

PROJECT 10073 RECORD

1. LOCATION D. 10, Ave. Virginia	
2. SOURCE MILITARY	10. CONCLUSION UNKNOWN
4. NUMBER OF OBJECTS 1	11. BRIEF SUMMARY AND ANALYSIS SEE CASE FILE
5. LENGTH OF OBSERVATION Not stated	
6. TYPE OF OBSERVATION Ground Visual	
7. COURSE Not stated	
8. PHOTOS ☐ Yes ☒ No	
9. PHYSICAL EVIDENCE ☐ Yes ☒ No	

United States

TAC IR-8-52

UNCLASSIFIED

FLYOVERPT

Langley Air Force Base, Virginia

Deputy Chief of Staff, Intelligence,
Hq Tactical Air Command, Langley AFB, Va.

29 July 1952

26 July 1952

~~XXXXXXXXXXXX~~ WOJG, USAF

Captain ~~XXXXXXXXXXXX~~
1909-7 AACS Det. Langley AFB, Va.

AFL 200-5, 29 April 1952

This report covers two (2) unidentified target sightings by members of the 1909-7 AACS Detachment, Langley Air Force Base, Virginia. All persons named in this report are experienced observers and have had considerable experience with radar equipment.

APPROVED:

DONALD M. WACKNITZ
Colonel, USAF
Act'g Deputy Chief
of Staff, Intelligence

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

1 cy sent Chief, ATIC, Attn: ATIAA-2a


UNCLASSIFIED

[REDACTED]
[REDACTED]
UNCLASSIFIED

DCS/I, Hq TAC, Langley AFB, Va TAC IR - 8 - 52

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REPORT I.

At approximately 1430, 26 July 1962, Captain [REDACTED] and T/Sgt [REDACTED] 1909-7 AACCS Detachment, Langley Air Force Base, Virginia, for two minutes on a radar scope observed an unidentified target approaching Langley Air Force Base from the south, from a distance of approximately 15 miles. The unidentified target was observed to be moving extremely fast and disappeared from the radar scope at 8 miles south of Langley Air Force Base. Speed of the target was determined to be approximately 2,600 miles per hour (speed determined by seven (7) sweeps on radar scope). The altitude of the unidentified target was below 5,000 feet. Observation was made on an AN/MPN-1C radar set.

Weather at the time of sightings: Clear, visibility 12 miles, temperature 87°, dew point 61, surface winds ESE at 3 knots. A few cumulus clouds to the west at 4,000 feet.

REPORT II.

At approximately 1450, 26 July 1962, Captain [REDACTED] T/Sgt [REDACTED] 1909-7 AACCS Detachment, Langley Air Force Base, Virginia, and Mr. [REDACTED] Contractor Technician for radar equipment, (AN/MPN-1C), used by this AACCS Detachment, observed for four (4) minutes on a radar scope an unidentified target. This target was observed moving away from Langley Air Force Base in an easterly direction. At a distance of approximately 12 miles the target stopped and hovered for approximately 2 minutes, and then resumed its flight in an easterly direction until it disappeared off the radar scope, approximately 15 miles from Langley Air Force Base.

The speed of this unidentified target was not measured, but was extremely high, (estimated greater than that of any known existing aircraft of the USAF).

Captain ~~XXXXX~~, after noticing the unidentified target, telephoned the Langley Air Force Base Control Tower and asked them to scan the eastern skies with binoculars; but no foreign objects were observed.

The maximum effective height at which the AN/MPN-1C radar set can operate is 5,000 feet; therefore, it was assumed that the unidentified target was at or below this altitude. The return echo from this object was much larger in area than that of an ordinary aircraft and was fuzzy in appearance. Captain Moore stated that he had worked with AC&W squadrons in the GCI section, and had never witnessed an object like this on a radar scope before.

Weather same as Report I.

EDWIN S. HOFFMAN
WOJG, USAF
Act'g Director of
Collection

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DECLASSIFIED AFTER 12 YEARS.
DOD DIR 5200.10

UNCLASSIFIED

[REDACTED]

1251588

3113

UNCLASSIFIED

1. ATIAA
2. ATIA
3. C. Files
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23 JUL 1952 10 10 2
1952 JUL 12

RW

RE100M

WPD165

YDB176

TYC157

TDB152

JEPLG A116

PP JEPHQ JEDEN JEDWP 333

DE JEPLG 20D

P 261700Z ZNJ ZEX

FM HQ 4430TH AIR BASE WG LANGLEY AFB VA

TO JEPHQ/DIR INTELLIGENCE HQ USAF WASHDC

JEDWP/AIR TECHNICAL INTELLIGENCE CENTER WRIGHT PATTERSON AFB OHIO

JEDEN/CG ENT AFB COLORADO SPRINGS COLO

[REDACTED] VOI 7-794 PD ATTN CLN ATIAA-2C PD FLYOBRPT PD BLUE

COLOR FLYING OBJECT SIGHTED 0030 EST 26 JUL AT APPROX 1500 FEET OVER

JAMES RIVER BRIDGE CMA NEWPORT NEWS CMA VA PD SIGHTED VISUALLY FROM

WEATHER STATION ON ROOF DAILY PRESS CMA INC PD 215-17 25TH STREET

CMA NEWPORT NEWS CMA VA PD BY [REDACTED] CMA JR [REDACTED]

[REDACTED] PD OBJECT RELATIVELY STATIONARY CMA NO EXHAUST TRAIL CMA

NO SOUND CMA NO FRAGMENTS CMA SIZE UNDETERMINED CMA LENGTH OF

OBSERVATION APPROX ONE HOUR PD AT 0130 EST OBJECT MOVED SLOWLY OVER BALL

PARK CMA 39TH STREET CMA NEWPORT NEWS CMA VA PD ALTITUDE APPROX 5000

FEET PD COLOR CHANGED RED CMA WHITE CMA GREEN PD STAFF SERGEANT [REDACTED]

DOWNGRADED AT 8 YEAR INTERVALS;
DECLASSIFIED AFTER 12 YEARS.
DOD DIR 5200.10

UNCLASSIFIED

UNCLASSIFIED

PAGE TWO JEPLG 20D

~~██████████~~ CMA SIX YEARS EXPERIENCE AND A/2C ~~██████████~~ CMA ONE YEAR
EXPERIENCE CMA LAFB TOWER OPERATORS ON DUTY CMA SIGHTED VISUALLY AT
0145 EST BLUSISH COLORED OBJECT WEST SOUTH WEST OF TOWER 240 DEGREES
TEN MILES FROM TOWER PD FLYING OBJECT MOVED STRAIGHT UP CMA DISAPPEARING
AT APPROX FIVE THOUSAND FEET PD OBJECT RESEMBLED LIGHTED COTTON BALL PD
LENGTH OF OBSERVATION FIVE TO SIX SECONDS PD TWO F-94S DISPATCHED FROM
SALISBURY ADIZ CMA FORT CUSTIS CMA VA PD AT 0125 EST F-94 MADE RADAR
CONTACT 10 CMA 000 FEET FOR TWO MINUTES WITH FOUR OBJECTS FLYING VICTOR
FORMATION PD SHOOTING STARS SIGHTED IN GENERAL VICINITY BY F-94S AT
0221 EST PD HAMPTON WEATHER CLN 0145 EST CLN CLEAR CMA TWELVE MILES
VISIBILITY CMA WIND CALM CMA TEMPERATURE SEVENTY DEGREES CMA ALTIMETER
30 PNT22 PD WINDS AT SIX THOUSAND FEET OVER NORFOLK CMA VA PD NINE KNOTS
FROM 320 DEGREES PD PIEDMONT LINES A/C PASSED OVER EDGE OF
LAFB AT 0120 EST FROM RICHMOND CMA VA PD TO NORFOLK AIRPORT PD
ADDITIONAL INFORMATION FOLLOWS IN WRITTEN REPORT PD
26/1834Z JUL JEPLG

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DECLASSIFIED AFTER 12 YEARS.
DOD DIR 5200.10

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23 JUL 1952 10 09

RA005PE007

YDA009

1952 JUL 01 23

1. ATIAA
2. ATIAA
3. C. FILE
ACTION INFO
1952 JUL 26 20:3

TYE002

TMA001

BT03

BGG A172

P JEPHQ JEDWP JEDEN JEPNB JEPLG 555

DE BEGW 7SD

P 261932Z

FM CO 771ST AC W SQDN FT ~~WORTH~~ ^{Eusti} VA

TO JEPHQ/HQS USAF WASH DC

JEDWP/CG WRIGHT PATTERSON AFB OHIO

JEDEN/CG ADC ENT AFB COLO SPRINGS COLO

INFO JEPNB/CG EADF STEWART AFB NEWBURGH NY

JEPLG/CG TAC LANGLEY AFB VA

JEPQW/CG 26TH ADIV DEF ROSLYN NY

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

~~REDACTED~~ ACGDOH 972 HQS USAF ATTN DIR OF INTELL CIN CMA

WRIGHT-PATTERSON ATTN CLN ATIAA 2C PD FLYOBRPT SMCLN IAW AF LTR

200-5 DTD TWO NINE APR FIVE TWO CMA FOLG IS SUBMTD IAW PAR SEVEN

CHARLIE PD PAR ONE CMA AT LEAST FOUR OBJECTS SIGHTED CMA POSSIBLY

VICTOR FORMATION PD NO AERO DYNAMIC FEATURES CMA TRAIL CMA EXHAUST

CMA PROPULSION SYSTEM CMA SPEED CMA SOUND CMA OR MANEUVERS RPTD PD

OBJECTS RPTD CHANGING COLORS FROM RED TO BLUE TO WHITE PD PAR TWO CMA

FIRST RPT RECEIVED AT ZERO FIVE THREE THREE ZEBRA TWO SIX JULY FIVE. ^{0533Z}

TWO PAREN ALL TIVES THIS MSG FOR SAME DATE PAREN OBJECTS STILL VISIBLE

BY OBSERVER AT ZERO SEVEN FOUR ZERO ZEBRA PD PAR THREE CMA VISUAL FROM

THE GROUND FIRST RPT WAS FROM CIVILIAN CMA OTHER RPTS FROM NAVAL RADAR

CMA LANGLEY AFB TOWER OPERATOR AND USAF FIGHTER PILOTS PD SECOND RPT WAS

PAGE TWO BEGW 79D

0552 Z

AT ZERO FIVE FIVE TWO ZEBRA FROM NAVAL RADAR STATION AT NOB NORFOLK PD
LANGLEY SIGHTING WZS AT ZERO SIX TWO ZERO ZEBRA PD ^{0620 Z} USAF FTR PILOT AT
ZERO SEVEN ^{0701 Z} ZERO ONE ZEBRA PD PAR FOUR CMA CIVILIAN OBSERVER WAS
IN NEWPORT NEWS VIRGINIA CMA THREE SEVEN DEGREES ONE MINUTE NORTH LAT
CMA SEVEN SIX DEGREES TWO FOUR MIN WEST LONG SMCLN MIL OBSERVERS WERE
TOWER OPERATORS AT LANGLEY AFB CMA THREE SEVEN DEGREES FIVE MIN NORTH LAT
CMA SEVEN SIX DEGREES TWO SIX MIN WEST LONG SMCLN NAVAL RADAR AT THREE
SIX DEGREES FIVE SIX MIN NORTH LAT CMA SEVEN SIX DEGREES ONE EIGHT MIN
WEST LONG PD CIVILIAN OBSERVER SAID OBJECTS MOVED IN A NORTHEASTERLY
DIRECTION FOR A DISTANCE OF FIVE MILES PD LANGLEY TOWER OPERATORS
SIGHTED OBJECTS AT TWO FOUR ²⁴⁰⁰ ZERO DEGREES CMA EIGHT MILES FROM TOWER PD
NOB NORFOLK GAVE BEARING OF OBJECTS AS THREE FOUR ³⁴⁰ ZERO DEGREES TEN MILES
PD NAVAL RADAR STATED THEY DETECTED FOUR OBJECTS WHICH SEEMED STATION-
ARY CONTACT WAS MAINTAINED FOR ONLY FOUR MINUTES PD CIVILIAN RPTD
OBJECTS WERE AT TWO THOUSAND FT CMA AND LANGLEY AFB TOWER OPERATORS
REPORTED THEM AT FIVE THOUSAND FT PD BOTH SAID OBJECTS WENT STRAIGHT
UP PD PAR FIVE CMA CIVILIAN OBSERVER IS [REDACTED] FOR [REDACTED]
[REDACTED] PD HE IS NOT A PILOT PD MILITARY PERSONNEL
ARE EXPERIENCED AND QUALIFIED AND THE RELIABILITY THAT SOME OBJECTS
WERE SIGHTED IS PROBABLY TRUE PD PAR SIX CMA WEATHER CLEAR CMA
VISIBILITY TWELVE MILES CMA WINDS ALOFT CMA CALM AND VARYING FROM ONE
ONE ZERO DEGREES CMA ELEVEN KNOTS AT ONE THOUSAND FT TO FROM THREE

PAGE THREE BEGW 79D

SIX ZERO DEGREES CMA FIVE KNOTS AT FOURTEEN THOUSAND FT PD PAR SEVEN
CMA FTR PILOT RPTD SHOOTING STARS IN VICINITY OF PORTSMOUTH VIRGINIA
PD NO OTHER ACTIVITY OR CONDITION OF AN UNUSUAL NATURE PD PAR EIGHT
CMA NONE PD PAR NINE CMA FTRS OF THE ONE FOUR EIGHT FTR SQDN WERE
SCRAMBLED AT ZERO SIX ONE ONE ZEBRA AND REMAINED IN AND SEARCHED
THE AREA UNTIL ZERO SEVEN THREE FOUR ZEBRA PD THEY RPTD ONE ABLE ITEM
CONTACT OF FOUR OBJECTS IN A VICTOR FORMATION PD CONTACT WAS LOST
AFTER ABOUT THREE MINUTES PD NO OTHER SIGHTINGS RPTD BY THE FTRS
EXCEPT THE SHOOTING STARS OVER PORTSMOUTH PD PAR TEN CMA NONE RPTD
FROM ANY SOURCE PD END

26/2145Z JUL BEGW

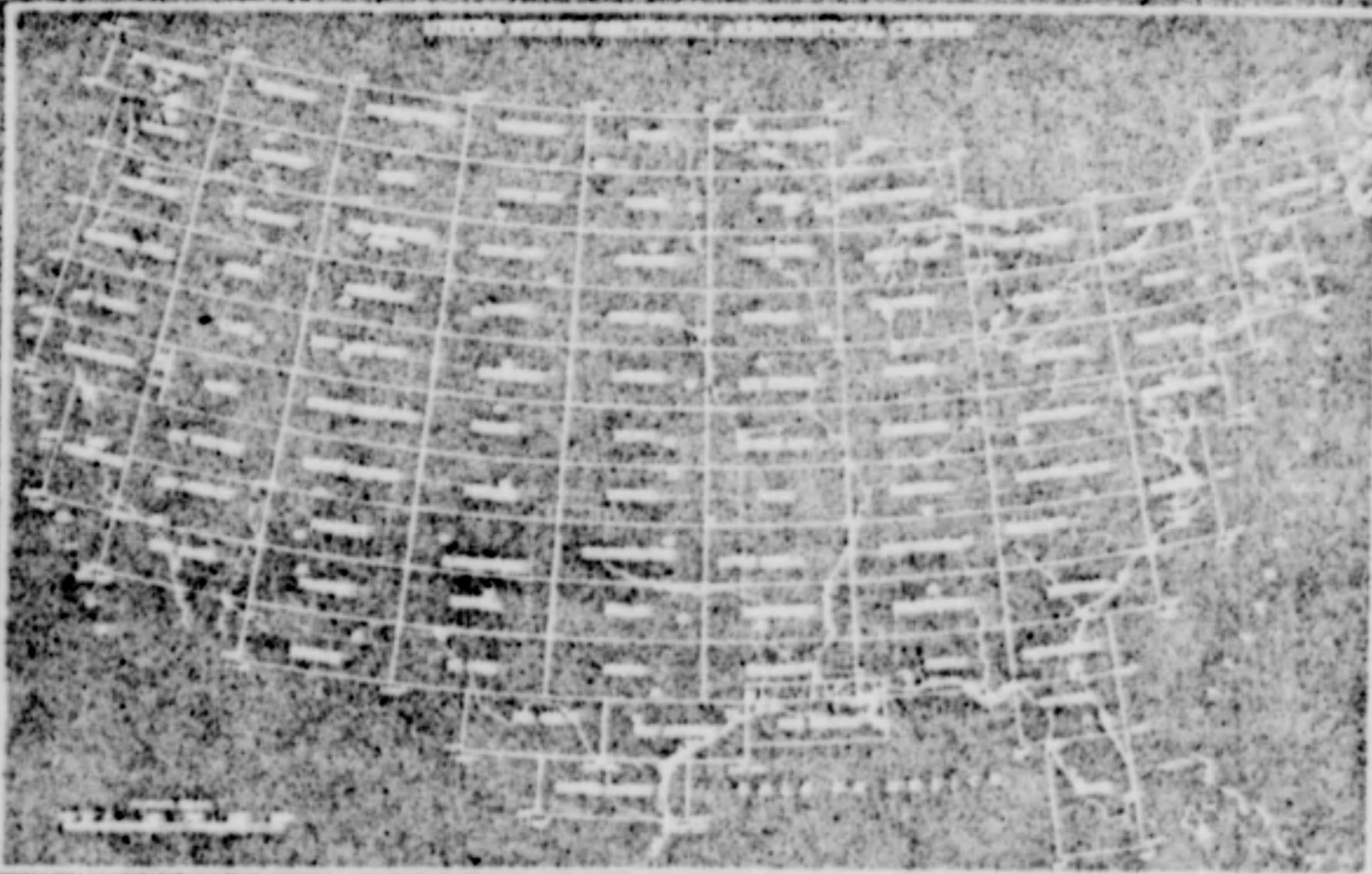
DOWNGRADED AT 3 YEAR INTERVALS;
DECLASSIFIED AFTER 12 YEARS.
DOD DIR 5200.10

cy-1

UNION

1. The first part of the document is a letter from the President of the United States to the Congress, dated January 3, 1862. It is a message of condolence to the people of the State of California, who have been afflicted by a severe drought. The President expresses his sympathy for the suffering and his hope that the Congress will take prompt action to relieve the distress.

1990

[illegible]

ADDITIONAL AERONAUTICAL PHOTOGRAPHY AND PRINTS BY
THE U.S. COAST AND GEODETIC SURVEY

The first of these is the fact that the
 government has been unable to raise the
 necessary funds to finance its operations.
 This has led to a severe shortage of
 funds, which has in turn led to a
 severe shortage of goods and services.
 The second of these is the fact that the
 government has been unable to raise the
 necessary funds to finance its operations.
 This has led to a severe shortage of
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 The tenth of these is the fact that the
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...the ... of ...

and others, furnished the police with information. When police officers and a man went to the plant to check his story in the afternoon, they found the machinery was not running and the place was empty. The police said they did not know who had called the number T20-26, a word which was available from Office of Technical Services, 2224 Constitution Avenue, Washington 25, D.C.

APR 1961



1875

1917

[Faint, illegible text]

1990

1990

GROUND TO AIR: MERCEDES-BENZ DISCOVERIES

1990

THE UNIVERSITY OF CHICAGO

...the ... of ...

1991

1950

1990

1944

1944

Visual Emergency Signals



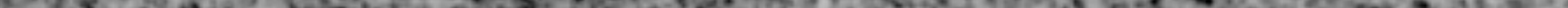
1990



H

Figure 1 consists of four grayscale micrographs labeled (a) through (d), showing the progression of atherosclerosis in the aorta of a 12-month-old ApoE^{-/-} mouse. Panel (a) shows a normal aorta with a clear lumen and thin wall. Panel (b) shows the aorta with small lipid droplets (indicated by arrows) in the intima. Panel (c) shows the aorta with large lipid droplets (indicated by arrows) in the intima. Panel (d) shows the aorta with a large atherosclerotic plaque (indicated by an arrow) in the intima.

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1994-1995

TABLE 1									
Year	1950	1951	1952	1953	1954	1955	1956	1957	1958
Population	1,000,000	1,050,000	1,100,000	1,150,000	1,200,000	1,250,000	1,300,000	1,350,000	1,400,000
Area	100	100	100	100	100	100	100	100	100
Population Density	10	10.5	11	11.5	12	12.5	13	13.5	14
Area Density	10	10	10	10	10	10	10	10	10
Population per Area	10	10.5	11	11.5	12	12.5	13	13.5	14
Area per Population	10	9.5	9	8.5	8	7.5	7	6.5	6
Population per Area Density	10	10.5	11	11.5	12	12.5	13	13.5	14
Area per Population Density	10	9.5	9	8.5	8	7.5	7	6.5	6
Population per Area Density	10	10.5	11	11.5	12	12.5	13	13.5	14
Area per Population Density	10	9.5	9	8.5	8	7.5	7	6.5	6

TABLE 2									
Year	1950	1951	1952	1953	1954	1955	1956	1957	1958
Population	1,000,000	1,050,000	1,100,000	1,150,000	1,200,000	1,250,000	1,300,000	1,350,000	1,400,000
Area	100	100	100	100	100	100	100	100	100
Population Density	10	10.5	11	11.5	12	12.5	13	13.5	14
Area Density	10	10	10	10	10	10	10	10	10
Population per Area	10	10.5	11	11.5	12	12.5	13	13.5	14
Area per Population	10	9.5	9	8.5	8	7.5	7	6.5	6
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TABLE 3									
Year	1950	1951	1952	1953	1954	1955	1956	1957	1958
Population	1,000,000	1,050,000	1,100,000	1,150,000	1,200,000	1,250,000	1,300,000	1,350,000	1,400,000
Area	100	100	100	100	100	100	100	100	100
Population Density	10	10.5	11	11.5	12	12.5	13	13.5	14
Area Density	10	10	10	10	10	10	10	10	10
Population per Area	10	10.5	11	11.5	12	12.5	13	13.5	14
Area per Population	10	9.5	9	8.5	8	7.5	7	6.5	6
Population per Area Density	10	10.5	11	11.5	12	12.5	13	13.5	14
Area per Population Density	10	9.5	9	8.5	8	7.5	7	6.5	6
Population per Area Density	10	10.5	11	11.5	12	12.5	13	13.5	14
Area per Population Density	10	9.5	9	8.5	8	7.5	7	6.5	6

PILOT'S GUIDE FOR COMMUNICATING WITH AIRWAY STATIONS

Reference to the National Transportation Safety Board's report on the crash of the TWA flight 2605 on November 1, 1971, is made for information on the use of the word "stand by" in the context of air traffic control.

When a pilot is in contact with an airway station, the pilot should use the following procedures to communicate with the station.

NAME OF AIRWAY STATION. CAA (Civilian Aeronautics Administration) or FAA (Federal Aviation Administration) followed by the name of the station.

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NAUTICAL MILES

The following table shows the conversion of nautical miles to statute miles and vice versa. The table is based on the fact that one nautical mile is equal to 1.15 statute miles.

Nautical Miles	Statute Miles
1	1.15
2	2.30
3	3.45
4	4.60
5	5.75
6	6.90
7	8.05
8	9.20
9	10.35
10	11.50
11	12.65
12	13.80
13	14.95
14	16.10
15	17.25
16	18.40
17	19.55
18	20.70
19	21.85
20	23.00
21	24.15
22	25.30
23	26.45
24	27.60
25	28.75
26	29.90
27	31.05
28	32.20
29	33.35
30	34.50
31	35.65
32	36.80
33	37.95
34	39.10
35	40.25
36	41.40
37	42.55
38	43.70
39	44.85
40	46.00
41	47.15
42	48.30
43	49.45
44	50.60
45	51.75
46	52.90
47	54.05
48	55.20
49	56.35
50	57.50
51	58.65
52	59.80
53	60.95
54	62.10
55	63.25
56	64.40
57	65.55
58	66.70
59	67.85
60	69.00
61	70.15
62	71.30
63	72.45
64	73.60
65	74.75
66	75.90
67	77.05
68	78.20
69	79.35
70	80.50
71	81.65
72	82.80
73	83.95
74	85.10
75	86.25
76	87.40
77	88.55
78	89.70
79	90.85
80	92.00
81	93.15
82	94.30
83	95.45
84	96.60
85	97.75
86	98.90
87	100.05
88	101.20
89	102.35
90	103.50
91	104.65
92	105.80
93	106.95
94	108.10
95	109.25
96	110.40
97	111.55
98	112.70
99	113.85
100	115.00

CONVERSION TABLE

STATUTE MILES TO NAUTICAL MILES		NAUTICAL MILES TO STATUTE MILES	
Statute Miles	Nautical Miles	Nautical Miles	Statute Miles
1	0.87	1	1.15
2	1.74	2	2.30
3	2.61	3	3.45
4	3.48	4	4.60
5	4.35	5	5.75
6	5.22	6	6.90
7	6.09	7	8.05
8	6.96	8	9.20
9	7.83	9	10.35
10	8.70	10	11.50
11	9.57	11	12.65
12	10.44	12	13.80
13	11.31	13	14.95
14	12.18	14	16.10
15	13.05	15	17.25
16	13.92	16	18.40
17	14.79	17	19.55
18	15.66	18	20.70
19	16.53	19	21.85
20	17.40	20	23.00
21	18.27	21	24.15
22	19.14	22	25.30
23	20.01	23	26.45
24	20.88	24	27.60
25	21.75	25	28.75
26	22.62	26	29.90
27	23.49	27	31.05
28	24.36	28	32.20
29	25.23	29	33.35
30	26.10	30	34.50
31	26.97	31	35.65
32	27.84	32	36.80
33	28.71	33	37.95
34	29.58	34	39.10
35	30.45	35	40.25
36	31.32	36	41.40
37	32.19	37	42.55
38	33.06	38	43.70
39	33.93	39	44.85
40	34.80	40	46.00
41	35.67	41	47.15
42	36.54	42	48.30
43	37.41	43	49.45
44	38.28	44	50.60
45	39.15	45	51.75
46	40.02	46	52.90
47	40.89	47	54.05
48	41.76	48	55.20
49	42.63	49	56.35
50	43.50	50	57.50
51	44.37	51	58.65
52	45.24	52	59.80
53	46.11	53	60.95
54	46.98	54	62.10
55	47.85	55	63.25
56	48.72	56	64.40
57	49.59	57	65.55
58	50.46	58	66.70
59	51.33	59	67.85
60	52.20	60	69.00
61	53.07	61	70.15
62	53.94	62	71.30
63	54.81	63	72.45
64	55.68	64	73.60
65	56.55	65	74.75
66	57.42	66	75.90
67	58.29	67	77.05
68	59.16	68	78.20
69	60.03	69	79.35
70	60.90	70	80.50
71	61.77	71	81.65
72	62.64	72	82.80
73	63.51	73	83.95
74	64.38	74	85.10
75	65.25	75	86.25
76	66.12	76	87.40
77	66.99	77	88.55
78	67.86	78	89.70
79	68.73	79	90.85
80	69.60	80	92.00
81	70.47	81	93.15
82	71.34	82	94.30
83	72.21	83	95.45
84	73.08	84	96.60
85	73.95	85	97.75
86	74.82	86	98.90
87	75.69	87	100.05
88	76.56	88	101.20
89	77.43	89	102.35
90	78.30	90	103.50
91	79.17	91	104.65
92	80.04	92	105.80
93	80.91	93	106.95
94	81.78	94	108.10
95	82.65	95	109.25
96	83.52	96	110.40
97	84.39	97	111.55
98	85.26	98	112.70
99	86.13	99	113.85
100	87.00	100	115.00



RADIOTELEGRAPHIC CODE

Letter	Code	Letter	Code
A	0000	N	1111
B	0001	O	1112
C	0002	P	1113
D	0003	Q	1114
E	0004	R	1115
F	0005	S	1116
G	0006	T	1117
H	0007	U	1118
I	0008	V	1119
J	0009	W	1120
K	0010	X	1121
L	0011	Y	1122
M	0012	Z	1123
N	0013		
O	0014		
P	0015		
Q	0016		
R	0017		
S	0018		
T	0019		
U	0020		
V	0021		
W	0022		
X	0023		
Y	0024		
Z	0025		

NAVY DEFENSE IDENTIFICATION ZONES (ADIZ)



These zones are defined by the Department of Defense for the purpose of identifying aircraft in the Eastern United States and Atlantic Ocean. The zones are defined by the following boundaries:

- Eastern ADIZ:** The area extending from the Eastern United States coastline to the 100-degree meridian.
- Atlantic ADIZ:** The area extending from the 100-degree meridian to the 120-degree meridian.

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- Eastern ADIZ:** The area extending from the Eastern United States coastline to the 100-degree meridian.
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NAVY CHARTAGE (10)

The Navy Chartage (10) is a document that provides information on the Navy's chartage system. The chartage system is a system of identifying aircraft in the Eastern United States and Atlantic Ocean. The chartage system is defined by the following boundaries:

- Eastern ADIZ:** The area extending from the Eastern United States coastline to the 100-degree meridian.
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- Eastern ADIZ:** The area extending from the Eastern United States coastline to the 100-degree meridian.
- Atlantic ADIZ:** The area extending from the 100-degree meridian to the 120-degree meridian.

TABLE OF V.I.F. RECEPTION DISTANCES

Frequency (MHz)	Reception Distance (Miles)
1.5	100
2.0	150
2.5	200
3.0	250
3.5	300
4.0	350
4.5	400
5.0	450
5.5	500
6.0	550
6.5	600
7.0	650
7.5	700
8.0	750
8.5	800
9.0	850
9.5	900
10.0	950

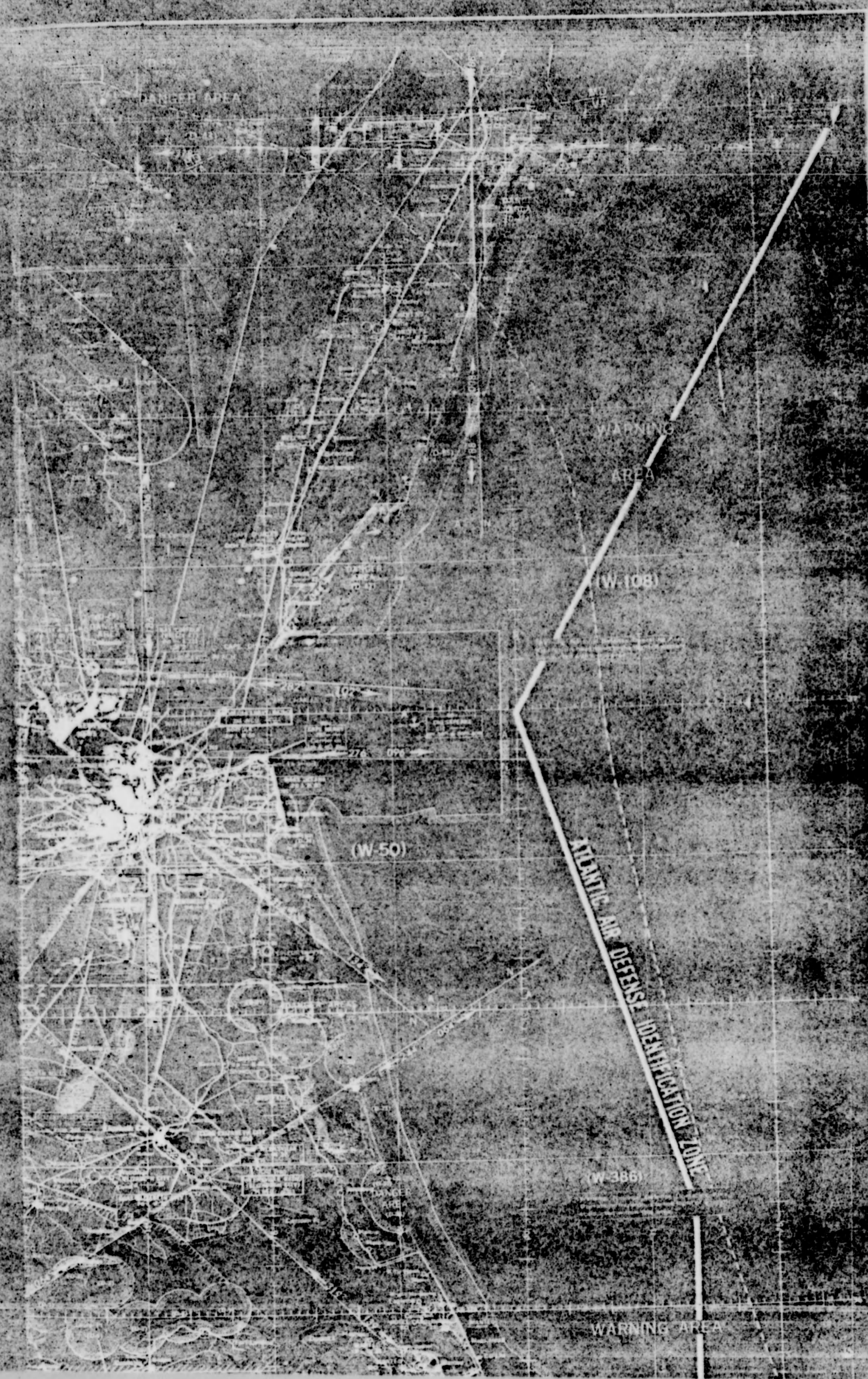
U.S. WEATHER BROADCASTS AND TRANSMISSIONS

The U.S. Weather Broadcasts and Transmissions are a series of broadcasts and transmissions that provide information on the U.S. weather system. The broadcasts and transmissions are defined by the following boundaries:

- Eastern ADIZ:** The area extending from the Eastern United States coastline to the 100-degree meridian.
- Atlantic ADIZ:** The area extending from the 100-degree meridian to the 120-degree meridian.

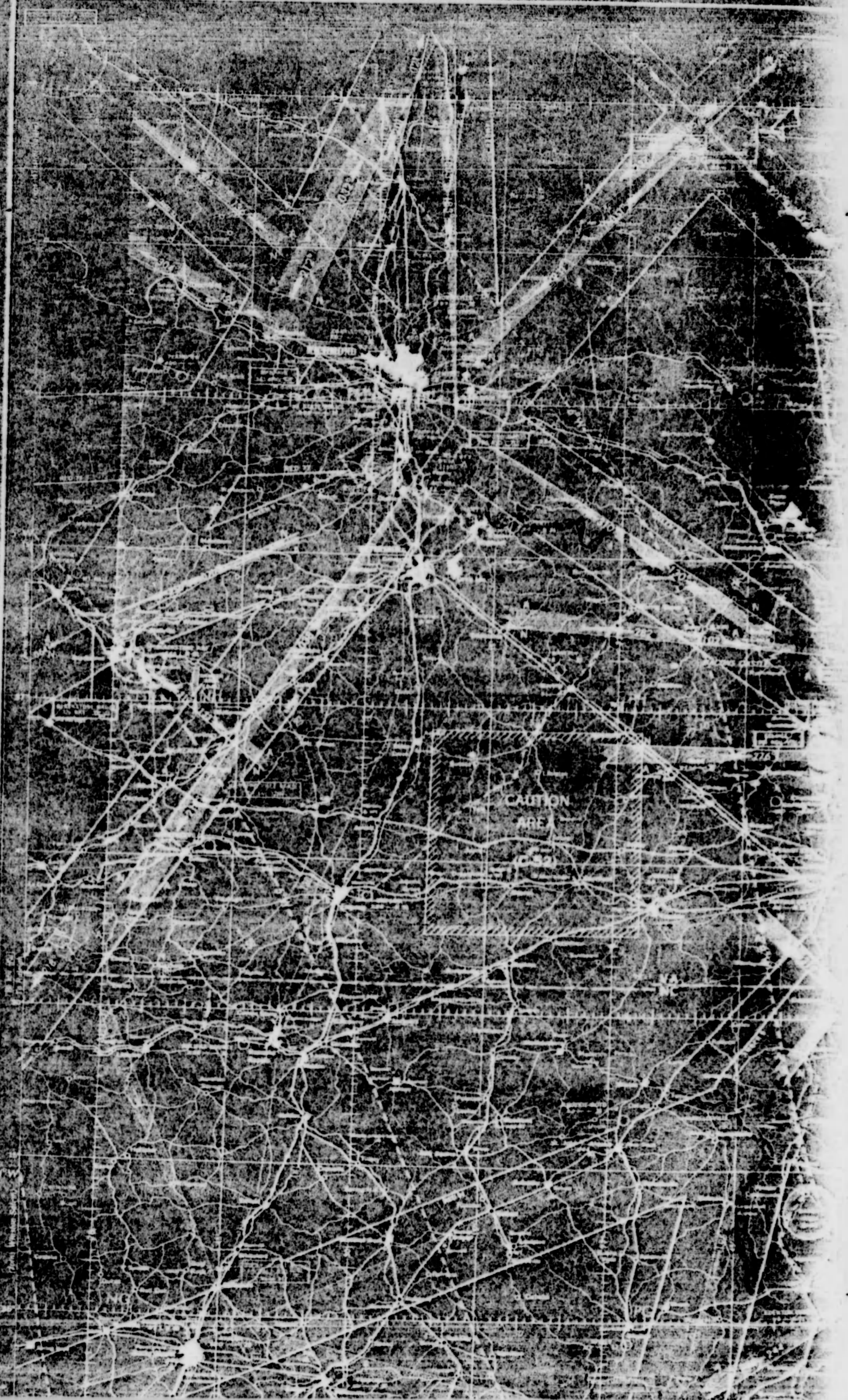
The broadcasts and transmissions are defined by the following boundaries:

- Eastern ADIZ:** The area extending from the Eastern United States coastline to the 100-degree meridian.
- Atlantic ADIZ:** The area extending from the 100-degree meridian to the 120-degree meridian.

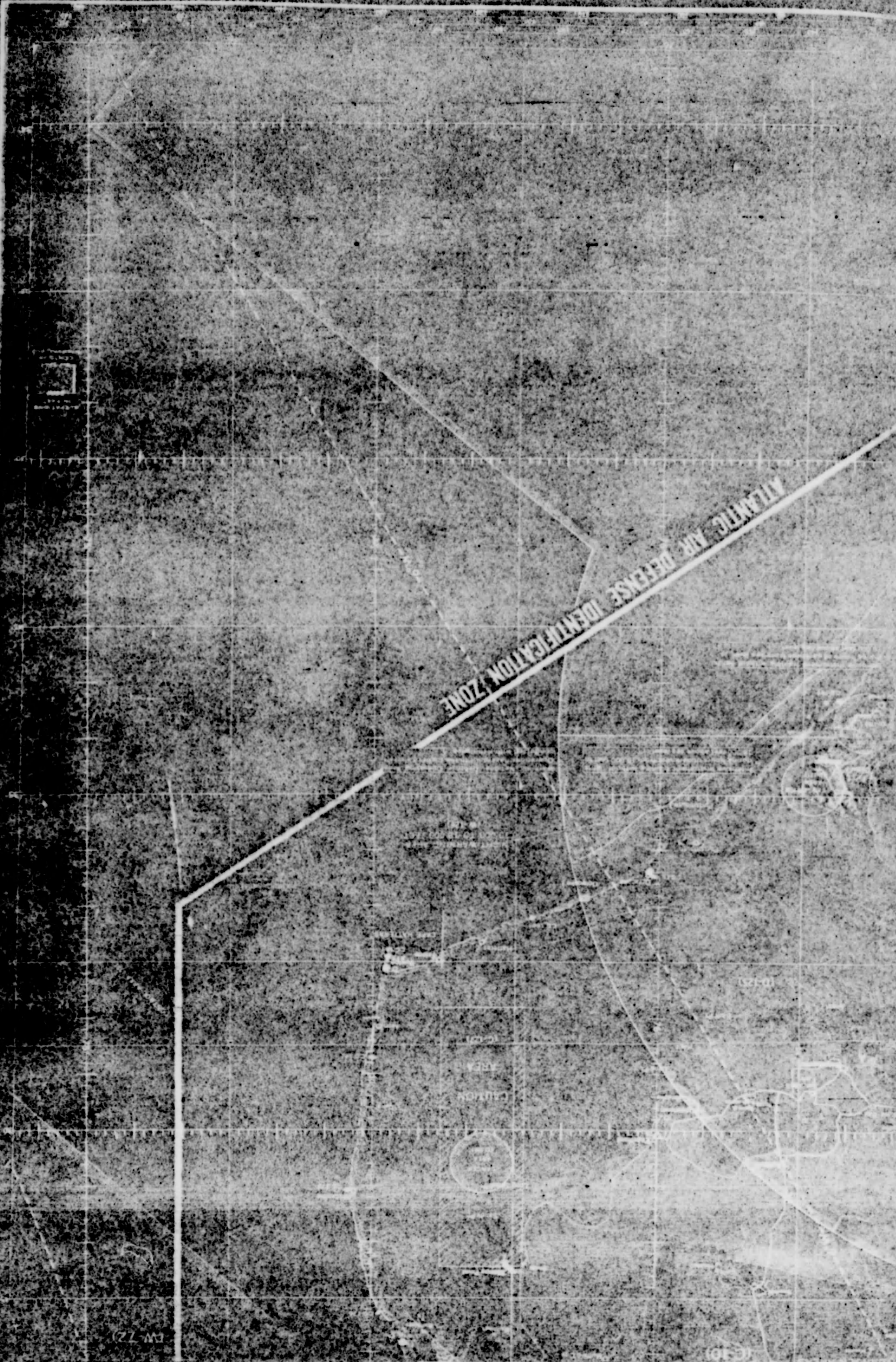


NOTICE

1951

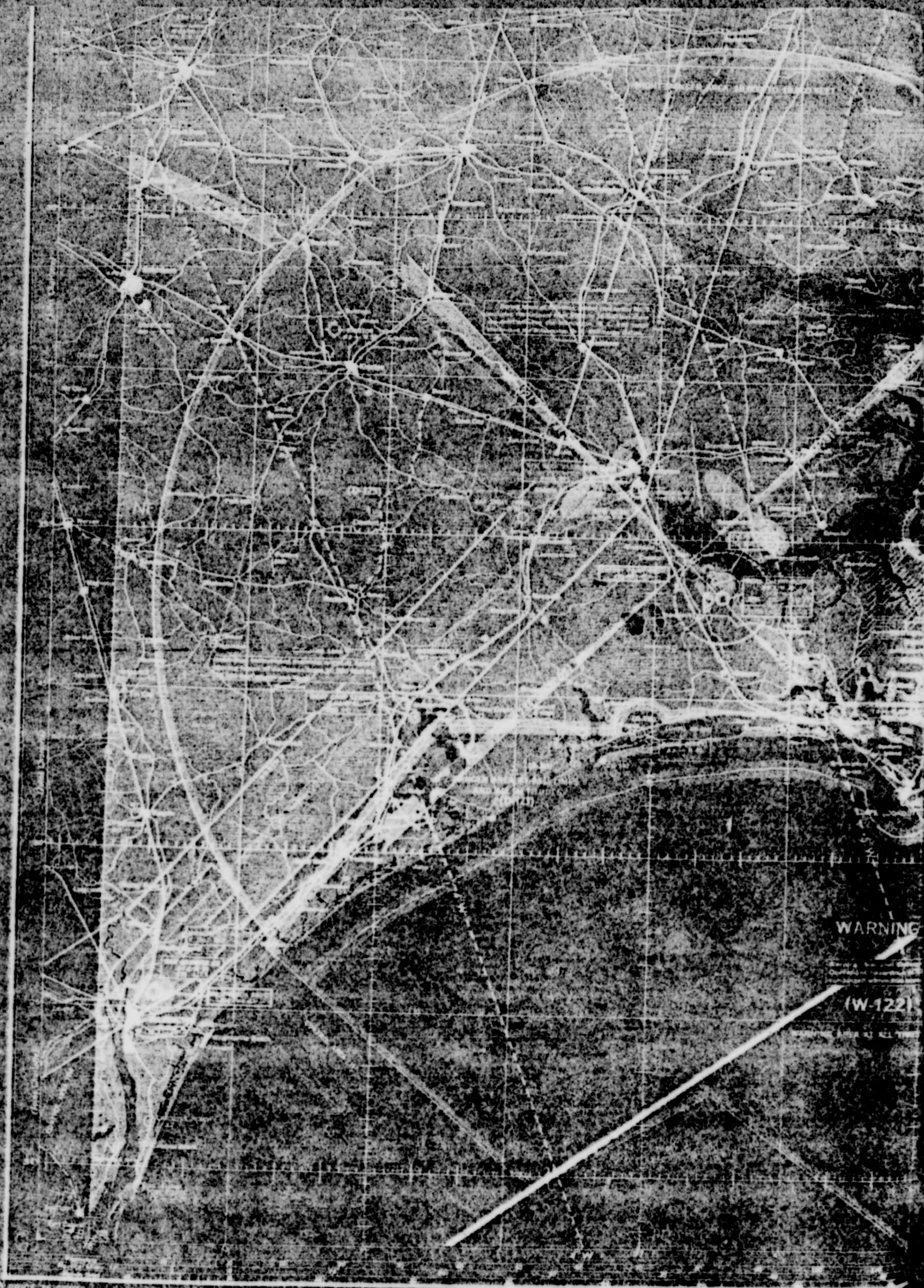


NAVY AIR CHART
NO. 1000



NAVY AIR CHART

NO. 1000



WARNING

(W-122)

NORFOLK, VIRGINIA

AIR INTELLIGENCE INFORMATION REPORT

FROM (Agency)

Langley Air Force Base, Va.

REPORT NO.

TAC-IR-10-52

PAGE

1

OF

PAGES

These objects were sighted at 3 different times by 3 different groups of people. Hence each paragraph is written under 3 different sub headings. Sub heading a applies to sighting made by civilian. Subheading b applies to sighting made by the two airmen. Sub heading c applies to sighting made by crews of F-94's.

1.

a. Luminous, rotating, flying object was sighted 0015 EST 26 July at approximately 1500-2000 feet over James River Bridge, Newport News, Va. It was sighted visually from weather station on roof of Daily Press, Inc., 215-17 25th St., Newport News, Va., by a ~~XXXXXXXXXX~~. The object was alternately bright silver, red and green, "resembling a rotating mirror chandelier." Object was relatively stationary, no exhaust trail, no sound, no fragments, size undetermined. Observer stated that from where he stood, object appeared to be the size of a marble. The length of observation was two hours and fifteen minutes. Object remained in same position over James River Bridge for thirty minutes, then moved slowly over Ball Park, 39th St., in an easterly direction and gradually rose to approximately 5000 feet. (0130) 15 to 20 people called the Daily Press to report sighting of the object.

b. Two airmen on duty at Langley AFB Observation Tower, sighted visually a bluish colored object moving WSW of tower 240 degrees ten miles from tower. Flying object moved straight up, disappearing at approximately 5000 feet. Object resembled lighted cotton ball. Length of observation five to six seconds. It is believed that this object is the same one sighted by observer in 1 a above. Airmen stated that from their position in the tower, object appeared to be the size of a pea.

c. Two F-94's were dispatched from Salisbury ADIZ, Ft. Custis, Va., at 0125 EST and made radar contact with 4 objects flying Victor formation.

2. The times of sighting were:

- a. 0015 to 0230 EST (W. is evidently watching when FTR's came over)
b. 0145 EST (for from 5 to 6 seconds)
c. 0125 EST (for 2 minutes)

3. Sightings were made from:

a. Weather station on roof of Daily Press Building, Newport News, Va., looking Northwest toward James River Bridge (visual sighting).

COUNTRY UNITED STATES	REPORT NO. TAC 1R-10-52	(LEAVE BLANK) 01-483997
SUBJECT FLYOBJRPT		
AREA REPORTED ON Newport News, Virginia	FROM (Agency) Langley Air Force Base, Virginia	
DATE OF REPORT 30 July 1952	DATE OF INFORMATION 26 July 1952	EVALUATION
PREPARED BY (Officer) Wing Intelligence	SOURCE Mr. [REDACTED]	
REFERENCES (Control number, direction, previous report, etc., as applicable) AFL 200-5		

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.)

Luminous, rotating, flying object, alternately bright silver, red and green, sighted 0015 EST 23 July 1952 over and near Newport News, Virginia. Object was sighted visually from the ground by Mr. [REDACTED] who was standing atop the Daily Press Building, Newport News, Virginia, S/Sgt [REDACTED] and A/2c [REDACTED], Langley AFB, Virginia, who were on duty in the Langley Control Tower at time of sighting. Object was also picked up on radar screen of two F-94 interceptors sent to investigate. Pilots were unidentified. Object remained in sight of Mr. [REDACTED] until 0230 EST.

*1R
12 June 1952*

DOWNGRADED AT 3 YEAR
DECLASSIFIED AFTER 12 YEAR
DOD DIR 5200.10

INCL.

(MAP)

FILED IN OIN-123

*W/initial 10
AT 15 D 13
7-15-52*

DISTRIBUTION BY ORIGINATOR

AIC 752

AIR INTELLIGENCE INFORMATION REPORT

FROM (Agency)

Langley Air Force Base, Va.

REPORT NO.

TAC-IR-10-52

PAGE 1

OF 2

PAGES

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b. Two airmen on duty at Langley AFB Observation Tower, sighted visually a bluish colored object moving WSW of tower 240 degrees ten miles from tower. Flying object moved straight up, disappearing at approximately 5000 feet. Object resembled lighted cotton ball. Length of observation five to six seconds. It is believed that this object is the same one sighted by observer in 1 a above. Airmen stated that from their position in the tower, object appeared to be the size of a pea.

c. Two F-94's were dispatched from Salisbury ADIZ, Ft. Custis, Va., at 0125 EST and made radar contact with 4 objects flying Victor formation.

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- a. 0015 to 0230 EST (W. is intensely watching when FTR's came over)
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3. Sightings were made from:

- a. Weather station on roof of Daily Press Building, Newport News, Va., looking Northwest toward James River Bridge (visual sighting).

AIR INTELLIGENCE INFORMATION REPORT

FROM (Agency)

Langley Air Force Base, Va.

REPORT NO.

TAC IR-10-52

PAGE

2

OF

3

PAGES

(Continued)

b. Observation Tower, Langley AFB, looking West South West 240 degrees (visual sighting).

c. Two F-94's from Salisbury ADIZ, Ft. Custis, making radar contact at 10,000 feet.

4. The observers were:

a. On roof of building at 215-217 25th Street, Newport News, Va. Actual altitude and size of object unknown. Approximate altitude 1500 feet.

b. In observation tower at Langley AFB, Va. Object moved up disappearing at approximately 5000 feet. Size unknown.

c. In two F-94's from Salisbury ADIZ, Ft. Custis, Va. Radar contact at 10,000 feet.

5. The observers were:

a. Mr. [REDACTED], Jr., [REDACTED], one year experience. He has 300 hours flying time as a civilian pilot. Mr. [REDACTED] home address is [REDACTED], Va.

b. S/3gt [REDACTED], 6 years experience, and A/2c [REDACTED], 1 year experience.

c. Unknown crew of the two F-94's.

6. Weather: clear, 12 miles visibility. Wind, calm; temperature 70 degrees; altimeter 30.22. Winds at 6000 feet over Norfolk, Va.; 9 knots from 320 degrees.

7. Shooting stars sighted in general vicinity by F-94's at 0221 EST.

8. No physical evidence.

AIR INTELLIGENCE INFORMATION REPORT

FROM (Agency)

REPORT NO.

Langley Air Force Base, Va.

TAC 1R-10-52

PAGE

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OF

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PAGES

(Continued)

9. Covered in Par 1 c above.

10. Piedmont Lines aircraft passed near Langley AFB at 0120 EST from Richmond Va. to Norfolk Airport.

Newport News, Virginia

APPROVED:

Alfonse R. Russo
ALFONSE R RUSSO
2d Lt USAF
Intelligence Officer

PROJECT 10073 WORKSHEET

I. GENERAL

1. DATE <i>26 Jul 52</i>	2. LOCATION <i>Newport News, Va.</i>	3. TIME Local: <i>0015 EST</i> Zebra: <i>0515</i>
4. WAS OBJECT OBSERVED FROM THE GROUND?		☒ Yes ☐ No ☐ Naked Eye ☐ Binoculars ☐ Telescope ☐ Theodolite
5. WAS OBJECT OBSERVED BY GROUND RADAR?		☐ Yes ☐ No ☐ By One Set ☐ By Two Sets ☐ By Three Sets
6. WAS OBJECT OBSERVED FROM THE AIR?		☒ Yes ☐ No ☒ A/C Observed Object ☐ Interception Attempted ☐ No Intercept Attempted
7. WERE AIRCRAFT SCRAMBLED TO INTERCEPT?		☒ Yes ☐ No ☒ A/C Scrambled ☐ Visual Contact Made ☒ A/I Contact Made ☐ No Contact Made
8. DID OBJECT CHANGE DIRECTION AT ANY TIME?		☐ Yes ☒ No ☐ Normal ☐ Violent
9. IF OBJECT WAS A "LIGHT", WAS IT:		☐ Blinking ☒ Steady <i>changed color</i>
10. LENGTH OF TIME IN SIGHT:		☐ 1-15 Seconds ☐ 1-5 Minutes ☒ Over 10 Minutes
11. REPORTING AGENCY (Unit Number and Mailing Address) <i>TAC, Langley AFB, Va.</i>		

II. ASTRONOMICAL DATA

12. WHAT ASTRONOMICAL ACTIVITY WAS NOTED? <i>None</i>	
13. DID OBJECT APPEAR TO ARCH DOWNWARD?	☐ Yes ☒ No
14. DID OBJECT HAVE A TAIL?	☐ Yes ☐ No
15. DID OBJECT APPEAR TO DISINTEGRATE?	☐ Yes ☐ No
16. TIME OF SIGHTING RELATIVE TO SUNRISE OR SUNSET (Data From Air Almanac) ☐ Night ☐ Day ☐ Sunrise ☐ Sunset	

III. AIRCRAFT DATA

17. WERE AIRCRAFT NOTED IN AREA?	☒ Yes ☐ No ☒ One Aircraft ☐ More Than One Aircraft
18. WAS ANY SOUND HEARD?	☐ Yes ☒ No
19. WERE THERE INDICATIONS OF HIGH BACKGROUND NOISE?	☒ Yes ☐ No
20. WAS THE OBJECT VIEWED ABOVE 45° ELEVATION?	☐ Yes ☐ No

IV. BALLOON DATA

21. WERE BALLOONS RELEASED IN AREA? ☐ Yes ☒ No

22. TIME SINCE SCHEDULED BALLOON RELEASE: _____ Minutes

23. POSSIBLE BALLOON LAUNCH SITES DOWNWIND OF SIGHTING:

	Location	Type	Launching Agency	Lighted?		Describe Lighting
				Yes	No	
a.						
b.						
c.						
d.						

(attach overlay)

V. EVALUATION

21. EVALUATION OF SOURCE:

☐ Excellent
☒ Good
☐ Fair
☐ Poor
☐ Unreliable
☐ Extremely Doubtful
☐ Hoax

22. DETAILS OF REPORT:

☐ Good
☒ Fair
☐ Poor
☐ Insufficient to Evaluate

23. FINAL EVALUATION:

☐ Was Balloon
☐ Probably Balloon
☐ Possibly Balloon

☐ Was Aircraft
☐ Probably Aircraft
☐ Possibly Aircraft

☐ Was Astronomical
☐ Probably Astronomical
☐ Possibly Astronomical

☐ Other: _____

☐ Insufficient Data For Evaluation
☒ Unknown

24. COMMENTS:

These important points are missing

a. Interrogation of pilots (Any visual air sighting?)

b. Were the fighters scrambled in response to ground sighting by the [redacted]?

c. Evidently [redacted] was watching the object when the fighters came over. Did they appear to be close to object?

DOWNGRADED AT 8 YEAR INTERVAL;
 DECLASSIFIED AFTER 48 YEARS.
 DOD LIA 310020

1. DATE OF OBSERVATION <i>26 Jul 52</i>	2. TIME OF OBSERVATION <i>0300Z</i>	3. STATION OBSERVING <i>Fangelij AFB, Va.</i>
--	--	--

4. WINDS ALOFT:					
ALTITUDE (feet)	VELOCITY (knots)	DIRECTION (degrees)	ALTITUDE (feet)	VELOCITY (knots)	DIRECTION (degrees)
0			25,000		
1,000			30,000		
2,000			35,000		
3,000			40,000		
4,000			45,000		
5,000			50,000		
6,000	<i>9</i>	<i>320</i>	55,000		
7,000			60,000		
8,000			65,000		
9,000			70,000		
10,000			75,000		
12,000			80,000		
14,000			85,000		
16,000			90,000		
18,000			95,000		
20,000			100,000		

5. WAS AN INVERSION LAYER NOTED? (If yes, at what altitude? _____)	☐ Yes	☐ No
6. WERE ANY THUNDERSTORMS NOTED IN AREA? (If yes, at what quadrant? _____)	☐ Yes	☐ No

7. CLOUD COVER: _____ tenths at _____ feet. _____ tenths at _____ feet. _____ tenths at _____ feet. _____ tenths at _____ feet.	8. VISIBILITY WAS <i>12</i> MILES.
---	---------------------------------------

9. COMMENTS:

DOWNGRADED AT 3 YEAR INTERVALS;
DECLASSIFIED AFTER 12 YEARS.
DOD DIR 5100.1

UNCLASSIFIED