#### PROJECT 10073 RECORD

PROJECT 10073 RECORD						
DATE - TIME GROUP . Sep 49 1/2230Z	2. ATION  KNULLE, Tennesse					
SOURCE Sivilian NUMBER OF OBJECTS The	EXXXXXX AIRCRAFT  Evaluated on flight description and charecteristics.					
i. LENGTH OF OBSERVATION  22-3 Minutes  5. TYPE OF OBSERVATION  Ground-Visual  7. COURSE  Southwest	Observer sighted an object which appeared to be disc shaped and flat, and from the sun's reflection appeared to be made of a metal similiar to that used in airplane construction. There was no evidence of exhaust or vapor trails and no sound was heard. The object faded from view about 3 minutes after it was first sighted. Flight was level and constant.					
PHOTOS  Yes  No  PHYSICAL EVIDENCE  Yes  XSR No						

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

FILE NO. DATE UNITED STATES AIR FORCE THE INSPECTOR GENERAL 24-45 3 October 1949 OFFICE OF SPECIAL INVESTIGATIONS REPORT MADE BY REPORT OF INVESTIGATION ARTHUR J. DALE REPORT MADE AT DO #8, Maxwell AFB, Alabama SIGHTING OF UNIDENTIFIED FLYING OBJECT PERIOD ON 1 SEPTEMBER 1949 AT KNOXVILLE, TENN 19,21 September 1949 BY MR. Land MR. OFFICE OF ORIGIN DO #8, Maxwell AFB, Alabama

CHARACTER

TITLE

SPECIAL INQUIRY

REFERENCE

Rpt of Invest by S/A ARTHUR J. DALE, DO #8, dtd 12 September 1949 file 24-45

STATUS

CLOSED

SYNOPSIS

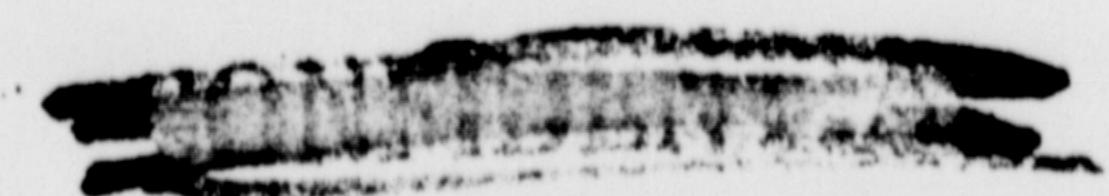
Winds aloft and other weather data was secured at U. S. Weather Bureau, McGee-Tyson Airport, Knoxville, Tennessee, and at the Weather Records Processing Center, Federal Building, Chattanooga, Tennessee.

DOWNGRADED AT 3 YEARS 12 YEARS. DOD DIR 5200.10

DISTRIBUTION		ACTION COPY FORWARDED TO	FILE STAMP
CG, AMC  Hq OSI  DO #5 (Info)  File	2 / 2	Commanding General Air Materiel Command Wright-Patterson AFB, Ohio ATTN: MCIAXO-3	
		PATRICK W. HAYES Lt. Colonel, USAF	
		UNCLASSIFE Compander.	

ORM 0-208 Replaces AFCSI Fo

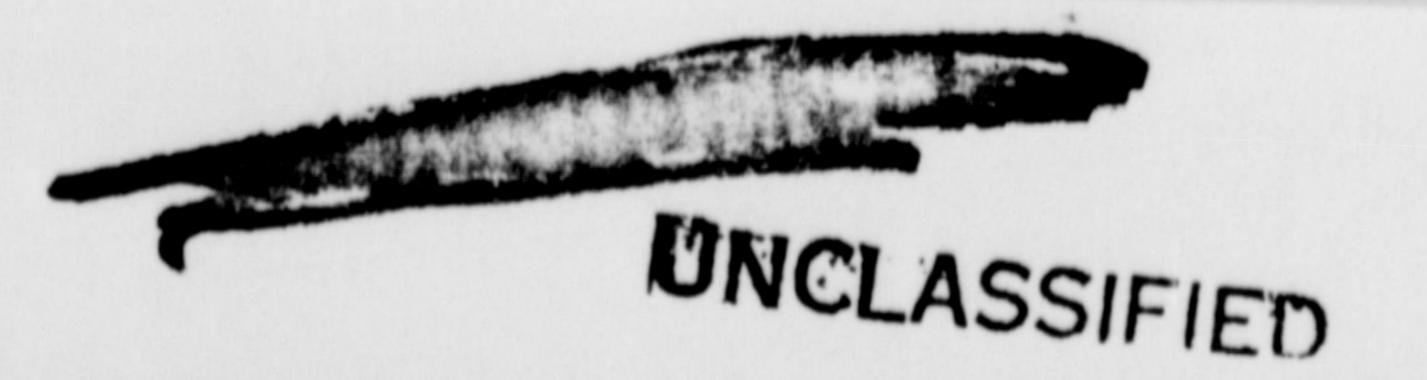
U. S. GOVERNMENT PRINTING OFFICE



#### DETAILS:

1. On 19 September 1949 a check of the records of the U. S. Weather Bureau, McGee-Tyson Airport, Knoxville, Tennessee, revealed that weather balloons were released on 1 September 1949, as follows:

0400 hrs:		
Altitude-MSL	Direction (degrees)	Velocity
Surface	Calm	Calm
2000 feet	330 3	3 knots per hr
3000	320	6 knots per hr
4000 "	310	8 knots per hr
5000 "	320	10 knots per hr
6000 .	520	9
7000 "	320	6
8000 "	500	12
10000 "	280	18
11000 "	270	22
1004 hrs		
Surface	10	9
2000	20	9
5000	10	6
4000	30	7
5000	340	10
6000	320	16
7000	510	20
8000	320	19
90000	320	18.
10000	510	14
1603 hrs:		
Surface	350	9
2000	360	9
3000	20	8
4000	50	
5000	_10	
6000	360	6
7000	530	6
8000	510	12
9000	510	14
10000	510	13
1757 hrs		
Surface	40	
2000	51	12
5000	20	12
4000	100	
5000	140	8
6000	170	10
	160	
7000 8000	100	10
90000	1000	
10000	120	
	The state of the s	ASSIFIED
	E SELECTION AND A PROPERTY OF THE PARTY OF T	

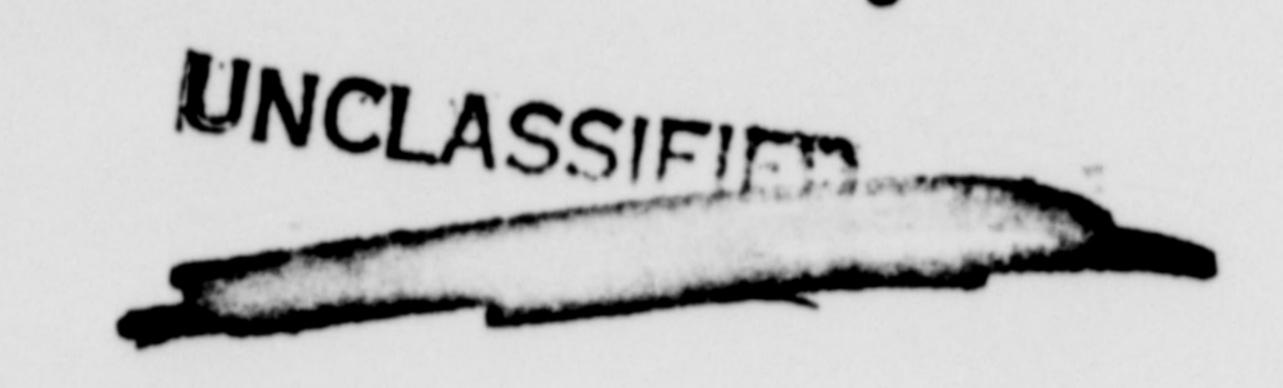


2. There were no instruments attached to the balooms released by the Knozville Weather Station.

#### AT CHATTANOOGA, TENN

5. On 21 September 1949 a check of the Winds Aloft Reports of the Weather Records Processing Center, Federal Building, Chattanooga, Tennessee, revealed the following:

AT ROANOKE VA, 1 Sep 49 (Ba Altitude (feet) 0400 hrs:	loon) Direction	Knots Per H
2000		20
4000	WNW	30
6000		39
8000	T	40
10000	WSW	36
1000 hrs		
2000	NW	16
4000	NW	12
6000	MNM	24
8000	WNW	26
10000	MMA	26
18000		56
1600 hrs		
2000	MA	10
4000	MNM	13
6000	MMA	18
8000	. NW	17
10000	MNW	18
18000		32
2200 hrs		
2000	N	6
4000		15
6000	MINA	4
8000	T	5
10000	MNM	6
18000		22
AT SPARTANBURG, B. C. (Ball		
0400 hrs (1 Sep 49)	Direction	
2000 feet	MINA.	23
4000 feet	MAM	16
6000		12
8000	TIST	16
10000		25
1000 hrs		
No Record		





### Spartanburg, S. C. (Continued)

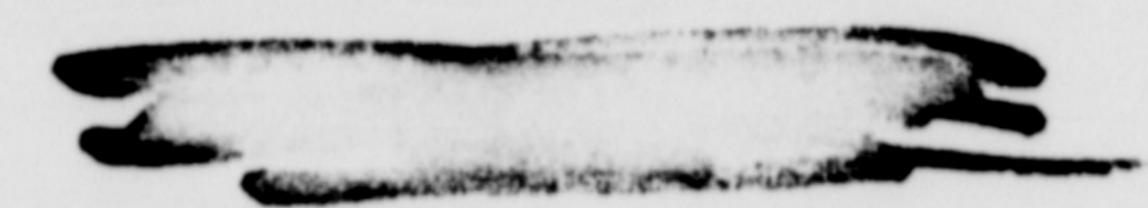
### UNCLASSIFIED

	OIVE	LASSITILD
1600 hrs		
2000	NE	7
4000	ENB	4
6000	WSW	4
8000	N	6
10000	NE	10
18000	T	13
2200 hrs		
2000	ENE	5
4000	ENE	6
6000	ESE	
		9
80000	SE	5
10000	ESE	
18000		
AT GREENSBORO (Radio Sonde)		
0400 hrs 1 Sep 49		
No Record		
1000 hrs		
2000	WNY	7
4000	MM	21
6000	NW	24
80000		23
10000		23
18000		25
1600 brs		
2000	N	17
4000	MA	10
60000	T	10
80000	WNW	14
10000	MM	10
18000	TINT	10
2200 hrs		
2000	NE	14
4000	ENE	. 5
6000	N	
8000	ESE	7
10000	SSW	2
18000	MSM	18
AT ATLANTA, GA (Radio Sonde)		
0400 hrs 1 Sep 49		
2000 Feet	NNW	20
4000	M	15
6000	T	11
8000		15
10000		18
4000		70

UNCLASSIFIED



AT ATLANTA, G	34 (Continu	ed)	NCLASSIFIED	
	18000			23
	1000 hrs:			
	2000		NNW	15
	1000		MM	14
6	5000		MA	16
	3000		M	16
	10000		7	11
	18000		MyM	11
	1600 hrs			
	2000		MNM	10
	1000 1000		N	
	5000 3000		NNE	12
	10000		NNW	10
	18000		WSW	16
2	2200 hrs			
	2000		NNE	11
	1000		8	10
	8000		ESE	10
8	3000		8	12
1	10000		ENE	13
	18000		TST	11
AT NASHVILLE,				
_	)400 hrs 1 8	Sep 49		
	2000		NNA	. 22
	1000		MM	15
	0000		MNA	17
	2000		MNM	22
	100000		MNM	17 37
	18000			
	1000 hrs:			
	2000		NNE	10
	1000		MA	11
	5000		NW	12
	3000		NW	19
	100000		NA	22
	18000			23
	1600 hrs			
	2000			9
	1000		MNB	10
	\$000 \$000		NNW .	11
	10000		MNM	12
	10000			19
		UNCLASSIFIED		
		5		





#### AT NASHVILLE, TENN (Continued)

	2200 hrs 1 Sep 1949	Direction	Knots per hr
	2000	ENB	12
	4000	ESE	12
	6000	3	11
	80000	NNE	12
	10000	WSW	6
	18000	T	7
AT CHA	TTANOOGA, TENN (Balloon)		
	' 0400 hrs 1 Sep 1949		
	2000	N	15
	4000	N	23
	6000	NNW	22
	8000	MMM	13
	10000	T	23
	1000 hrs		
	2000	NNE	9
	4000	MMM	15
	6000	NW	16
	8000	NW	16
	10000	NW	9
	18000	MMA	17
	1600 hrs		
	2000		10
	4000		10
	6000	NNA	_ 5
	8000	NNA	8
	100000	NW	9
	18000		15
	2200 hrs		
	2000	NE	16
	4000	ENE	10
	6000	ESE	11
	8000	ENE	7
	10000	2	2
	18000	WSW	

CLOSED





#### DEPARTMENT OF THE AIR FORCE HEADQUARTERS UNITED STATES AIR FORCE

WASHINGTON

5D-OSI/JEM/vz

THE INSPECTOR GENERAL, USAF UNCLASSIFIED STH DISTRICT OFFICE OF SPECIAL INVESTIGATIONS ONIO

IN REPLY REFER TO: 5D 24-21-41

7 October 1949

SUBJECT:

PROJECT GRUDGE - Flying Objects, Knoxville, Tennessee

1 September 1949

SPECIAL INQUIRY

TO:

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

- 1. Reference is made to report of investigation of Special Agent ARTHUR J. DALE, DO #8, dated 12 September 1949, forwarded your office under subject and file number indicated above.
- 2. Inclosed for your information are two copies of report of investigation of Special Agent ARTHUR J. DALE, DO #8, dated 3 October 1949.
- 3. With the submission of this report all logical investigative Leads have been completed and investigation is considered closed.

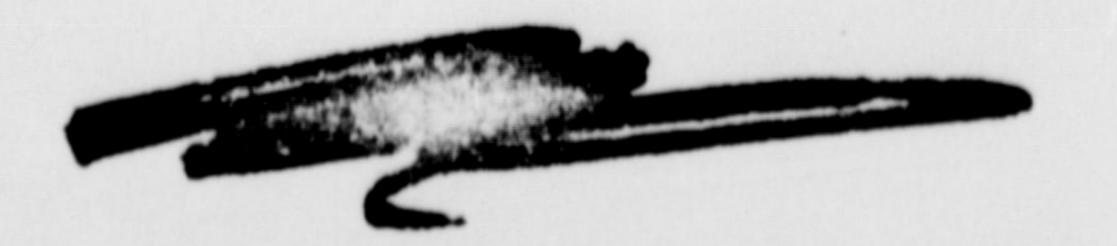
1 Incl Rpt dtd 3 Oct 49 (dup) Hur Russelle D. M. LYNCH

Major, USAF

Acting District Commander

UNCLASSIFIED

~5 OCT 48 15M



# HEADQUARTERS THIRD ARMY

# UNCLASSIFIED

C - / i - '

AJACI-3 360.33

15 September 1949

SUBJECT: Unconventional Aircraft

- 10

TO:

Commanding General
Air Materiel Command
Wright-Patterson Air Force Base
Dayton, Ohio

Attention: MCI (Control No. A-1917)

Inclosed herewith is summary of information re report of unidentified flying objects.

FOR THE COMMANDING GENERAL:

JOHN MEADE

Colomor, GSC Wm.

Martin Jr.

Major Infantry Chief Dom. Intel.Div.

1 Incl:

S/I dtd 12 Sept 49 re unidentified flying object near Knoxville, Tenn.

10 il.

UNCLASSIFIED



#### SUMMARY OF INFORMATION

DAT

12 Sept. 1949

PREPARING OFFICE

CIC FAO #8, P.O. Box 379, Knoxville, Tenn.

SUBJECT

Unidentified Flying Objects.

CODE FOR USE IN INDIV	D	UA	L	PA	RA	GRAF	PH EVALUATION	
OF SOURCE:							OF INFORMATION:	
COMPLETELY RELIABLE						A	CONFIRMED BY OTHER SOURCES	1
USUALLY RELIABLE						В	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	

SUMMARY OF INFORMATION

On 4 September 1949, , both of Knoxville, Tenn., were interviewed and stated that while on a camping trip to Sharps Ridge, approximately five miles north of Knoxville, they sighted an unidentified flying object which was flying at very high altitude and at a great rate of speed. The object was sighted by and and at approximately 1730 hrs., 1 Sept. 1949. Into a first sighted the object while looking up into a tree, at which time he called ke attention to it. Both were on the ground. and the object, when sighted, was directly overhead at an altitude which they estimated to be between 40,000 and 50,000 ft, and was flying at a high rate of speed from the northeast (45 degrees) to the southwest (225 degrees). This object was in level flight and in sight for from  $2\frac{1}{2}$  to 3 minutes from time of sighting. Object appeared to be disc shaped and flat, and from the sun reflection appeared to be constructed of metal similar to that used in airplanes. There was no evidence of exhaust or vapor trails, nor was there any sound from the object. Both stated that there was no surface wind, that the sky was void of clouds, and that the object faded from view about three minutes after being sighted. (B-2)

AGENT'S NOTE: is 18 years of age and a senior at the Central High School, Knoxville, Tenn., where he has studied aeronautics for two years. is 14 years of age, but appears to be much older, and is a freshman at Central High School. Both appear to be intelligent young men and their answers to all questions were made without hesitation.

On 7 September 1949, officials of the U.S. Weather Bureau, McGee-Tyson Airport, Knoxville, Tenn., stated that weather balloons were released at 0400 hrs., 1000 hrs., and 1860 hrs. daily by the Bureau. The officials furnished the following information relative to winds aloft on 1 September 1949:

0400 hrs:		
Altitude (feet)	Direction (degrees)	Knots per hour
Surface	Calm	
2000	330	3
3000	320	6
4000	310	8
5000	320	10
6000	320	9
7000	320	6
8000	300	12
90000	280	18
100000	270	22 :

UNCLASSIFIED

(continued)

DISTRIBUTION

CG, Third army - 2 cys

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

File - 1 cy



## UNCLASSIFIEL

#### SUMMARY OF INFORMATION PREPARING OFFICE CIC FAO #8, P.O. Box 379, Knoxville, Tenn/ CODE FOR USE IN INDIVIDUAL PARAGRAPH EVALUATION SUBJECT OF SOURCE: OF INFORMATION: COMPLETELY RELIABLE . . . . . A CONFIRMED BY OTHER SOURCES . . 1 Unidentified Flying Objects. FAIRLY RELIABLE . . . . . . C NOT USUALLY RELIABLE . . . . D DOUBTFULLY TRUE . . . . . . . . UNRELIABLE . . . . . . E RELIABILITY UNKNOWN . . . . . F TRUTH CANNOT BE JUDGED . . . . 6 SUMMARY OF INPORMATION 1004 hrs: Altitude (feet) Direction (degrees) Knots per hour Surface 2000 3000 4000 5000 340 6000 320 7000 310 8000 320 9000 320 100000 310 1603 hrs: Altitude (feet) Direction (degrees) Knots per hour Surface 350 2000 3000 4000 5000 6000 360 7000 8000 9000 310 100000 310 1757 hrs: Altitude (feet) Direction (degrees) Knots per hour Surface 2000 3000 4000 5000 6000 7000 8000 100

DISTRIBUTION CG, Third Army - 2 cys

90000

10000

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

100

120

File - 1 cy

WD AGO FORM 568

W. S. GOVERNMENT LINN.CLEASSAFFOTETS.

