

PROJECT 10073 RECORD CARD

1. DATE 4 Dec 52		2. LOCATION Congaree AFB, S.C.		12. CONCLUSIONS	
3. DATE/TIME GROUP Local 4/0042PST GMT 4/1342Z		4. TYPE OF OBSERVATION ☐ Ground-Visual ☒ Ground-Radar ☐ Air-Visual ☐ Air-Intercept Radar		☐ Was Balloon ☐ Probably Balloon ☐ Possibly Balloon ☐ Was Aircraft ☐ Probably Aircraft ☐ Possibly Aircraft ☐ Was Astronomical ☐ Probably Astronomical ☐ Possibly Astronomical ☒ Insufficient Data for Evaluation ☐ Unknown	
5. PHOTOS ☐ Yes ☒ No		6. SOURCE Radar Operators		☒ <i>See Radar in 10073</i>	
7. LENGTH OF OBSERVATION 5 minutes		8. NUMBER OF OBJECTS One		9. COURSE	
10. BRIEF SUMMARY OF SIGHTING 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	

UNCLASSIFIED

SECURITY CLASSIFICATION (If any)

DISPOSITION FORM

FILE NO.

SUBJECT

(UNCLASSIFIED) Analysis of Radar Sighting

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

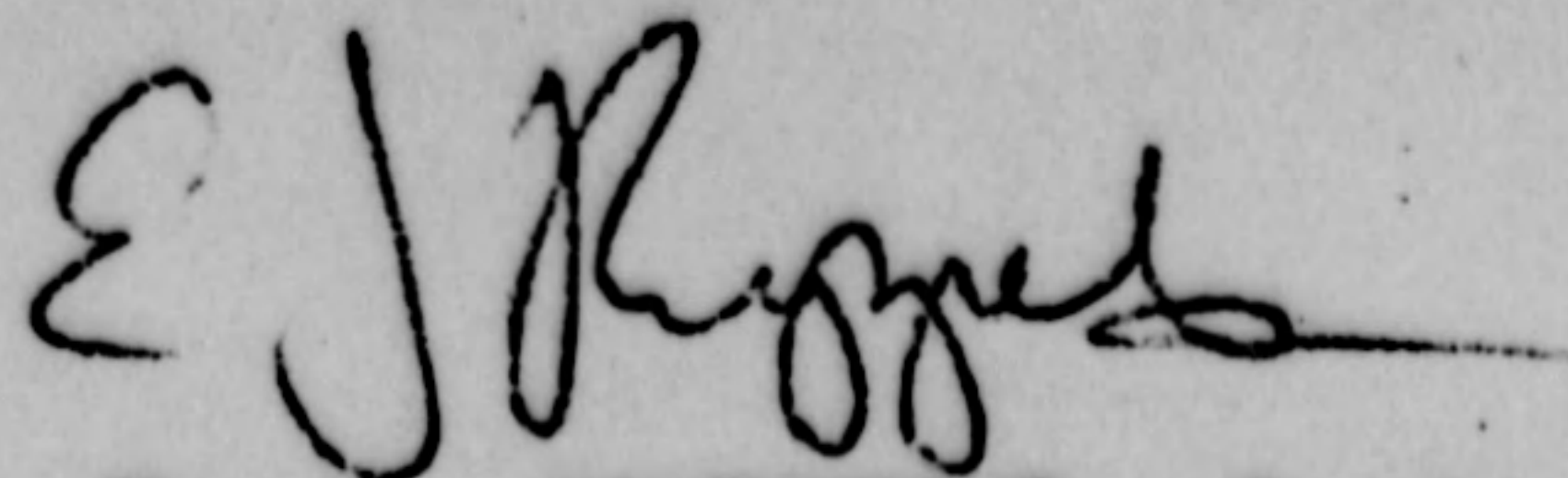
FROM ATIAE-5

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, Capt, USAF
 Chief, Aerial Phenomena Section
 Electronics Branch
 Technical Analysis Division
 Air Technical Intelligence Center

1 Incl
 a/s

If inclosure 1 is withdrawn (or not attached), the classification of this correspondence will be downgraded to UNCL in accordance with paragraph 25E, AFR205-1.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

Insufficient info to conclude - possible invasion in Tennessee
 however.

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 DOD DEC 1964

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S.R. 10

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 tendency 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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T53-3695

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NRSS13

C-1 OP IN

FM CO 363 TAC RECON WG AT SHAW AFB SC

TO HQ USAF WASH DC DIR OF INTEL HQ PARAPHRASE 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

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 084 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 EXPERIENCE. 6. LOW STRATUS CLOUDS, NO PRECIPITATION, WINDS NORTH 5 MPH. 7. NO CONDITIONS OBSERVED. 8. NONE. 9. NONE. 10. NONE. END PRYGA FLYOB RPT

JEDWP

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OPERATIONAL IMMEDIATE

UNCLASSIFIED-19651

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 AG&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 report, etc., as applicable)		
Not Applicable		

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

Paul W. Mayhew
PAUL W. MAYHEW
1st Lt. USAF
Approving Officer

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5 INCL.

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 1955 15 50 2

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(CLASSIFICATION)

AF FORM
APPROVED

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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 Airman 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 meteorological condition existed.

8. No physical 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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727TH AIRCRAFT CONTROL AND WARNING SQUADRON

507th Tactical Control Group

Shaw Air Force Base
South Carolina

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S T A T E M E N T

On the morning of 4 December 1952, I A/IC 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/IC 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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727TH AIRCRAFT CONTROL AND WARNING SQUADRON
507th Tactical Control Group
Shaw Air Force Base
South Carolina

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S T A T E M E N T

On the morning of 4 December 1952, I A/IC Arden D. Patefield of the Radar Operators Section had the first hour off and was sitting at the scope normally used for controlling. This scope was set up for a range of 80 miles. At approximately 0840 S/Sgt Thomas picked up the fast moving track and reported it. I immediately 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/IC 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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727TH AIRCRAFT CONTROL AND WARNING SQUADRON
507th Tactical Control Group
Shaw Air Force Base
South Carolina

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S T A T E M E N T

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, stopped 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 12381215
A/2C USAF

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

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S T A T E M E N T

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

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

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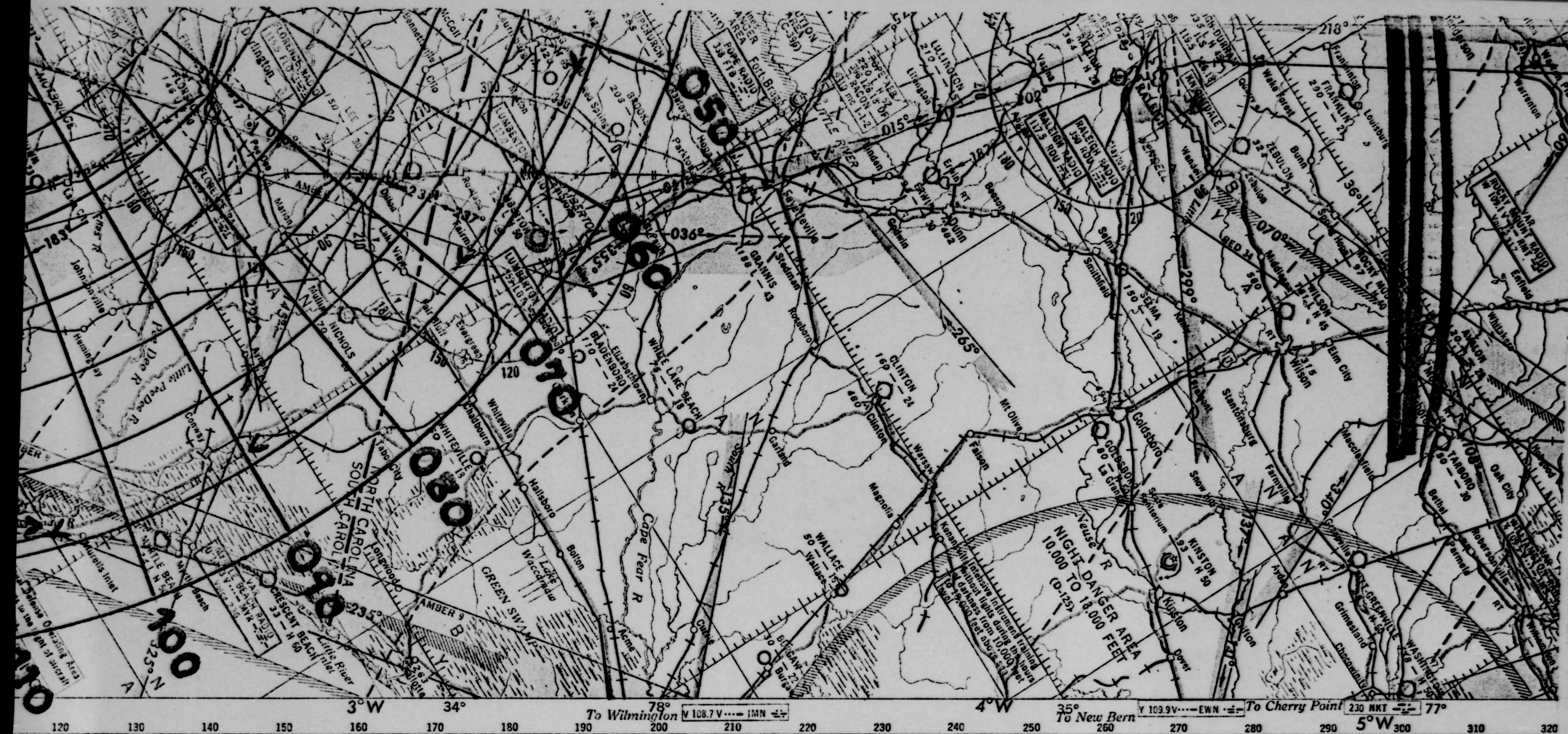


Chart published at Washington, D. C. by the U. S. Coast and Geodetic Survey
under authority of the Secretary of Commerce
1946 Revised FEBRUARY 1952 BASE NO 2 R 2

Date of magnetic information 1950

Legend and Index on reverse side

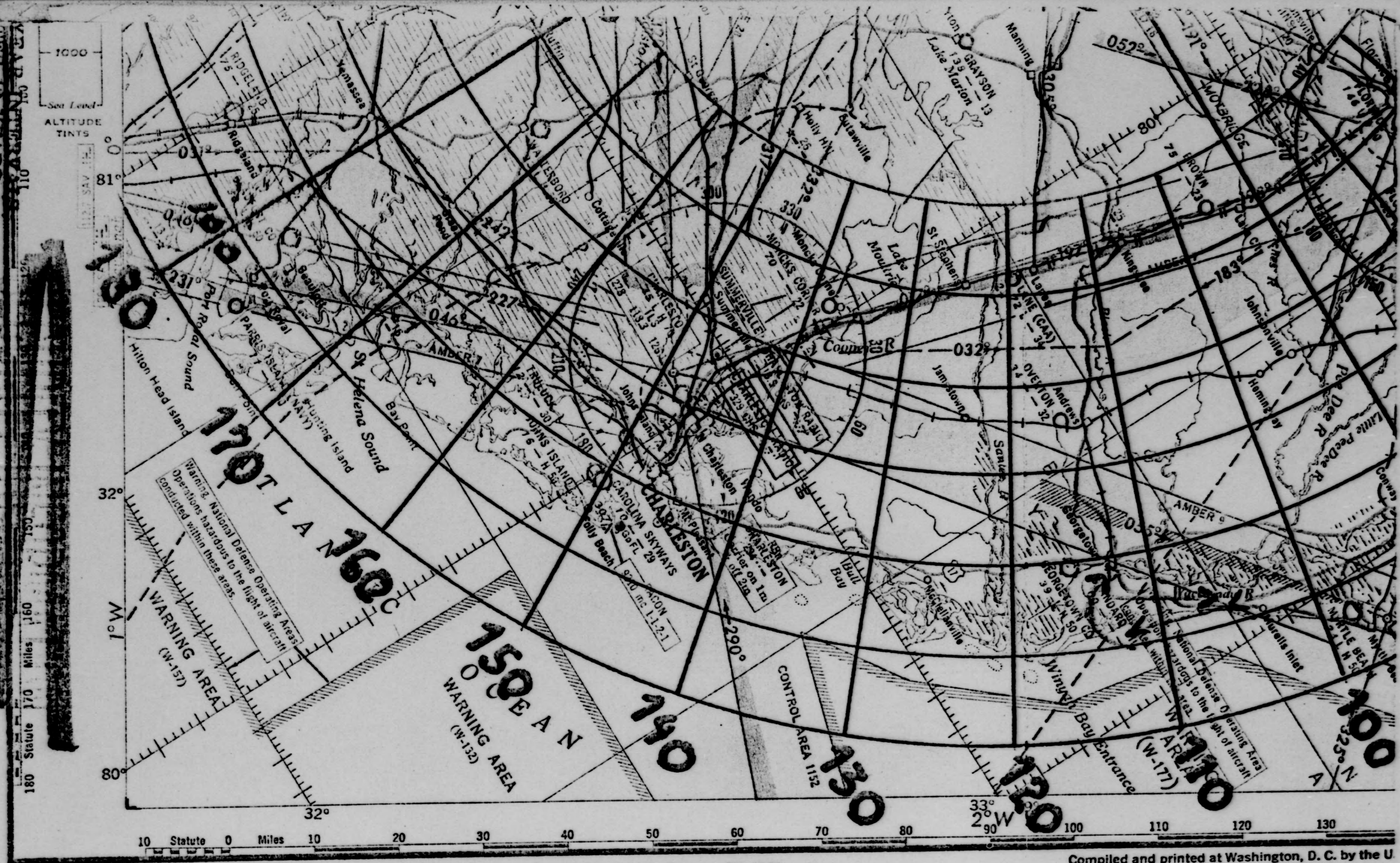
NOTE: It is requested that users of this chart indicate corrections and additions
which come to their attention and notify
"THE DIRECTOR, U. S. COAST AND GEODETIC SURVEY, WASHINGTON 25, D. C."

To insure that the airman has the latest information available, U. S. and Alaskan Flight Charts are reissued at monthly periods.

CENTRAL PLANNING

NEARLY 100 YEARS
5200.10

1000
Sea Level
ALTITUDE
TINTS

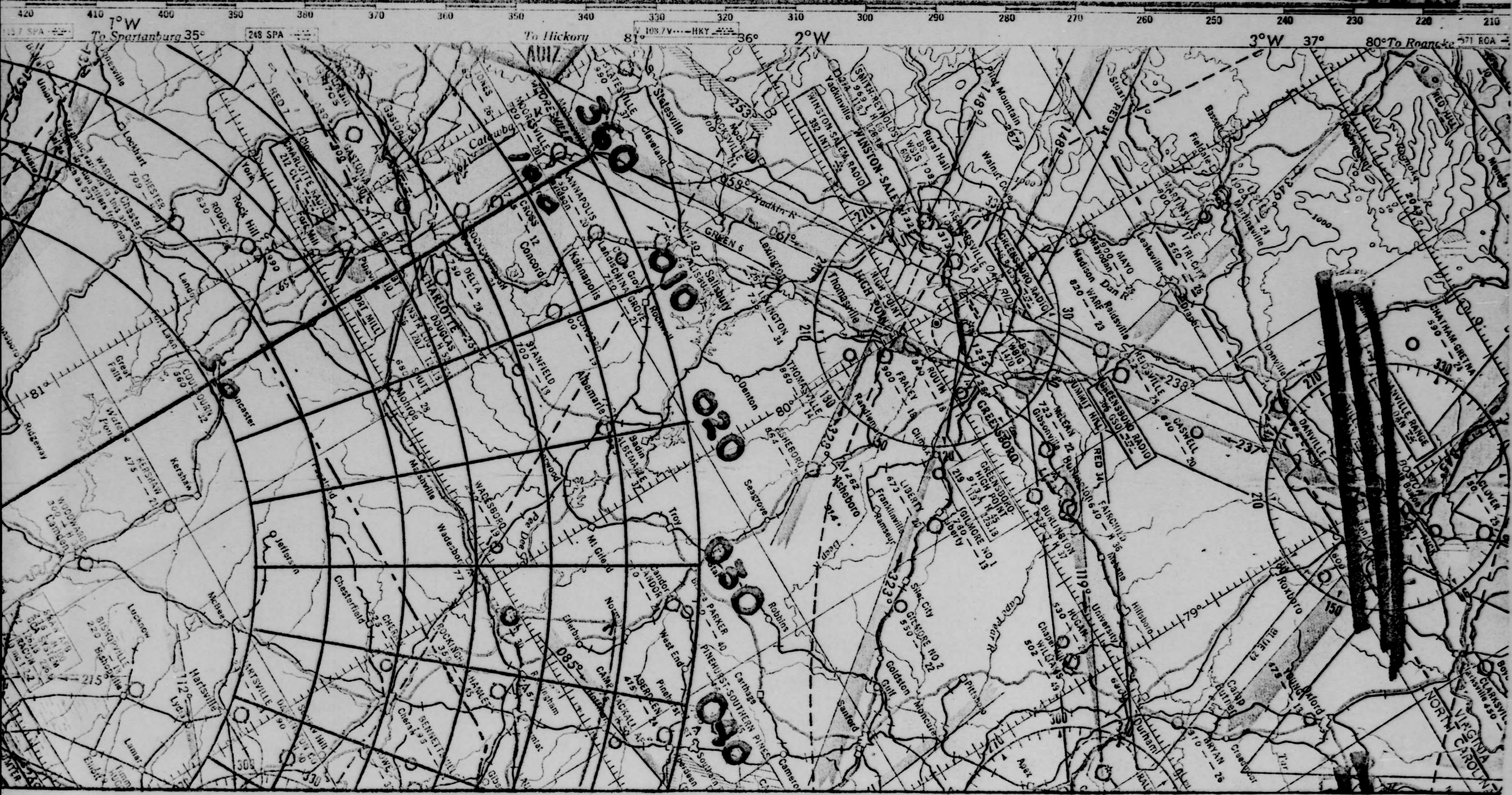


Alaskan Pilot Charts are revised at twelve-

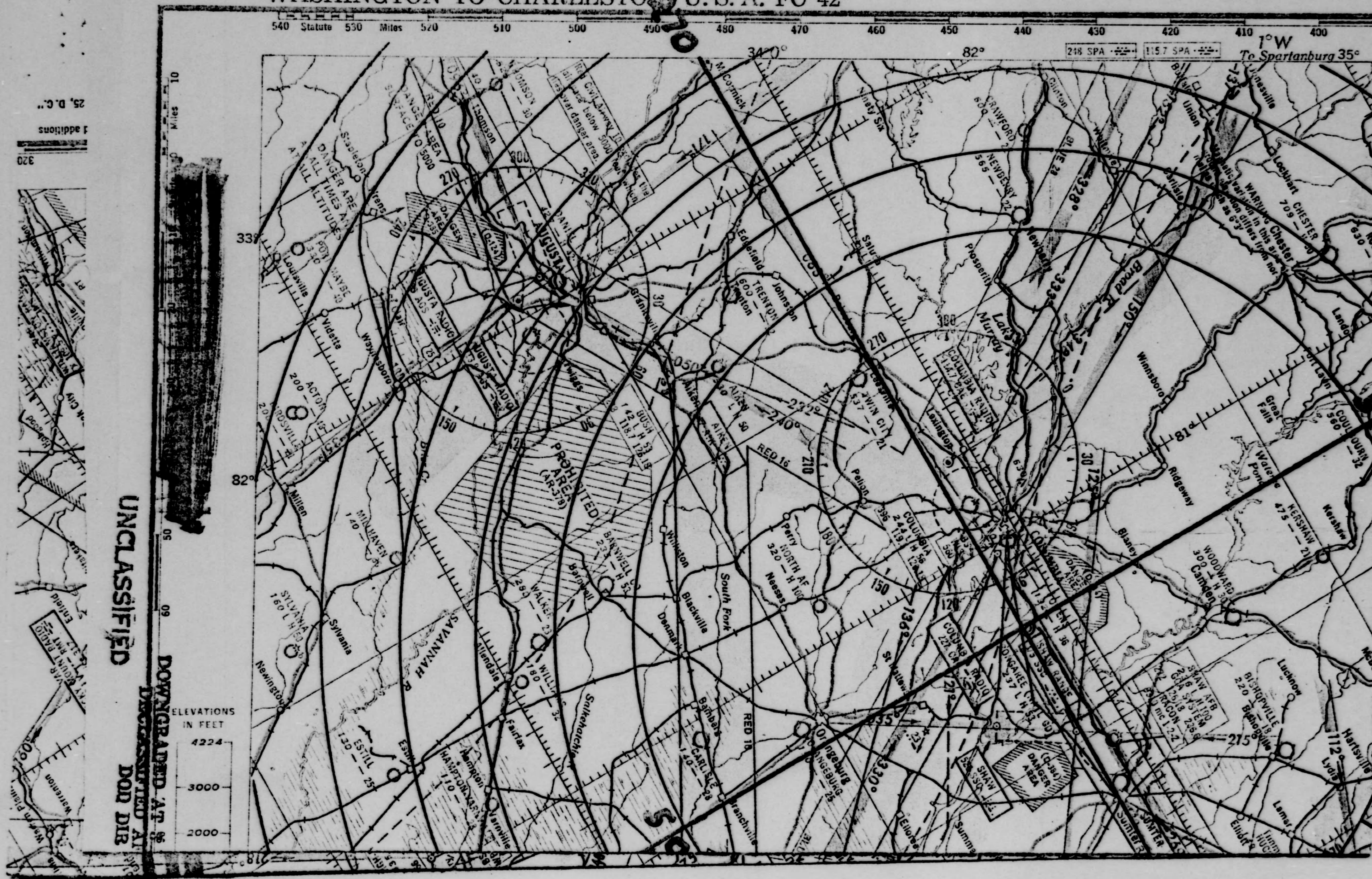
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ELEVATIONS IN FEET

FLIGHT CHART



WASHINGTON TO CHARLESTON U. S. A. FC 42



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