PROJECT 10073 RECORD CARD

1. DATE
4 Dec 52

2. LOCATION
Congaree AFB, S.C.

3. DATE-TIME GROUP
Local 4/0612PST
GMT 4/1342Z

4. TYPE OF OBSERVATION
☐ Ground-Visual ☒ Ground-Radar
☐ Air-Visual ☐ Air-Intercept Radar

5. PHOTOS
☐ Yes
☒ No

6. SOURCE
Radar Operators

7. LENGTH OF OBSERVATION
5 minutes

8. NUMBER OF OBJECTS
One

9. COURSE

10. BRIEF SUMMARY OF INCIDENT
Object sighted 100 miles E of Congaree AFB, S.C., traveling at an estimated speed of 6000 mph. No information available as to size, shape, color aerodynamics, etc.

11. COMMENTS
See Radar Analysis

12. CONCLUSIONS
☐ Was Balloon
☐ Probably Balloon
☐ Possibly Balloon
☐ Was Aircraft
☐ Probably Aircraft
☐ Possibly Aircraft
☐ Was Astronomical
☐ Probably Astronomical
☐ Possibly Astronomical
☐ Other Radar - Interference
☒ Insufficient Data for Evaluation
☐ Unknown

ATIC FORM 329 (REV 26 SEP 52)

UNCLASSIFIED

DISPOSITION FORM

SECURITY CLASSIFICATION (If any)

[redacted]

FILE NO.	SUBJECT
	(UNCLASSIFIED) Analysis of Radar Sighting

THRU: ATIAE
TO: ATIAE-2
ATTN: Mr. James

FROM ATIAE-5

DATE 3 Feb 53

COMMENT NO. 1

Lt Olsson/jos
65365/B263/PA30

As a result of conversation with Lt R. M. Olsson, ATIAE-5, concerning an electronic sighting of a U.A.P., this section requests that you review the inclosed sighting of 4 Dec 52 from Congaree AFB, South Carolina, and submit a written opinion of its possible cause. All information available to ATIAE-5 is included in the subject incident folder with the exception of charts for temperature vs. altitude and dewpoint rates.

E J Ruppelt

1 Incl
a/s

E. J. RUPPELT, Capt, USAF
Chief, Aerial Phenomena Section
Electronics Branch
Technical Analysis Division
Air Technical Intelligence Center

If inclosure 1 Is withdrawn (or not attached), the classification of this correspondence will be downgraded to UNCL in accordance with paragraph 25E, AFR205-1.

Answer: Mr. Swanson
Insufficient info to evaluate - possible inversion interference however.

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DOD DIR [illegible]

UNCLASSIFIED

[redacted]

DD FORM 1 FEB 50 96 REPLACES NME FORM 96, 1 OCT 48, WHICH MAY BE USED 16—54801-3 U. S. GOVERNMENT PRINTING OFFICE: 1951 O - 986875

Congaree Air Force Base, South Carolina 4 December 1952

I. Description of Incident:

One unidentified object was sighted by radar at Congaree AFB at 0342 EST by an AN/MDS-5 radar set. The sighting was strictly electronic, not visual. The object was sighted 100 miles NE of the radar site, traveling at an estimated speed of 6,000 mph with contact lasting 5 minutes. The weather at the time consisted of low stratus clouds, no precipitation, and winds NE at 5 mph.

All observers were airmen graduates of radar operator's school with between two to five years experience and considered excellent and reliable sources.

II. Discussion of Incident:

Several past radar sightings of this type have been received by ATIC and evaluated as probable interference from another radar station. This incident may fall into this category eventually in that the excessive speeds of 6,000 mph plus the object's tengency to the radar beam's sweep indicate that interference may have been present. However, not enough information has yet been gathered on local weather, temperature and moisture v.s. altitude, so this incident will be carried as unknown until such information arrives.

III. Conclusion:

Unknown

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DECLASSIFIED AFTER 12 YRS
DOD DIR 5200.10

UNCLASSIFIED

1 HTIM
2 HTIM
3 HTIM
4 C files

23

NR3313
C-1 OP IN [redacted]
FM CO 363 TAC RECON WG AT SHAW AFBSC
TO HQ USAF WASH DC DIR OF INTEL HQ USAF WASH DC
CO ATIC WP AFB OHIO ATTN FITYP -2C
CG ADC ENT AFB COLO
CG TAC LANGLEY AFB VA
INFO CG 9TH TAC AF POPE AFB SC CO 507 TAC CON GP

PARAPHASE NOT REQUIRED. SEE CRYPTO-CENTER BEFORE DECLASSIFYING

CITE ACW 0194
FLYOB RPT. IAW PAR 7C, AFL200-5, DTD 29 APR 52, FOLG INFO FWD:
1. ONE OBJECT NO DESCRIPTION AVAILABLE, SPEED ESTIMATED 6000 MPH QUARTER CIRCLE COMPLETED. 2. 0842HRS OBSERVED FOR FIVE MINUTES. 3. OBSERVED BY AN/MPS-5 RADAR SET FR GRD. 4. OBSERVED FR CONGAREE AB, SC, LAT 33 DEG 47 MIN 30 SECONDS WEST, LONG 33 DEG 56 MINUTES 00 SECONDS NORTH, OBJECT FIRST SIGHTED 35 MILES AT 054 DEGREES FR OBSERVER, OBSERVED TO 99 MILES AT 112 DEGREES FR OBSERVER ALTITUDE UNK. 5. OPERATOR STAFF SGT THOMAS, WITNESSES AMN FIRST CLASS HOPF, AMN FIRST CLASS PATEFIELD AND AMN SECOND CLASS WALIER, ALL RATED EXCELLENT ON RELIABILITY AND ALL GRADS OF RADAR OPR SCH WITH 2 TO 5 YRS EXPERIE[redacted]
6. LOW STRATUS CLOUDS, NO PRECIPITATION, WINDS NOR[redacted]
5 MPH. 7. NO CONDITIONS OBSERVED. 8. NONE. 9. NO[redacted]
10. NONE. END PRYGA FLYOBRPT

DOWNGRADED AT 3 YR INTVL
DECLASSIFIED AFTER 12 YRS
DOD DIR 5200.10

JEDWP

OPERATIONAL IMMEDIATE

UNCLASSIFIED - 19651

[redacted] (CLASSIFICATION) [redacted]

COUNTRY	REPORT NO.	(LEAVE BLANK)
United States of America		

AIR INTELLIGENCE INFORMATION REPORT

SUBJECT: Unidentified Flying Object

AREA REPORTED ON	FROM (Agency)
Congaree Air Force Base, South Carolina	727th AC&W Squadron, Shaw AFB, South Carolina

DATE OF REPORT	DATE OF INFORMATION	EVALUATION
5 December 1952	4 December 1952	B-2

PREPARED BY (Officer)	SOURCE
Paul W. Mayhew, 1st Lt., USAF	Tactical Air Direction Center, Congaree AFB

REFERENCES (Control Number, Directive, previous Reports, etc., as applicable): Not Applicable

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

In this case a summary of the following report is impossible. The report in the mostconcise form is prepared on Part II of this report.

Paul W. Mayhew

PAUL W. MAYHEW
1st Lt. USAF
Approving Officer

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DOD DIR 5200.10

5 INCLS.

Notarized Statement by S/Sgt Donald E. Thomas
Notarized Statement by A/1C Clarence W. Ives
Notarized Statement by A/1C Walter Hopf and A/2C Arthur A. Walier
Notarized Statement by A/1C Arden Patefield
Grid Map for Reference

DISTRIBUTION BY ORIGINATOR

-8 DEC 1952 15 59 Z

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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 [redacted] OF ITS CONTENTS IN ANY MANNER TO AN UNAUTHORIZED PERSON IS PROHIBITED BY LAW. IT [redacted] REPRODUCED IN WHOLE OR IN PART BY [redacted] THAN UNITED STATES AIR FORCE AGENCIES, EXCEPT BY PERMISSION OF THE DIRECTOR OF INTELLIGENCE, [redacted]

[redacted] (CLASSIFICATION) [redacted]

0-193

16—55569-3 U. S. GOVERNMENT PRINTING OFFICE

AF FO[redacted] ICLASSIFIED
APPROVE[redacted] (CLASSIFICATION) UNCLASSIFIED

AIR INTELLIGENCE INFORMATION REPORT

FROM (Agency)	REPORT NO.	
727th AC&W Squadron, Shaw AFB, S.C.		PAGE 2 OF 2 PAGES

In compliance with paragraph 7d, Air Force Letter 200-5 the following information is submitted. All information is itemized corresponding to paragraph 7c:

1. One object was sighted approximately 100 miles north east of Congaree Air Force Base, South Carolina traveling at an estimated speed of 6,000 miles per hour. The object circled the base at a radius of approximately 100 miles from 034 degrees to 112 degrees

a. No information is available as to shape, size, color, aerodynamics, trail or exhaust, propulsion system, and sound.

2. The object was sighted at 0842 zone time, contact was maintained for 0005 minutes.

3. Object was observed by an AN/MPS-5 radar set.

4. The AN/MPS-5 radar set is located at Congaree AFB, S.C. The Coordinates are Lat 33 degrees 56 minutes 00 seconds, Lon 80 degrees 47 minutes 30 seconds west. The latitude reading is north. The object was first sighted 85 miles from the observer at 034 degrees and observed until it disappeared 99 miles from the base at 105 degrees. (See map as reference)

5. The radar set operator was S/Sgt Thomas and was witnessed by A/1c Walter Hopf, A/1C Arden Patefield, A/1C Clarence Ives, and A/2C Arthur Walier. These Airmen are rated excellent in regard to reliability and are graduates of radar operators school with two to five years experience.

6. The weather conditions were as follows: Low stratus clouds, no precipitation, and winds north east at 5 miles per hour.

7. No known meterorological condition existed.

8. No phisical evidence exists such as fragments, or photographs.

9. No interception or identification action was taken.

10. No known Air Traffic was in the area at the time of sighting.

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[redacted]

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-8 DEC 1955 15 58

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[redacted]
(CLASSIFICATION)

14—55570-1 ☆ U. S. GOVERNMENT PRINTING OFFICE

[redacted]

727TH AIRCRAFT CONTROL AND WARNING SQUADRON
507th Tactical Control Group
Shaw Air Force Base
South Carolina

UNCLASSIFIED

STATEMENT

On the morning of 4 December 1952, I A/1C Clarence W. Ives did see a target that was being called in and it was moving at a very high speed. I only seen it for one long move then it stopped for approximately one minute, then came directly back in the path it was moving, and faded. This track was first picked up at 0840 by S/Sgt Thomas who was at the scope. It was around 99 miles from our sight.

Clarence W. Ives
CLARENCE W. IVES, AF 26797632
A/1C USAF

Sworn to and subscribed before me this 5th day of December 1952.

Richard G. Crosby
RICHARD G. CROSBY
Captain, USAF
Adjutant

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[redacted]

[redacted]

727TH AIRCRAFT CONTROL AND WARNING SQUADRON
507th Tactical Control Group
Shaw Air Force Base
South Carolina

UNCLASSIFIED

STATEMENT

On the morning of 4 December 1952, I A/1C Arden D. Patefield of the Radar Operators Section had the first hour off and was sitting at the scope normaly used for controlling. This scope was set up for a range of 80 miles. At approximatly 0840 S/Sgt Thomas picked up the fast moving track and reported it. I immediatly adjusted the scope to pick up out to 100 miles so as to pick up the same track. I saw the track at 99 miles out traveling at a terrific speed in a Southern course.

Arden D Patefield

ARDEN D. PATEFIELD, AF 16337280
A/1C USAF

Sworn to and subscribed before me this 5th day of December 1952.

RICHARD G. CROSBY
Captain, USAF
Adjutant

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[redacted]

[redacted]

727TH AIRCRAFT CONTROL AND WARNING SQUADRON
507th Tactical Control Group
Shaw Air Force Base
South Carolina

UNCLASSIFIED

STATEMENT

On the morning 4 December 1952, I A/1C Walter Hopf, and I A/2C Arthur A. Waller of Radar Maintenance Section was in the Control Van adjusting a scope when we heard one of the operators call that he had an unusual object on the scope and that it was moving very fast. We went to the screen and saw an object moving approximately 20 degrees per sweep about 100 miles out. The object was moving Southeast. We watched the target for several sweeps until it slowed, stoped and after a few sweeps disappeared. To my knowledge this was no radar malfunction.

Walter Hopf

WALTER HOPF, AF 12331681
A/1C USAF

Arthur A. Waller

ARTHUR A. WALLER, AF 12331215
A/2C USAF

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DOD DIR 5200.10

Sworn to and subscribed before me this 5th day of December 1952.

Richard Crosby

RICHARD G. CROSBY
Captain, USAF
Adjutant

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[redacted]

[redacted]

SECURITY INFORMATION DESIGNATED

727TH AIRCRAFT CONTROL AND WARNING SQUADRON
507th Tactical Control Group
Shaw Air Force Base
South Carolina

UNCLASSIFIED

STATEMENT

On 4 Dec 1952 I went on duty at 0800 hours as Plan Position Indicator at the Tactical Air Direction Center. At approximately 0815 hours a few scattered targets began to appear on my scope. At approximately 0842 hours a target appeared on my scope, azimuth 034 degrees at approximately 82 miles. This target was assigned as track 11, I then called in a continuation of the remaining moving targets. When I observed the scope for track 11 it was at 034 degrees at 99 miles. At that time the sweep was at approximately 360 degrees. Then it appeared at 052 degrees at 99 miles. I called the floor superviser and told him that I had an unusual target. At this time the target had moved to 068 degrees at 99 miles. At this time the floor supervisor and A/2C Arthur A. Haller and A/1C Walter Hopf from Radar Maintenance Section came to the scope. Next sweep the target was at 089 degrees at 99 miles, then at 105 degrees at 99 miles, then to 112 degrees at 99 miles. The target stopped at 112 degrees for approximately three sweeps, the target then move back to 105 degrees at which time it disappeared. The above moves from 034 degrees at 99 miles to 112 degrees at 99 miles are consecutive sweeps of the antenna which is revolving at 4 revolution per minute. The target disappeared at approximately 0847 hours. The speed was estimated at approximately 6,000 miles per hour.

Donald E Thomas
DONALD E. THOMAS, AF 35271157
S/Sgt USAF

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DECLASSIFIED AFTER 12 YEARS.
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Sworn to and subscribed before me this 5th day of December 1952.

Richard Crosby
RICHARD C. CROSBY
Captain, USAF
Adjutant

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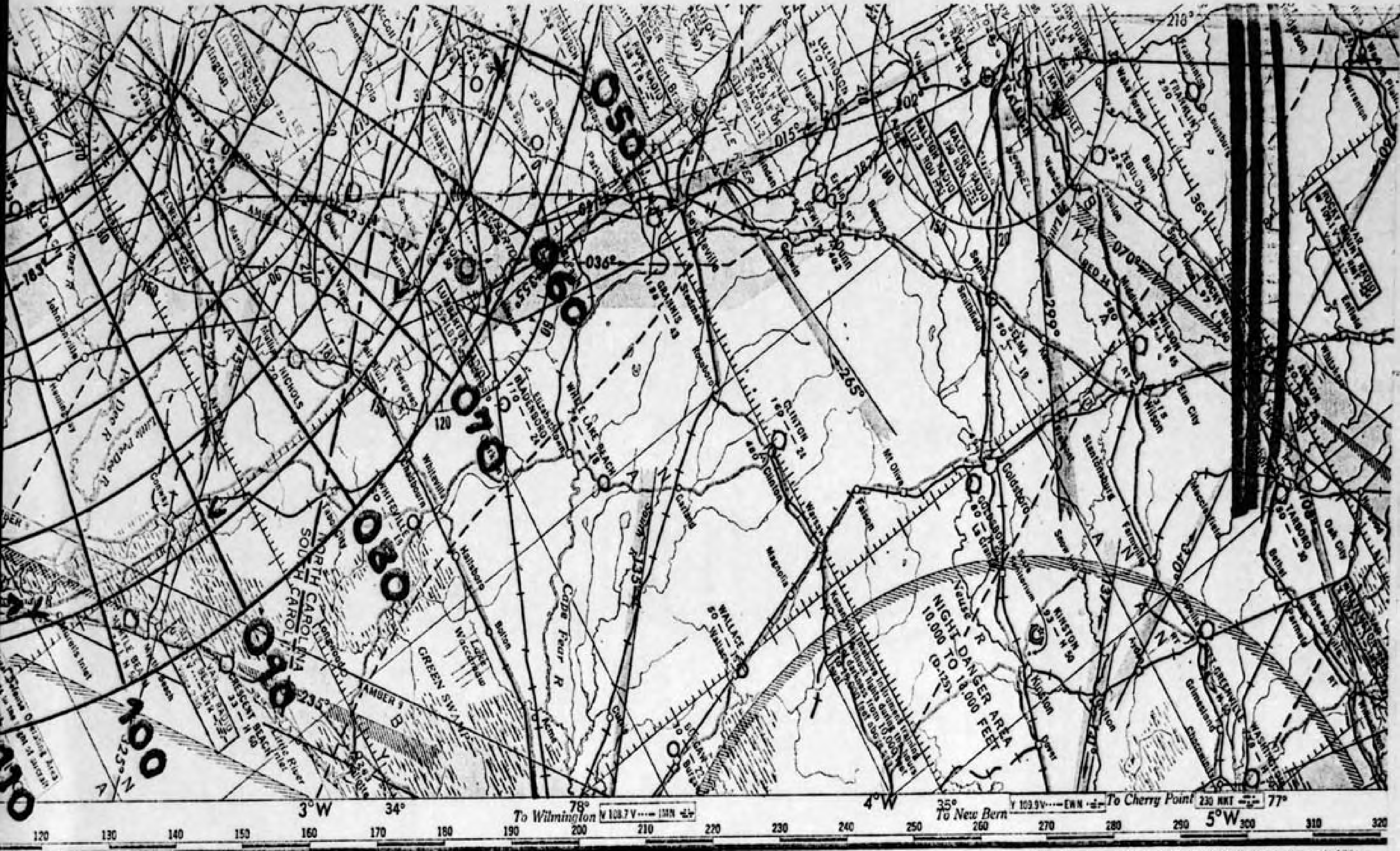
SECURITY INFORMATION DESIGNATED



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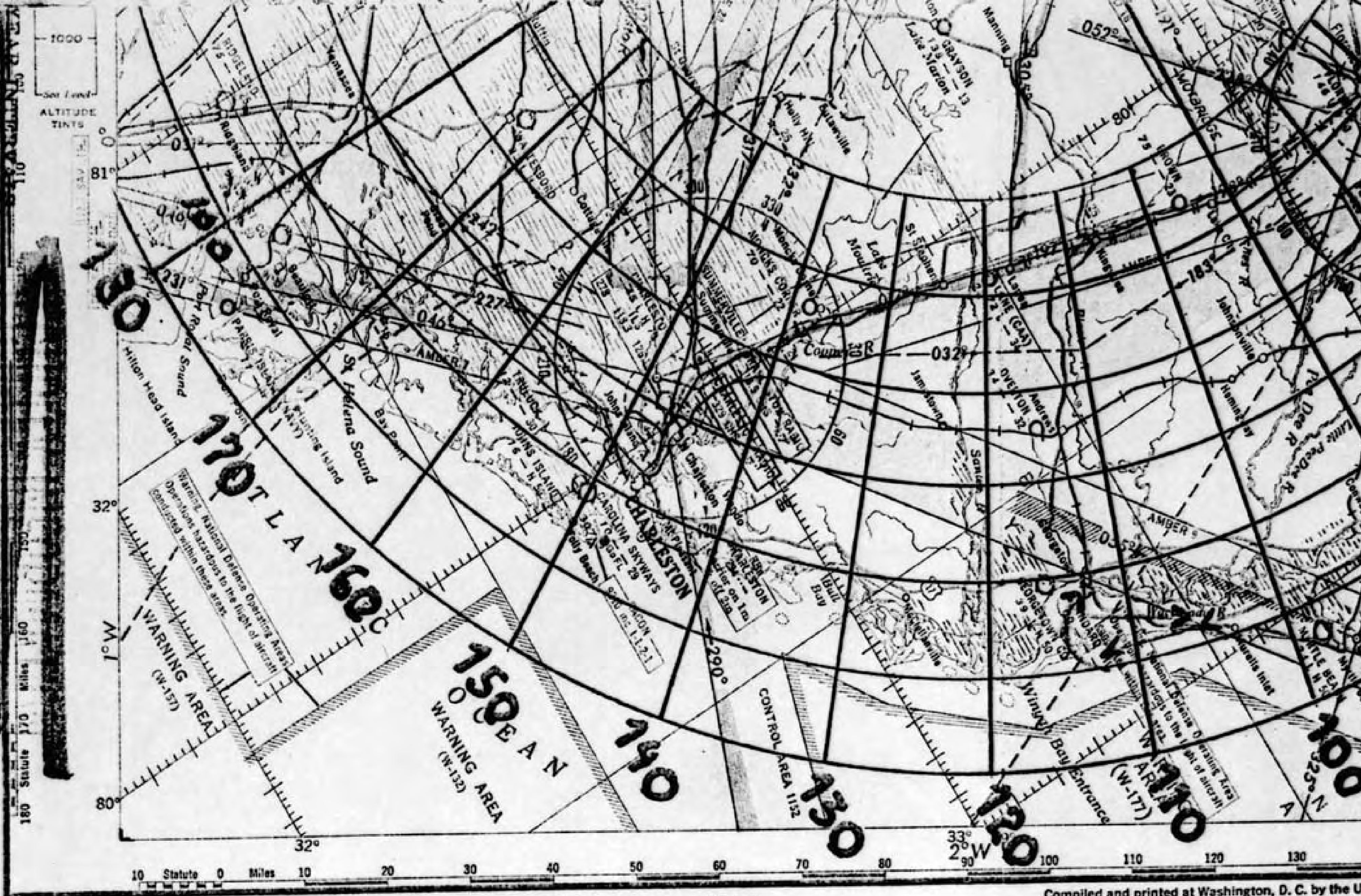
...nder authority of the Secretary of Commerce
...346 Revised FEBRUARY 1952 BASE NO 2 R 2

Date of magnetic information 1950

Legend and Index on reverse side

NOTE: It is requested that users of this chart indicate corrections and additions which come to their attention and notify "THE DIRECTOR, U. S. COAST AND GEODETIC SURVEY, WASHINGTON 25, D. C."



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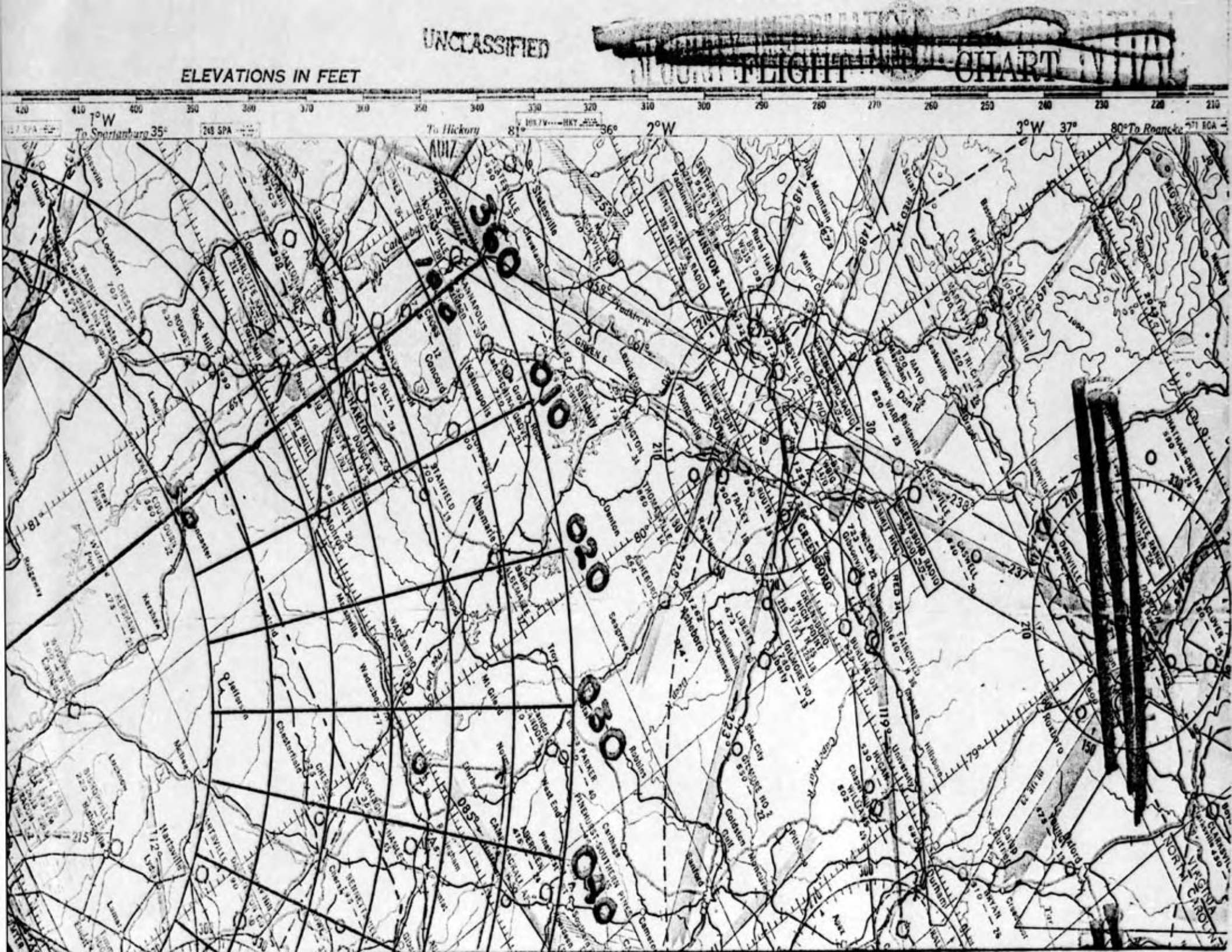

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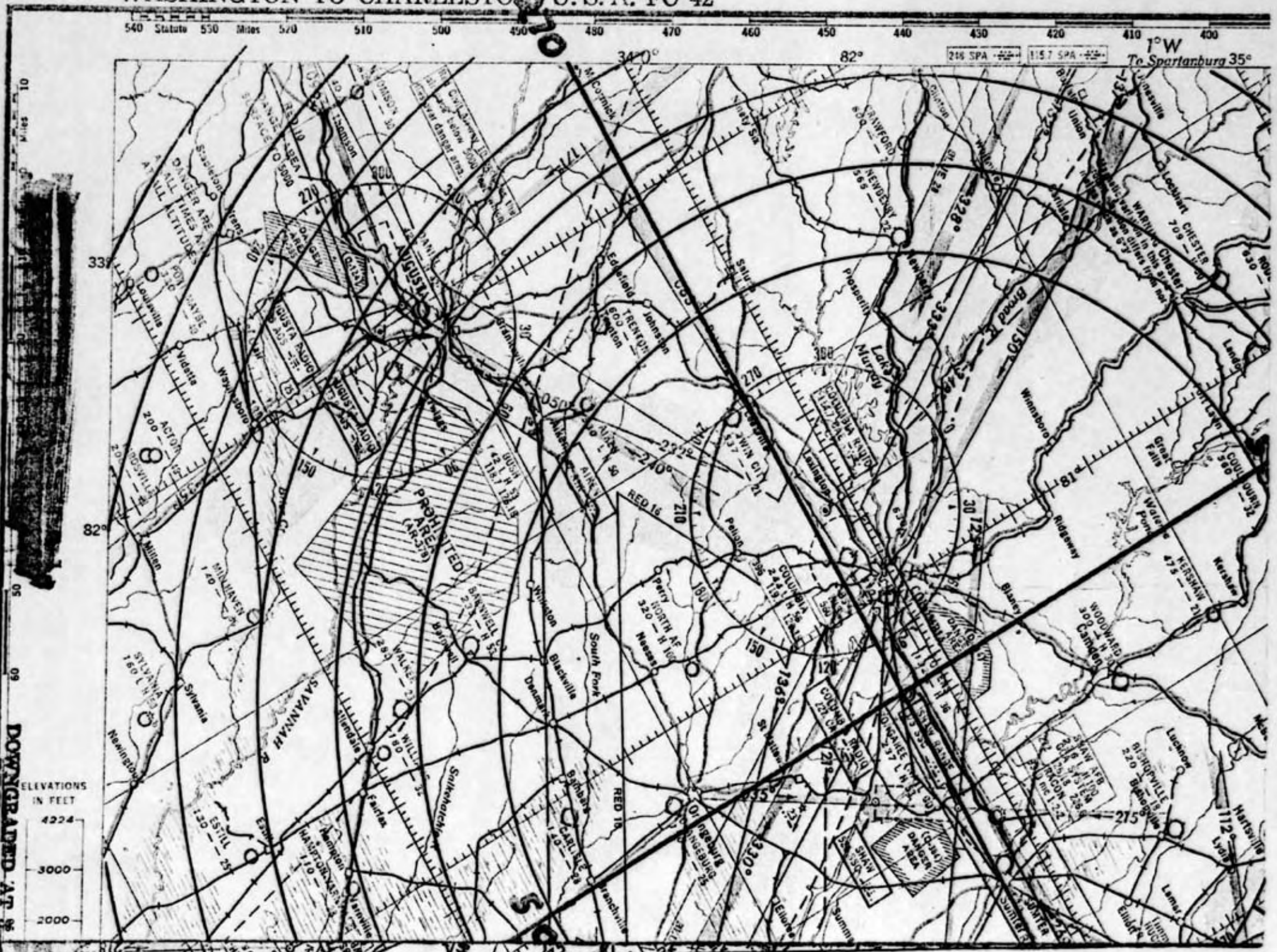

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