PROJECT 10073 RECORD

1. DATE - TIME GROUP 19 June 1949 19/1700Z	2. Tation Oak Ridge, Tennessee	380
3. SOURCE Civilian 4. NUMBER OF OBJECTS Three	10. CONCLUSION BALLOON	
5. LENGTH OF OBSERVATION 12 - 15 Minutes 6. TYPE OF OBSERVATION Ground-Visual 7. COURSE SE to NW 9. PHOTOS Yes XXNo 9. PHYSICAL EVIDENCE	Appeared as a rectangular object. Bright me underneath. Flat circular object, color of Rectangular objects moved in wave-like fashilevel flight.	frosted glass.

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

SUM ... ANY OF INFORMATION

DATE

27 June 1949

PREPARING OFFICE

CIC FAO #8. P.O. BOX 379. Knoxville, Tennessee

SUBJECT

Flying Saucers at Oak Ridge, Tenn.

ODE FOR USE IN INDIV	ID	UA	L	PA	RA	GRAF	PH EVALUATION	
OF SOURCE:							OF INFORMATION:	
COMPLETELY RELIABLE						A	CONFIRMED BY OTHER SOURCES	. 1
USUALLY RELIABLE						B	PROBABLY TRUE	. 2
FAIRLY RELIABLE						C	POSSIBLY TRUE	. 3
NOT USUALLY RELIABLE						D	DOUBTFULLY TRUE	. 4
UNRELIABLE						E	IMPROBABLE	. 5
RELIABILITY UNKNOWN						F	TRUTH CANNOT BE JUDGED	. 6

SUMMARY OF INFORMATION

On 22 June 1949, Officials of the OSI, Knoxville, Tennessee, informed this Agent that on Sunday, 19 June 1949, at 1200 hours, a "flying saucer" was sighted at Oak Ridge, Tennessee. The "flying saucer", consisting of three objects, was sighted at approximately 1000 ft. altitude proceeding from the southeast in a northwesterly direction by Mr. and Mrs. I Biologist at Oak Ridge, 102 Vance Road, Oak Ridge, Tennessee, from their yard. After watching the "flying saucer" for about five minutes, Mrs. Anderson, a School Teacher at Oak Ridge, notified Mrs. wife of a member of the Security Division, AEC, 100 for St., Oak Ridge, whose backyard is adjacent to that of Mrs. Together these three people observed the "flying saucer" for about twelve to fifteen minutes until it disappeared. It was described as consisting of two identical rectangular-shaped objects which appeared to be coordinated in movement and which moved in a wave-like motion. The third object was circular in shape and appeared to be in level flight between and above the two rectangular objects. The retangular objects appeared to be bright metal on top but dark underneath, while the color of the circular object was the same as that of frosted glass. The "flying saucer", when last sighted, was in level flight and was flying in a northwesterly direction. The weather was clear with high cumulus clouds. The "flying saucer" flew at a speed of from 10 to 15 mph over an area just about the center of Oak Ridge. The Weather Section of Plant X-10 reported that they did not release any weather balloons or any other meteorological instruments on that day. The Weather Bureau at Knoxville Airport reported having released a weather balloon at 1005 but no meteorological equipment. Their balloon was followed by sighting instruments until it had reached an altitude of 4530 meters and was last sighted at 6300 meters moving in a south-southwesterly direction at 196 degrees, after having been released twenty-three minutes. Weather charts at Knoxville Airport showed the wind at Oak Ridge to be at a speed of 4 to 7 mph up to an altitude of 2000 ft. in an easterly direction. The surface winds at Knoxville Airport were at a speed of 3 meters per second at fifty degrees; at 1000 ft., 3 meters per second at 80 degrees; at 2000 ft, 6 meters per second at 120 (B-2)degrees.

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CO, Tenn. Mil-Dis, Knox Mil-Sub Dis - 1 cy

File - 1 cy



DEPARTMENT OF THE AIR FORCE HEADQUARTERS UNITED STATES AIR FORCE WASHINGTON

5D-OSI/JEM/fmm

THE INSPECTOR GENERAL, USAF

STH DISTRICT OFFICE OF SPECIAL INVESTIGATIONS
WRIGHT-PATTERSON AIR FORCE BASE, DAYTON, OHI

ROUTS TO

IN REPLY REFER TO: 50 24-21

30 June 1949

SUBJECT: PROJECT GRUDGE, Incident at Oakridge, Tennessee

SPECIAL INQUIRY

TO:

Commanding General Air Materiel Command Wright-Patterson Air Force Base

Dayton, Ohio ATTN: MCIAXS UNITED STATES AIR FORGE
THE INSPECTOR GENERAL

OFFICE OF SPECIAL INVESTIGATIONS
WITH DESCRIPT

1. Inclosed for your information and any action deemed necessary is report of investigation by Special Agent ARTHUR J. DALE, District Office No. 8, dated 23 June 1949.

2. Investigation was not requested through this District Office.

1 Incl R/I dtd 23 Jun 49 (dup) THOMAS F. DOYLE, JR
Captain, USAF
Acting District Commander

50 24-21 (30 June 49)

1st Ind

TCIAXS/CT/amo

Hq AMC, Wright-Patterson Air Force Pase, Dayton, Chic

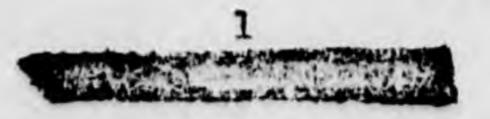
JUL 1 1 1949

THRU: The Inspector General, USAF, 5th District Office of Special Investigations, WPAFB, Dayton, Ohio

TO: The Inspector General, USAF, 8th District Office of Special Investigations, Maxwell AFB, Alabama

- 1. A distinct similarity exists between the objects reported and that of a meteorological or research balloon with its associated equipment. It is, therefore, desired that other weather and research agencies in this area be contacted for possible releases of this nature.
- 2. Other sources list Knoxville Municipal Airport Weather Bureau wind readings at 1000 feet as 3 meters per second at 80 degrees, and

UNCLASO



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Esc Ltr fr 5th Wist OST, WPARE, to 00 ALC, WPARE, dtd 50 June 1040, subj: Project Grudge, Incide t at Calcride, Tennessee, Special Inquiry

at 2000 feet 6 meters per second at 120 decrees. A discrepancy of 10 decrees exists between these readines and those submitted by your office. Confirmation of your wind readines in desired.

FOR THE CO. LAIDTNO CUMERAL:

Incl: w/d

Colonel, USAN

Acting Chief, Intelligence Department

50 24-21-21

2nd Ind

5D-OSI/JEM/fmn

5th OSI District (IG), Wright-Patterson AFB, Dayton, Ohio, 13 July 1949

TO: District Commander, Sth OSI District (IG), Maxwell Air Force Base, Maxwell Field, Alabama

Attention is invited to preceding indorsement.

JEROME M. BRAUN
Acting District Commander

UNCLASSIFIED

B/L fr 5th District OSI, Wright-Patterson AFB, to CG AMC, Wright-Patterson AFB, dated 30 June 1949, Subj: Project Grudge, Incident at Oakridge, CLSFY.
Tennessee, Special Inquiry

24-36

3rd Ind

Headquarters, 8th OSI District IG, Maxwell AFB, Alabama 31 August 1949

THRU: District Commander, 5th OSI District IG, Wright-Patterson AFB, Ohio

TO: Commanding General, Air Materiel Command, Wright-Patterson AFB, Ohio

- 1. Reference paragraph 2, first indorsement, wind readings of the Knoxville Municipal Airport Weather Bureau have been re-checked, and readings as shown in report submitted are confirmed. Knoxville Municipal Airport is 1000 ft altitude. Wind readings are computed at Mean Sea Level. It is believed that this has not been taken into consideration; otherwise, the readings would have been the same.
- 2. A check of the records of the U.S. Department of Commerce Weather Bureau, Chattanooga, Tennessee, for 19 June 1949, revealed reports as follows:

Chattanooga,	Tennessee: (Balloon)				
0300 hours	3000 mtrs	110	degrees	4	knots
0900 hours	no run				
1500 hours	5000 mtrs	80	degrees	16	knots
2100 hours	2000 mtrs	70	degrees	8	knots
Spartanburg,	South Carolina: (Ballo	on)			
0300 hours	4000 mtrs	80	degrees	4	knots
0900 hours	7000 mtrs	90	degrees	10	knots
1500 hours	8000 mtrs	100	degrees	19	knots
2200 hours	7000 mtrs	90	degrees	7	knots
Greensboro, N	orth Carolina: (Radios	onde)			
0300 hours	14000 mtrs		degrees	7	knots
0900 hours	9000 mtrs	100	degrees	18	knots
1500 hours	14000 mtrs	80	degrees	10	knots
2100 hours	4000 mtrs	90	degrees	3	knots
Raleigh, Nort	h Carolina; (Balloon)				
0300 hours	8000 mtrs	100	degrees	12	knots
0900 hours	4000 mtrs	130	degrees	2	knots
1500 hours	8000 mtrs		degrees	4	knots
2100 hours	8000 mtrs		degrees	9	knots

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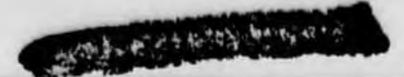
UNITED STATES AIR FORCE THE INSPECTOR GENERAL

2 SEP 1949

FICE OF SPECIAL INVESTIGATIONS
5TH DISTRICT

ROUTE TO

FILE



FILE NO. DATE UNITED STATES AIR FORCE 23 June 1949 24-36 THE INSPECTOR GENERAL OFFICE OF SPECIAL INVESTIGATIONS REPORT MADE BY REPORT OF INVESTIGATION ARTHUR J. DALE REPORT MADE AT TITLE DO #8, Maxwell AFB PERIOD 20 June 1949 PROJECT GRUDGE INCIDENT OAKRIDGE, TENNESSEE OFFICE OF ORIGIN DO #5, Wright-Patterson AFB 19 June 1949 STATUS RUC

CHARACTER

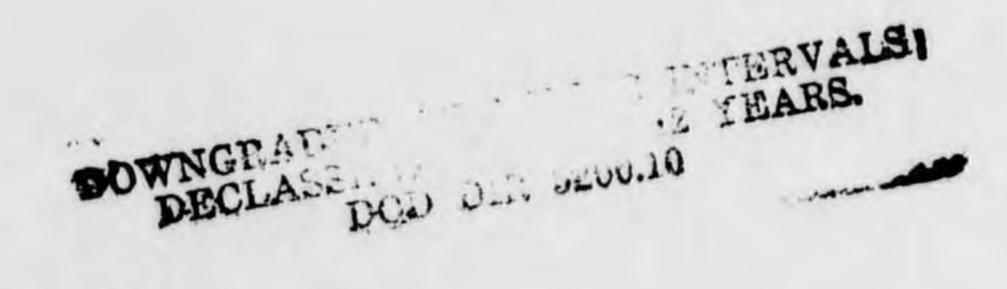
SPECIAL INQUIRY

REFERENCE

None. This is an initial report.

SYNOPSIS

Three unidentified objects were sighted flying over Oakridge, Tennessee, at approximately 1200 hours, 19 June 1949, at an estimated 1000 ft. altitude. These objects were flying from southeast to northwest, and at an estimated speed of 10 to 12 miles per hour.



DISTRIBUTION **ACTION COPY FORWARDED TO** FILE STAMP CG, AMC (MCIAXS) Hq OSI AMC Engineering Field Officer, Oakridge File DO #5 2 APPROVED UNCLICATERED PATRICK W. HAYES Lt. Colonel, USAF District Commander.



DETAILS:

1. Investigation requested by Colonel C. D. GASSER, ALC Engineering Field Officer, Oakridge, Tennessee, on 20 June 1949.

AT KNOXVILLE, TENTESSEE

2. At 1640 hours, 20 June 1949, the Federal Bureau of Investigation, Knoxville, Tennessee, reported to the Knoxville Detachment, 8th District OSI IG, Knoxville, Tennessee, that residents of Oakridge, Tennessee, had reported sighting unidentified objects flying over Oakridge, Tennessee.

AT OAKRIDGE, TENNESSEE

- 3. At 1900 hours, 20 June 1949, Mr. and Mrs. 1 Oakridge, Tennessee, stated that at approximately 1200 hours, 19 June 1949, they sighted three unidentified objects flying from the southeast, over Oakridge, Tennessee. Mrs. Mrs. Mrs. Rirst sighted the objects and called Mr. attention to them. They watched the objects until they came into closer view. They described two of the objects as being rectangular in shape, and identical. The third object was described as circular in shape, and flying either in between or slightly above the two rectangular objects. The two rectangular objects appeared to be flat and flexible. The third object was flat but did not have a flexible appearance. The rectangular objects in traveling, followed a wave-like course, and appeared to be dark in color underneath, and of bright metal finish on top. Their movements were coordinated, and their reflection in traveling was light and dark. The rectangular objects seemed to have an area of from four to ten square feet. The circular object was described as being the color of frosted glass. This third object did not follow the wave-like movement of the rectangular objects, but maintained a level flight. There was no noise to indicate how these objects were being propelled. They remained in view from 10 to 15 minutes after being sighted, and when last seen were traveling in a northwest direction. During this time the objects did not appear to either gain or loose altitude. The weather was clear with the exception of high scattered cumulus clouds, and the wind which was from an easterly direction was very slight.
- Oakridge, Tennessee, stated that Mrs.

 Oakridge, Tennessee, stated that Mrs.

 Ineighbor, called her attention to the three flying objects sighted by the at approximately 1200 hours, 19 June 1949, and that she watched them for approximately 10 minutes. Mrs.

 Ineighbor, called the attention and details regarding the objects were the same as Mr. and Mrs.
- 5. The witnesses of these objects are reputable people, and their statements are considered reliable. Mr. As a biologist with the Oakridge National Laboratories, Mrs. As a school teacher, and Mrs. As the wife of one of the members of the Security Division, A.E.C., Oakridge, Tennessee.



AT MUNICIPAL AIRPORT, KNOXVILLE, TENNESSEE

6. At 0900 hours, 21 June 1949, Mr. RUSSELL J. YOUNKIN, Assistant Official in charge of the Weather Bureau, Municipal Airport, Knoxville, Tennessee, stated that their records indicated that a balloon was released by them at 1005 hours, 19 June 1949. This balloon was followed with a theolite to an altitude of 4530 meters, and was last sighted 23 minutes after release at an altitude of 6500 meters, SSW (196) of the station. This balloon did not carry any attachments. The following is the wind recording for 19 June 1949:

Surface	50	degrees	3	Meters	Per	Sec
2000		degrees	3	Meters	Per	Sec
MSL						
4000	240	degrees	4	Meters	Per	Sec
6000	260	degrees	5	Meters	Per	Sec
8000	260	degrees	11	Meters	Per	Sec
10000	240	degrees	12	Meters	Per	Sec
12000		degrees	11	Meters	Per	Sec
14000		degrees	12	Meters	Per	Sec
16000		degrees	19	Meters	Per	Sec
18000		degrees	24	Meters	Per	Sec
20000	1/27 (345)16-	degrees	20	Meters	Per	Sec

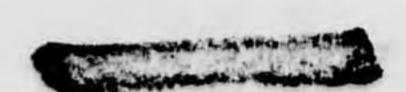
The wind at Oakridge, Tennessee, was from an easterly direction, and the velocity up to 2000 ft. was from 4 to 7 miles per hour.

AT OAKRIDGE, TENNESSEE

7. It was verified through the Security Division, A.E.C., that X-10 weather division at Oakridge, Tennessee, did not release any balloons or other weather instruments on 19 June 1949.

REFERRED UPON COMPLETION





Think a comment

THE MEDICAL PROPERTY.

DEPARTMENT OF THE AIR FORCE
HEADQUARTERS UNITED STATES AIR FORCE
Washington

5D-OSI/JUM/fmm

The Inspector General, USAF
5th District Office of Special Investigations
Wright-Patterson Air Force Base, Dayton, Chio

In Reply Refer to: 5D 24-21

30 June 1949

SUBJECT: PROJECT, Incident at Cakridge, Tennessee

TO: Commanding General
Air Materiel Command
Wright-Patterson Air Force Base
Dayton, Ohio
ATTN: MCIAKS

- 1. Inclosed for your information and any action deemed necessary is report of investigation by Special Agent ARTHUR J. DALE, District Office No. 5, dated 23 June 1949.
 - 2. Investigation was not requested through this District Office.

1 Incl R/I dtd 23 Jun 49 (dup) /s/ John E. Morrill, WO jg, USAF for THOMAS F. DOYLE, JR Captain, USAF Acting District Commander

50 24-21 (30 June 49)

lst Ind

MCIAKS/GIT/amo

Hq AMC, Wright-Patterson Air Force Base, Dayton, Chio

THRU: The Inspector General, USAF, 5th District Office of Special Investigations, WPAFB, Dayton, Ohio

The Inspector General, USAF, 5th District Office of Special Investigations, Maxwell AFB, Alabama

- l. A distinct similarity exists between the objects reported and that of a meteorological or research balloon with its associated equipment. It is, therefore, desired that other weather and research agencies in this area be contacted for possible releases of this nature.
- 2. Other sources list Knoxville Emmicipal Airport Weather Bureau wind readings at 1000 feet as 3 meters per second at 80 degrees, and

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Bas Ltr fr 5th Dist OSI, WPAFE, to CO .J.C. STAPE, atd 30 June 1949, subj: Project Grudge, Incide t at Cakridge, Tennessee, Special Inquiry

at 2000 feat 6 meters per second at 120 degrees. A discrepancy of 40 degrees exists between these readings and those submitted by your office. Confirmation of your wind readings is desired.

FOR THE COMMANDING GUNERAL:

Inol: w/d

W. R. CLINGERMAN Colonel; USAF Acting Chief, Intelligence Department

UNCLASSIFIED



1 11 - 1

1. Date of Observation 19 June 49 Date of Interview 22 June 49

- 2.. Exact Time (local) 1200
- 3. Place of Observation Oak Ridge, Tennessee
- 4. Position of observer Ground
- 5. What attracted attention to object.
- 6. Humber of objects 3
- 7. Apparent size Rectangular appeared to have area of 4-10 square feet
- 8. Color of object Rectangular object appeared. Bright metal on top, dark undermeath. Flat circular object, color of frosted glass.
- 9. Shape 2 Rectangular, flat circular.
- 10. Altitude 1000 feet
- 11. Direction from observer South East
- 12. Distance from observer
- 13. Direction of flight of object(s) Southeast-Northwest
- 14. Time in sight 12-15 minutes
- 15. Speed 10-15 MPH
- 16. Sound and odor None
- 17. Trail None
- 18. Luminosity apparently reflected
- 19. Projections
- 20. Maneuvers Rectangular objects moved in wave-like fashion. Circular object, level flight.
- 21. Hanner of disappearance Last seen in Northwesternly direction.
- 22. Effect on Clouds
- 23. Additional Information Concerning Object-
- 24. Weather Conditions. Clear, high oumulus clouds, slight easternly wind.

(over)

Name and address of observer:

Occupation and hobbies:

Mr. & Mrs. 102 West. Oak Ridge Tenn. Mr. St., Oak Ridge, Tenn.

Biologist School Teasher

Comments of Interrogator relative to intelligence and character of observer(s):

Considered reliable

NARR TIVE SUMILRY:

AT OAKRIDGE, TENNESSEE: At 1900 hours, 20 June 1949, Mr. and Mrs. Oakridge, Tennessee, stated that at approximately 1200 hours, 19 June 1949, they sighted three unidentified objects flying from the southeast, over Cakridge, Tennessee. Mrs. Mrs. Lirst sighted the objects and called ir. objects until they came into closer view. They described two of the objects as being rectangular in shape, and identical. The third object was described as circular in shape, and flying either in between or slightly above the two rectangular objects. The two rectangular objects appeared to be flat and flexible. The third object was flat but did not have a flexible appearance. The rectangular objects in traveling, followed a wave-like course, and appeared to be dark in color underneath, and of bright metal finish on top. Their movements were coordinated, and their reflection in traveling was light and dark. The rectangular objects seemed to have an area of from four to ten square feet. The circular object was described as being the color of frosted glass. This third object did not follow the wave-like movement of the rectangular objects, but maintained a level flight. There was no noise to indicate how these objects were being propelled. They remained in view from 10 to 15 minutes after being sighted, and when last seen were traveling in a northwest direction. During this time the objects did not appear to either gain or lose altitude. The weather was clear with the exception of high scattered cumulus clouds, and the wind which was from an easterly direction was very slight.

Oakridge, Tennessee, stated that Mrs. The her neighbor, called her attention to the three flying objects sighted by the last approximately 1200 hours, 19 June 1949, and that she watched them for approximately 10 minutes. Mrs. description and details regarding the objects were the same as Mr. and Mrs.

THENTHE

HEADQUARTERS THIRD ARMY FORT MCPHERSON, GEORGIA

aJ..OI-2 360.33

UNCL.

1 211 3 15

SUBJECT: Unconventional aircraft

TC:

Commandin General Air Materiel Sommand. Fright-Fatterson Air Fo ce Dase Dayton, Chio

Attention: EGI (Control Mo. a-1917)

Inclosed herewith is "Summary of Information" dated 27 June 1949.
FOR THE COMMANDING GENERAL:

Colonel, GUO
AC of 3, G-2

1 Incl: S of I, dtd 27 Jun 49

DOWNGRAD TO AR INTERVALS:
DECLASSIFICATION SERVALS:
DOD DIR 5206.10

mici 380

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