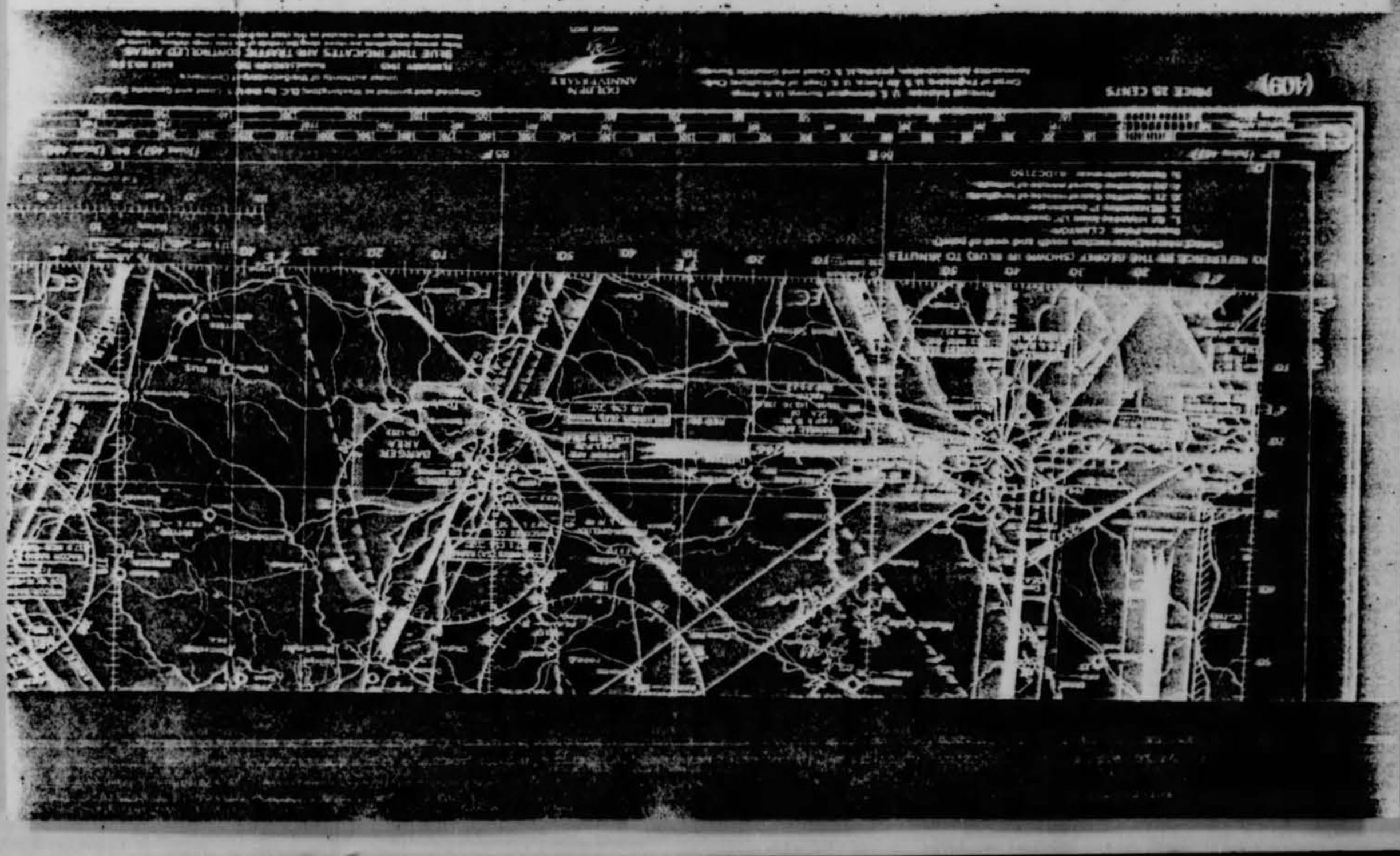


AF60956

U-57,941


(409) GREAT SMOKY MTS
ELEVATIONS IN FEET
WORLD AER
FG
FG
FD


NAUTICAL CHART
HG
HF
HE
JE
HD



AF FORM 112—PART I
APPROVED 1 JUNE 1948

(CLASSIFICATION)

COUNTRY	REPORT NO.	(LEAVE BLANK)
U.S.A.	TAC IR 1-54	

AIR INTELLIGENCE INFORMATION REPORT

SUBJECT
UFOB

AREA REPORTED ON	FROM (Agency)
Greenville, South Carolina	Hq 63d TC Grp (H), DAFB, Greenville, S.C.

DATE OF REPORT	DATE OF INFORMATION	EVALUATION
26 February 1954	15 February 1954	C 2

PREPARED BY (Officer)	SOURCE
Captain Joseph C. Sheelar, USAF, Int Off	Interrogation of the observer.

REFERENCES (Control number, directive, previous report, etc., as applicable)
AFR 200-2, 200-2A

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.)

In approximately HE 3854 (GEOREF) at 1602002Feb54, Mrs. [redacted] saw "a solid ball with twin parallel tails", brilliant orange in color, darting across the sky. Length of observation was approximately ten seconds.

Due to coincidence of sighting report by an AC&W unit in this area, at approximately the same time, this report could possibly be true.

JOSEPH C. SHEELAR
Capt., USAF
Intelligence Officer

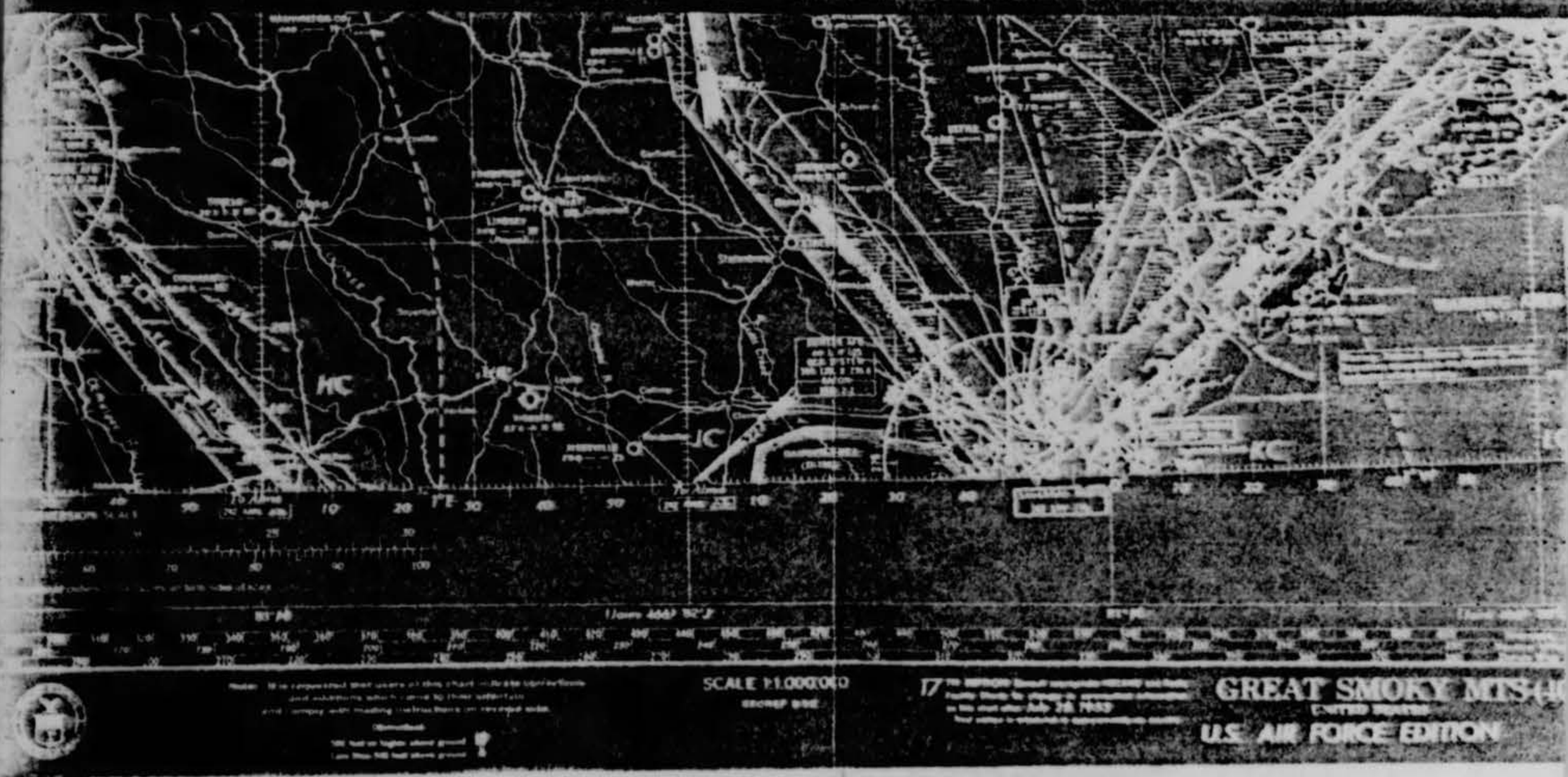
LIBRARY SUBJECT & AREA CODES

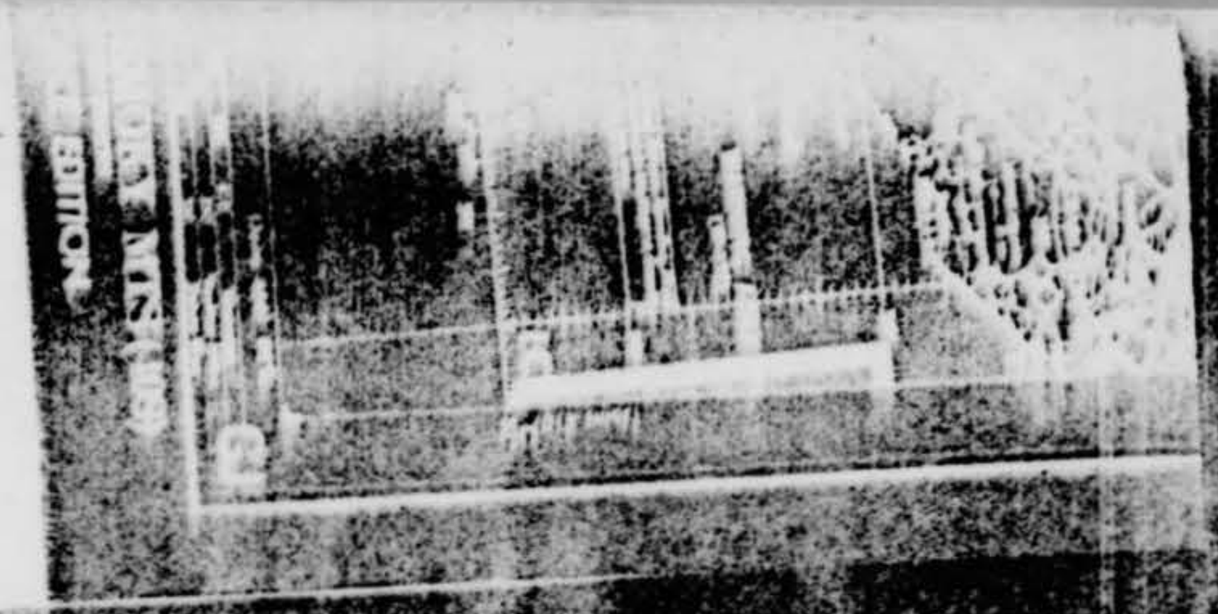
2 INCLS
Att #1 Sketch
WAC 409 (Annotated).

2 incls (A+B)

DISTRIBUTION BY ORIGINATOR
1 cy D/I, Hq USAF, Washington 25, D.C.
1 cy on file Int Section, Hq 63d Trp Car Gp (H), DAFB, Greenville, S.C.

ATIC 17125


SCALE 1:1,000,000
GREAT SMOKY MTS
U.S. AIR FORCE EDITION


NOTIBE
BRITISH MUSEUM

PROJECT 10073 RECORD

1. DATE - TIME GROUP 15 February 1954 16/0315Z(Night)	**2. LOCATION** Greenville, North Carolina
3. SOURCE Military	**10. CONCLUSION** Other: Radar Reflection
4. NUMBER OF OBJECTS 1	
5. LENGTH OF OBSERVATION 21 Minutes	**11. BRIEF SUMMARY AND ANALYSIS** Object as large as a/c
6. TYPE OF OBSERVATION Air Radar	
7. COURSE	
8. PHOTOS ☐ Yes ☒ No	
9. PHYSICAL EVIDENCE ☐ Yes ☒ No	

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

AF FORM 192—PART I
APPROVED 1 JUNE 1948

[redacted]

UNCLASSIFIED

COUNTRY	REPORT NO.	(LIBRARY NUMBER)
U. S. A.	TAC IR 2-54	AF 609540

AIR INTELLIGENCE INFORMATION REPORT

SUBJECT
UFOB

AREA REPORTED ON	FROM (Agency)
Greenville, South Carolina	Hq 63d TC Gp (H), DAFB, Greenville, S. C.

DATE OF REPORT	DATE OF INFORMATION	EVALUATION
26 February 1954	15 February 1954	A 2

PREPARED BY (Officer)	SOURCE
Captain Joseph C. Sheelar, USAF, Int Off	Interrogation of the observer

REFERENCES (Control number, directive, previous report, etc., as applicable)
AFR 200-2, 200-2A

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 119—Part II.)

In HE 3946 (GEOREF) at 160315ZFeb54 to 160336ZFeb54, AC&W operator, S/Sgt K. A. Payne, did during the performance of his duties pick up and track an unknown target, which traveled at a very high rate of speed and violated the boundaries of a prohibited area.

LIBRARY SUBJECT & AREA CODES

JOSEPH C. SHEELAR
Capt., USAF
Intelligence Officer

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

1 VOLS.
WA 409 (Annotated)

DISTRIBUTION BY ORIGINATOR:
1 cy D/I, Hq USAF, Washington 25, DC
1 cy on file Int section, Hq 63d Trp Carr Gp (H), DAFB, Greenville, S. C.

[redacted]

AUC 12167

AIR INTELLIGENCE INFORMATION REPORT

FROM (Agency)	REPORT NO.	
Hq 63FC Gp, DAFB Greenville, South Carolina	TAC IR 2-54	PAGE 2 OF 4 PAGES

1. Description of object limited due to limitations of radarscope.

a. Shape: Unknown.

b. Size: Gave large "blip" return on scope.

c. Color: N/A.

d. Number: "Blip" was large enough to be interpreted as two aircraft.

e. Formation: If more than one object, they were flying very close together.

f. N/A.

g. N/A.

h. N/A.

i. Object traveled at high rate of speed.

2. Description of course of object:

a. Observer's attention called to object during course of duty, as the set picks up all "blips" within 360° of the station.

b. Object was 22,000 feet, at an azimuth of 203° from DAFB when first observed.

c. Object was 22,000 feet, at an azimuth of 110° from DAFB when it disappeared.

d. Type of maneuvers unknown; refer to WAC 409, enclosed, for a graphic description of the object's flight path.

e. Faded from scope.

f. 21 Minutes.

3. Manner of Observation:

a. Ground-electronic (radar)(MPS-7).

b. Negative other optical aids used.

c. N/A

4. Time and date of sighting:

a. 160315ZFeb54 to 160336ZFeb 54.

b. Slight light conditions.

5. GEOREF location of observer is HE 3946.

AIR INTELLIGENCE INFORMATION REPORT

FROM (Agency)	REPORT NO.	
Hq 63d TC Gp (H), DAFB Greenville, South Carolina	TAC IR 2-54	PAGE 3 OF 4 PAGES

6. Identifying information:

NAME: K. A. Payne AGE: 23

GRADE: S Sgt

ORGANIZATION: 728th AC&W Sq, 507th T. C. Gp., DAFB, SC.

Duty: AC&W operator.

Estimate of reliability: Good. No question.

7. Weather and winds aloft conditions at time and place of sighting:

a. Observer said clear moonlit night.

b.

	Wind Direction	Velocity
Surface	225°	5K
6,000	230°	20K
12,000	220°	25K
16,000	240°	20K
20,000	200°	15K
30,000	270°	40K
40,000	300°	40K
80,000	Unknown	

c. Ceiling: 12,000' scattered, 25,000' thin scattered.

d. Visibility: 10 Miles.

e. Amount of cloud cover: 1/10 alto cumulus; 4/10 cirrus.

f. Negative thunderstorms in area and quadrant in which located.

8. There were negative weather balloons, unusual activities or conditions meteorological, astronomical, or otherwise, which might account for sighting.

9. Physical evidence of the sighting in the form of Observer's logs, are on record in the file of 728th A.C.&W. Sqdn., DAFB, SC.

10. Action taken:

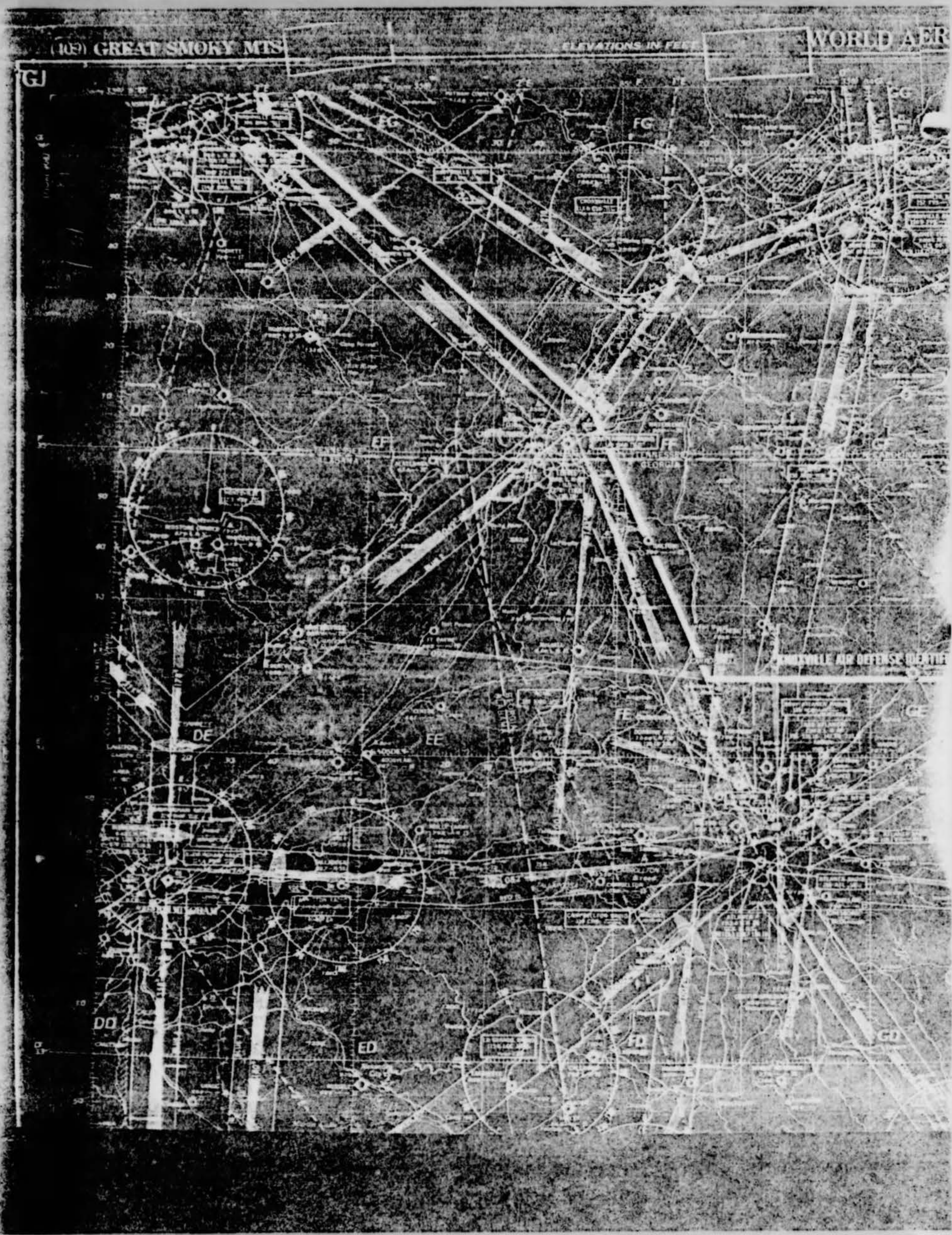
a. Negative action taken initiate interception for the following reasons:

(1) Outfit had just set up on base; didn't have an IFF unit in operation to check identity of target.

(2) There were negative intercept aircraft in the area that could be effectively scrambled against the target.

(3) There were negative air defense directives stating that aircraft should be scrambled.

this case includes
two (2) Aeronautical charts


(109) GREAT SMOKY MTS
ELEVATIONS IN FEET
WORLD AER
GJ
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EE
DD
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CD

[redacted]

(4)

AIR INTELLIGENCE INFORMATION REPORT

FROM (Agency)	REPORT NO.	
Hq. 63d TRP CARR GP, DAFB Greenville, South Carolina	TAC AIR 2-54	PAGE 4 OF 4 PAGES

b. Target was flying in a prohibited area, and Pope AFB called the 728th AC&W Sq. in relation to the same track.

11. There were negative aircraft in the area except the following: At 2215E, the observer picked up a "blip" flying airways from Columbia Airport S. C. to Augusta, Georgia. "Blip" traveling approximately 220-230 knots, at an elevation of 7,000 feet. The track of this "blip" and the track of the unidentified object merged at 2225-2226E.

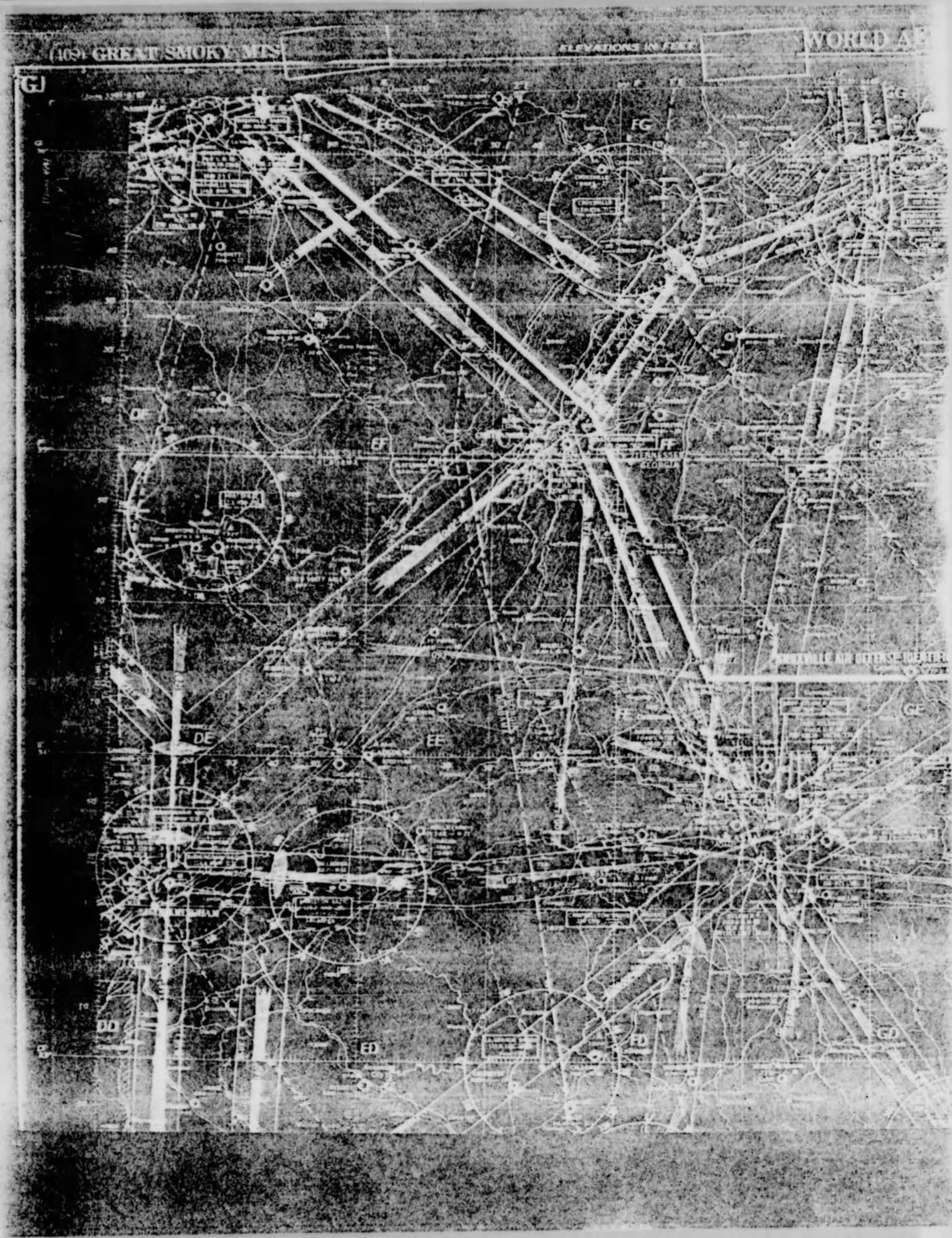
12. Preparing Officer: Captain Joseph C. Sheelar

Position title: 63d T. C. Gp. Intelligence Officer.

Preliminary analysis of the possible cause of the sighting:

The primary cause of the sighting was through the normal duties as a radar operator in the AC&W Sq. All sightings are kept on log and this report was logged as routine but was called in when unusual performance was noted.

Comments: Sightings were reported on 15 February 1954 but notification of such was forward to our department at 1630 on 23 February 1954. Thoroughness of investigation was limited due to the length of time between sightings and notification to our department of same.


(409) GREAT SMOKY MTS
WORLD A
GJ
FG
DE
EE
CE
DD
ED

AIR INTELLIGENCE INFORMATION REPORT

FROM (Agency)	REPORT NO.	
Hq 63d TC Gp (H), DAFB, Greenville, South Carolina	TAC IR.1-54	PAGE 2 OF 4. PAGES

1. Description of the object:

a. Solid ball with twin parallel "tails". (see Attachment #1)

b. About size of a tea-cup saucer approximately 3½ in. in diameter.

c. Brilliant orange color.

d. One (1) object.

e. N/A

f. Negative.

g. Two (2) parallel, heavy propellent streams or "tails" observed. Length of the tails approximately 3 to 4 times diameter of object. Width of each tail approximately ¼ diameter of object.

h. Negative sound heard.

i. "Tails" remained constant in width and length, and appeared to have the characteristic breakup of a jet propellent stream only at the extreme end of the "tails".

2. Description of course of object:

a. Woman was scanning sky for pilot husband possibly returning from night flight. Brilliant color flash of tails, plus outline of the object in the clear moonlight, caused closer attention by the observer.

b. Angle of elevation unknown, and azimuth approximately 058° when first observed.

c. Angle of elevation slightly higher although still unknown, and azimuth still approximately 058° upon disappearance.

d. Negative definite maneuvers observed, but flight path of the object consisted of darting movement, rather than a steady course as conventional aircraft would fly.

e. Object disappeared from observer's sight when she turned to call her friend's attention to the object. Turning back, neither she nor her friend could observe the object in sight.

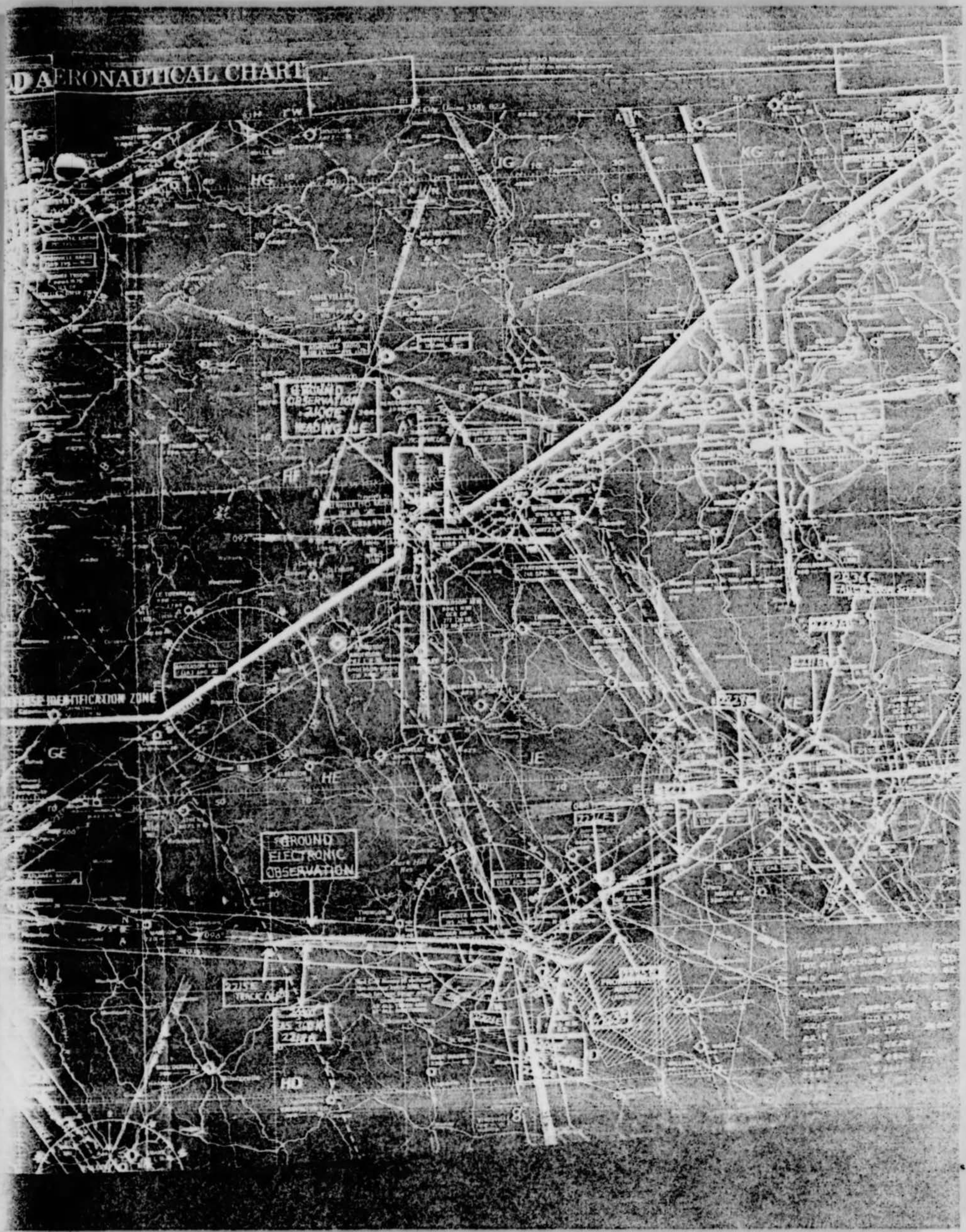
f. Length of time in sight was approximately ten (10) seconds.

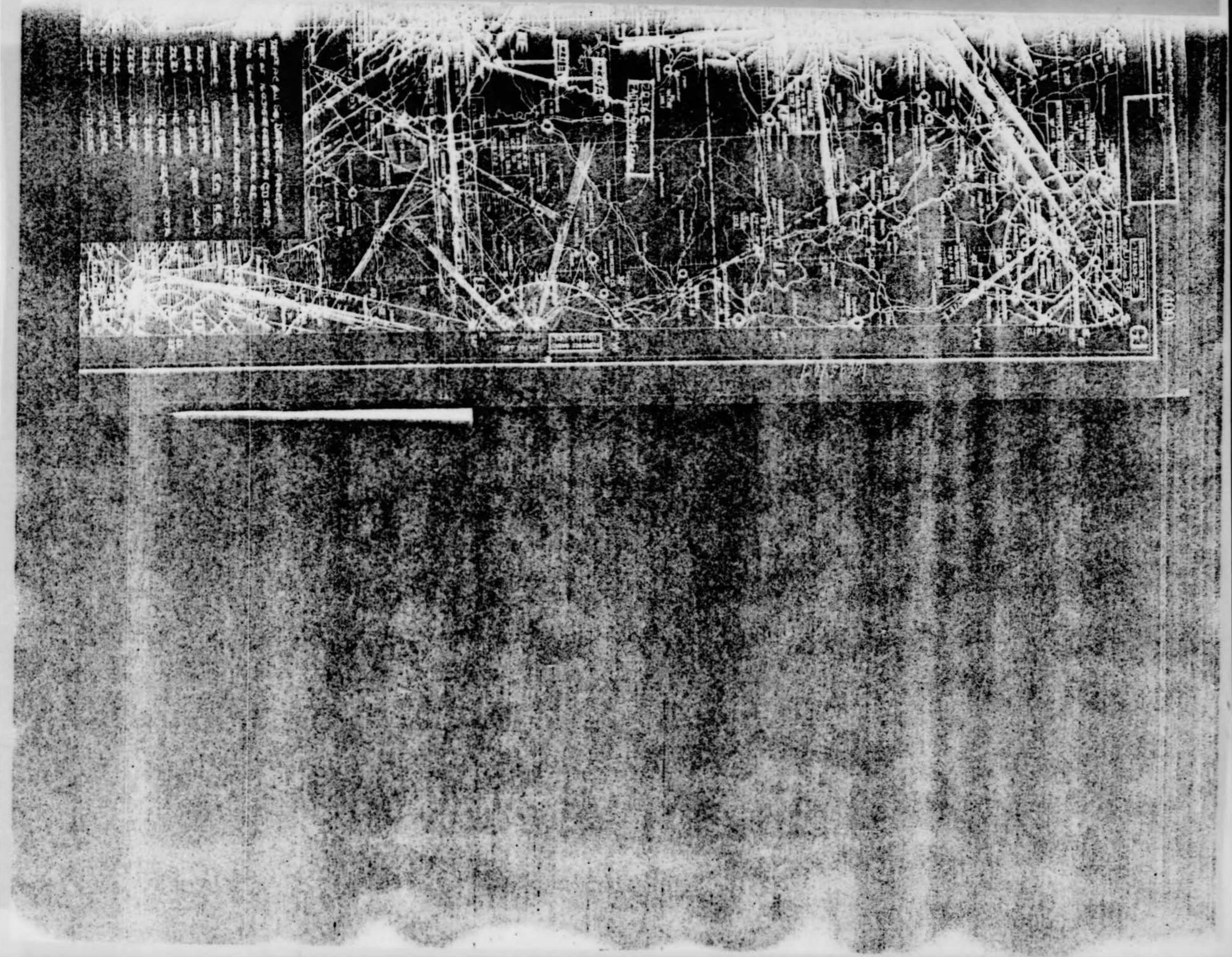
3. Manner of observation:

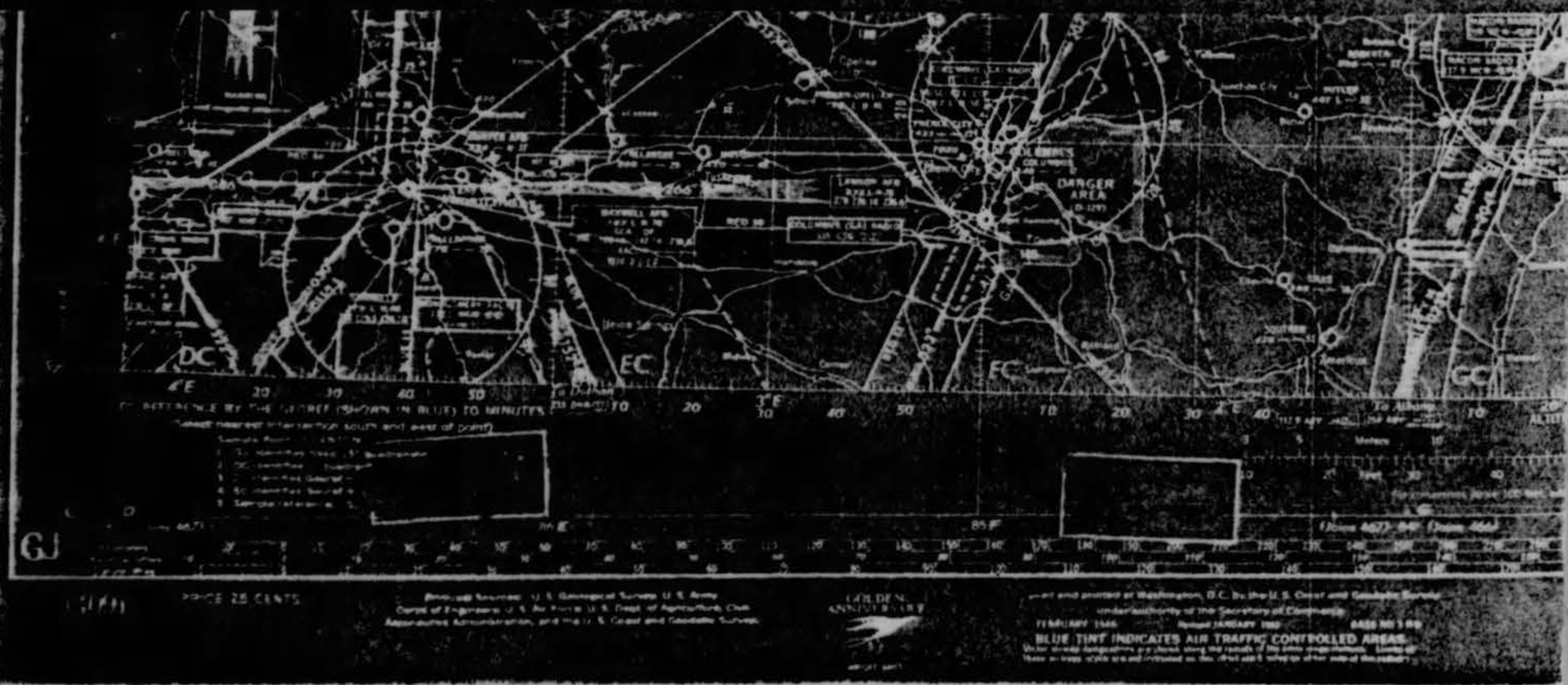
a. Ground-visual.

b. Negative optical aids used.

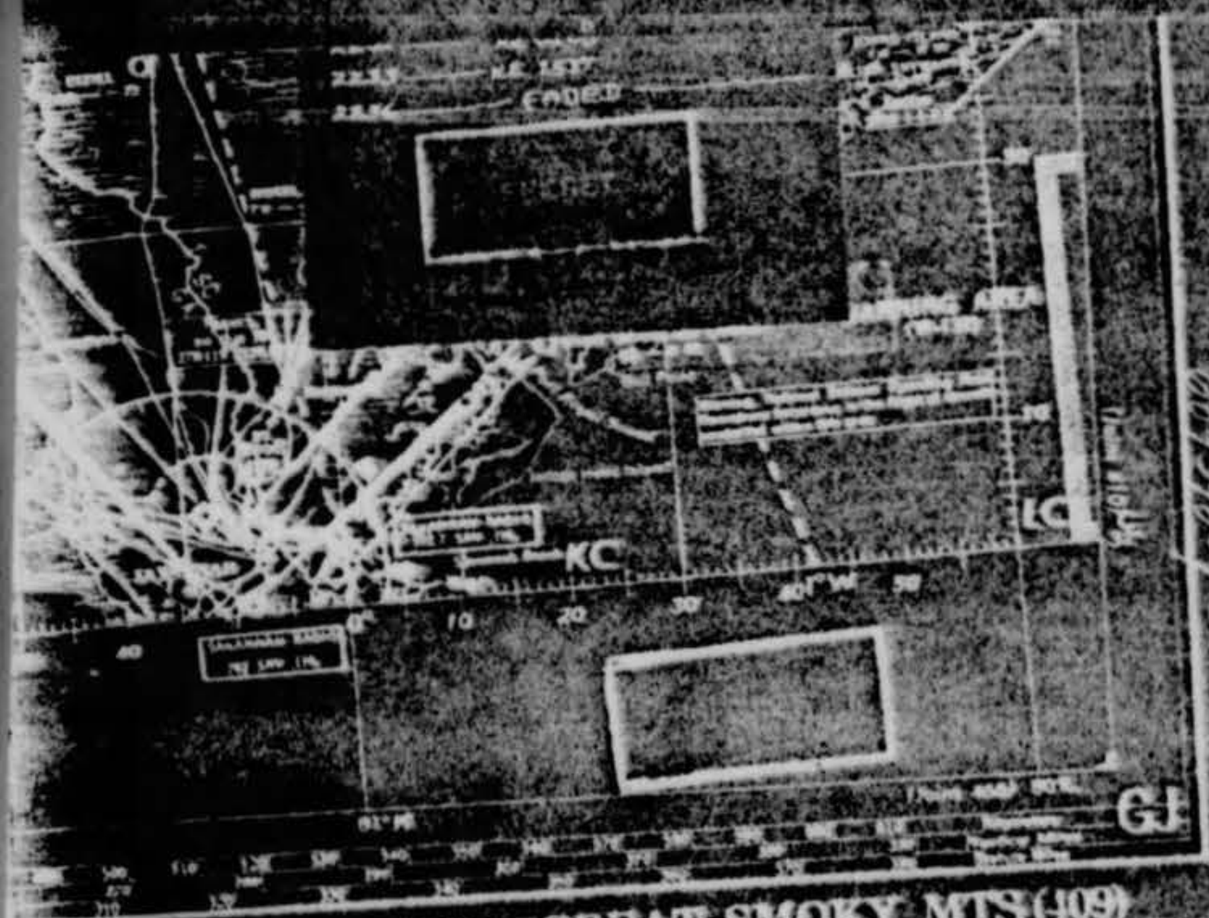
c. N/A.


D AERONAUTICAL CHART
GROUND
ELECTRONIC
OBSERVATION
IDENTIFICATION ZONE




DANGER AREA
DC
EC
FC
GC
GJ
PRICE 25 CENTS
GOLDEN ANNIVERSARY
BLUE TINT INDICATES AIR TRAFFIC CONTROLLED AREAS.


HC
JC
KC
GC
Statesboro
SCALE 1:1,000,000
U.S.



GREAT SMOKY MTS (409)
UNITED STATES
U.S. AIR FORCE EDITION

AERONAUTICAL CHART SUPPLY

CIVIL CHART SUPPLY

MILITARY CHART SUPPLY

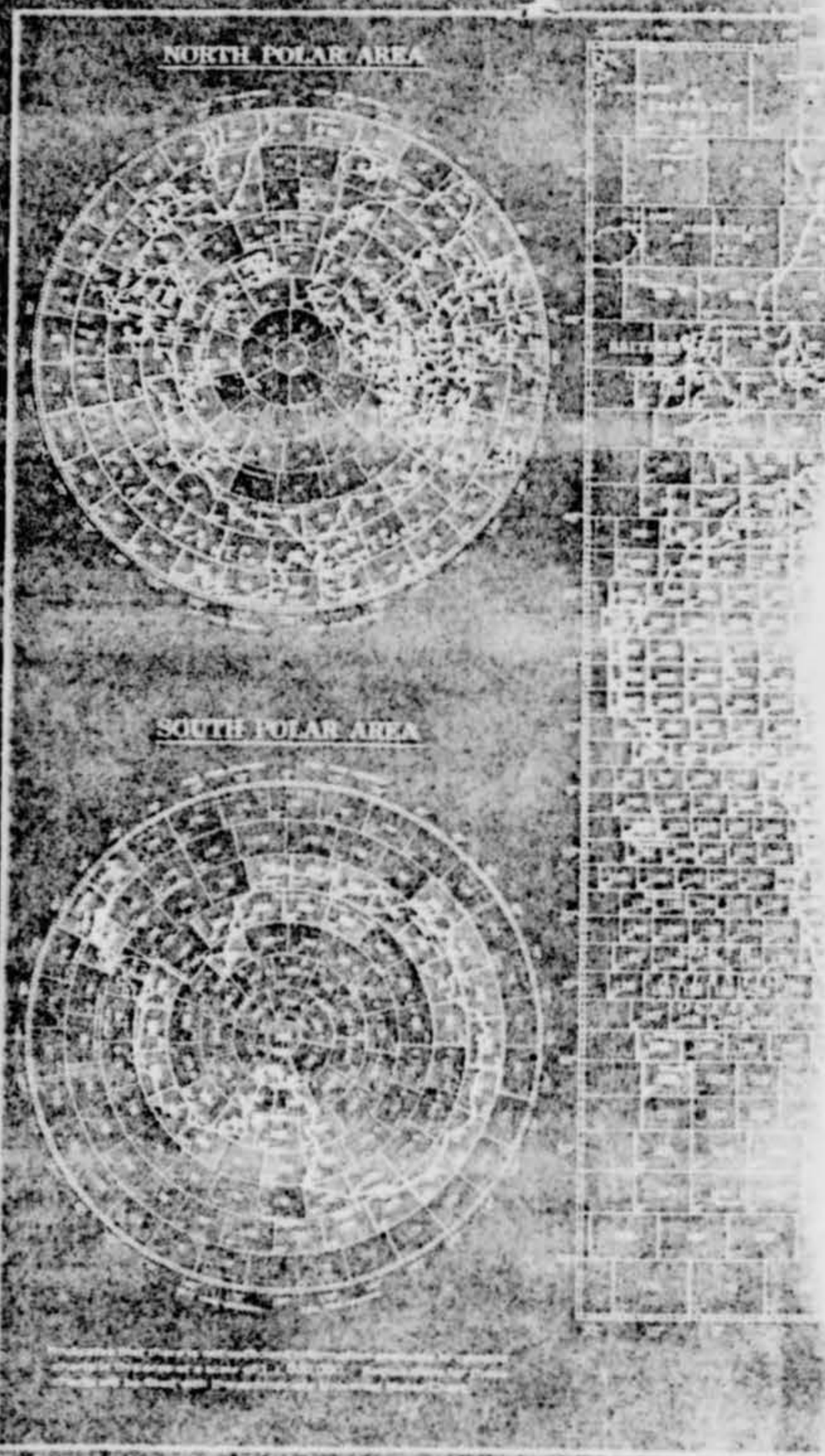
CORRECTION INSTRUCTIONS

FROM

PENALTY FOR PRIVATE USE TO AVOID PAYMENT OF POSTAGE, $300

OFFICIAL BUSINESS
PERMIT NO. 1066

To:
The Director
U.S. Coast and Geodetic Survey
Washington, 25, D.C.



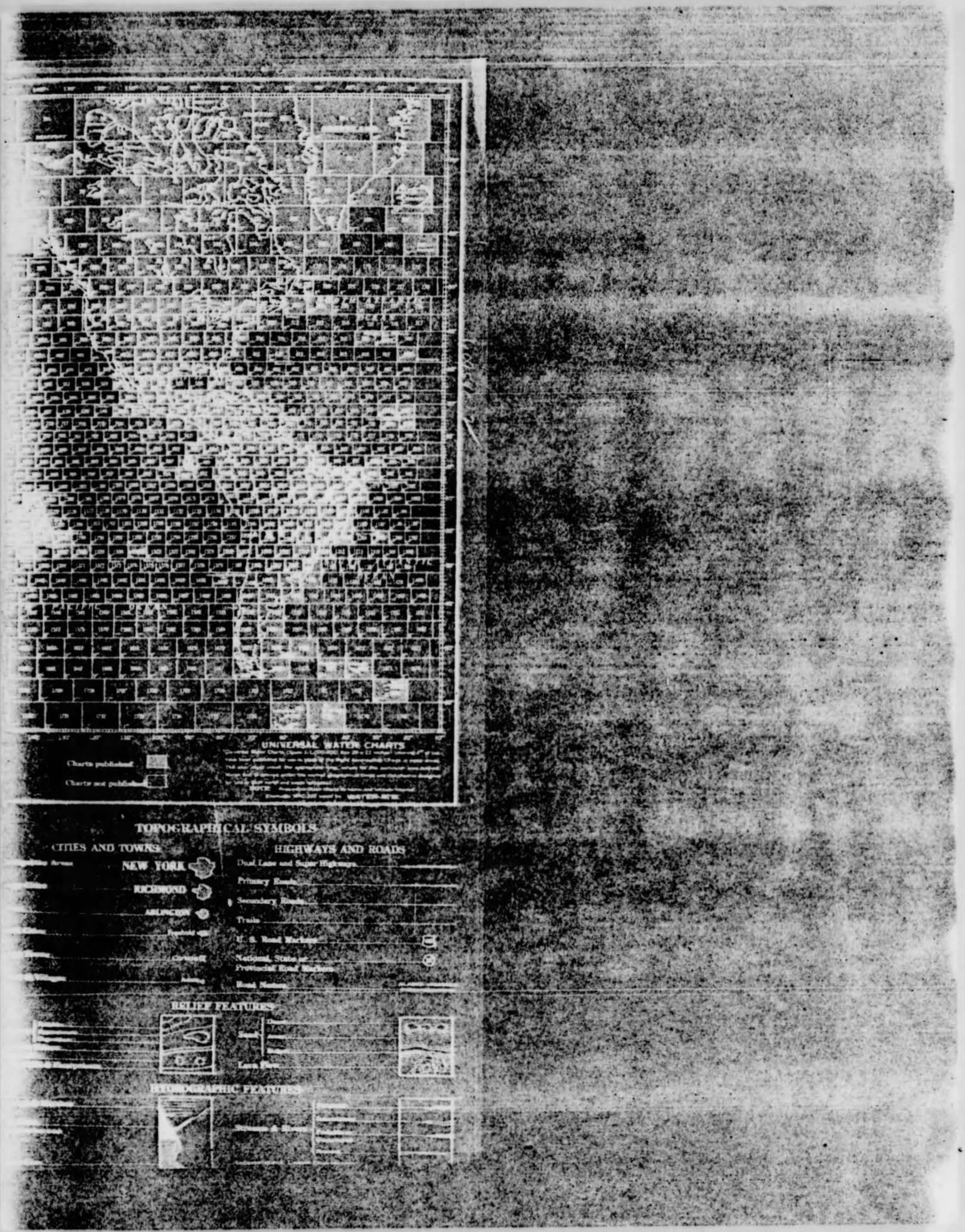
AERONAUTICAL SYMBOLS

AERODROMES

AERODROME DATA AND LANDING FACILITIES INFORMATION

AIR NAVIGATION LIGHTS


WORLD AERONAUTICAL CHART INDEX
Scale of Series 1:1,000,000
AERONAUTICAL SYMBOLS
RADIO FACILITIES
Radio Range
Radio Range
Nondirectional Radiobeacon
Nondirectional Radiobeacon
Marine Radiobeacon
Radio Direction Finder
Radio Direction Finder
Radio Communication Station
Radio Communication Station
Radio Broadcasting Station
Radio Beacon
Radio Fan Marker Beacon
Landing Area
Seaplane Anchorage
CITIES AND TOWNS
NEW YORK
RICHMOND
MUNICH
TOPOGRAPHICAL SYM
HYDROGRAPHIC FEAT


UNIVERSAL WATER CHARTS
Charts published
Charts not published
TOPOGRAPHICAL SYMBOLS
CITIES AND TOWNS
NEW YORK
RICHMOND
ARLINGTON
HIGHWAYS AND ROADS
Dual Lane and Super Highways
Primary Roads
Secondary Roads
Trails
U. S. Road Markers
National, State or Provincial Road Markers
Road Numbers
RELIEF FEATURES
Sand
Lava Flow
HYDROGRAPHIC FEATURES
Streams & Rivers

U.S. DANGER AREAS ON WORLD AERONAUTICAL CHART 409

NAME	ACTIVITY	USING AGENCY	ALTITUDE	TIME
[illegible]	Research and Development	U.S. Atomic Energy Commission	Unltd.	Unltd.
[illegible]	[illegible] Rocket Firing	Dept. of Army, Redstone Arsenal, Ala.	Unltd.	Unltd.
[illegible]	[illegible]	NAS Atlanta, Ga.	Above 1,500	[illegible]
[illegible]	[illegible] Artillery and [illegible] Firing	Fort Jackson, S.C.	To 40,000	Unltd.
[illegible]	[illegible] Training	Craig AFB, Selma, Ala.	To 15,000	VFR [illegible]
[illegible]	[illegible] Training	Craig AFB, Selma, Ala.	Unltd.	VFR [illegible]
[illegible]	[illegible] Artillery Firing	Dept. of Army, Camp Gordon, Augusta, Ga.	[illegible]	[illegible]
[illegible]	[illegible] & Artillery Firing	[illegible] Fort Benning, Ga.	[illegible]	Unltd.
[illegible]	[illegible] Firing	3rd Army, Ft. McClellan, Ala.	[illegible]	Unltd.
[illegible]	[illegible] Firing	3rd Army, Ft. McClellan, Ala.	[illegible]	Unltd.
[illegible]	[illegible] & Surface Firing at Towed Surface Targets	Dept. of Navy, Atlantic Fleet Mine Force, Charleston, S.C.	[illegible]	Unltd.
[illegible]	[illegible] Firing	3rd Army and Nat'l Guard Units	[illegible]	Unltd.
[illegible]	[illegible] and Formation Flying	NAS Birmingham, [illegible] Reserve Training Center & Alabama Air Nat'l Guard	[illegible]	[illegible]
[illegible]		U.S. Atomic Energy Commission	Unltd.	Unltd.
[illegible]	[illegible] Bombing & [illegible]	Shaw AFB, S.C.	[illegible]	[illegible]
[illegible]	Small Arms & [illegible] Firing	Dept. of Army, Camp Gordon, Augusta, Ga.	Unltd.	Unltd.

[illegible] C Caution D Danger W Warning

Rotating Light [illegible]

Rotating Light [illegible]

Flashing Light

Lightship

Marine Light

F—Fixed Qk F—Quick Flashing Occ—Occulting [illegible]

Fl—Flashing Int Qk Fl—Interrupted Quick Flashing Alt—Alternating [illegible]

Marine lights are white unless colors are indicated; [illegible]

MISCELLANEOUS

Obstruction, less than 500 feet above ground

Obstruction, 500 feet or higher above ground
(Numerals indicate elevation above sea level of top)

Group Obstruction

Prominent Transmission Line

Mooring Mast

Isogonic Line
Values for 1950

Reporting Point (Compulsory)

Reporting Point (Noncompulsory)

Ocean Station Vessel [illegible]

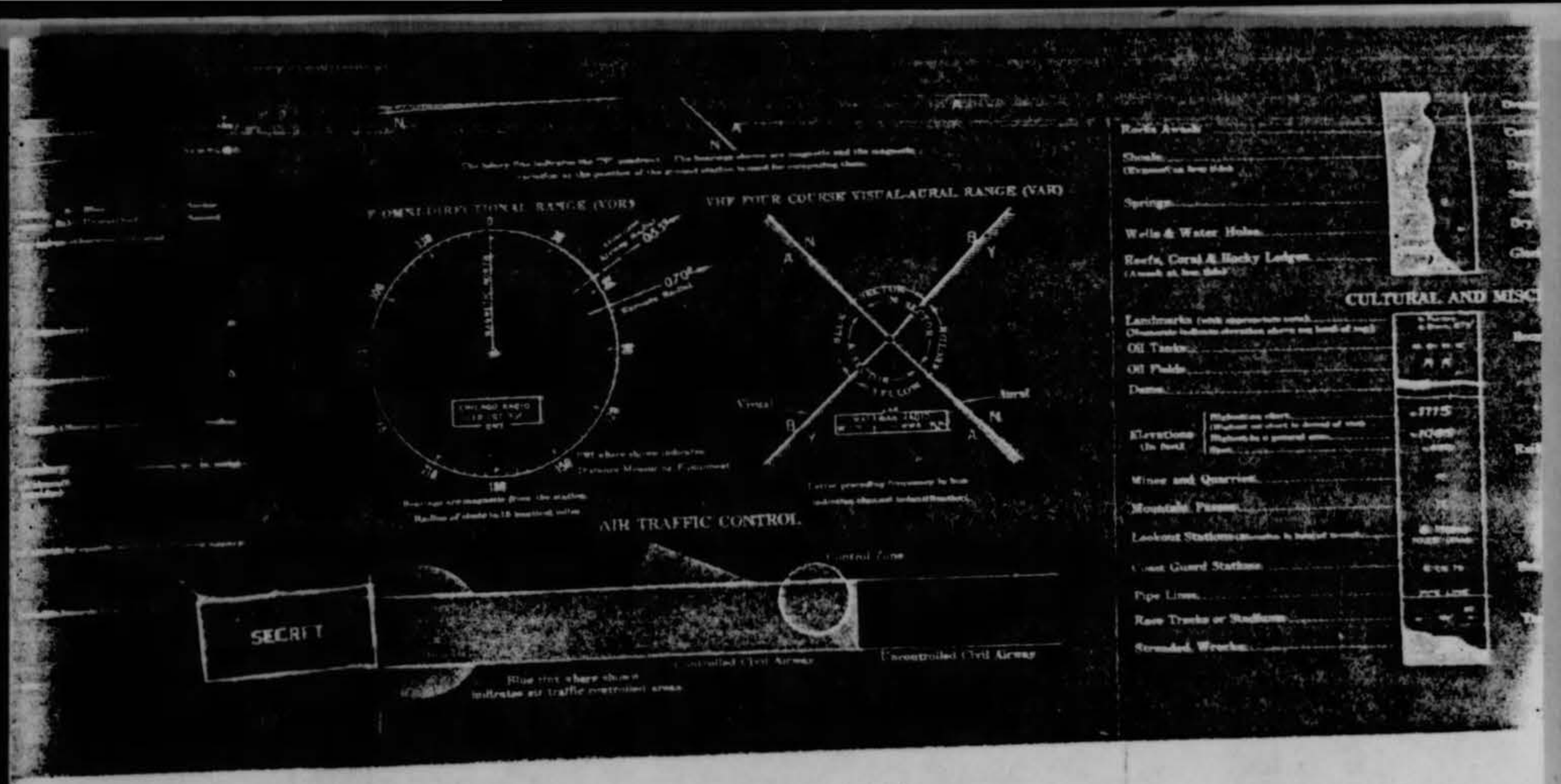
International Boundary
[illegible]

Restricted areas are numbered, and are indicated on the charts as follows:

Prohibited Area— Flight of aircraft prohibited except by specific authority [illegible]

Danger, Restricted or Warning Area— [illegible]

Caution Area— [illegible]


VHF FOUR COURSE VISUAL-AURAL RANGE (VAR)
AIR TRAFFIC CONTROL
SECRET
Controlled Civil Airway
Uncontrolled Civil Airway
Springs
Wells & Water Holes
Reefs, Coral & Rocky Ledges
CULTURAL AND MISC
Oil Tanks
Oil Fields
Mines and Quarries
Mountain Passes
Lookout Stations
Coast Guard Stations
Pipe Lines
Race Tracks or Stadiums
Stranded Wrecks

AIR INTELLIGENCE INFORMATION REPORT

FROM (Agency)	REPORT NO.	
Hq 63d TC Gp (H), DAFB, Greenville, South Carolina	TAC IIR 1-54	PAGE 3. OF 4. PAGES

4. Time and date of sighting:

a. 160200ZFeb54.

b. Night conditions.

5. Georef location of the observer was approximately HE 3854. (refer to WAC 409 inclosed.)

6. Identifying information:

Name: Mrs. Marylyn R. Kunkel Age: 30

Mailing address: Donaldson AFB, S.C.

Occupation: Housewife (Wife of Colonel [redacted], USAF, [redacted] (M), DAFB, S.C.)

Estimation of reliability: In distances - poor
Colors and shapes - accurate
Veracity - unquestionable

7. Weather and winds aloft conditions at time and place of sighting:

a. Observer said night was clear except for a few scud clouds and some very low clouds on the horizon. Almost a full moon.

b.

	Wind Direction	Velocity
Surface	180°	5K
6,000'	230°	20K
12,000'	220°	25K
16,000'	240°	20K
20,000'	200°	15K
30,000'	270°	40K
40,000'	300°	40K
50,000'	Unknown	

c. Ceiling: 25,000' scattered.

d. Visibility: 10 miles.

e. Amount of cloud cover: 2/10 cirrus.

f. Negative thunderstorms in area and quadrant in which located.

8. There were negative weather balloons, unusual activities, or conditions meteorological, astronomical, or otherwise, which might account for the sighting.

9. The observer has negative physical evidence of the sighting.

10. N/A.

Springs

Wells & Water Holes

Rocks, Coral & Rocky Ledges

Drainage Divides

Canals

Dry Lake Beds

Sand Deposits in river beds

Dry Washes (no water)

Glaciers and Ice Caps

CULTURAL AND MISCELLANEOUS

Landmarks

Oil Tanks

Oil Fields

Dams

Elevations

Mines and Quarries

Monument Peaks

Landmark Stations

Coast Guard Stations

Pipe Lines

Bore Tracks or Stations

Stranded Wrecks

Railroads

Roads

Bridges

Tunnels

AIR INTELLIGENCE INFORMATION REPORT

FROM (Agency)	REPORT NO.	
Hq 63d TC Gp (H), DAFB, Greenville, South Carolina	TAC IR.1-54	PAGE 2 OF 4. PAGES

1. Description of the object:

a. Solid ball with twin parallel "tails". (see Attachment #1)

b. About size of a tea-cup saucer approximately 3½ in. in diameter.

c. Brilliant orange color.

d. One (1) object.

e. N/A

f. Negative.

g. Two (2) parallel, heavy propellent streams or "tails" observed. Length of the tails approximately 3 to 4 times diameter of object. Width of each tail approximately ¼ diameter of object.

h. Negative sound heard.

i. "Tails" remained constant in width and length, and appeared to have the characteristic breakup of a jet propellent stream only at the extreme end of the "tails".

2. Description of course of object:

a. Woman was scanning sky for pilot husband possibly returning from night flight. Brilliant color flash of tails, plus outline of the object in the clear moonlight, caused closer attention by the observer.

b. Angle of elevation unknown, and azimuth approximately 058° when first observed.

c. Angle of elevation slightly higher although still unknown, and azimuth still approximately 058° upon disappearance.

d. Negative definite maneuvers observed, but flight path of the object consisted of darting movement, rather than a steady course as conventional aircraft would fly.

e. Object disappeared from observer's sight when she turned to call her friend's attention to the object. Turning back, neither she nor her friend could observe the object in sight.

f. Length of time in sight was approximately ten (10) seconds.

3. Manner of observation:

a. Ground-visual.

b. Negative optical aids used.

c. N/A.

AIR INTELLIGENCE INFORMATION REPORT

FROM (Agency)	REPORT NO.	
Hq 63d TC Gp (H), DAFB, Greenville, South Carolina	TAC IR 14-54	PAGE 4. OF 4. PAGES

11. The observer saw negative other aircraft during the period of observation and afterward. Checking further, there were negative Donaldson Air Force Base aircraft in the air, in the area, at the time of the sighting.

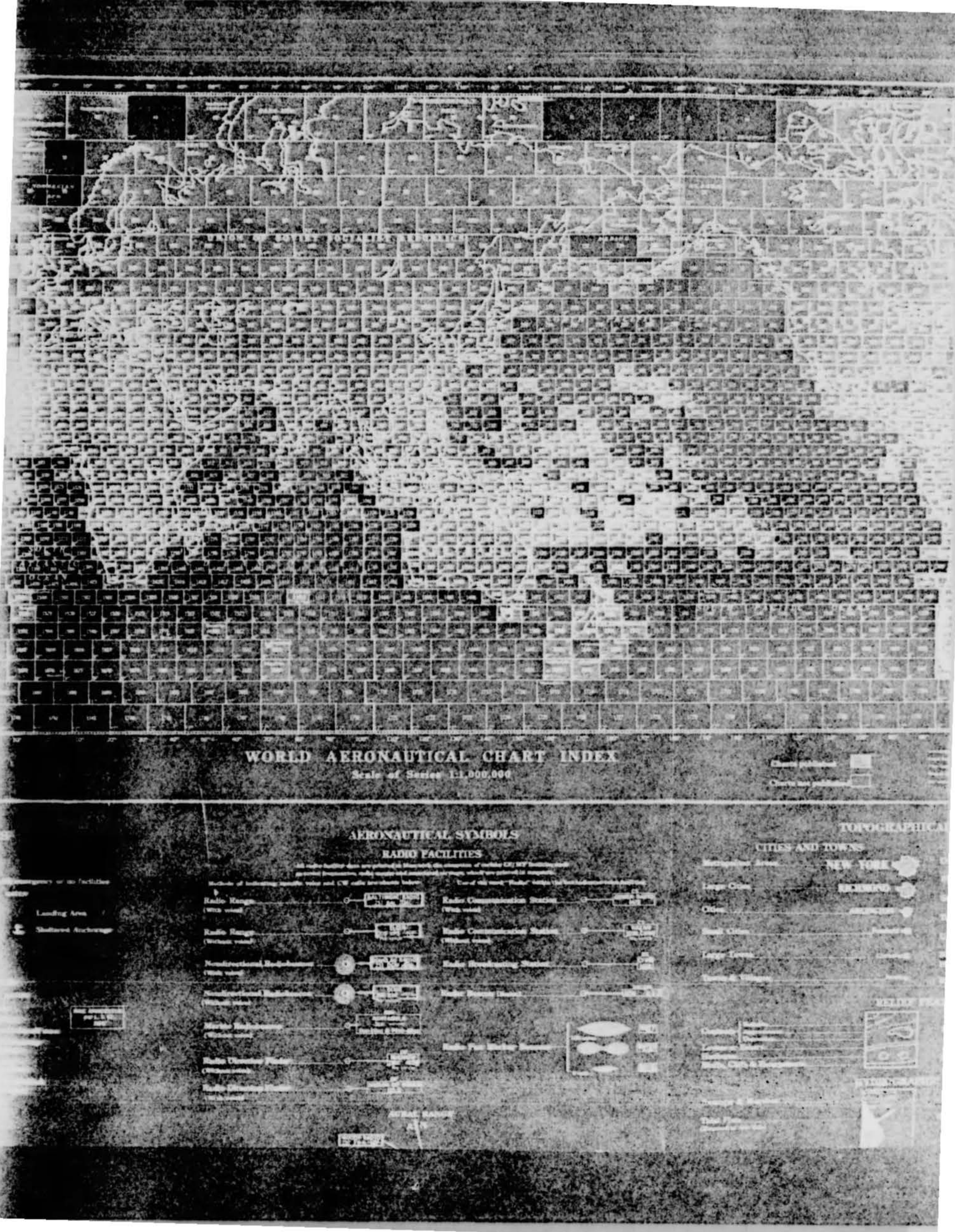
12. Preparing officer: Captain Joseph C. Sheelar

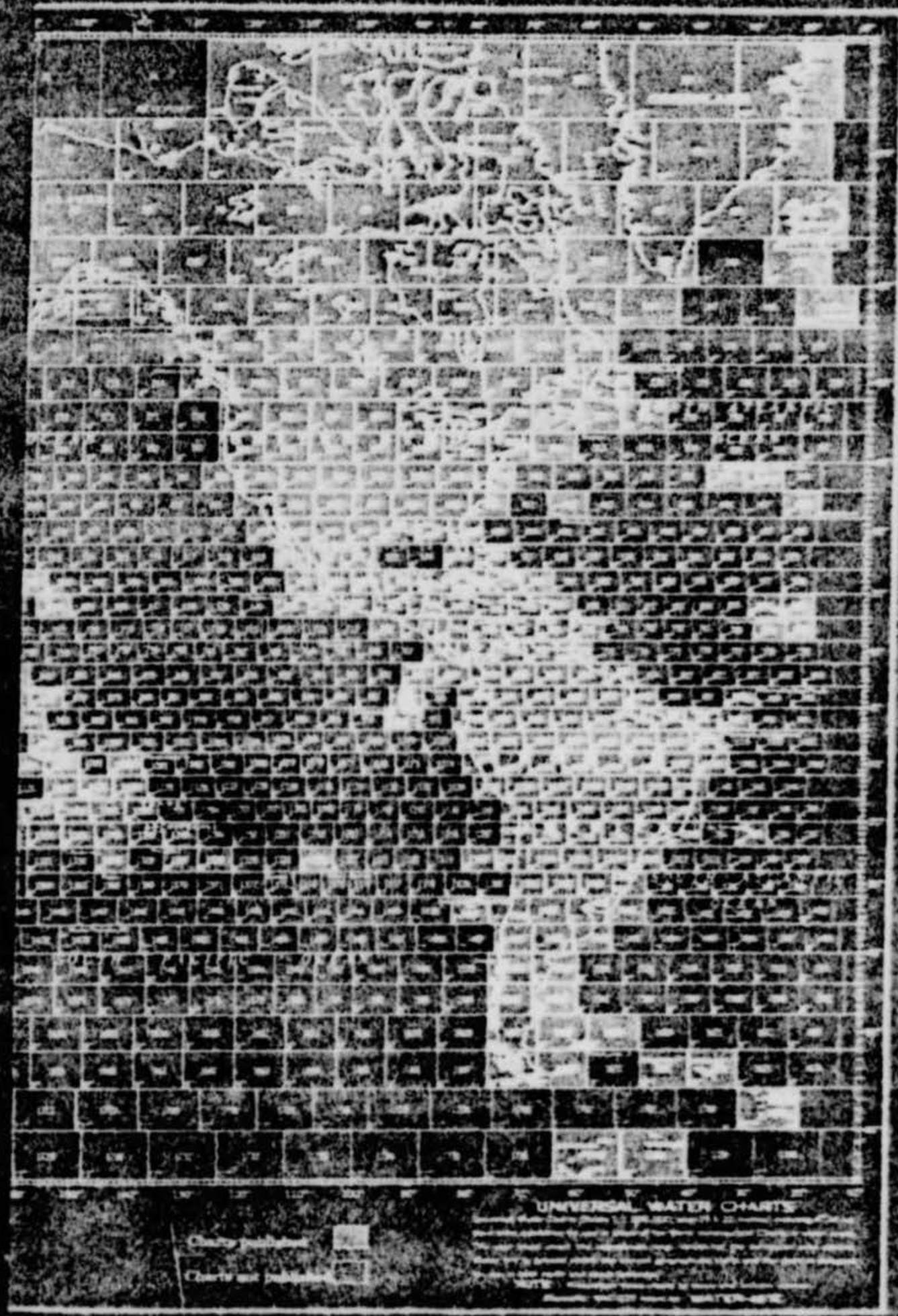
Position title: 63d T.C. Gp. Intelligence Officer

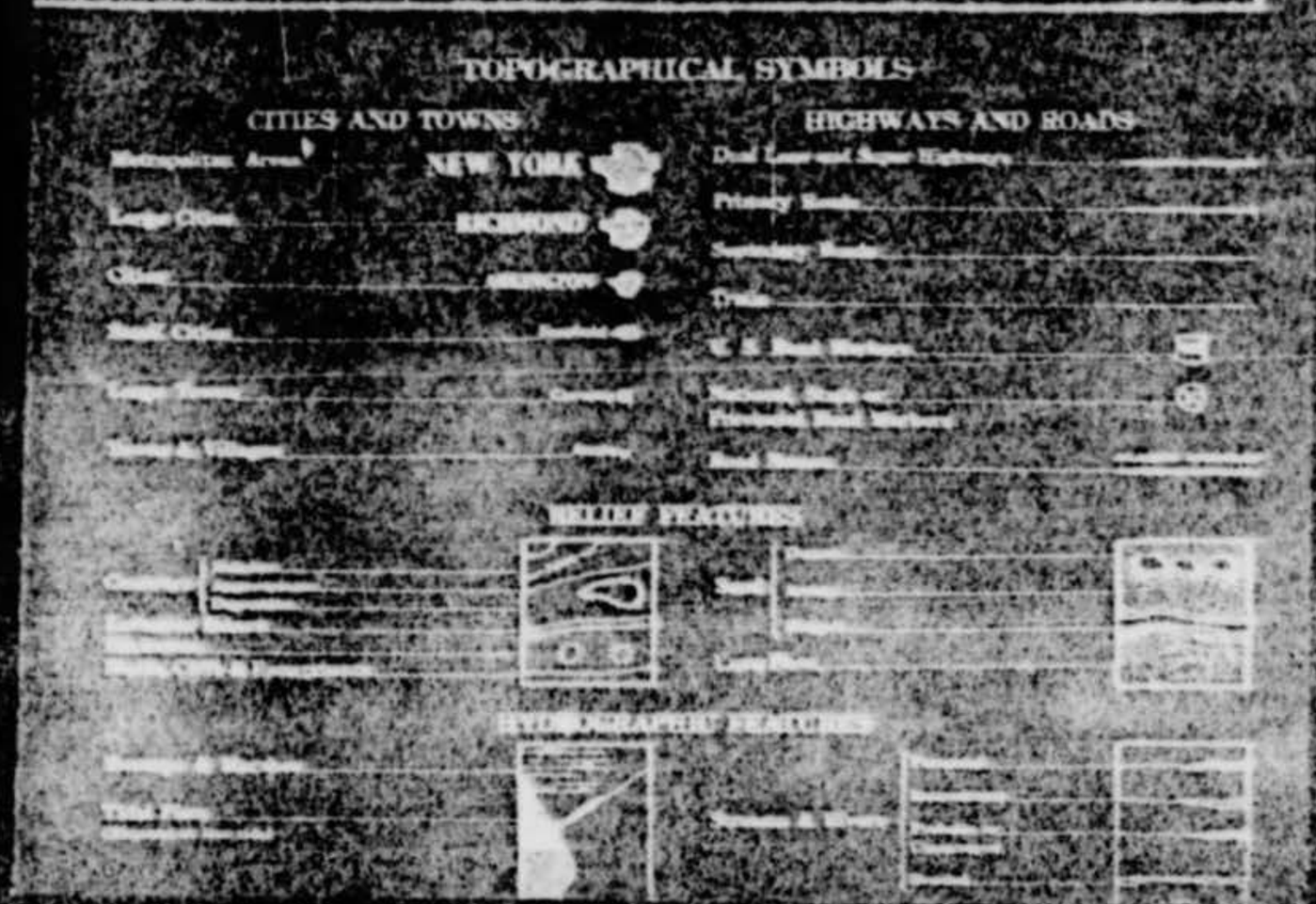
Preliminary analysis of the possible cause of the sighting: Above named person was visiting friends and at the time of the sighting was just leaving for home. Due to the clearness of the night and the full moon, the observer was looking at the sky when sighting was made. The length of time of observation precluded her getting her friends to see the object in time.

Comments: Sightings were reported on 15 February 1954 but notification of such was forwarded to our department at 1630E on 23 February 1954. Thoroughness of investigation was limited due to the length of time between sightings and notification to our department of same.

this case includes
three (3) Aeronautical charts


WORLD AERONAUTICAL CHART INDEX
Scale of Series 1:1,000,000
AERONAUTICAL SYMBOLS
RADIO FACILITIES
Radio Range
Radio Range
Radio Communication Station
Radio Communication Station
Radio Broadcasting Station
Landing Area
Shallowest Anchorage
TOPOGRAPHICAL
CITIES AND TOWNS
NEW YORK


UNIVERSAL WATER CHARTS


TOPOGRAPHICAL SYMBOLS
CITIES AND TOWNS
HIGHWAYS AND ROADS
NEW YORK
RICHMOND