1. DATE - TIME GROUP 5 March 53 5/2045Z -	2. LOCATION 5/22072 Congaree AFB & Shaw AFB, South Carolina		
3. SOURCE	10. CONCLUSION BALLOCTI		
4. NUMBER OF OBJECTS			
5. LENGTH OF OBSERVATION 1.8 Minutes to 1 Hour 5. Type of Observation Visual Oround & Gad Mader 7. COURSE 7.1	311 var, crescent shaped object was observed visually from the surface hovering over a river. Object was picked up on OCA radar scope and was observed traveling in a level flight. F-80 s/c scrambled to air with adjactive regules. Object observed on radar scope 65 miles distant at an estimated altitud of 0,000 heading 34. A radam behinch appeared on scope as attached later at 103-115 miles distant.		
8. PHOTOS D. Y ETH. 9. PHYSICAL EVICENCE	Dur them consistent with this analysis. Visual description description in accord with balloon observation in daylight.		

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

(CLASSIFICATION)

				REPORT NO.	(LEAVE BLANK)
Inited	States	of	America		

AIR INTELLIGENCE INFORMATION REPORT

SUBJECT

COUNTRY

Unidentified Flying Object

AREA REPORTED ON

Congaree Air Force Base, South Carolina

727th ACAW Sq., Shaw AFB, S.C.

DATE OF REPORT

6 March 1953

DATE OF INFORMATION 5 March 1953

PREPARED BY (Officer)

Benjamin F. Inman

SOURCE Tactical Air Direction Center, Congares, All

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 113-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.

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

Captain, Approving Officer

Notarised Catement by S/Sat John C. Hayes restariard out. Dent by 6/622 hell braden Continued Commont by 3/3gt Buford Kalley

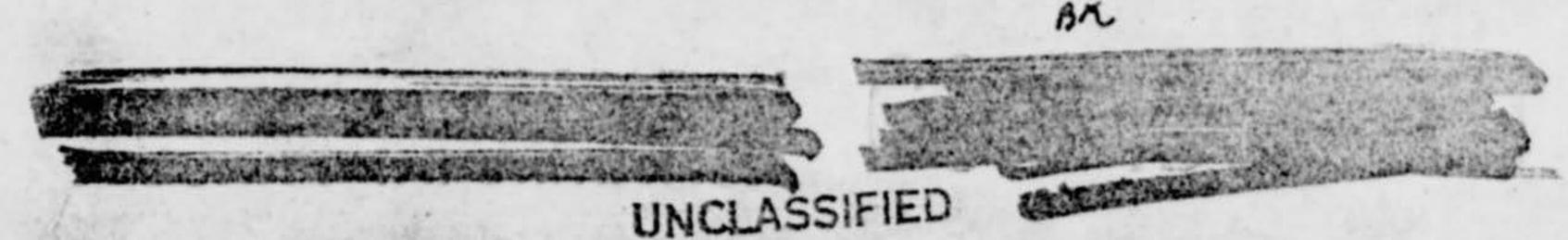
hue Copy of Controller's Log

rid Hap in Laference

DOWNGRADED AT 3 YEAR INTERVALE TELL I

UNCLASSIFIED

On March 5, 1953 about 1715 hours, I, S/Sgt. Buford J. Kelley was in the Mese Hall eating chow when S/Sgt. Meil Braden, OFS B at Control Van TADC. stating that he had received word from Captain Harrington, Base Operations that there was a strange object sighted over the Frehibeted eres at Aken, South Carolina and was heading toward Congares., and wanted us to remain on the air. He stated that Captain Horrington was trying to get a plane to intercept the strange object. At that time I elerted Exceed 2 and our DF's and the rest of our section to go on the air. I called the C. Q. here at Congares to call the Air Hetional Cuard to see if they had a plane evailable tointercept the strange Bogie. They informed that they would have a F-51 sirborne in a few minutes Call Sign 4522. That he would contact us on 121.50. About the time 5422 was eirborns the bogie feded 20 miles north of Congares. The fede of the target was 1725. At that time 4522 called in for a vector to bowle. D/Set. John Mayor took control of the A/C. I got in contact with the Commanding Officer. Major Baskerville to get more information whether to remain on the air. Wajor Baskerville informed me to alert all DF's Exceed 2. I informed him that they were on the sire He also informed me that there would be an A/C from Shew evailable to intercept Begie. At 1752 I received a call from VHF that AF 401 was calling on channel 2 (143.82). Be reported his position 40 miles north of Congares, 8 thousand feet. At that time Exceed 2 reported a target 3350 105 miles. The target moved to 3300 108 miles. The target was now heading south wost of Congerso. They also reported that they had no other terget on their weapon. I assumed this was the begin. I gave AF 401 a vector of 3200. He reported steedy 320° 80 miles. The begie moved to 315° 104 miles and faded thore. I informed AF 401 that the bogie had filled at that point. Exceed roappeared bogie 330° 92 miles which put the bogie fading 030°. I then gave the fighter a vector of 0300 heading him toward the begin. Exceed reported initial termet 3100 105 miles whick on the map indicated that was the flighter. Gave him his location according to the map and he said that was regur. Mext report on begin 338" 100 miles. I informed flighter begin 1 0'Clock 20 miles. Then the begie was 3450 98 miles bogie position from fighter 12 oclock 15 miles. Boggie feded at that position. Informed AF 401 that bogis faded 10 miles west north west of Cherloth, M. C. He was informed to orbit there. Exceed 2 reported bogie reappeared 3450 100 miles the bogie was now on a heading of 0200. I gave 401 vector of 020° at that time Exceed 2 reported fighter inded. I informed 401 that bogie was now over Sailsbury, H. C. I then dead recken the fighter toward the bogie. The bogie faded CCS TOK miles which is over Sailsbury, H. C.. I infoormed him to orbit over Sailshury, N. C. . At 1827 Exceed2reported a plot 3420 107 miles. Not knowing whether the plot was the flighter or the begin I had the fighter do an identification turn which indicated the plot was not the flighter. I then informed 401 the bogie was follow a heading 250° from Congarce and gave him a vector of 250°. Position of bogie from fighter 12 0'Clock 25 miles. At that time the bogie had done an abute turn and was now heading 0200. I then gave 401 a new heading of 0250, and at that time the bogie faded. The fighter 401 called and said he would orbit around Cherlotte, N. C. a few mirates later 401 called in and informed me he had only 25 minutes of fuel remaining. I gave him a vector 1300 to Camrien. He reported over Carrien and said he had Show Base in sight. At 1846



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AIR INTELLIGENCE INFORMATION REPORT

TROM (styrney)	REPORT NO.			
727th ACGH Sq., Shaw AFB, S.C.		PAGE	OF *	PAGES

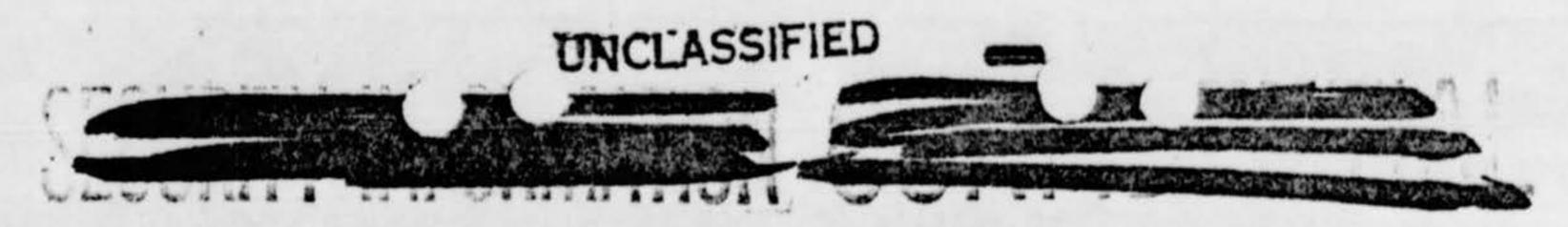
DOWNGRADED AT 3 YEAR INTERVALS; DECLASSIFIED AFTER 12 YEARS. DOD DIE 5200.10

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 by radar at 1707 E. Hours at 235°, 65 miles South Wast of Congares AFB, South Carolina. The object was traveling at an estimated speed of 200 MPH. The object was on a heading of 060 degrees and faded at 20 miles north of Congares AFB on a heading of 360 degrees.
- a. No information is available as to chaps, size, color, aerodynamics, trail or exhaust, propulsion system, and sound.
- 2. The object was sighted by radar at 1707 E. Hours and tracked until 1725 E. Hours, the object was again sighted at 1745 E. Hours and faded at 1835 E. Hours.
 - 3. Object was observed by an AN/MPS-5 and an AN/TPS-13.
- 4. The AN/APS-5 radar set is located at Congaree AFB, S.C., Coordinates Lat. 33 degrees 56 minutes and 0 seconds North, the Lon. 80 degrees 47 minutes and 30 seconds West. The AN/TPS-LB is located at Camdan, S.C., Coordinated Lat. 34 degrees 15 minutes and 10 seconds North, the Lon. 80 degrees 37 minutes and 0 seconds West. The object was first sighted at 65 miles from Congaree AFB on a heading of 60 degrees and an estimated altitude of 20,000 ft. The track faded at 20 miles north of Congaree on a heading of 360 degrees. Radar contact was again made at 1745 E. Hours and faded at 1835 E. Hours. (See map as reference all distances and assenth measured from Congaree AFB)
- 5. The Radar Set Operators were S/Sgt Braden, S/Sgt Kelley, and S/Sgt Hayes were on duty. These airmen are rated excellent in regard to reliability and are graduates of Radar Operators School with three to four years experience.
 - 6. The weather conditions were as follows:
 - a. Pilots reported VFR Conditions

IS always to be relieved and consider the construction

- (1) Charlotte, N.C. Thin broken clouds at 25,000', 15 M. Vis. Spartenburg, N.C. Thin broken clouds at 25,000', 15 M. Vis. Columbia, S.C. Thin broken clouds at 25,000', 15 M. Vis. Shaw AFB, S.C. Thin broken clouds at 25,000', 15 M. Vis.
 - (2) Spartemburg, M.C. Winds aloft at 25,000, 270deg., 84 knots at lanta, Ca. Winds aloft at 25,000, 290 deg., 74 knots thanks, M.C. Winds aloft at 25,000, 250 deg., 87 knots
- 8. No physical svidence unists such as fir ments, or photographs.
- The F-51 type mireraft from Congaree AFB, S.C. and one F-80 type were utilized for attempted intermention without success.
- TO The Smeaner of a Perceptage among the three among at the time and at which there



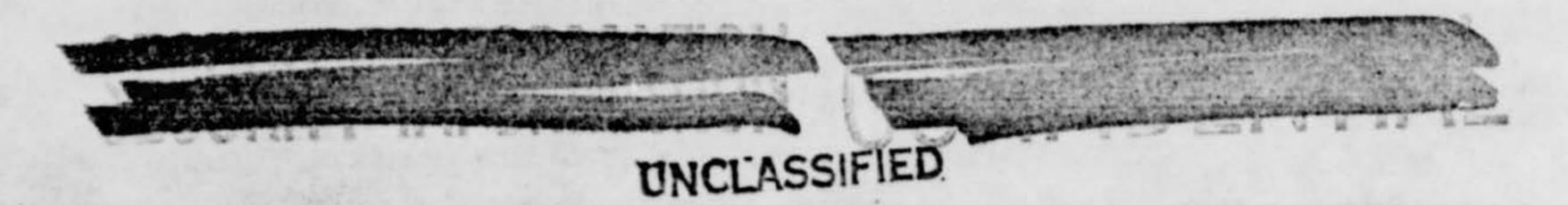
AF 401 was cleared from our control to go to baker channel to pan cake. After I had cleared AF 401 to alm AF 999 called in for a vector to bogie. I informed him that bogis had faded and we had dropped the missor. I told him he was cleared to go to baker channel to pan cake. He gave me roger. Entire mission with AF 401 was conducted by dead recking ulitizing plots received from Exceed 2. At no time during attempted intercept did I, Exceed Control have radar contact with fighter or bogie, due to blind Zone of our radar coverage. (See Radar Calibration report dated 9 January 1953).

BUFORD J. KELLET, AF 14 223 515 S/Set., USAF

Sworn and subscribed to before me this 6th day of March 1953.

ELMER T. EUWARDS
Captain, USAF
Summery Court Officer

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



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

STATEMENT

At 1655 5 March 1953, I received a call from Captain Herrington telling me that there was a strange object hovering over the restricted area near Augusta, Ga. He said to put Exceed radar back on the air and try to pick up object on same. At 1705 radar was back on the air and we had the target over restricted area.

When the call from Captain Herrington just came in I immedistely called TADC orderly room for a controller. Receiving no answer I then called the Mess Hall to see if any officers or radar personnel NCOs were available. At approximately 1715 3/3gt John Hayes and S/Sgt Buford Kelley arrived to give assistance. At that time we had approximately 7 plots on the unknown object. The initial plot JD1627. The 7th plot JD5552. The object was moving at the time on a heading of 0600 towards Congaree. When the object was within 11 miles of Congaree he circled so to remain 11 miles from base. He then took a direct Morth heading when due north of base. The object them faded at 3600 20 miles at 1725.

I took over the job of keeping the log and amsering communications while S/Sgt Mayes and Kelly worked with A/C sent to investigate.

> NEIL BRADEN AF 22961731 S/Set USAF Neil Bracken

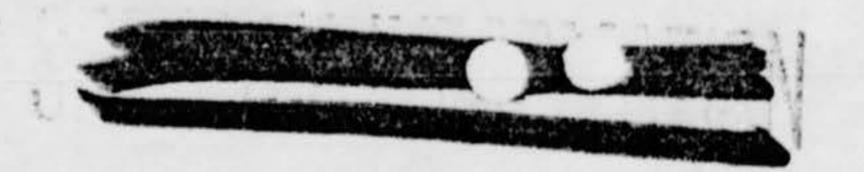
Sworm to and subscribed before me this 6th day of March 1953.

DOWNGRADED AT 3 YEAR INTERVALS; ELMER T EDWARDS
DECLASSIFIED AFTER 12 YEARS. Captain, USAF
DOD DIR 5200.10

Summary Court Officer UNCLASSIFIED









ATEMENT

UNCLASSIFIED

At 1715 hours, 5 March 1953, I, John Hayes, was in the mess hall when 8/5gt Buford Kelley informed me that a stringe object was believed to be in our area, and a target was on our radar scope and the restricted area. S/5gt Kelley and I proceded to the control van. Upon arrival there I saw an object on the radar bearing 140° 25 miles from Congaree, The object was flying North easterly direction at about 220 miles per hour. S/5gt Kelley called the orderly room and had the C.Q. to call the National Fuard hanger and ask if they had an aircraft that could be used for interception.

3/Sgt Melley told me that a F-51 Mational -ward 4522 would be airborne in 15 minutes and to intercept track 1. At 1725 track I had faded from the radar scope. NG 4522 called me on dog channel (121.50), I informed him that the object had faded from the radar but to search area morth of Camden, S.C. The pilot of NG 4522 informed me that he had emough fuel for about one hour of flying. There were no targets on the radar in the North and I vectored him to that area to seapen. At 1800 I told NO 4522 to drop mission as he had only ab ut 30 minutes of fuel remaining. When No 4522 was over Camden I informed him that an aircraft was orbiting in the vacinity of the prohibited area, and if he had en ugh fuel left to take a look at it. The pilot said he had enough fuel and he would take a look. I gave him a vector of 2200 when over Congares Base. NO 4522 made a tally ho on an aircraft and reported it as constillation. At that time 1816 I gave him a vector of 020° for base, At 1822 NG 4522 said he had field in sight and was changing to Baker Channel for Fan Cake.

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

John C. HAYES AF 14332010 S/3gt USAF

Sworn to and subscribed before me this 6th day of March 1953.

UNCLASSIFIED

Captain, US-F Summary Court Officer

ALMER T EDW RDS

Elmer J. Edwards









CONTROLLERS LOG

UNCLASSIFIED

BITRACT

5 March 1953

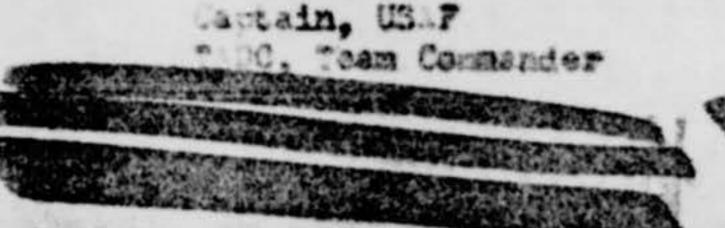
- Unidentified object over restricted area. Radar was turned on and contact was made at 1700. Target was tracked from restricted area to within 11 miles of Congares. It took a North heading.
- 1730 C.Q. informed us Major Baskerville wanted redar on temporerily.
- 1730 Fot in contact with National Suard at Congares. They gut plane 4522 in mir at 1742.
- 1742 Plane in sir Bgt Hayes working as controller. VHF on air.
- 1744 Major Baskerville informed C. .. that plane from show in Air on Charlie Channel.
- 1745 Exceed II made contact with what is believed to be object.
- 1752 Gained contact with AF-401. Controlling AF-401 towards Hogey.

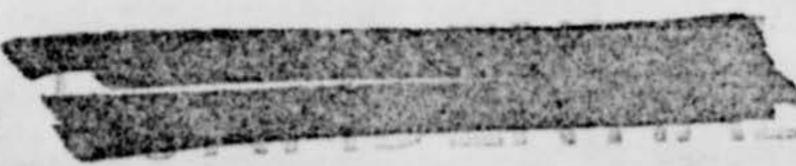
 Sgt Kelley AF-401, Sgt. Hayes NG-4522
- 1800 Sgt Kelley directed AF-401 on Vet. 3200. Plane orbiting in area of 3200 105 Mi.
- 1800 Sgt Hayes directed NO-4522 back to Congaree. Frel low.
- 1810 Capt. Imman directed that we bring AF-401 back to base.
- 1803 (Back Log) Segay faded at 3100 105 Mi.
- 1814 Picked up F-80 3230 102 Mi. Boger 3450 99 Mi.--Negative, just opposite.
- 1822 Plane 4522 given -Boker fo puncake.
- 1839 Captain Imman said to give plane steer to bring back to base. Sgt Kelley is doing so. Also keep radar on.
- 1846 AF-401 cleared over Shaw for B-Baker for panchke.
- 1951 Received call form AF7188. It was informing of strange object.
 Ex 10 gave steer back to have after Exceed informen wireraft
 that mission was over and we didn't need his aid. (Capt. Cobert
 from Group)
- 1846 (Back Log) AF-999 reported he was airborns to sid in hunt of strange object. Exceed informen him scarch was over and he was given a B-Baker pancake back to base.
- 2105 Exceed Radar shut off. (Capt Anderson)

A CERTIFIED TRUE EXTRACT COPY:

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Mar 363d Tag Recom Wing EWOI-2599

APPROVED 1 JUNE 1948		
COUNTRY	REPORT NO.	(LEAVE BLANK)
. T. S. A.	53-02	
AIR	INTELLIGENCE IN	NFORMATION REPORT
SUBJECT		
AREA REPORTED ON		
		FROM (Agency)
DATE OF REPORT		Ho 363d Tae Recon Wing, Shaw AFB, S. C.
DATE OF REPORT	DATE OF INFORMATION	EVALUATION
PREPARED BY (Officer) 1953	5 March 1953	The state of the s
PREPARED BY (Officer)		Mr. J. Howard Jones, Asst Director of
Cant Ban 7 O. Tormal	Setad	
REFERENCES Control number, directive, precious	eport, etc., as applicable)	Security, Savanuah River Project
	II	

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 111—Part 11.)

1. A crescount shaped flying object of undeterminable size was observed.

- 1. A crescent shaped flying object of undeterminable size was observed. The object was silver in color, and there was no sound, trail, or exhaust observed.
- 2. The time of visual sighting was 1545 EST, 5 March 1953, for a period of approximately one hour.
- 3. The observations were made visually from the ground and with the electronic equipment (AN/AFS-5) of the LERU-1, 727th AC & W Squadron, located at Congarce, S. C., and with the electronic equipment (AN/PPS 1-0)of the LERU-2, 727th AC & W Squadron, located at Condon, S. C.
- 4. The observer was located at the Savannah River Project (P-378), 8. C., 53-15 North Lat.; 81-40 West Long. The object was chserved visually directly overhead with altitude and distance undeterminable.
- 5. The observer, Mr. J. Hemard Jones, Assistant Director of Security, Sevennah River Project, was non technical in his report. The LMRU-1 at Compared made their initial contact at 1707 BST, the position of the unidentified object being 65 miles, 235 degrees from Congares. The object was tracked on a constant course, speed 200-216 mph, estimated altitude of approximately 20,000, until 1725 EST when it disappeared from the scope 20 miles and 360 degrees from Congares. The LMRU-2 unit, located at Camden, S. C., made an initial contact of an unidentified object at 1745 EST, position being 108 miles, 335 degrees from Congares, speed approximately 220 mph. The blip was lost on the radar scope at 1835 EST, position being 115 miles and 006 degrees from Congares.
- 6. High cirrus clouds at an estimated 25,000 with 15 plus miles visibility were present as reported by base weather. Winds aloft at 20,000 were: Aiken, S. C. 270/90; Atlanta, Ga. 290/74; and Charleston, S. C. 280/87. Winds at Aiken, S. C., at 25,000 were reported at 270/84.
- 7. There were no meteorological and other conditions reported which might account for the object.

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STRIBUTION BY ORIGINATOR

INCLS.

Commanding Coneral Minth Air Force. Pous AFB. H. C.



AIR INTELLIGENCE INFORMATION REPORT

FROM (Agency)	REPORT NO.					
Hg 363d Tae Recon Wg. Shear AFB	53-02	PAGE	2	OF	2	PAGES

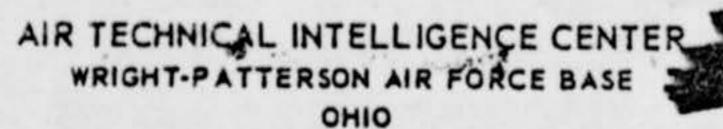
8. There is not any known physical evidence such as fragments or photographs of the sighting.

9. Show AFB, S. C. was notified and an RF-80 aircraft was serambled at 1750 EST but failed to make a summerful interception. Three GCI's were made, but the pilot made no visual observation. The altitude of this aircraft varied from 20,000 to 50,000. During the entire flight, the pilot reported excellent visibility above the ground hase and that his vision was never hampered by eleves.

10. There was not any known air traffic at altitudes from 20,000 to 30,000 in the vicinity of Show AFB between the hours 1600 and 1900 EST, 5 March 1953, with the exception of the RF-80 which was alerted.

ROOM K. RECEARMER

Director of Operations



1 3 MAR 1953

In reply refer to AFOIN_ATIAE-5

UNCLASSIFIED

SUBJECT: (Uncl) Radar Sighting of Unidentified Aerial Object

42410

TO:

Commanding Officer
363D Tactical Reconnaissance Wing
Shaw Air Force Base, South Carolina

18 mar 53

- 1. In reference to your station's radar sighting of 5 March 1953 of an unidentified aerial object, the Air Technical Intelligence Center is forwarding the inclosed Electronics Data Sheet. In an attempt to uncover a logical explanation for such observations, ATIC has developed this questionnaire which, when accurately completed by the radar technicians involved, allows ATIC radar specialists to attempt an evaluation of the sightings.
- 2. ATIC would appreciate, therefore, the completion and forwarding of the subject Electronics Data Sheet at your earliest possible convenience.
- 3. If radar scope photos are available, please forward them to ATIC also.

FOR THE COMMANDING GENERAL

2 Incls

1. Electronics Data Sheet

2. Self-addressed envelope

ROBERT C. BROWN

Major, USAF Air Adj. Gen.

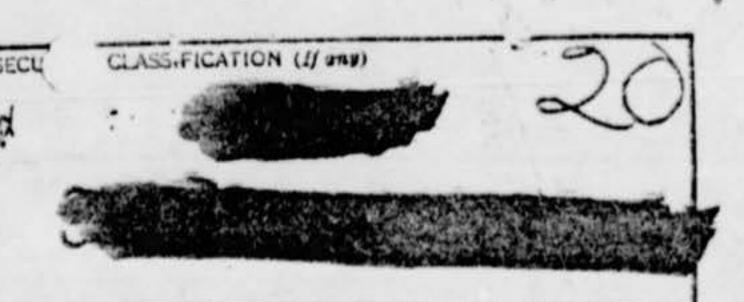
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CLASSIFIED AFTER 12 YEARS.
DOD DIR 5200.10

3/334

DISPUSITION FORM

Mittigo SUBJECT



FILE NO.

(Uncl) Unidentified Aerial Object Sighting

TO ATTAK-2

ATTN: Mr. James

FROM

ATTAE-5

DATE

COMMENT NO. 1

29 Apr 53 ... A/1C Castellaw/vs 65365/B263/P A-30

1. Attached is an unidentified aerial object sighting from the South Carolina area on 5 March 1953.

2. The object was first observed ground visually by the Assistant Director of Security at the Savannah River Project from 1545 to 1645 EST.

3. The 727th AC&W Squadron at Shaw AFB was notified to make a radar check on the object. From 1707 until 1835 EST the object was tracked by two elements of the 727th, one located at Congaree, S.C., and the other at Camden, S.C.

4. Interception by F-80 and F-51 type aircraft was attempted with negative results.

5. We would appreciate your comments on the above sighting.

6. Adiabatic charts are being requisitioned, and when they are received, the subject sighting will be returned to you for further analysis.

1 Incl

File dtd 3/5/53 (Shaw AFB, S.C.) ROBERT M. OLSSON, Lt, USAF

Acting Chief, Aerial Phenomena Section

TO: ATIAE-5

FROM: ATIAE-2 DATE: 30 Apr 53

COMMENT NO. 2 Mr James / wih

1. Information presented with Comment No. 1 indicates nothing more than an unidentified slow-flying aircraft, or aircrafts since two tracks are reported.

2. Contents of this comment are unclassified.

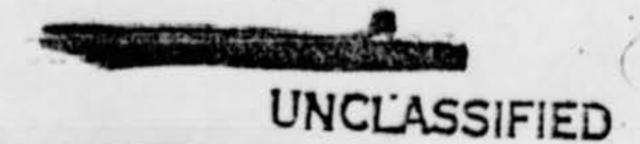
1 Incl n/c

Chief, Radiation Section

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

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Air Tech Intel Cen, AFOIN-ATIAE-5, Subject: (Uncl) Radar Sighting of Unidentified Aerial Object

RWOI 350.09 (13 Mar 53)

HEADQUARTERS 363D TACTICAL RECONNAISSANCE WING, Shaw AFB, S. C. THE RESIDENCE OF THE PROPERTY OF THE PROPERTY

TO: Commanding General, Air Technical Intelligence Center, Wright-Patterson Air Force Base, Ohio

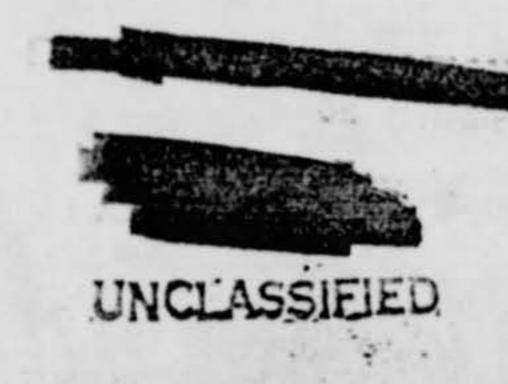
- 1. Paragraph 2 basic correspondence complied with.
- 2. Reference paragraph 3 basic correspondence. Radar scope photographs for this sighting was not accomplished.

FOR THE COMMANDING OFFICER:

1 Incl w/d incl 2 Captain, USAF Adjutant

When Incl 1 is withdrawn or not attached, the classification of SECRET on this correspondence will be canceled in accordance with paragraph 25a, AFR 205-1

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



753-3634-A

R#279.3

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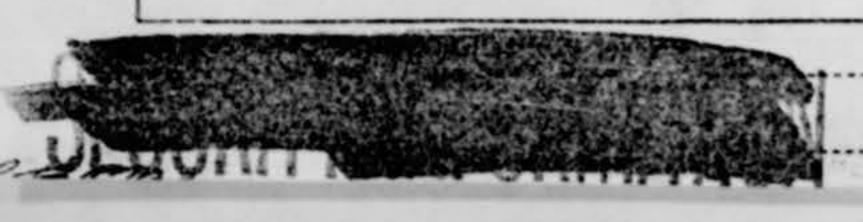


The purpose of this questionnaire is to provide technical data for evaluating the report of an unusual radar target or track. It is requested that it be completed as accurately as possible.

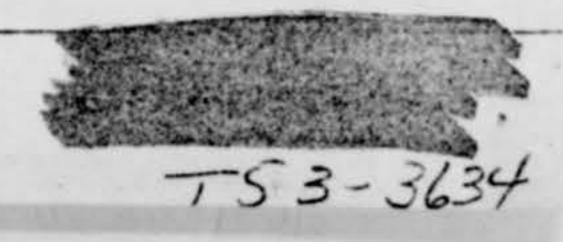
When not filled in, the form is Unclassified. The reporting officer will use his own judgement as to what degree of classification is required.

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:	2. DATE OF THIS REPORT:	
1.Congaree (NG) & Camden Airport	18 Mar 1n53	
Organization(727th AC&W Sq.)	Day Month Year	
Shaw AFB, Sumter, S.C.		
3. DATE TARGET OBSERVED: 5 March 1953 Z Time Day Month Year	4. NAME, RANK AND ORGANIZATION OF REPORTING OFFICER: Inman, Banjamin F Capt. 727th AC&W	
Time-Local 1707 E Time-Z 2207 Z		
5. EXACT LOCATION OF STATION (COORDINATES):		
Congaree 33 56 N 80 47 30 W Ca	amden 34 17 N 80 34 W	
& OBSERVER DATE (LIST EACH OBSERVER): Name	Rank Duty	No. of Years Exp. in Radar
A. Kelley, Buford J.	S/Sgt Chief Radar Operator.	3 to 4 yrs
B. Braden, Neil	S/Sgt Floor Supr.& Ops "B"	3 to 4 yrs
c. Hayes, John C.	S/Sgt Sr. Clerk(TADC)	3 to 4 yrs
D.		
E.		
7. WAS A VISUAL SIGHTING MADE BY ANY PERSONN IF SO, GIVE NAME AND RANK OF ALL PERSONNE WHAT THEY SAW:	EL OF THE STATION? THE YES TO NO L MAKING A VISUAL SIGHTING AND A BRIEF DES	CRIPTION OF



UNCLASSIFIED







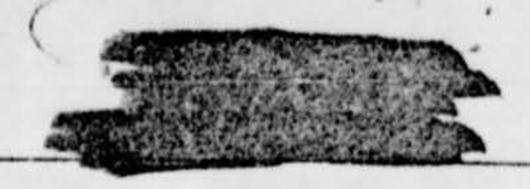
HAVE YOU HEARD OF ANYONE NOT AT THE RADAR STATION MAKING A VISUAL SIGHTING AT APPROXIMATELY THE SAME TIME THE RADAR CONTACT WAS MADE? MYES ON NO

Visual sighting made inside Prohibeted Area near Aiken S C. Name and address of person or persons unknown. It was by these sightings that the local radar was alerted.

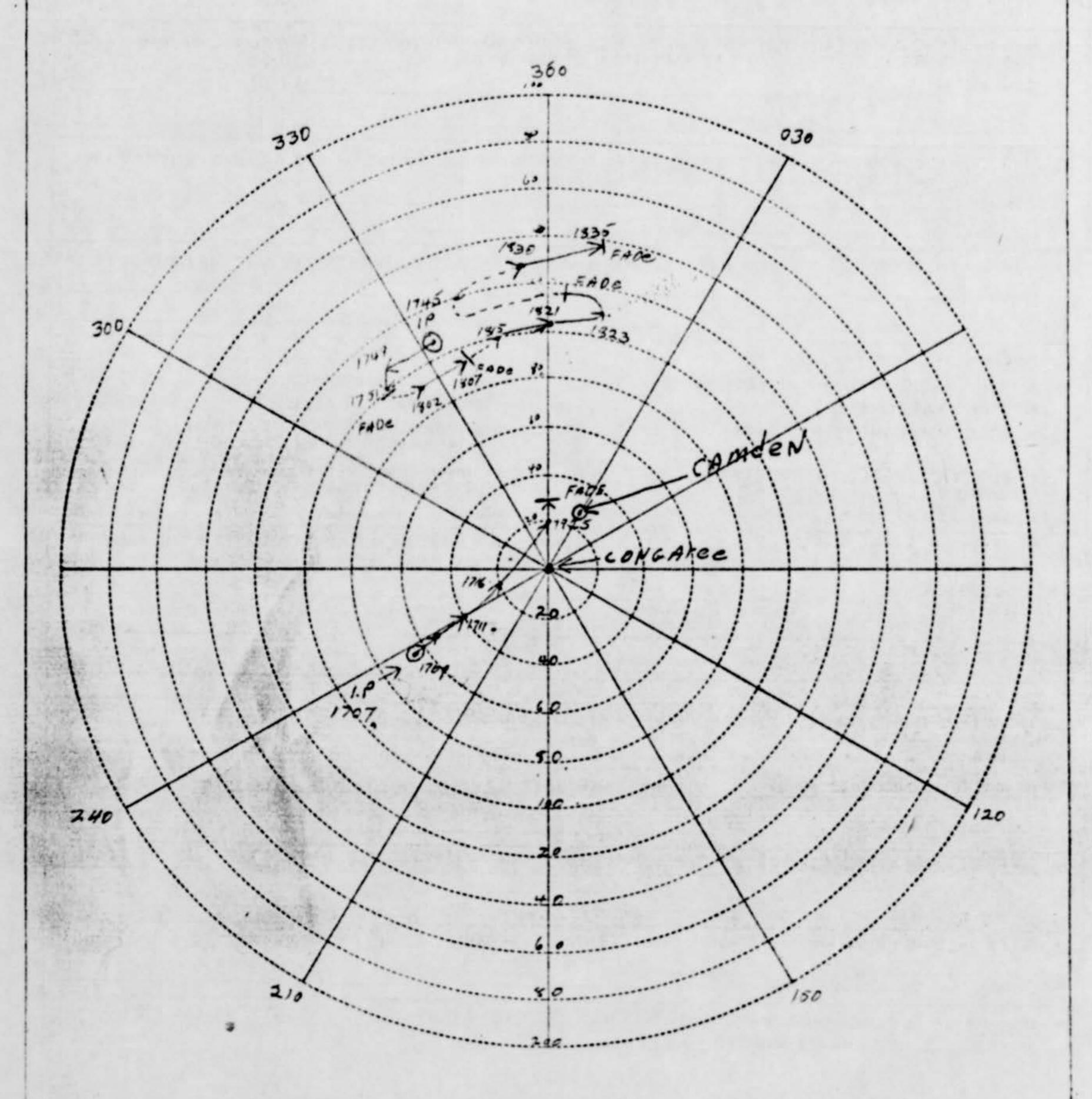
•			
7.	RADAR SCOPE PHOTOS:		1.
	IS RADAR EQUIPPED WITH A SCOPE CAMERA?	TYES	M NO
	WAS CAMERA OPERATIONAL?	YES	□ NO
	WERE SCOPE PHOTOS TAKEN?	YES	M NO
	WERE PRINTS OF THE SCOPE PHOTOS FORWARDED TO THE		
	AIR TECHNICAL INTELLIGENCE CENTER?	YES	Q NO
10.	TRACK DATA:		
	WHAT WAS THE NUMBER OF THE TRACK? Track 1		
	WAS A PERMANENT PLOT MADE OF THE TRACK AT THE TIME OF THE OBSERVATION?	Z YES	□ NO
11.	WERE AIRCRAFT SCRAMBLED TO INTERCEPT THE TARGET?	Q YES	□ NO
	IF SO, WERE THE AIRCRAFT BEING OBSERVED ON THE SCOPE AT THE SAME		
	TIME AS THE TARGET?	Q YES	□ NO
12.	WERE ANY NEARBY RADAR INSTALLATIONS QUERIED WHETHER THEY HAD OBSERVED		
	THE SAME TARGET OR TRACK?	A YES	O NO
	IF SO, WHICH STATIONS? Lightweight station at Camden Airport SC.		
_			
13.	The first transfer to the first transfer transfe	M YES	□ NO
	IF SO, WHAT IS THE NOMENCLATURE OF THE EQUIPMENT? MPS 5 and TPS/18		
14.	WAS THE TARGET OBSERVED ON HEIGHT FINDING RADAR?	O YES	DE NO
	IF SO, WHAT IS THE NOMENCLATURE OF THE EQUIPMENT?		
ON THE			
15	HAVE THERE BEEN ANY RECENT MAINTENANCE DIFFICULTIES?	D YES	D NO
	IF SO, DESCRIBE.		
200		1. 27, 4013	
16-	WHAT TYPE MODULATOR (I.E., SPARK GAP, HARD TUBE, ETC.) IS USED IN THE RADAR E	QUIPMENT?	
17.	WAS THE AFC (AUTOMATIC FREQUENCY CONTROL) CIRCUIT OPERATING PROPERLY?	Z YES	E NO
	COMMENTS:		

UNCLASSIFIED

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.



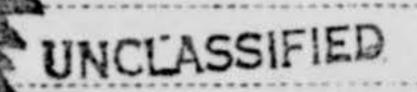
OBSETTATION IN S.W. MADE BY CONGATER (MPS. 5) AT 1707 Altitude Estimated At 20,000 FT

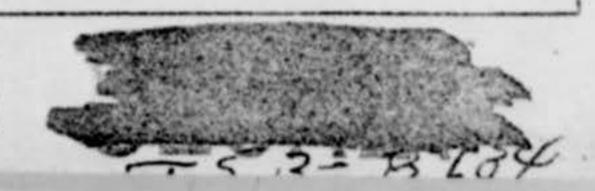
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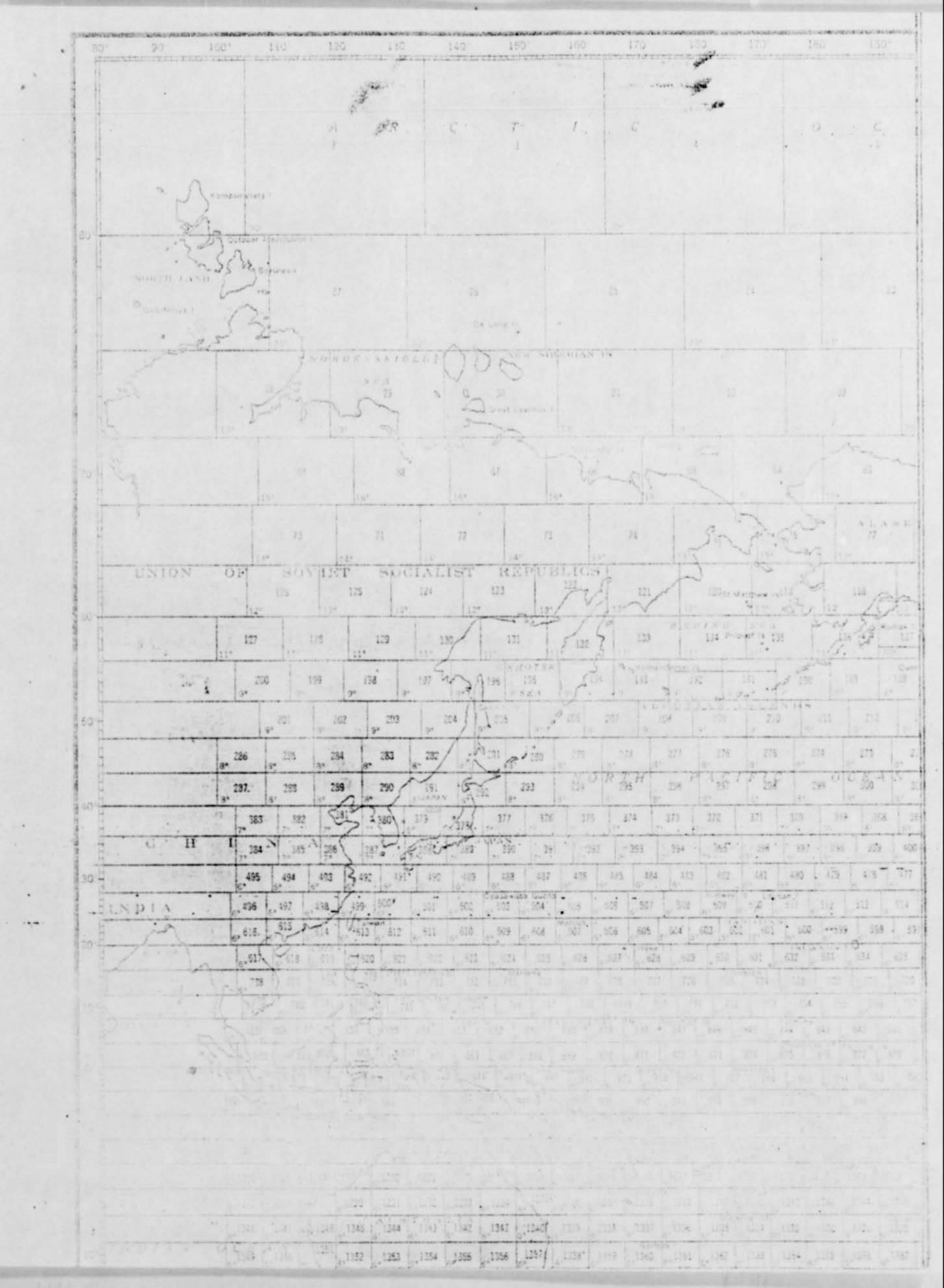


19.	ARE PERSONNEL FAMILIAR WITH THE	EFFECTS	CAUSED BY AN INTERFERING SIGNAL? TO YES	П NO		
20.	ARE PERSONNEL FAMILIAR WITH THE PERTAIN TO THIS TYPE OF RADAR?	EFFECTS C	F ANOMALOUS PROPAGATION (DUCTING EFFECT	S) AS THEY		
21.	HAS ANOMALOUS PROPAGATION (DUCTING EFFECT) BEEN OBSERVED TO EXTEND THE RANGE OF THE GROUND CLUTTER OF THIS RADAR AT THIS SITE? YES 10 NO COMMENTS:					
22.	WAS ANOMALOUS PROPAGATION (DUCT THE TIME THE TARGET WAS OBSERVE COMMENTS:	TING EFFEC	T) EXTENDING THE RANGE OF THE GROUND CLU	TTER AT		
23.	HOW DID THE TARGET APPEAR IN SIZE	E AND SHAP	E AS COMPARED TO CONVENTIONAL AIRCRAFT T	'ARGETS?		
24.	PERFORMANCE OF TARGET:					
	. REMAINED CONSISTENT IN SIZE	23	CHANGED SIZE RAPIDLY			
	b. SPEED WAS CONSTANT	8	SPEED WAS VARIABLE			
	. FOLLOWED CONSISTENT TRACK	0	APPEARED, DISAPPEARED, THEN	-		
	d. FUZZY COMPARED TO AIRCRAFT		SHARP COMPARED TO KNOWN	R		
	TARGET		AIRCRAFT TARGET	0		
	. SAME AS AIRCRAFT TARGET	χD.	•			
25.	TIME AND AT THE SAME ALTITUDE AS	THE UNUSU	E SAME GENERAL AREA, AT APPROXIMATELY TH	L JAME		
26.	WHAT TYPE INDICATORS ("A" SCOPE, 12 in PPI & 7 in PPI	"B" SCOPE	, ETC.) WERE USED TO FOLLOW THE TARGET?			
	normal fade areas.	nvention	al acft target, would fade upon enteri	ng		
27.	WHAT WAS THE RADAR SCAN RATE?	6 RPM				
28.	WHAT WAS THE FREQUENCY OF THE T	RANSMITTE	R?			
28	00 mc (MPS5) 1257 mc (TPS/1	в)				
29.	DID ANY OF THE OBSERVERS HAVE AN		AS TO THE NATURE OF THE TARGET? TES	M NO		





Filly in front has detales. THE OHIO STATE UNIVERSITY HOWARD L. BEVIS, President COLUMBUS 10 EMERSON McMILLIN OBSERVATORY April 9, 1953 1st Lieutenant Pobt. Olsson Wright-Patterson Air Force Fase Dayton, Onio Dear First Lieutenant: Thank you for your letter and comments. I too think that we are getting someplace. This system of weekly reporting and comments -- AND FOLLOW UP---gives continuity. With your aid I should like to make a collection of the truly unknown cases with their follow ups so that a true scientific evaluation can someday be made. Meretofore there has been so much frustration. Without a follow up on critical points the best cases had little scientific value. I want to get to the obtom of the natural phenomena behind all this. if this is persible We should in time be able to set up some emperiments to demonstrate these phenomena, and this will be the real proof of the pudding. This can come only be selecting proper cases and letting the majority of them go by the boards. I hope that you will continue with this work and that we can have occasional meetings. Well, here goes on this batch of 16 March. Of the 12 cases in this batch, 4 were without question Venus, and a 5th might have been. Two have insufficient data and 2 max referring to the same incident seem to be worth definite follow up. Just for the record, the Venus cases were March 6 (Leeds Center), 8,10 and 11. Those of 6 Erie Penn. and 7 March seem most probable to have been some unknown light aircraft. Now to those bhat are of some interest, the most important is 5 March, at Shaw AFB. Has the detailed report come yet? I should like very much to see this. I particularly wonder how the object could have speed 200 mph and still have been observed 1 hour. Very important here to establish identicalness of visual and radar sightings. Is the sightings of the same date reported thru Shaw AFB, but seen at Congares AFB a few hours later refer to the same thing? With reference to the Great Falls, Mont 27 Jeb al hting, I usky "That previous reports?" And finally, on 3 March, Luke AFB, was the 30 feet of gun camera film ever developed? Question: Is it permissible to keep the typed copies of the TVX reports? ADU B DATE



AERONAUTICAL SYMBOLS AERODROMES

AERODROMES WITH FACILITIES

AERODROMES WITH EMERGENCY OR NO FACILITIES

WATER LAND WATER LANGING AFER CIVIL SHELTERED ANCHORAGE JOINT CIVIL AND MILITARY

AERODROME DATA

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AIR NAVIGATION LIGHTS

ROTATING LIGHT ----- # FLASHING LIGHT (WITH COOK) (WITH FLASHING DOOR) LWITH COURSE LIGHTS) LIGHTSHIP

MARINE LIGHT CHARACTERISTICS

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RADIO FACILITIES

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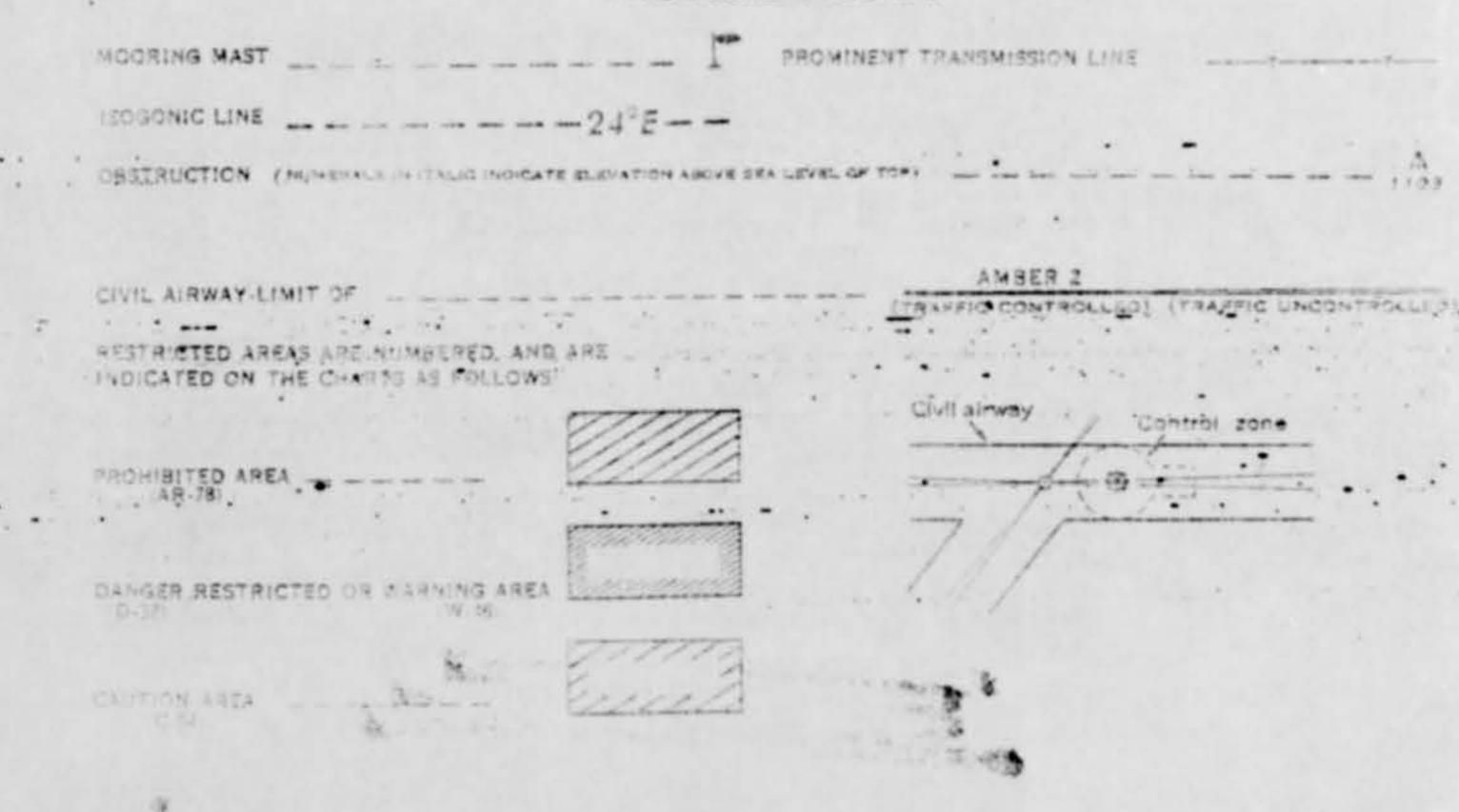
MEGRATH AIRWAYS 2917 4220

REPORTING POINT (NON-COMPULEDBY)

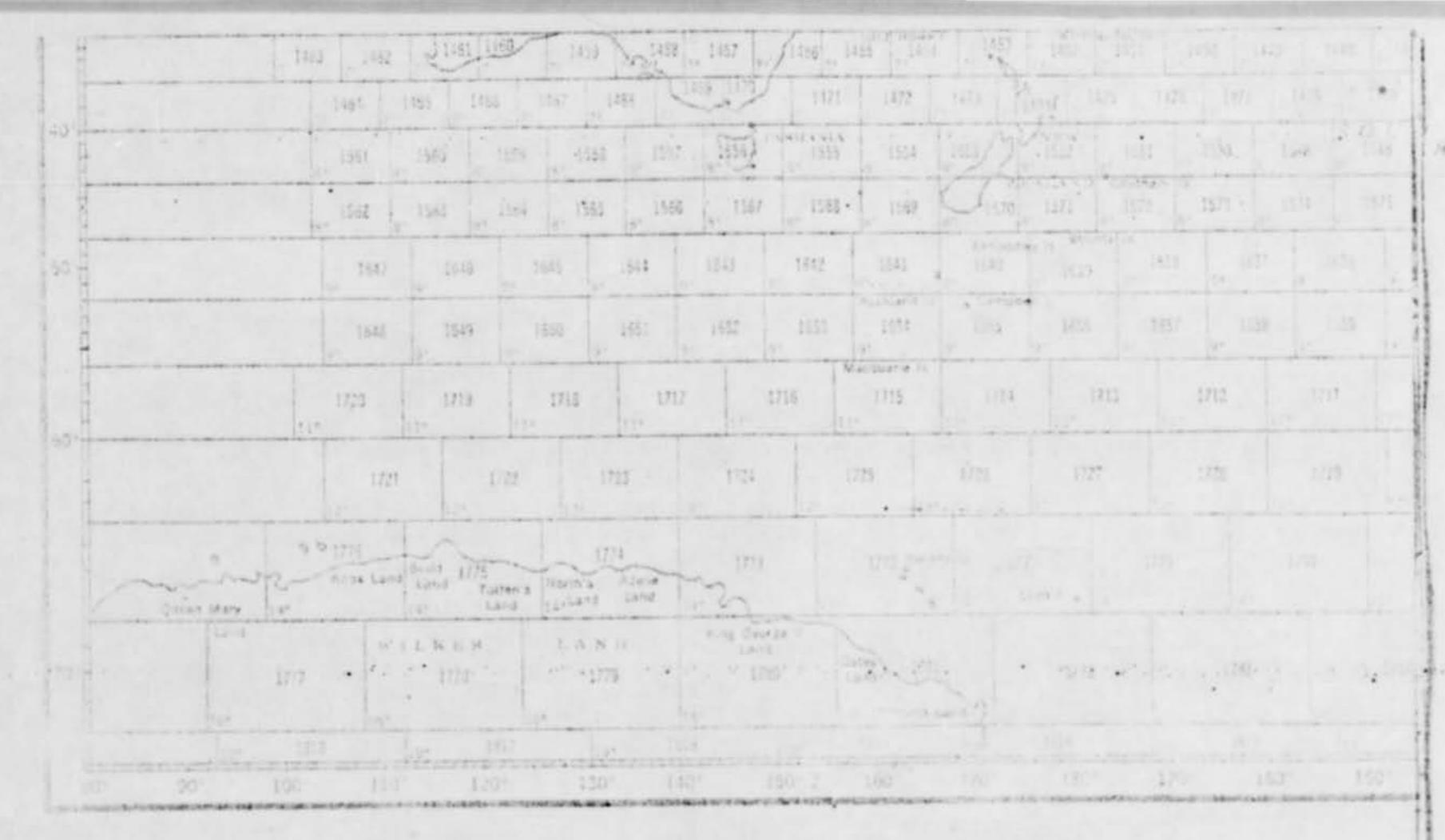
MOWELL A

MISCELLANEOUS

Magica of Shirts in 19 and 11 mores.



Sente Int. Bulling on 1 inch - 15.8 miles



WORLD AERONAUTICAL CHART INDEX

Scale of Series 1:1,000,000

To insure that the airman has the latest information available, U. S. World Asychnatical Charte are revised it stamments periods and the Alaskan World Assonautions Charts are revised at twelve-month periods. The time of the next scheduled printing is shown on the face of the chart below the date of the aeronautical information.

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Authorized agents for the sale of neronautical charts have been appointed at certain airports and principal cities throughout the United States. The charts may also be obtained from the Director, U. S. Coust and Geodetic Survey. Washington 15, D. C.

MILITARY CHART SUPPLY (Ref: AF Reg. 67-3)

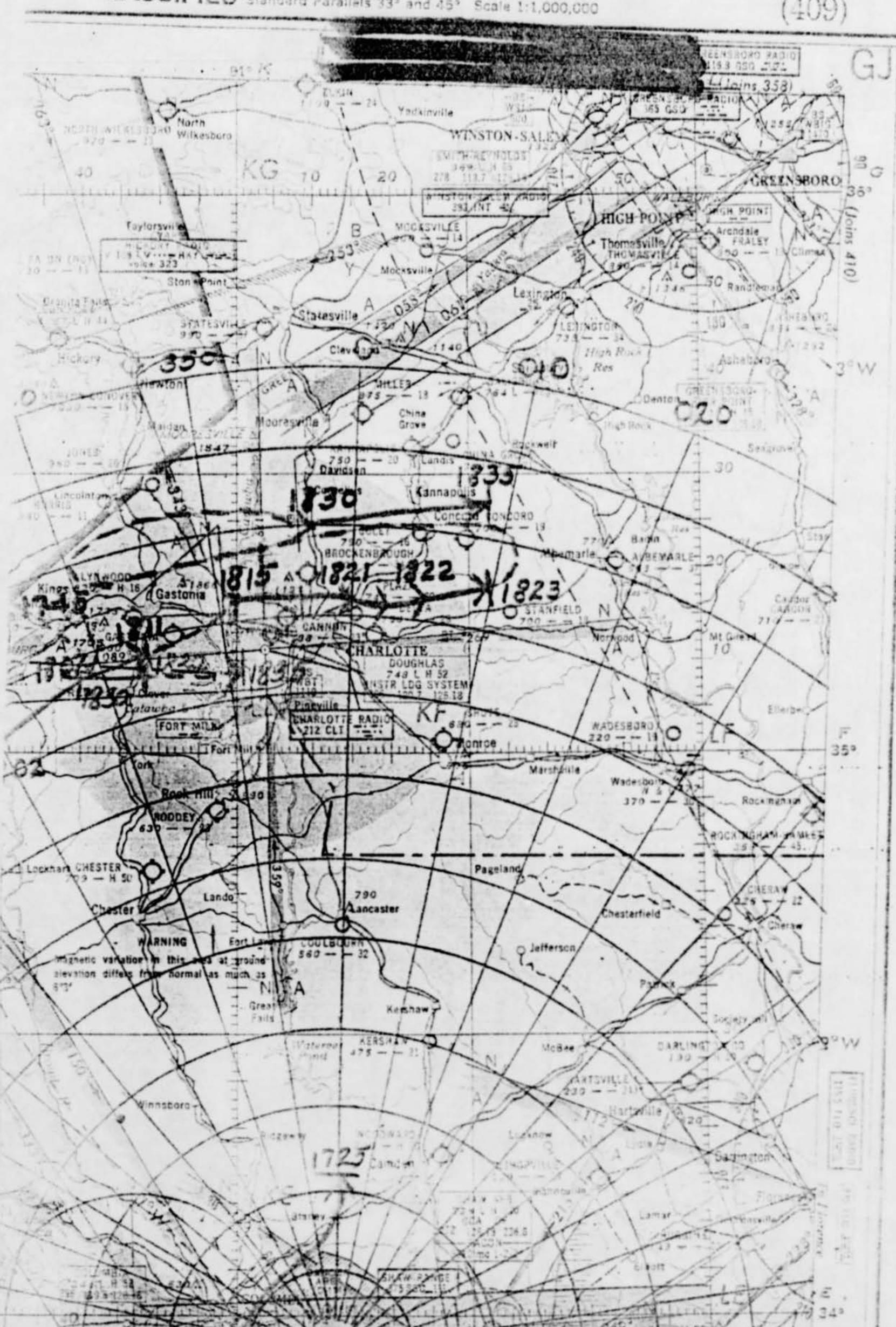
- Aeronautical charts, maps and publications distributed by the Aeronautical Chart Service are indexed or listed in the current edition of the USAF "Catalog of Aeronautical Charts and Related Publications."
 - 2. Requisitioning.
 - a. Outside Continental United States:
- (1) USAF activities are to submit requisitions thru the supply channels designated by the Theater

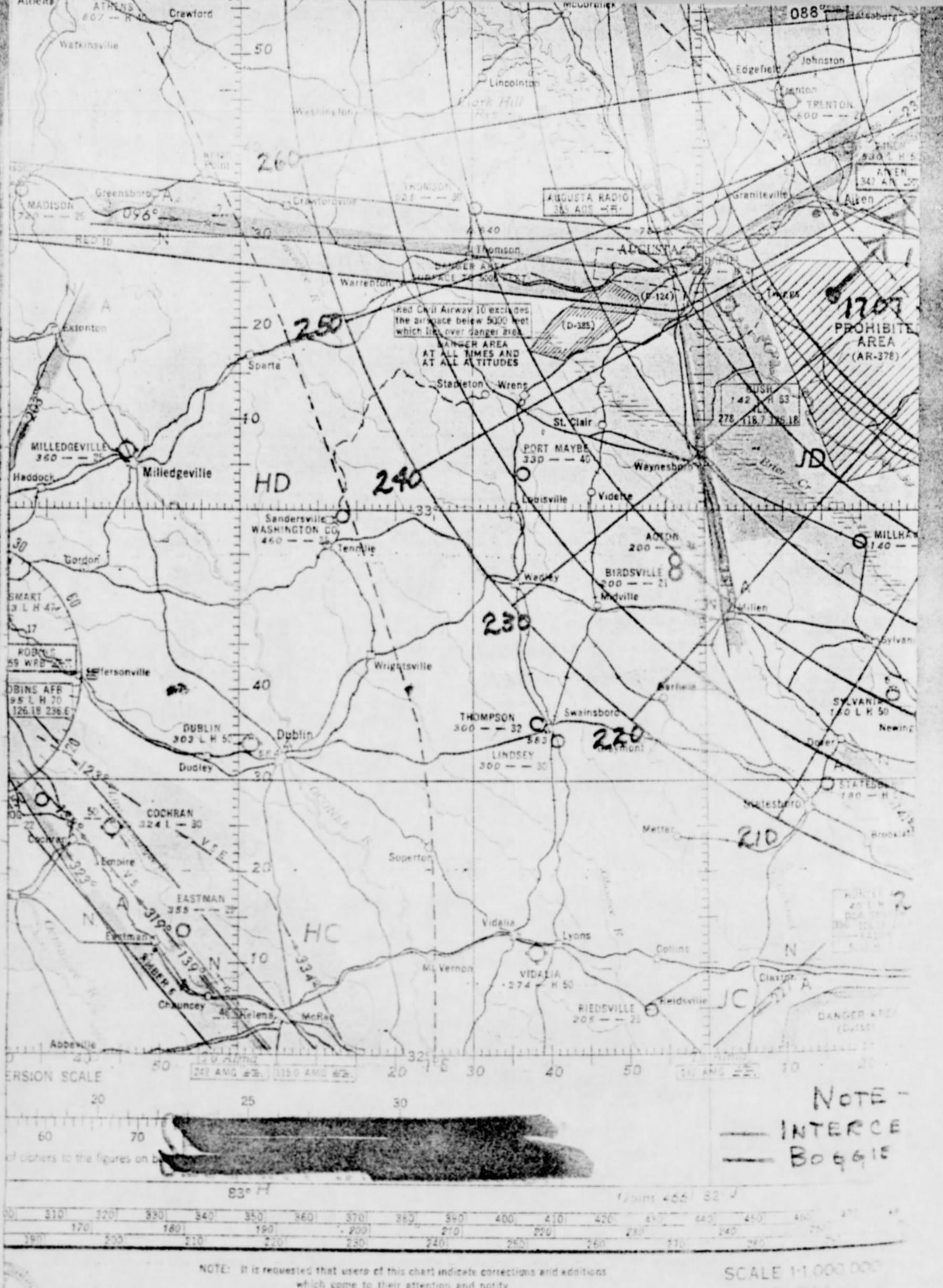
 Commander for maintenance and distribution of aeronautical charts and maps.
 - (2) Theater supply facilities are to submit requisitions for replenishment of stocks of seromautical charts and maps thru channels to Headquarters, Aeronautical Chart Service, USAF. Washington 25, D.C.
- b. Within Continental United States: Requisitions from USAF activities within Continental United States are to be submitted to USAF Aeronautical Chart Service Sture, St. Louis, Mo. Except when emanating from an Air Force. Wing, or Charmand Headquarters, regulations are to hear the signature or approval by in incomment of the Base or Station compliance of the Quantities of charts and many requests for the current the maintenance of a Corray month STEEL LINES OF LINES AND SECURE A COMMENT WINDOW
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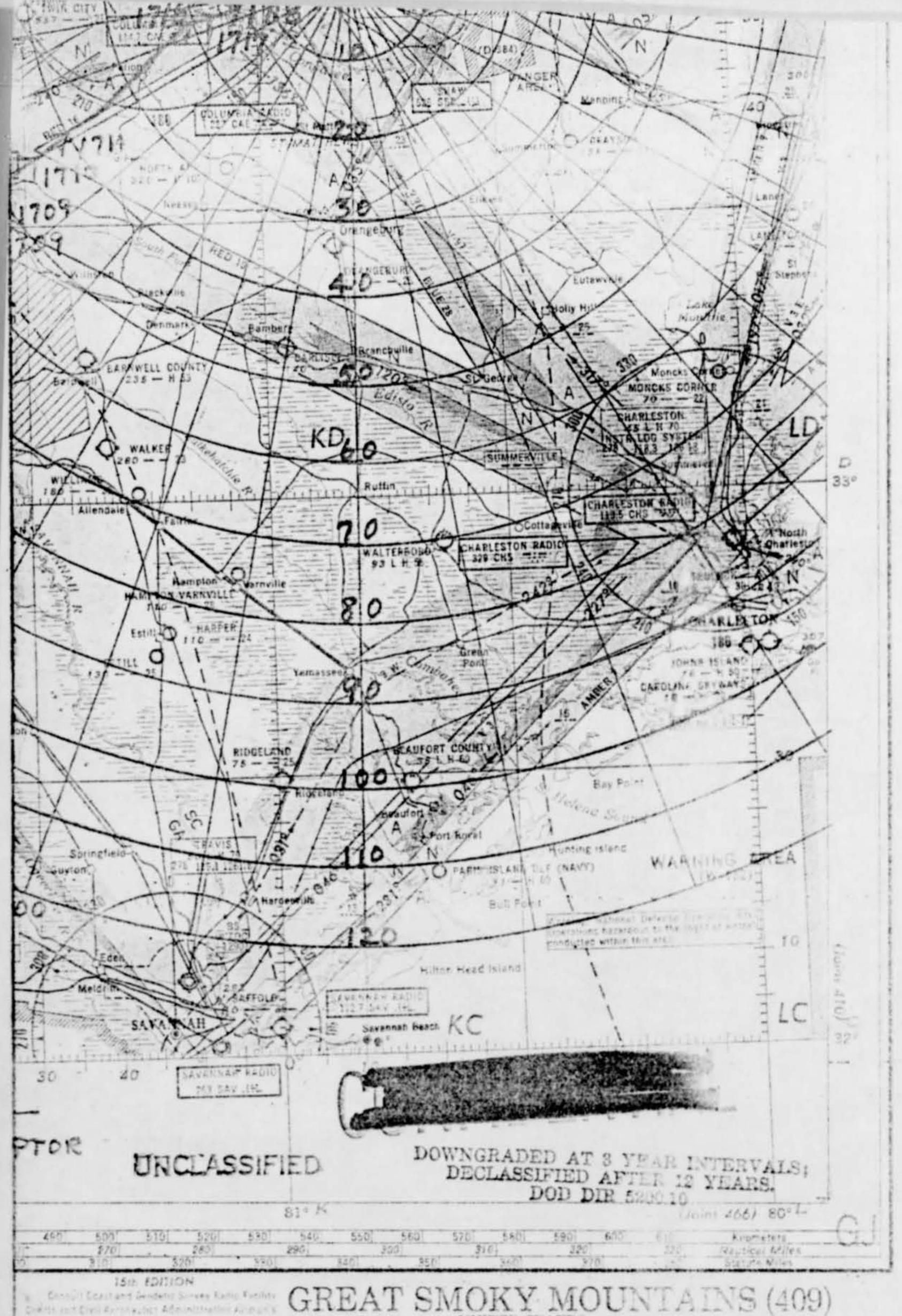
File in Bringha de della THE OHIO STATE UNIVERSITY HOWARD L. BEVIS, President COLUMBUS 10 EMERSON McMILLIN OBSERVATORY April 9, 1953 1st Lieutenant Pobt. Olsson Eright-Patterson Air Force Pase Dayton, Ohio Dear First Lieutenant: Thank you for your letter and comments. I too think that we are getting someplace. This system of weekly reporting and comments -- AND FOLLOW UP---gives continuity. With your aid I should like to make a collection of the truly unknown cases with their follow ups so that a true scientific evaluation can scheday be made. Heretofore there has been so much frustration. Without a follow up on critical points the best cases had little scientific value. I want to get to the lottom of the natural phenomena behind all this. if this is persible We should in time be able to set up some experiments to demonstrate these phenomena, and will be the real proof of the pudding. This can come only be selecting processes and letting the majority of them go by the boards. I hope that you will continue with this work and that we can have occasional meetings. Well, he os on this batch of 16 March. Of the 12 cases in this batch, 4 were without sallon Venus, and a 5th might have been. Two have insufficient data and a ser referring to the same incident seem to be worth definite follow up. Just for the record, the Venus cases were March 6 (Leeds Center), 8,10 and 11. Those of 6 Eris Penn. and 7 March seem most probable to have been some unknown light aircraft. Now to those onat are of some interest, the most important is 5 March, at Shaw AFR. Has the detailed report come yet? I should like very much to see this. I particularly wonder how the object could have speed 200 mph and still have been observed 1 hour. Very important here to establish identicalness of visual and radar sightings. Is the sightings of the same date reported thru Shaw AFB, but seen at Congaree AFB a few hours later refer to the same thing? With reference to the Great Falls, Mont 27 Feb sighting, I make What previous reports?" And finally, on 3 March, Luke AFB, was the 30 feet of gun camera film ever developed? Question: Is it permissible to keep the typed copies of the TTX reports? THEY B HIGH





which come to their attention and notify "THE DIRECTOR, U.S. COAST AND GEODETIC SURVEY, WASHINGTON 25, D. C."

Date of magnetic information 1950

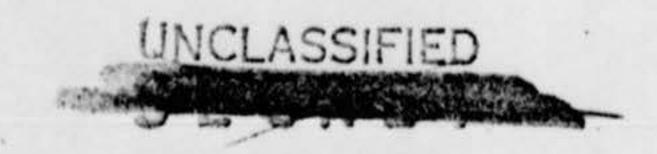


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GREAT SMOKY MOUNTAINS (409)

U.S. AIR FORCE EDITION



5/6/1

South Carolina Area

5 March 1953

I. DESCRIPTION

At 1545 EST, the Assistant Director of Security at the Savannah River Project observed a silver crescent-shaped object visually from the ground for a period of one hour. This object was at a very high altitude, and very little information was obtained through interrogation of the observer.

A Detachment of the 727th AC&W Squadron at Congaree, South Carolina, was notified as a result of the above visual sighting. They picked up an unidentified plot on their AN/APS-5 type radar at 1707 EST that was approximately 65 miles southwest of Congaree over the Savannah River Project. The Air National Guard was notified with the result that an F-51 type aircraft was airborne within five minutes. The aircraft attempted interception until 1725 EST when the blip faded northwest of Congaree. The F-51 returned to its base.

At 1752 EST another detachment of the 727th AC&W Squadron at Camden, South Carolina picked up a bilp on their AN/TPS-1b type redar. At that time an RF-80 type aircraft was accambled to attempt interception. This unidentified blip was due west of Congaree, and to be sure he had the unidentified on his scope, the operator had the F-80 do an identification turn. This proved that he did not have the F-80 on the scope. When the object was first observed, it was approximately 100 miles west of Congaree. It then reversed its direction, and was 85 miles out heading in a northwest direction, then headed east, then west, and again to the east, fading at 115 miles and 8 degrees from Camden. For a total of 68 minutes, during both radar sightings, aircraft attempted to intercept the unidentified with negative results. At all times, the object stayed at an estimated 20,000 feet altitude, and was doing 200-220 mph.

II. DISCUSSION

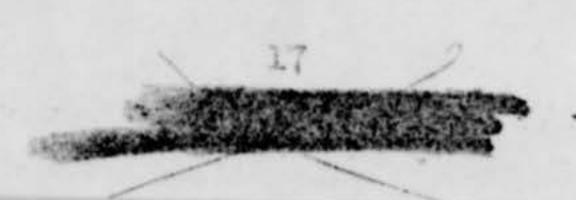
A check was made to determine if there were any aircraft in the vicinity with negative results. There is a time lapse between all three sightings (ground visually at the Savannah River Project to the Congaree sighting was 22 minutes, and from the Congaree sighting to the Camden sighting was 27 minutes), causing some doubt as to whether the three sightings were connected with the same object. There was really not enough information contained in the report concerning the sighting at the Savannah River Project. For the observer to see an object for that long a period, it would have to be traveling at a very slow rate of speed and at a very high altitude for the object stayed overhead for the entire period. The radar observers were very well qualified in their fields, and their equipment was in operating condition. The radar returns were similar to those made by conventional aircraft.

This sighting was sent to the Electronics Branch of ATIC for analysis. This branch, after carefully reviewing the report, evaluated it as possibly a flying aircraft.

III. COMCLUSIOS

Possibly aircraft.

UNCLASSIFIED



THE THE PARTY

)E JESDD 19 /P 051600Z

FM CO 363D TAC RECONNG SHAW AFB SC

TO JEPHQ/DIR OF INTEL HQ USAF WASHDE

JEDWP AIR TECH INTEL CEN URIGHT PATTERSON AFB OHIO

INFO JEDEN/CG ENT AFB COCO SPRINGS COCO

JEPLG/CG TAC LANGLEY AGB VA

JESDF/CG NINTH AF POPE AFB MC

SEND IAU PAR 7C AFL 200-5 DTD 29 APR 52 CKN 1. ONE CRESCENT SHAPED
OBJ SIXE UNK CMA SIVLVER IN COCOR CMA NEGATIVE SOUND CMA TRAIL OR EX-

- 2. 1545 EST 5 MAR 53 PD OBSRD APPROX ONE HR PD
- 3.. VIS AND ELECT PD ELECT EQUIP OF 727TH ACAN SQ USED TO TRACK OBJ

AFTER VIS SIGHTING REPTD PD

4.SIGHTED VISUALELY HOWERING AT A GREAT HEIGHT OVER SAVANNAH RIVER

PROJECT P-378 PD COMPL INFO IN DETAILED RPT PD

JECT PD

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

TO ME I SCHOOL JOHES DE ASST DIE OF SCHOOL CHA SAVALUAR LIVER PROJECT

PD

S. HIGH CIRRUS EST 25,000 FEET 270 AT 90 KNOTS CMA 25,000 FEET 270

- 7. UNKNOW PD
- S. UNKNOWN PD
- 9. F-80 TYPE ACFT SCRAMBLED FR SHAW AFB CMA 1750 EST 5 MAR 53 CMA
 DIRECTED ON 3 GCI'S BY 727TH AC&W PD NEGATIVE VIS CONTACT PD POLIT
 COMPLETELY COVERED AIR SPACE VETWEEN TWENTY THOUSAND AND THIRTY THOUSAND
 FEET AS DIRECTED BY GCI FD BLIP FADED FR RADAR SCREEN 1835 EST PD
 10. UNKNOWN PD

ADD INFO CLN SPEED OF OBJ WAS CONSISTENT FROM 200 TO 220 MPH PD OBJ MADE NO ERRATHIU MOVEMENTS BUT TRAVELED CONSISTENT TRACK AS RETD BY 727TH ACEN PD

DS/22467 MAR JESDD

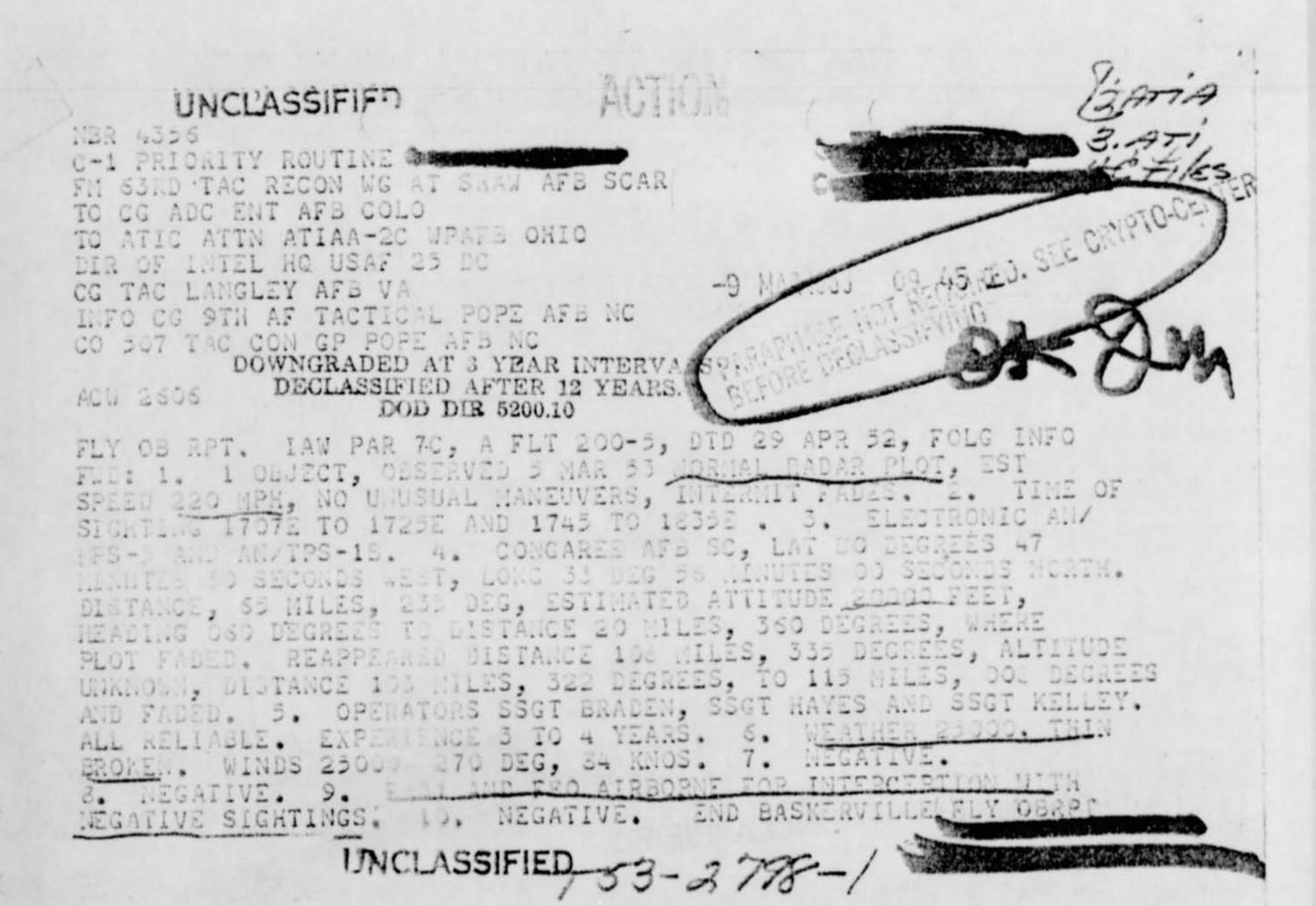
Good nighting - "
UNCLASSIFIED

- 7. UNKNOW PD
- 3. UNKNOWN PD
- 9. F-30 TYPE ACFT SCRAMBLED FR SHAW AFB CMA 175% EST 5 MAR 53 CMA
 DIRECTED ON 3 GCI'S BY 727TH ACLW PD NEGATIVE VIS CONTACT PD POLIT
 COMPLETELY COVERED AIR SPACE VETWEEN TWENTY THOUSAND AND THIRTY THOUSAND
 FRET AS DIRECTED BY GCI PD BLIP FADED FR RADAR SCREEN 1835 EST PD
 10. UNKNOWN PD
- ADD INFO CLN SPEED OF OBJ WAS CONSISTENT FROM 250 TO 220 MPM PD OBJ

TETTH ACAN PD

JS/22467 MAR JESDD

UNCLASSIFIED



UNCLASSIFIED

HELD UARTERS

363D TACTICAL RECOMMAISSANCE WING Shaw Air Force Base, South Carolina

R.TOI 319.1

7 March 1953

SUBJECT: Unidentified Flying Object Report

TO:

Chief Air Technical Intelligence Center ATTN: ATLAA-2C Wright-Patterson air Force Base Ohio

In compliance with instructions your headquarters, 6 February 1953, Unidentified Flying Object is herewith resubmitted.

FOR THE COLLANDING OFFICER:

2 Tunla

1. AF Form 112 - Pt I (1 cy)

2. AF Form 112 - Pt II (1 cy) EWALD C. BRAEUNIG Captain, USAF

Adjutant

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

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