FROM: 5D-USI O: IAXS	,//	: 25.	3	DATED	6/22	11.9
ECORDING	XT-1	DATE	DED	No. INCLS	. ]	
IA IS	BUSPENS	EDATE	ESTA	BLIGHED BY	INITIALS	DAT
TE OF REPLY! OTHER						

. . . . . . . . . . . Provious ocidens of this form may be used. PROJECT 10073 RECORD 1. DATE - TIME CROUP LOCATION 7 Fay 1949 07/1800-18/30(L) St Louis, Mo 10. CONCLUSION Civilian AIRCRAFT .. ::U....JER OF CEJECTS No data presented to indicate object could NOT have been an A/C. J. LENGTH OF COSERVATION 11. BRIEF SUMMARY AND ANALYSIS 1.5 Seconds Object was apparent size of a light plane (observer states object would have taken nespaper at arms length to obstruct view of in. . TYPE OF OSSERVATION stated Dark reddish brown. Observer stated object appeared Pround-Visual buff colored. Shape of object like a ray fish without tail, somewhat triangular. Object covered 60 deg of arc in 45 sec. 1. CUURSE Object reflected glint or reflection from right side. Straight flight, but was rolling or oscillating from side to side. J. PHOTOS O Yes 7. PHYSICAL EVIDENCE D Yus .... FORM

....



AFCSI Form 4 HEADQUARTERS UNITED STATES AIR FORCE 23 Jul 48 THE INSPECTOR GENERAL	File No. 24-38	Date 8 June	gam
OFFICE OF SPECIAL INVESTIGATIONS	Report made by		-747
REPORT OF INVESTIGATION		SELLARS, JR.	
PROJECT "GRUDGE"	Report made at DO 7/12, Sco	tt AFB	
Incident, 13 May 1949	Period 7	< T 101.0	
St. Louis, Missouri	31 May, 3, Office of origin	o o une 1949	- INIT
		ht-Patterson AFB	( , ,
	Status R.U.C.		1
Character SEECIAL INQUIRY			
Reference Report of S/A VELTON COMBS, DO #5, file	5D-24-21P, dat	ed 27 May 1949	
Synopsis			
Upon receipt of report of in			
Office No. 5, Wright-Patters			
leads set forth therein were tion was disclosed that would			
object sighted by Mr.			
St. Louis, Missouri, on 7 Ma:	y 1949.		
DOWNGRAD		UNITED STATES AIR FOR	RCE
DOWNGRASSITO DOD DIE		THE INSPECTOR GENER	AL
	OFFIC	CE OF SPECIAL INVESTIG	CATIONS
	1 : 0:3:	E TO   Fil	Ë
istribution Copy forwarded t	io	File Stamp	
CG, AMC  2 / Commanding Gener  2 / Air Materiel Com  2 / Air Materiel Com			
2 Air Materiel Com Iq, OSI 2 Wright-Patterson			
Iq, OSI 2 Wright-Patterson 2 Dayton, Ohio			
ATTN: MCIAXS			
Approved			
	1		
	Alielon		
PAUL A. M	ILLER	NICI ASSIFIED	

Captain, USAF

Deputy DISTRICT COMMANDER

S1684T-\*2-Scott AFB, Ill.-3 Feb 49-10M



DETAILS:

DACE CELL.

## AT ST. LOUIS, MISSOURI

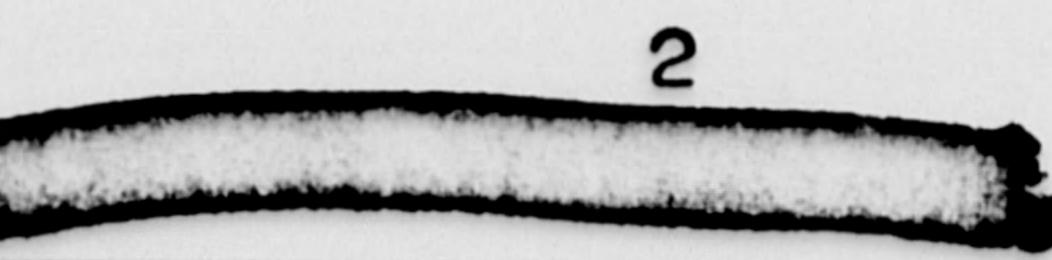
- Missouri, was interviewed regarding his sighting an unidentified object in the 1. On 31 May 1949, Mr. sky on 7 May 1949. Mr. stated in substance as follows: On the evening of 7 May 1949 at approximately 1800 hours CST he was sitting on the back lawn with his wife and they were watching the gulls from the Mississippi River when they noticed a strange object almost directly overhead. Mr first he thought it was a large bird, but closer observation disclosed that it was at a much higher altitude than the gulls, that it was somewhat triangular in shape, and that it was traveling at a terrific rate of speed. Mr. further stated that he has been a passenger on commercial air liners and would estimate the altitude of the object at approximately nine (9) or ten (10) thousand feet. Mr. . would not estimate the speed but stated it was only in sight for approximately forty-five (45) seconds and was faster than any airplane he has ever seen in the sky. Mr. described the object as being about the size of a light private plane and that it closely resembled the shape of a Sting Ray with the exception that the object had no whip-like tail. Mr. rther described the object as having a dark, dull reddish brown color and that he observed a glint or reflection along the right side of the object as it was oscillating. Mr. would observe this glint or reflection when the right side was higher than the left. Mr observed the object at about eleven (11) o'clock, that it was at an angle of approximately eighty-five (85) degrees above the horizen and that it was traveling in a south by south west direction. Mr. object traveled in a straight path without apparently gaining or losing altitude, that it was oscillating from side to side and that it disappeared in the atmosphere.
- 2. On 31 May 1949, Mrs.

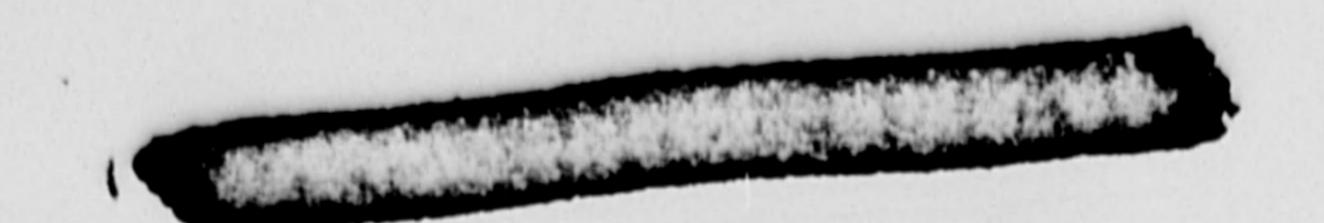
  Missouri, was interviewed recording the sighting of a strange object in the sky on 7 May 1949. Mrs. substantiated Mr and version of the sighting of the object with the exception that she thought it was buff colored and thought there was a reddish glow, somewhat like the glow of a iron coal stove, along the right edge of the object as it was oscillating through the sky. Both agreed that the sun had just gone down behind the trees and that there was still quite a bit of light in the sky. Neither observed any fins, canopies, or antennas on the object.
- 3. Interview of neighbors in the vicinity of Missouri, on 5 June 1949, failed to reveal any information that would indicate either Mr. or Mrs. May be eccentric or that they had ever reported seeing any strange objects before. The object was not noticed by any of the neighbors however they all stated they could not remember looking in the sky at that time on 7 May 1949.

4. A check of the files of the St. Louis Metropolitan Police Department, St. Louis, Missouri, on 3 June 1949, failed to reveal the name of either Mr. or Mrs.

UNCLASSIFIED

DO #12, OSI 24-38





as ever being arrested or ever being a complainant in any case.

- 5. A check of the files of the Federal Bureau of Investigation, St. Louis, Missouri, on 3 June 1949, failed to reveal any record of Mrs. or Mrs.
- 6. On 3 June 1949 the flight records of the McDonnell Aircraft Corporation, Lambert Field, St. Louis, Missouri, revealed there were no flights of aircraft frem that plant after 0930 hours on 7 May 1949.
- 7. On 3 June 1949, June 1949, June 1949, June 1949, June 1949, Lieutenant Junior Grade, United States Navy, Operations Officer, U. S. Naval Air Station, Lambert Field, St. Louis, Missouri, advised there had been no flights from the Naval Air Station between 1750 hours and 1830 hours Central Standard Time on 7 May 1949. Lt. further stated that the Ground Control Approach Unit had secured at 1615 hours, CST, on stated that the Ground Control Approach Unit had secured at 1615 hours, CST, on 7 May 1949, and had not resumed operation until 0800 hours, CST, on 9 May 1949.

NOTE: The GCA Unit at Lambert Field, St. Louis, Missouri, operated by the U.S. Navy is the only radar unit operating in this area.

8. On 3 June 1949, Mr. Senior Twoer Controller, Lambert Field, St. Louis, Missouri, advised the only south bound flight from Lambert Field at approximately 1800 hours CST on 7 May 1949, was a Chicago and Southern DC-4 which departed Lambert Field for Memphis, Tennessee, at 1751 hours CST. Mr. departed this ship had taken off to the northeast and would have flown over further stated this ship had taken off to the northeast and would have flown over south St. Louis at an approximate altitude of six (6) or eight (8) thousand feet at the time a strange object was sighted by Mr.

## AT SCOTT AFB, ILLINOIS

9. On 3 June 1949 the records of the AACS, Scott Air Force Base, Illinois, were examined. Above records failed to reveal any aircraft that had arrived or departed this station between the hours of 1730 and 1830 hours, CST, on 7 May 1949.

## AT ST. LOUIS, MISSOURI

10. On 6 June 1949, Mr.

Missouri, was re-interviewed to ascertain if he had noticed a commercial airliner fly over his home on the evening of 7 May 1949.

Stated that he has noticed a four engine airliner that flys over his house late in the afternoon but that he does not remember seeing this particular airplane on the evening of 7 May 1949.

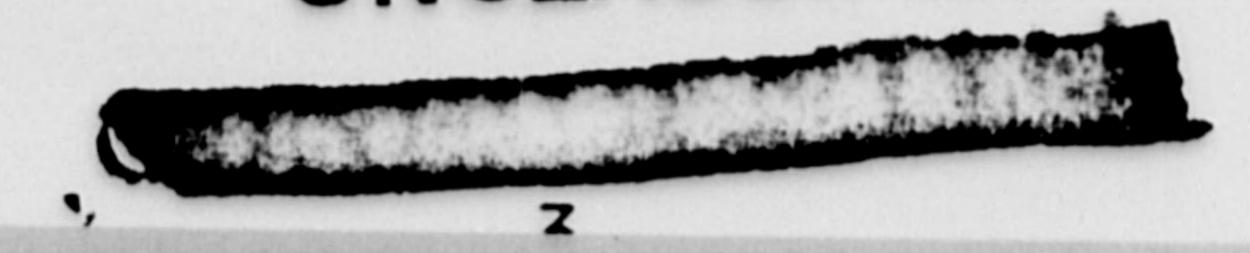
NOTE: As there were no known experimental aircraft flying in this area on 7 May 1949, it is possible Mr Sighted the Chicago and Southern Airliner and in the evening twilight may have mistaken it for an unidentified object.

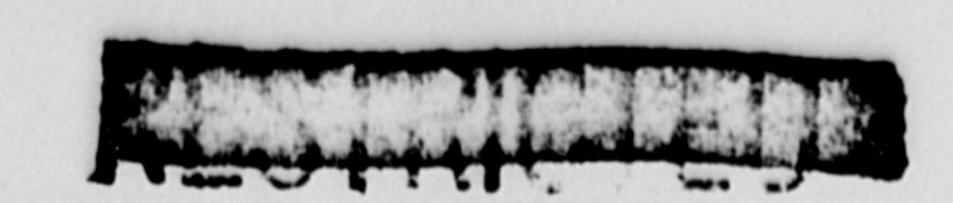
#### INCLOSURES

FOR DISTRICT OFFICE NO. 5, WRIGHT-PATTERSON AFB, OHIO

Guide to investigation (in triplicate).

REFERRED UPON COMPLETION TO THE OFFICE OF ORIGIN UNCLASSIFIED





Project "Grudge" 325

MCIAXS

24 May 49

5D OSI Mr. J. E. Morrill

- 1. It is requested that your office initiate an investigation of the sighting of an uridentified aerial phenomenon reported by inclosed letter.
- 2. As an aid to the investigating officer in recording desired data, two copies of our Guide to Investigation are also inclosed.

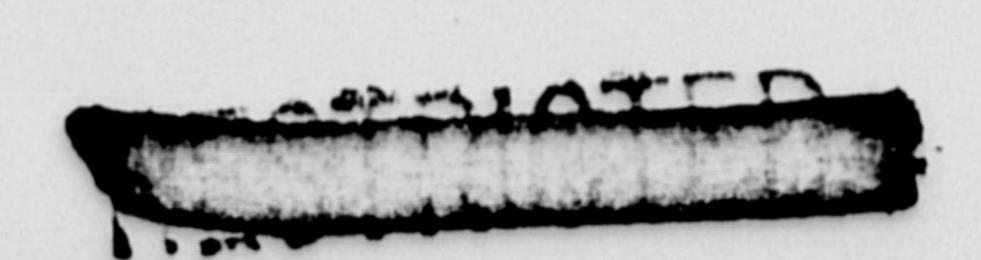
2 Incls:

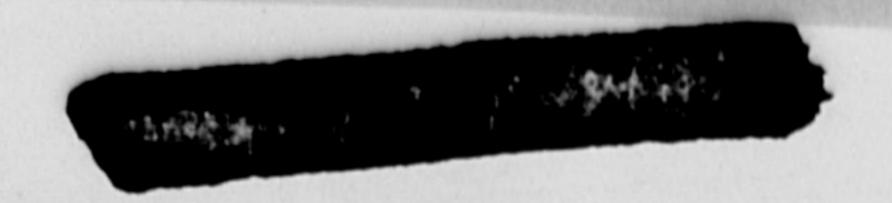
1. Cy ltr, 5/17/49, fr Hq Fifth Army 2. Guide to Inves. (2 Cys)

A. J. HEMSTREET, JR. Lt Colonel, USAF Acting Chief. Analysis Division Intelligence Department

GNT/amc 6-6398 Bldg 288 Post 218-B

UNCLASSIFIED





HEADQUARTERS UNITED STATES AIR FORCE THE INSPECTOR GENERAL OFFICE OF SPECIAL INVESTIGATIONS REPORT OF INVESTIGATION	FILE NO.  5D-21-21P  REPORT MADE BY	DATE 27 May 1949
PROJECT "GRUDGE" Incident, 13 May 1949 Saint Louis, Missouri	VELTON COMBS REPORT MADE AT  DO #5, W/P AFB, PERIOD #5, W/P AFB, OFFICE OF ORIGIN  DO #5, W/P AFB, STATUS	
CHARACTER	PENDING	
REFERENCE SPECIAL INQUIRY		
None. This is an initial report.		

Investigation requested by A. J. HEMSTREET, Jr., Lt. Col., USAF, Acting Chief, Analysis Division, Intelligence Department, Headquarters, Air Materiel Command, Wright-Patterson Air Force Base, Dayton, Ohio, re the sighting of an unidentified aerial phenomena at St. Louis, Missouri, on 13 May 1949.

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# UNCLASSIFIED

SI FORM 4 JULY 48 4		Acting DISTRICT COMMANDER		
		JOHN E. MORRILL WOJG USAF THOMAS F. DOYLE, JR. Captain USAF	ee	
CG, AMC Hq, OSI DO #12 (Incl) File	2 2 2	Commanding General Air Materiel Command Wright-Patterson AFB Dayton, Chio ATTN: MCIAIS		
DISTRIBUTION		ACTION COPY FORWARDED TO	FILE STAMP	

U. S. GOVERNMENT PRINTING OFFICE

# EMCLASSIFIED

5D-24-21P
PROJECT "GRUDGE"

#### DETAILS:

1. This investigation is predicated upon a request from A. J. HEMSTREET, JR., Lt. Col., USAF, Acting Chief, Analysis Division, Intelligence Department, Headquarters, Air Materiel Command, on 24 May 1949.

#### AT WRIGHT-PATTERSON AFB

- 2. Lt. Col. HEMSTREET forwarded this office a copy of a letter from Headquarters, 5th Army, addressed to Commanding General, Headquarters, Air Materiel Command, in which one ROBERT VAUGHN, 5219 Alabama, St. Louis, Missouri, is reported to have observed an unidentifiable aerial object in the vicinity of St. Louis, Missouri, on 13 May 1949.
  - 3. The referenced letter is as follows:

"HEADQUARTERS FIFTH ARMY
Office of The Commanding General
1660 Fast Hyde Park Boulevard
Chicago 15, Illinois

ALFGF-I

17 May 1949

SUBJECT: Sighting of Mysterious Object

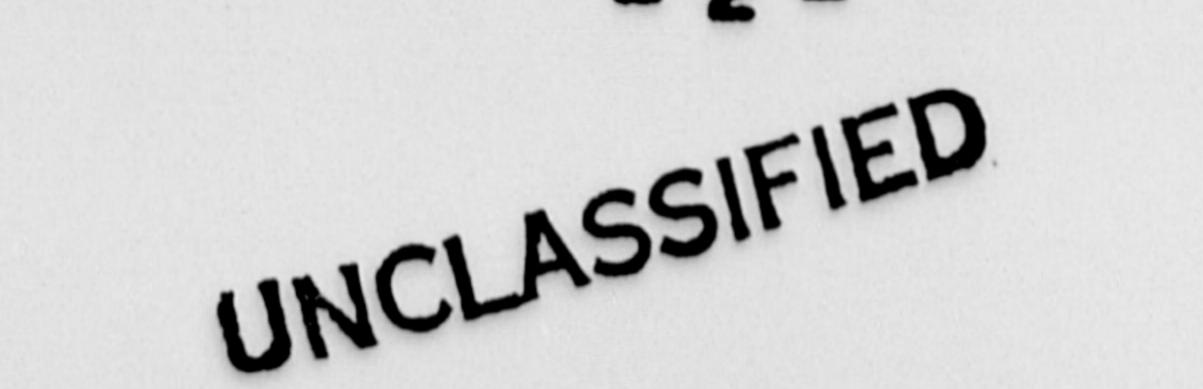
TO:

Commanding General
Hq Air Materiel Command
Wright-Patterson Air Force Base
Wright Field, Chio
ATTN: MCIAXS

1. The following item, dated 13 May, was reported to this headquarters by the Regional Office of St. Louis, Missouris

a south St. Louisan said that he had sighted some other mysterious object in the sky last Saturday.

St. Louis, said the object appeared to be about the size of a light





5D-24-21P
PROJECT "GRUDGE"

# UNICIASSIFIED

private airplane, but bore no resemblance to a plane and was much faster. 'It was flat, reddish brown in color and I saw a glint in the late sunlight at that height, although the sun had set where we were,' he said. 'The object seemed to have an oscillating motion and was somewhat triangular.'"

2. No further investigation is contemplated by this headquarters.

FOR THE COMMANDING GENERAL:

/s/ Robert P. Bell
ROBERT P. BELL
Colonel, GSC
AC of S, G-2\*

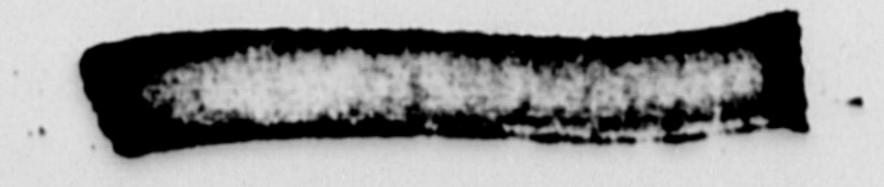
#### INCLOSURE

FOR DO #12, SCOTT AFB

"Guide to Investigation" (in quin)

PENDING

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UNCLASSIFIED

5D-24-21P PROJECT "GRUDGE"

UNDEVELOPED LEADS

DISTRICT OFFICE NO. 12, SCOTT AFB

AT ST. LOUIS, MISSOURI

Will interview Mr.

Missouri, regarding his observation of an unidentified aerial object on 13 May. Will complete the inclosed "Guide to Investigation" and return same to District Office No. 5.

- 1. -

UNCLASSIFIED

#### GUIDE TO INVESTIGATION

#### UNIDENTIFIED AERIAL OBJECTS

Incident	No.

- 1. Date of Observation 7 May 1949 Date of Interview 31 May 1949
- 2. Exact time of observation (local) Between 1800 and 1830 hours, CST
- 3. Place of Observation: 38:34N; 90:15W Kansas City Sectional Aeronautical Chart, (Map Coordinates) Scale 1:500,000
- 4. Position of observer (air, car, bldg, location of give details)
  Seated in lawn chair in back yard, facing north-west.
- 5. What attracted attention to object: Observer and wife were watching gulls from Mississippi River when object was sighted.

6. Number of objects and sketch of formation or grouping:

- Only one object observed.

  7. Apparent size (compare to known object, i. e., sun, moon, thumb or fist at arms length): Appeared to be about the size of a light private airplane, would have taken a newspaper held at arm's length to obstruct it from sight.
- 8. Color of object: Dark reddish brown
- 9. Shape (give graphic description compare with known object):
  Resembled a Sting Ray except it had no whinlike toil
- Resembled a Sting Ray except it had no whiplike tail.

  10. Altitude (Angle of elevation above horizon 0° at horizon, 90° overhead):

  85°
- 11. Direction from observer (Angle clockwise from North):
  11 o'clock
- 12. Direction of flight of object (s): South by Southwest

1.3. Time in sight:

Approximately 45 seconds

- 14. Speed (time to cover given angular distance):
  Approximately 45 seconds to cover an angle of approximately 600
- 15. Sound and odor:

None

16. Distance from observer (Distance to town, bldg, etc., over which object appeared to be:)

Approximately 9 or 10 thousand feet overhead.

In. dent No. Page 2 Guide to Investigation

- 17. Trail (color, length, width, peristance, etc.): None
- 18. Luminosity (visible by reflection, incandesence, other degree of brilliance):

Bright glint or reflection from right side

- 19. Projections (fins, wings, rods, antennae, cancpics, etc.): None observed
- 20. Maneuvers (turns, climbs, dives, etc. sketch of flight path): Flew in a straight line, but was rolling or oscillating from side to side.
- 21. Manner of disappearance: Disappeared in the atmosphere, apparently without gaining or losing any altitude.
- 22. Effect on clouds: No clouds in sky.
  - Additional information concerning object: Object was also observed by Mrs. Tho thought the object was buff colored with a reddish glow somewhat like an old fashioned coal stove instead of a glint on the right edge.
- 24. Weather conditions and light at time of sighting:

Light: Twilight or approximately 20 or 30 minutes before official sunset.

Name and address of observer. genue, St. Louis, Missouri Occupation and hobbies:

Retired Artist, who still paints occasionally. Art is principle interest.

Comments of Interrogator relative to intelligence and character of observer (Check neighbors, police dept., FBI records, employer, etc.): Observer and wife both apparently in late sixties, both very sincere in the belief they saw a strange object in the sky. Mr. is apparently well versed in air travel and different types of aircraft. Oheck of neighbors, St. Louis Police and FBI failed to reveal any information that Mr. may be \*\*\* Did observer wear glasses, especially polaroid glasses at time of sighting or was object viewed through canopy, window, or other transparent material? Mr. Bears glasses with bifocal lens and was wearing them at the time of the observation. Mrs. does not wear glasses and claims to have good eyesight.

\*\*\* eccentric or that he had been known to ever make any strange reports.

Page 3	5	
		Investigation

incident	No.	
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### Relative to Radar Sightings

- 1. Re radars now operating on ground
  - a. Observations of direction, range, speed, altitude and size of target: No radar operating in this area at time object was observed.
  - b. Did target execute any turns? If so, what angle (1800), etc. and what radius of turn. If radius of turn was not observable, how long did the target stay in the turn and what was its speed:
  - c. Note particularly any separation of distant target into several targets upon approach:
  - d. Was radar blip on cathode ray tube well defined and consistent with size of object; faint; fading, pulsating at regular rate:
  - e. Did radar echo signal disappear suddenly or gradually:
- 2. If airbourne, when object was sighted:
  - a. Were there any radar indications or extra noise on radio circuits:
  - b. Give estimates of size, speed, maneuvers, etc.:

#### GENERAL

1. Teletype sequences of local weather conditions: 7 May 1949, 1820 hours CST. Scattered clouds at 22,000 feet, visibility 15 miles, temperature 70°, dew point 53°, surface wind east by north east at 7 miles per hour.
2. Winds aloft report:

7 May 194 STL 21	9, 1500 h 00206	ours. 0207	20208	0208	43608	3109	62912
2913	82911	2910	03012	22917	42812	63305	81502

Page 4 Guide to Investigation

Incident	No.	

3. Local flight schedules of commercial, private and military aircraft flying in vicinity at the time: (Check Canadian activity if close to border)

Chicago & Southern DC-4 Departed Lambert Field, St. Louis, Missouri, for Memphis, Tennessee at 1751 hours CST, 7 May 1949

4. Possible releases of testing devices in vicinity sent aloft by Ordnance Navy, Air Force, Army, Weather Units, Research Organizations or any other:

None from Scott Air Force Base, Illinois, U.S. Naval Air Station or McDonnell Aircraft Corporation, Lambert Field, St. Louis, Missouri.

5. If object contacted earth, obtain soil samples within and without depression or spot where object landed for purposes of making comparison of soils.

Not applicable

6. Obtain photographs (or original negatives) where available; if not, secure sketches of:

#### Not applicable

- a. Object
- b. Surrounding terrain where object was observed
- c. Place where object contacted earth (if this happened)
- d. Maneuvers
- e. Formation (if more than two)
- 7. Secure signed statements.
- 8. Obtain fragments or physical evidence where possible.

Not applicable

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# DEPARTMENT OF THE AIR FORCE HEADQUARTERS UNITED STATES AIR FORCE

TINCLASHINGTON

5D-OSI/VC/mag

THE INSPECTOR GENERAL, USAF

5TH DISTRICT OFFICE OF SPECIAL INVESTIGATIONS
WRIGHT-PATTERSON AIR FORCE BASE, DAYTON, OHIO

IN REPLY REFER TO. 5D-24-21P

22 June 1949

SUBJECT: F

PROJECT "GRUDGE" 325
Incident, 13 May 1949
St. Louis, Missouri
SPECIAL INQUIRY

TO:

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

- 1. Reference is made to your R&R, dated 24 May 1949, requesting an investigation of unidentified aerial phenomenon reported on 13 May 1949 at St. Louis, Missouri.
- 2. Transmitted herewith are two (2) copies of Report of Investigation by Special Agent BENJAMIN F. SELLARS, Jr., dated & June 1949, with inclosures, for your information.
- 3. This report constitutes the development of all logical leads in this case and no further investigation is contemplated by this office.

1 Incl

Rpt of Inv by S/A SELLARS dtd 8 Jun 49 (in dup)

THOMAS F. DOYLE, JR.

Captain, USAF

DOWNGD AND AT TO DOUBLE TO

Acting District Commander

UNCLASSIFIED

WF-O-5 OCT 48 15M

Hoadquarters Fifth Army 1660 E. Pyla Fark Il... Chicago 15, Illinois

ALFGF\_I

17 May 1949

SUBJECT: Sighting of Mysterious Object

TO Commanding General

Hq Air Materiel Command

Wright-Patterson Air Force Base

Wright Field, Ohio

ATTN: MCAXO-3

1. The following item, dated 13 May, was reported to this headquarters by the Regional Office of St. Louis, Missouris

south St. Louisan said that he had sighted some other mysterious object in the sky last Saturday.

St. Louis, said the object appeared to be about the size of a light private airplane, but bore no resemblance to a plane and was much faster. 'It was flat, reddish brown in color and I saw a glint in the late sunlight at that height, although the sun had set where we were, he said. 'The object seemed to have an oscillating motion and was somewhat triangular.'"

2. No further investigation is contemplated by this headquarters.
FOR THE COMMANDING GENERAL:

ROBERT P. BELL Colonel, GSC AC of 8, G-2

INCIDENT	NO.	706
----------	-----	-----

- 1. Date of Observation 7 my 1949 Date of Interview 31 May 1949
- 2. Exact Time (local) 1500-1530
- 3. Place of Observation St. Louis, No. 38° 34 North 90° 15' West
- 4. Position of observer
- 5. What attracted attention to object
- 6. Number of objects one
- 7. Apparent size of light plans (observer states "would have taken newspaper of arms
- 8. Color of object

  Dark reddish brown (liration object appeared buff colored)
- 9. Shape Like a ray fish without tail, somewhat triangular
- 10. Altitude 85° 9,000 10,000 feet
- 11. Direction from observer 3300
- 12. Distance from observer 9,000 10,000 feet overhead
- 13. Direction of flight of object(s) South, Southwest
- 14. Time in sight 45 seconds
- 15. Speed Fast covered 60° in 45 seconds (computed 140-150 mph)
- 16. Sound and odor none
- 17. Trail
- 18. Luminosity Glint or reflection from right side
- 19. Projections Rome noticed
- 20. Maneuvers Straight flight, but was rolling or oscillating from side to side
- 21. Manner of disappearance
- 22. Effect on Clouds
- 23. Additional information concerning object Could possibly have been commercial air liner in area at time of sighting
- 24. Weather Conditions Fair, twilight, 7mph wind east by N.E.

(over)

4:10

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-	٠	6	U	_

Name and address of observer: Ur. & Lire-

St., St. Louis, Mo.

Occupation and hobbies:

#### Retired Artist

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

#### Considered reliable

HARRATIVE SUMMARY:

In stated in substance as follows: On the evening of 7 May 1949 at approximately 1800 hours CST he was sitting on the back lash with his wife and they were watching the gulls from the Mississippi Piver when they noticed a strange object almost directly overhead. Mr. Stated at first he thought it was a large bird, but closer observation disclosed that it was at a much higher altitude than the gulls, that it was somewhat triangular in shape, and that it was traveling at a terrific rate of speed. Mr. further stated that he has been a passenger on connercial air liners and would estimate the altitude of the object at approximately nine (9) or ten (10) thousand feet. Mr. would not estimate the speed, but stated it was only in slight for approximately forty-five (45) seconds and was faster than any airplane he has ever seen in the sky-Brailing described the object as being about the size of a light private plane and that it closely resembled the shape of a Sting May with the exception that the object had no ship-like tail. Mr. wrther described the object as having a dark, dull roddish brown color, and that he observed a clint or reflection along the right side of the object as it was escillating. In when the right side was higher than the left. In observed the object at about eleven (11) o'clock, that it was at an angle of approximately eighty-five (85) degrees above the horizon, and that it was traveling in a couth west direction. In a straight path without apparently gaining or losing altitude, that it was oscillating from side to side, and that it disappeared in the atmosphere.

on 31 May 1949, Mrs.

viewed regarding the sighting of a strange object in the sky on 7 May 1949. Mrs.

substantiated Mr. Version of the sighting of the object with the exception that she thought it was buff colored and thought there was reddish glow, somewhat like the glow of an iron coal stove, along the right edge of the object as it was oscillating through the sky. Both agreed that the sun had just gone down behind the trees, and that there was still quite a bit of light in the sky. Neither observed any fins,

canopies, or enterms on the object.