

DECLASSIFIED

Authority:

NND 917033

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Enclosures to R/S -S 02378 of 3-9-49

Incident Summary Sheets

173 - 233 Incl.

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~~Report~~ R/S S-02378 of 3-9-49  
EXHIBIT #529 Hqd Air Materiel Command Dayton  
Subject: Transmittal of Incident Summary  
Sheets 173 thru 233.

REPORT FILED M-5

AIRCRAFT - UNIDENTIFIED

JONES  
2-27-50

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SEARCH LISTS

INDEX

Incl 1

Best Possible Image

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22 MAR 1949

5-20300<sup>400</sup>

INCIDENT SUMMARY SHEET

(To be filled out and retained in files)

1. Date of Observation .15 September 1948. Incident # 173
2. Time of Observation .1700 Central Standard Time
3. Where was Object(s) Sighted .3 miles SE of SHREVEPORT, La. ~~SECRET~~
4. Observer's Position .ground (i.e. ground, air, control tower, etc.)
5. Name and Address of Observer .George ADAMS, 256 Columbia Ave., SHREVEPORT, La.
6. Occupation and/or Hobbies
7. Attention Attracted to Object (s) by while scanning sky with binoculars.
8. Number of Object(s) Sighted .one (1).
9. Size of Object(s) . . . . . Approximately 12 feet in diameter.
10. Color of Object(s) . . . . . Aluminum
11. Shape (Sketch if Possible)
12. Nature of Luminosity
13. Estimated Distance of Object from Observer 2 1/2 miles laterally/.50° off horizon
14. Speed of Object(s) . . . . . 100-150 mph
15. Time in Sight .10-15 seconds.
16. Tactics . smooth horizontal flight.
17. Sound Made by Object(s) .none
18. Direction of Flight of Object(s) . South
19. Apparent Construction (Of What Material or Substance) . metallic.
20. Effect of Objects on Clouds and/or Exhaust Trail . no clouds visible.
21. Weather Conditions Existing at the Time . 1/10, overcast at 5500 ft., visibility 15 miles, winds 20 mph at 20,000 ft.
22. Peculiarities Noted . Object viewed with binoculars at an angle of 50-60° above horizon. One object estimated to be 12 ft in diameter was seen. It appeared round, aluminum in color and was drifting to the south at an estimated 20,000 feet making no sound and leaving no exhaust trail.
23. Summary of Incident . Agents Rorer & Mainwaring release was made from Ruston Field Co., at 1700 Central Standard Time followed for 15 minutes and then a witness due to transmitter failure. It is possible that this was the object sighted at 1700-022 (diameter of 20,000 ft at 15-18 ft.)

(Attach a Separate Sheet if Additional Space is Needed)

~~SECRET~~

5-20300

## INCIDENT SUMMARY SHEET

Incident No. 174

1. Date and Time of Observation: 1 Oct 48 (Friday morning) 0540
2. Where Sighted: Ascension Parish, Township 10 South, Range 4 East  
50 miles from New Orleans, La - ground
3. Observer's Position: ground  
(i. e., ground, air, control tower, etc.)
4. Name and Address of Observer: E. B. Williams, Pres. United Lead Co.  
219 Dryades St., New Orleans. RA 0515
5. Occupation and/or hobbies: considerable flying experience
6. Attention Attracted by: N/S
7. Number of Object(s) Seen: 1
8. Size of Object(s): Approximately the length of a passenger aircraft
9. Color of Object(s): white-hot
10. Shape (Sketch if Possible) cone-shaped
11. Nature of Luminosity: Seemed to be a white-hot cone. The object dis-  
(directed beam of light?) played no lights but seemed encased in flame.  
Did not light up the area.
12. Altitude of Object: 1500 to 2000 ft  
(estimated)
13. Estimated Distance of Object from Observer: 3/4 miles away
14. Estimated Speed of Object: Approx 200 MPH
15. Time in Sight: Sufficiently long to enable Williams to make a fairly  
detailed observation. Approximately 10 seconds.
16. Tactics: Straight and level flight
17. Sound Made by Object(s): soundless
18. Direction of Flight of Object(s) East
19. Apparent Construction: "flame"
20. Effect on Clouds: N/S
21. Exhaust Trail Color of): red flames
22. Manner of Disappearance: N/S
23. Weather Conditions at Time of Sighting: No clouds with wind fairly calm
24. Peculiarities Noted: Object left no trail of any kind and did not  
light up the area
25. Summary of Incident: (over)  
(See attached page)

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
5-20300

Incident: 174

At the time of the sighting observer was standing on a little ridge facing south in the midst of a clearing some twenty feet wide. It was too dark for hunting in the woods but was sufficiently light for him to see the time by his watch. At 0540 hours Williams was looking to the south and saw an object which resembled an ice cream cone traveling east with the larger end in front. The front end appeared white hot (like the mantle in a gasoline lantern) toward the rear it got gradually darker red. There was no visible metal or other material and no projections of any kind, only fire. The object made absolutely no noise and left no trail of any kind. It was traveling in a straight line from west to east and did not gain or lose altitude. There was no visible means of propulsion. It appeared to be about 3/4 miles away and at an elevation of approximately 2500 feet. Mr Williams stated he was looking up at an angle of about 30° relative to the ground and observed the object for approximately 10 seconds before it was obscured by some trees. It appeared to be about the size of the average airliner and was traveling approximately 300 M.P.H. The larger end of the cone appeared thicker than the average airliner in through the fuselage but it was about the same length. The object displayed no lights other than it appeared encased in flame. It did not light up the area. There was no visible means of support and no control surfaces. There were no clouds and the wind was fairly calm.

Williams stated that he was a student pilot but could not get a pilot's license because of poor muscular coordination in his eyes. His color perception was normal and his hearing is excellent.

Investigative personnel stated that Mr Williams seemed a reliable level headed person. He appeared conscientious and desired no publicity stating that he did not desire his friends and business acquaintances to join him concerning the matter.

  
Facing South

  
EAST

RED PLANE

RED PLANE

## INCIDENT SUMMARY SHEET

Incident No. 175

1. Date and Time of Observation: 23 Sept 1948 0945
2. Where Sighted: Santa Fe, New Mexico
3. Observer's Position: Ground, southwest from Plaza of Santa Fe, N. M.  
(i. e., ground, air, control tower, etc.)
4. Name and Address of Observer: A. Rable Angier, 2620 Proctor St., Waco, Texas
5. Occupation and/or hobbies: Neon Sign Manufacturer - own employer  
A pilot since 1928 - not a hobby
6. Attention Attracted by: Saw object glint while watching another aircraft
7. Number of Object(s) Seen: 1
8. Size of Object(s): At least 100 to 150 feet in diameter
9. Color of Object(s): white
10. Shape (Sketch if Possible) perfectly flat in appearance - compared to  
disc in sky.
11. Nature of Luminosity: - Sighted in daylight  
(directed beam of light?)
12. Altitude of Object: 25,000 to 30,000 feet  
(estimated)
13. Estimated Distance of Object from Observer: N/S
14. Estimated Speed of Object: Stationary at time sighted
15. Time in Sight: 15 or 20 minutes
16. Tactics: Very little movement if any noticed
17. Sound Made by Object(s): No sound determined at time of sighting
18. Direction of Flight of Object(s) Stationary - Seemed to move in a semi-  
circle, from S. to E. and finally to NE. May have been optical illusion.
19. Apparent Construction: Not determined
20. Effect on Clouds: No clouds
21. Exhaust Trail Color of): No evidence of exhaust noticed
22. Manner of Disappearance: Still in view when observer left
23. Weather Conditions at Time of Sighting: CAUV
24. Peculiarities Noted: Gave the appearance of being flat
25. Summary of Incident: (over)  
(See attached page)

Incident 175

While watching a government plane come in for a landing at Los Alamos at 0940 hours 23 Sept 1948, witness noticed something glint in the sun. Focusing his attention on the object he perceived that it was perfectly white, neither transparent or translucent and that it had no metallic sheen. It was perfectly circular, the side visible to him being flat - such as a coin would appear when observed from a distance. It appeared no larger than a dime. Lining it up in relation to the tip of the radio tower he backed off to the north. The object appeared clear out of the picture in relation to the tower. Using this perspective he judged the altitude to be approximately 30,000 ft. At this altitude the object would necessarily be some 100 to 150 feet in size in order to be visible at all. There were no projections, air-trails, or exhaust of any kind. He called the object to the attention of Mr Fairchild, his companion. Both men then went into a building transacted their business and at the end of eight minutes they went outside and perceived the object in approximately the same position. From the time Angier first saw the object to his last observation was approximately 15 to 20 minutes.

AGENTS NOTES: Mr Angier is approximately 50 years of age, well settled and conducts his own business. He is an experienced pilot, comes from a middle-class family, is a little above average in intelligence and is a good conversationalist. He told a straight-forward story and did not contradict himself. He appeared honest in his convictions in his belief that he saw an unconventional aircraft. He was convinced that the object was not a weather balloon since he is familiar with weather balloons.

INCIDENT SUMMARY SHEET

Incident No. 175a

1. Date and Time of Observation: 23 Sept 48 0930
2. Where Sighted: Santa Fe, N. M.
3. Observer's Position: ground  
(i. e., ground, air, control tower, etc.)
4. Name and Address of Observer: Mr John C. Fairchild
5. Occupation and/or hobbies: Building Superintendent  
drawing, mechanical inclinations also woodworking
6. Attention Attracted by: Glint of light & photography
7. Number of Object(s) Seen: 1
8. Size of Object(s): 150 - 200 feet estimated size
9. Color of Object(s): bright silvery object
10. Shape (Sketch if Possible) oblong egg shape
11. Nature of Luminescence: saw just a silver streak  
(directed beam of light?)
12. Altitude of Object: 30,000 feet  
(estimated)
13. Estimated Distance of Object from Observer: 7 miles
14. Estimated Speed of Object: 700 or 800 MPH
15. Time in Sight: 1/8
16. Tactics: Straight course
17. Sound Made by Object(s): None
18. Direction of Flight of Object(s) Northeast - Southwest
19. Apparent Construction: Unknown
20. Effect on Clouds: Clear sky
21. Exhaust Trail (Color of): Bluish appearance to rear
22. Manner of Disappearance: Faded from view
23. Weather Conditions at Time of Sighting: CAVU
24. Peculiarities Noted: Sort of a sunflower shape at the end of object  
seemed to be apart from object but close on its tail
25. Summary of Incident: (over)  
(See attached page)

Incident: 175a

Statement of Mr John C. Fairchild does not tally with that of  
A. Noble Angier. See Incident 175

Mr Fairchild saw a bright silvery oblong or egg-shaped object which appeared to have a speed of 700 to 800 MPH and which seemed to have a sort of sunflower shape at the end of it but apart from the object and close on its tail. He perceived a bluish appearance to rear of the object which could have been exhaust. To him the object appeared silvery instead of white and oblong rather than round. Mr Angier thought the object remained stationary. However the discrepancy in time could have accounted for this. Apparently Mr Fairchild observed the object some 15 minutes before Mr Angier observed it. Also it would seem that he watched it for a greater length of time in that he mentions that it faded from view whereas Mr Angier stated that it was still in view when he left.

## INCIDENT SUMMARY SHEET

Incident No. 176

1. Date and Time of Observation: 23 Sept 48 Approx 1200
2. Where Sighted: Castro's Ranch - 4 miles due east of San Pablo, Calif and  
4.1 miles South of Pinole, Calif
3. Observer's Position: <sup>ground</sup>  
(i. e., ground, air, control tower, etc.)
4. Name and Address of Observer: Horace S. Makins, Col., U. S. Army (RET)  
1024 Esther Drive, Walnut Creek, Calif.
5. Occupation and/or hobbies: Retired army colonel formerly a veterinarian  
presently employed as a Meat Inspector by Calif State Dept of Agr.
6. Attention Attracted by: Was observing an Army bomber when he observed  
an unknown object flying above the bomber
7. Number of Object(s) Seen: 1
8. Size of Object(s): About the size of a 4-engine bomber - longer than wide
9. Color of Object(s): Main part of body translucent and of a dirty gray color
10. Shape (Sketch if Possible) undulating with center portion appearing  
spherical having the shape and depth similar to a globe - like amoeba
11. Nature of Luminosity: Did not reflect or give off light of any type  
(Directed beam of light?)
12. Altitude of Object: Over a mile  
(Estimated)
13. Estimated Distance of Object from Observer: Over a mile directly above
14. Estimated Speed of Object: very fast speed
15. Time in Sight: Could not estimate
16. Tactics: Appendages seemed to flap or oscillate while center  
portion remained stable
17. Sound Made by Object(s): No noise
18. Direction of Flight of Object(s) Nearly due east
19. Apparent Construction: Thought main part of object appeared like canvas
20. Effect on Clouds: N/S
21. Exhaust Trail Color of): No evidence of exhaust
22. Manner of Disappearance: just disappeared from sight in a very short time
23. Weather Conditions at Time of Sighting: N/S Day was rather dull and  
hazy - there were very few clouds in the sky at the time.
24. Peculiarities Noted: See drawing attached
25. Summary of Incident: (over)  
(See attached page)

While watching an Army bomber which was flying rather low, Col Eakins observed above and going nearly due east an unknown object. He asked his companion, Mr Bentham, if he were seeing things. Bentham substantiated the fact that there was an object above the bomber. Col Eakins described the object as being approximately the size of a large four-engine bomber. It appeared undulating in shape resembling an amoeba (See sketch inclosed). The object appeared to have 3 appendages forward and 2 aft which seemed to be flapping or oscillating while the center portion remained stable. Col Eakins thought it was a mile or more above the bomber. In the center of the object there appeared a round, dark circle which, in Col Eakins' opinion, seemed to be above the main body of the object. Further it appeared that the main part of the object was translucent and of a dirty gray color and that the dark, circular portion appeared to grow more dense in color as it approached the center. From this observation Col Eakins concluded that the dark portion was spherical having the shape and depth of a globe. He further stated that the main part of the object appeared like canvas. He could not estimate the speed of the object but said it was traveling at a far greater speed than the bomber or anything else he had ever seen. There was no noise of any type and no evidence of exhaust or trail. The object did not reflect or give off light of any type.

Col Eakins prior to his retirement in 1948 was on duty in Panama as a veterinarian with the Army mission. He retired because of personal reasons and not because of physical defects. However, Col Eakins is far-sighted and has to wear glasses. Neighbors and business associates established the fact that he is highly thought of and is reliable in all his dealings and associations with them. He impressed the investigator as being stable, intelligent and above average in common sense.

## INCIDENT SUMMARY SHEET

Incident No. 176a

1. Date and Time of Observation: 23 Sept 48 Approx 1230
2. Where Sighted: Castro's Ranch - 4 miles due east of San Pablo, Calif & 4.1 miles south of Pinole, Calif.
3. Observer's Position: ground  
(i. e., ground, air, control tower, etc.)
4. Name and Address of Observer: Mr Sylvester Bentham, 2655 Dam Road  
Richmond, Calif.
5. Occupation and/or hobbies: retired butcher
6. Attention Attracted by: Col Makins calling his attention to the object
7. Number of Object(s) Seen: 1
8. Size of Object(s): Appeared from observer's viewpoint to be 2 inches by 1 inch by 1 inch.
9. Color of Object(s): Buff or gray in color
10. Shape (Sketch if Possible): rectangular outline with sharp corners  
(See attached drawing)
11. Nature of Illuminability: N/S  
(Directed beam of light?)
12. Altitude of Object: Very high  
(estimated)
13. Estimated Distance of Object from Observer: N/S
14. Estimated Speed of Object: faster than any plane he had ever seen
15. Time in Sight: At least 3 minutes
16. Tactics: horizontal flight
17. Sound Made by Object(s): no noise
18. Direction of Flight of Object(s): northwest then turned north
19. Apparent Construction: Seemed to be covered with a translucent material
20. Effect on Clouds: N/S
21. Exhaust Trail Color of): Left no exhaust or trail
22. Manner of Disappearance: flew out of sight gradually fading from view.
23. Weather Conditions at Time of Sighting: N/S
24. Peculiarities Noted: Seemed like a vegetable crate flying thru the air
25. Summary of Incident: (over)  
(See attached page)

Incident 176 ~

On 23 Sept 1948 Mr Sylvester Bentham was talking to Col Eakins when the Colonel called Bentham's attention to a single object in the sky. Object first appeared in the northeast and was moving faster than any airplane that Bentham had ever seen. Object appeared very high. Both Eakins and Bentham watched it for at least 3 minutes. It moved toward the northwest in a straight line at a constant speed finally turning to the North and faded from view. To Bentham the object appeared to have a regular rectangular outline with sharp corners. It was buff or gray in color with several darker vertical lines like ribs. (See drawing attached.) Object appeared like a "vegetable crate" flying thru the air and seemed to be covered with a translucent material. It made no noise and left no exhaust or trail. Apparent size was approximately 2 inches by 1 inch by 1 inch.

Mr Bentham's description as to the shape, direction and overall appearance of this object is in direct contradiction with statements made by Col Horace Eakins.

Mr Bentham further stated that neither he nor col Eakins were wearing glasses at the time and that he wears glasses only for reading. Mr. Bentham is 70 years of age. He is a retired butcher.

INCIDENT SUMMARY SHEET

Incident No. 177

1. Date and Time of Observation: **5 Sept 48 between 3:00 and 3:30 P. M.**
2. Where Sighted: **Kentwood, La.**
3. Observer's Position: **ground**  
(i. e., ground, air, control tower, etc.)
4. Name and Address of Observer: **Mrs Elan McDaniel & daughter Mildred**
5. Occupation and/or hobbies: **N/S**
6. Attention Attracted by: **Tangipahoa, La.**
7. Number of Object(s) Seen: **Object not seen**
8. Size of Object(s): **N/S**
9. Color of Object(s): **N/S**
10. Shape (Sketch if Possible) **N/S**
11. Nature of Luminosity: **N/S**  
(directed beam of light?)
12. Altitude of Object: **very high altitude**  
(estimated)
13. Estimated Distance of Object from Observer: **N/S**
14. Estimated Speed of Object: **terrific**
15. Time in Sight: **Object not seen**
16. Tactics: **N/S**
17. Sound Made by Object(s): **Unlike any made by known aircraft**
18. Direction of Flight of Object(s) **west**
19. Apparent Construction: **N/S**
20. Effect on Clouds: **N/S**
21. Exhaust Trail Color of): **N/S**
22. Manner of Disappearance: **N/S**
23. Weather Conditions at Time of Sighting: **N/S**
24. Peculiarities Noted: **Unusual sound**
25. Summary of Incident: **Object was not perceived as it was too high and going**  
(See attached page) **(over)**

incident: 177

at a terrific rate of speed. Witness states she has heard many planes but could not describe the sound.

Subsequent investigation of this incident reveals that according to neighbors Mrs McDaniel possesses a vivid imagination and that the daughter was inclined to take after the mother. Neither of the neighbors heard any unusual noises in the vicinity.

## INCIDENT SUMMARY SHEET

Incident No. 178

1. Date and Time of Observation: 1705 - 1715 HST 18 October 1948
2. Where Sighted: Honolulu, T. H., 158° 8' 21" 5' W
3. Observer's Position: Ground  
(i. e., ground, air, control tower, etc.) *Robert E. Drum*
4. Name and Address of Observer: 2737 Pacific Hgts Rd, Honolulu
5. Occupation and/or hobbies: Major, USAF - rated pilot
6. Attention Attracted by: N/S
7. Number of Object(s) Seen: 1 seen intermittently 4 times or 4 separate sightings
8. Size of Object(s): Appeared 4 or 5 inches in dia from observer's viewpoint  
Estimated size: 10 to 15 feet in diameter
9. Color of Object(s): bright silver - comparable to aluminum in aircraft
10. Shape (Sketch if Possible): round or elliptical
11. Nature of Luminosity: N/S No flame or lights observed  
(directed beam of light?)
12. Altitude of Object: 10,000 to 14,000 feet  
(estimated)
13. Estimated Distance of Object from Observer: N/S
14. Estimated Speed of Object: 200 MPH
15. Time in Sight: Observed intermittently, one time for 4 seconds, another for 10 seconds, the longest period.
16. Tactics: No maneuvering - observed horizontal flight
17. Sound Made by Object(s): No sound noticed
18. Direction of Flight of Object(s): Northeast on steady course
19. Apparent Construction: metallic
20. Effect on Clouds: cloud formation blocked vision of observer as object was at an altitude between the two cloud formations (See attached drawing)
21. Exhaust Trail (Color of): No exhaust trail
22. Manner of Disappearance: N/S
23. Weather Conditions at Time of Sighting: High broken clouds 3,500 ft; 3/10s cumulus bases 3,500 ft; 2/10 alto cumulus 14,000 ft; 5/10s cirrus est. 30,000 ft
24. Peculiarities Noted: Was not conventional craft Visibility: 15 m.
25. Summary of Incident:  
(See attached page)

incident: 178

On the afternoon of 18 October 1948 at approximately 1705 hours Maj Robert C. Drum stated that he had observed a strangely shaped glistening object in the north sector of the sky which was moving in a northeasterly direction at an estimated altitude of 10,000 ft. A stratus layer of clouds was situated above the object at an approximate altitude of 14,000 feet. The disc or discs were moving below this layer of clouds in that it was noted that on two occasions that the highest formation of clouds was at a greater altitude than the object observed and that the lower cloud formation blocked the vision of the observer thus placing the object between the two cloud formations or levels. Because of this lower broken cumulus clouds at a very low altitude which was moving in a southwesterly direction, the Major could not ascertain whether he saw the same disc four different times or four different discs. Over a period of 10 minutes the disc or discs were sighted four times. The longest period of observation was estimated as 10 seconds. The object or object(s) appeared bright silver in color and circular or elliptical in shape. No vapor or exhaust was present and no flame or lights were observed. No sound was heard. Speed was estimated as 200 MPH by using an estimated 40 MPH factor in the swirling build-up of cumulus clouds. Maj Drum compared the discs with a silver dollar slightly turned from a flat position, giving the object a disc-shape when held at arm's length at a 45° angle above eye level. Maj Drum thought that the elliptical effect could have resulted from the angle at which the observer and object were located. Maj Drum stated that he was certain the object was not a conventional craft. One B-26 and one B-17 and one PB4Y were flying in the vicinity during the period 0230/2 to 0330/2.

The above sighting was also observed by Mrs. Drum (Maj Drum's wife) and by his 8-yr old daughter. Both reported precisely the same observations stated by the Major.

I CLOUDY SUMMARY SHEET  
(To be filled out and retained in files)

#1179

1. Date of Observation . . . **Around Oct 1947**
2. Time of Observation . . . **N/S** . . . . .
3. Where was Object(s) Sighted . . **San Francisco, Calif** . . . . .
4. Observer's Position . . **ground - 1/2 mile from the great highway and playgrounds**  
(i.e. ground, air, control tower, etc.)
5. Name and Address of Observer . **John E. Pruitt** . . . . .
6. Occupation and/or Hobbies . . **student of Maj Rockwell School of Aviation** . . . . .
7. Attention Attracted to Object (s) By . . **felt "something like an electric arc"**
8. Number of Object(s) Sighted . **1** . . . . .
9. Size of Object(s) . . **N/S** . . . . .
10. Color of Object(s) . . **N/S** . . . . .
11. Shape (Sketch if Possible) . **N/S** . . . . .
12. Nature of Luminosity . . **N/S** . . . . .
13. Estimated Distance of Object from Observer . . **Seemed so near he could reach out**  
**and touch it**
14. Speed of Object(s) . . **N/S** . . . . .
15. Time in Sight . . **N/S** . . . . .
16. Tactics . . **N/S -** . . . . .
17. Sound Made by Object(s) . **N/S** . . . . .
18. Direction of Flight of Object(s) . **N/S** . . . . .
19. Apparent Construction (Of What Material or Substance) . **"mysterious light"** . . . . .
20. Effect of Objects on Clouds and/or Exhaust Trail . **N/S** . . . . .
21. Weather Conditions Existing at the Time . . **N/S** . . . . .
22. Peculiarities Noted . . **Seemed to fade** . . . . .
23. Summary of Incident . . . . .

(Attach a Separate Sheet if Additional Space is Needed)

Observer was walking thru the Golden Gate Park, when he observed a mysterious light that illuminated the entire ocean (insofar as he could see) He felt something "like an electric arc" which seemed to have the power to lower his hand "like a sack of shot". Observer states that he is subject to bruises and where the thing seemed to have contacted him he noticed a bruise the following day that had not been there before.

He stated that he couldn't find courage to report the incident since he didn't believe anyone would believe the story. He does not wish a further investigation.

NOTE: The account is very incoherent and the observer apparently not well educated. An extremely unreliable account.

INCIDENT SUMMARY SHEET

Incident No. 180

1. Date and Time of Observation:
2. Where Sighted:
3. Observer's Position:  
(i. e., ground, air, control tower, etc.)
4. Name and Address of Observer: Mr White Smith
5. Occupation and/or hobbies: Body work manager, Studebaker Plant,  
South Bend, Indiana
6. Attention Attracted by:
7. Number of Object(s) Seen:
8. Size of Object(s):
9. Color of Object(s):
10. Shape (Sketch if Possible) -
11. Nature of Luminosity:  
(directed beam of light?)
12. Altitude of Object:  
(estimated)
13. Estimated Distance of Object from Observer:
14. Estimated Speed of Object:
15. Time in Sight:
16. Tactics:
17. Sound Made by Object(s):
18. Direction of Flight of Object(s)
19. Apparent Construction:
20. Effect on Clouds:
21. Exhaust Trail (Color of):
22. Manner of Disappearance:
23. Weather Conditions at Time of Sighting:
24. Peculiarities Noted:
25. Summary of Incident:  
(See attached page)

100 ft. and  
200 ft. and  
300 ft. and  
400 ft. and

No report on this as yet.

INCIDENT SUMMARY SHEET  
(To be filled out and retained in files)

1. Date of Observation . . . **24 October 1948** . . . . . **Incident 161**
2. Time of Observation . . . **Approx 1430 hours local time**
3. Where was Object(s) Sighted . . . **Near Dayton, Ohio** . . . . .
4. Observer's Position . . . **From a C-47 at 6,000 feet** . . . . .  
(i.e. ground, air, control tower, etc.)
5. Name and Address of Observer . . . **Maj G. M. Smartt, Pilot, 2349 AF Ordnance,** . . .  
**Hamilton AF Base**
6. Occupation and/or Hobbies . . . **Pilot and Ordnance Officer** . . . . .
7. Attention Attracted to Object (s) by . . . **Came close enough to cause him to** . . .  
**duck in order to avoid collision**
8. Number of Object(s) Sighted . . . **Three or four** . . . . .
9. Size of Object(s) . . . **1-1/2 feet long and 9 inches across** . . . . .
10. Color of Object(s) . . . **silver or silvery white** . . . . .
11. Shape (Sketch if Possible) . . . **teardrop** . . . . .
12. Nature of Luminescence . . . **N/S** . . . . .
13. Estimated Distance of Object from Observer . . . **Seemed fairly close** . . . . .
14. Speed of Object(s) . . . **Appe red to be traveling very fast** . . . . .
15. Time in Sight . . . **a second** . . . . .
16. Tactics . . . . . **Traveled in straight line in gradual descent** . . . . .
17. Sound Made by Object(s) . . . **None noticed** . . . . .
18. Direction of Flight of Object(s) . . . **East** . . . . .
19. Apparent Construction (Of What Material or Substance) . . . **Metallc** . . . . .
20. Effect of Objects on Clouds and/or Exhaust Trail . . . **No evidence of exhaust** . . .  
**except for slight tail on tear-drop object**
21. Weather Conditions Existing at the Time . . . **heavy visibility for 15 miles** . . . . .
22. Peculiarities Noted . . . **Disappeared under wing of aircraft** . . . . .
23. Summary of Incident . . . **(over)** . . . . .

(Attach a Separate Sheet if Additional Space is Needed)

Objects seemed to take no definite course but flew in a general easterly direction in a gradual descent. A few came close enough to cause the pilot & co-pilot to duck as it appeared they might come thru the nose of the plane. Maj Smartt's analogy is as follows: Take about 1/2 gallon of water and dump it 200 yards in front of an approaching aircraft about 200 feet above it, with the water taking the shape of a teardrop. These objects appeared to travel in a straight line toward the aircraft and gradually descended, passing from view under the wing of the C-17. The apparent speed of these objects appeared quite high as they remained in view for only a second. They were sighted one at a time at intervals of three or four minutes.

Discrepancies noted: In first report Maj Smartt reported seeing 15 to 20 objects. Later he reports seeing three or four.

In first report he states that they pursued no definite course in that some traveled downward and some traveled upward. In last report he does not mention that any pursued an upward course.

The analogy of comparing sighting of these objects to 1/2 gallon of water dumped approximately 200 yards in front of his aircraft and that teardrop objects were formed seems to indicate an impression of a group of objects seen at one time (as first reported) and not singly at intervals of three or four minutes.

INCIDENT SUMMARY SHEET

(To be filled out and retained in files)

1. Date of Observation . . . → October 1948 . . . . . Incident: 182
2. Time of Observation . 2220 GMT to 2310 GMT
3. Where was Object(s) Sighted . . 74° 40' West by 36° 42' North . . . . .
4. Observer's Position . . At sea - aboard the S/S Gulfport . . . . .  
(i.e. ground, air, control tower, etc.)
5. Name and Address of Observer . . S/S Gulfport . . . . .
6. Occupation and/or Hobbies . Ship's captain . . . . .
7. Attention Attracted to Object (s) By . N/S . . . . .
8. Number of Object(s) Sighted . 1 . . . . .
9. Size of Object(s) . . 1/4 size of full moon . . . . .
10. Color of Object(s) . . bright . . . . .
11. Shape (Sketch if Possible) . . round . . . . .
12. Nature of Luminosity . . N/S . . . . .
13. Estimated Distance of Object from Observer N/S . . . . .
14. Speed of Object(s) . . Could not estimate . . . . .
15. Time in Sight . 50 minutes . . . . .
16. Tactics . . N/S . . . . .
17. Sound Made by Object(s) . N/S . . . . .
18. Direction of Flight of Object(s) . southeast . . . . .
19. Apparent Construction (Of What Material or Substance) . N/S . . . . .
20. Effect of Objects on Clouds and/or Exhaust Trail . N/S . . . . .
21. Weather Conditions Existing at the Time . N/S . . . . .
22. Peculiarities Noted . . ~~It~~ Had distinct bright center . . . . .
23. Summary of Incident . (over) . . . . .

(Attach a Separate Sheet if Additional Space is Needed)

Incident: 162

A bright object similar in shape to the moon but with a distinct bright center was observed by the master of the S/S "Gulfport". The object gradually grew darker as daylight faded. Size was that of 1/4 of a full moon. It was traveling southeast by west.

First bearing:	2220 GMT - <del>altitude</del> 350°	
2d bearing:	2230 GMT - <del>altitude</del> 358°	40.18
3d bearing:	2254 GMT -	050° 57.05

Disappeared at 2310 GMT.

## INCIDENT SUMMARY SHEET

Incident No. 183

1. Date and Time of Observation: 15 Oct 1948 - night
2. Where Sighted: Fukuoka Area between Misano Shima 33° 40' N by 132° 00' E  
and Fukuoka 32° 45' N - 128° 40' East, Japan
3. Observer's Position: (i. e., ground, air, ~~air~~ control tower, etc.)
4. Name and Address of Observer: N/S
5. Occupation and/or hobbies: pilot and radar observer
6. Attention Attracted by: sip of unknown aircraft appearing on airborne radar
7. Number of Object(s) Seen: 1 possibly 2
8. Size of Object(s): Could not be estimated
9. Color of Object(s): N/S
10. Shape (Sketch if Possible) Could not be determined
11. Nature of Luminosity: N/S  
(Directed beam of light?)
12. Altitude of Object: N/S  
(estimated)
13. Estimated Distance of Object from Observer: 2 miles to 12,000 ft
14. Estimated Speed of Object: Much greater than F-61.
15. Time in Sight: N/S
16. Tactics: Evasive
17. Sound Made by Object(s): N/S
18. Direction of Flight of Object(s) N/S
19. Apparent Construction: N/S
20. Effect on Clouds: N/S
21. Exhaust Trail Color of: No exhaust flames or trails seen
22. Manner of Disappearance: Accelerated speed and was lost to airborne radar-  
scope
23. Weather Conditions at Time of Sighting: Fukuoka Area: Unlimited ceiling,  
wind calm, visibility 5 to 6 miles with heavy cloud coverage 12 to 14,000 ft
24. Peculiarities Noted: High rate of acceleration, vertical scattered.  
ascent, cognizance of F-61's location at all times.
25. Summary of Incident: (over)  
(See attached page)

A cable from FEAF reported that an unidentified aircraft was sighted both visually and by radar by the pilot and radar observer of an F-61 on 15 Oct 48. The observers think it possible that 2 unidentified aircraft were involved in the interception. The sightings occurred at night; however, there was sufficient moonlight to permit a silhouette to be discerned although no details were observed. It was impossible to estimate the size of the aircraft or whether it was jet or propeller driven. No trails or exhaust flames were seen. The speed of this aircraft was reported as much greater than that of the F-61. It also had a high rate of acceleration and could go almost straight up or down out of radar elevation limits. The object seemed cognizant of the whereabouts of the F-61 at all times which might indicate that it carried radar equipment.

The F-61 interceptor aircraft was visible to ground radar only periodically as it flew in and out of the permanent ground return area in which search was being conducted. The only object picked up by the ground radar was the F-61. Estimated distance between interceptor (F-61) and objects in each sighting is as follows:  
First picked up at 1 1/2 miles and lost at 5,000 feet. ....  
Third picked up at 3 miles and lost at 10 miles.  
Four, five and six: all picked up at 9 miles and lost at 1200 ft.  
The last three sightings took place during a 10 minute period. In each instance the F-61 detected the object approximately 9 miles ahead, slowly closed to within 12,000 feet when the object would suddenly accelerate speed, dive and disappear from the airborne radarscope. Interceptor attempted to effect a normal pickup by diving after object but in each case was unsuccessful. After six sightings had been lost, the object was not again detected although interceptor continued to search the area until approximately 0130.

## INCIDENT SUMMARY SHEET

Incident No. 104

1. Date and Time of Observation: 20 Oct 1948 0600
2. Where Sighted: ~~near~~ Winona, Minnesota
3. Observer's Position: ground  
(i. e., ground, air, control tower, etc.)
4. Name and Address of Observer: Dr P. T. Benoit & Paul Zenk.
5. Occupation and/or hobbies: N/S
6. Attention Attracted by: N/S
7. Number of Object(s) Seen: 1
8. Size of Object(s): 25 feet long by 8 feet wide
9. Color of Object(s): N/S
10. Shape (Sketch if Possible) N/S
11. Nature of Luminosity: "sparks"  
(Directed beam of light?)
12. Altitude of Object: N/S  
(estimated)
13. Estimated Distance of Object from Observer:
14. Estimated Speed of Object: Slow
15. Time in Sight: N/S
16. Tactics: Broke up into numerous bright particles
17. Sound Made by Object(s): N/S
18. Direction of Flight of Object(s) N/S
19. Apparent Construction: "a bunch of sparks with a tail"
20. Effect on Clouds: N/S
21. Exhaust Trail Color of: tail
22. Manner of Disappearance: broke up into numerous bright particles
23. Weather Conditions at Time of Sighting: N/S
24. Peculiarities Noted: slow speed and the fact that it broke into numerous  
bright particles
25. Summary of Incident: (over)  
(See attached page)

Incident: 184

Taken from Minneapolis Morning Tribune  
21 October 1948

"DUCK! IT'S THOSE SAUCERS AGAIN"

... At Winona, Minn., Paul Zenk and Dr. F. T. Bercoit said they saw a slowly traveling object which broke up into numerous bright particles over the town at 6 A. M. 20 Oct 48.

They said it was about 25 feet long and eight feet wide and appeared to be a "bunch of sparks with a tail."

NOTE: The above witnesses were not contacted from Wold Chamberlain Fld, Minneapolis, Minn. See Incident 185 for report of L. A. Hansen and Harold Oliver.

## INCIDENT SUMMARY SHEET

Incident No. 185

1. Date and Time of Observation: 20 October 1948 at approx 0550 hours
2. Where Sighted: **Minneapolis, Minnesota**
3. Observer's Position: **ground**  
(i. e., ground, air, control tower, etc.)
4. Name and Address of Observer: **Lawrence A. Hansen, 1498 E. Albert St, St Paul**  
**Harold Oliver, 2929 13th Ave, South, Minneapolis**
5. Occupation and/or hobbies: **L. Hansen: teletype operator**  
**H. Oliver: Mailman**
6. Attention Attracted by: **N/S**
7. Number of Object(s) Seen: **1 (seen at two different locations, in Minneapolis)**
8. Size of Object(s): **6 feet**
9. Color of Object(s): **orange flame colored**
10. Shape (Sketch if Possible) **round with tail 1/3 again as long as diameter of**  
**object. See attached drawings**
11. Nature of Luminosity: **that of boiling sheets of flame**  
(Directed beam of light?)
12. Altitude of Object: **From 5,000 to 10,000 feet**  
(estimated)
13. Estimated Distance of Object from Observer: **N/S**
14. Estimated Speed of Object: **3 times that of jet aircraft**
15. Time in Sight: **N/S**
16. Tactics: **Seemed to follow a straight course, in a horizontal attitude**  
**losing very little altitude.**
17. Sound Made by Object(s): **No sound**
18. Direction of Flight of Object(s) **South southwest to north northeast.**
19. Apparent Construction: **"flame"**
20. Effect on Clouds: **Disappeared behind cloud banks to the north northeast**
21. Exhaust Trail (Color of): **boiling sheets of flame**
22. Manner of Disappearance: **Behind cloud bank to the north northeast**
23. Weather Conditions at Time of Sighting: **N/S**
24. Peculiarities Noted: **Front of the object seemed blurred as if enveloped**  
**in smoke - the rest of the main body was a fiery**  
**orange color**
25. Summary of Incident: **(See attached page) (over)**

Incident: 185

Object was sighted from 13th and Lake Street, Minneapolis & at 7th Street and 4th Ave., Minneapolis, by Lawrence A. Hansen, teletype operator and Harold Oliver, Mailman, at approximately 0550 hours 20 October 1948. Witnesses stories seem to conform in pattern throughout. The front of the object seemed blurred as if enveloped in smoke; whereas the rest of the main body was a fiery orange color. The tail seemed to be boiling sheets of flame which carried on back at variable distances and broke off dropping vertically for a short distance and then becoming indistinguishable. The object was last seen by both witnesses entering the cloud bank to the north-northeast and disappearing.

INCIDENT SUMMARY SHEET

Incident No. 186

1. Date and Time of Observation: 16 Oct 1948 1145 in the morning
2. Where Sighted: 1 mile south and 8 miles due east of Sterling, Utah
3. Observer's Position: ground - from mountain ridge at 9,000 ft  
(i. e., ground, air, control tower, etc.)
4. Name and Address of Observer: Mr Fred Nash, 20 East Crystal, Salt Lake City,  
Utah
5. Occupation and/or hobbies: Used car dealer and airplane mechanic  
Member of Latter Day Saints Church (did missionary work in Hawaii)
6. Attention Attracted by: sound of throbbing noise
7. Number of Object(s) Seen: 1
8. Size of Object(s): 9 inches long, 6 inches wide and 3 inches thick
9. Color of Object(s): silver and black (silver stripe running down the center  
of the underside) See drwg.
10. Shape (Sketch if Possible) similar to a flat football
11. Nature of Luminosity: E/S  
(Directed beam of light?)
12. Altitude of Object: 500 ft overhead  
(estimated)
13. Estimated Distance of Object from Observer: 500 ft
14. Estimated Speed of Object: 300 mph
15. Time in Sight: 4 seconds or longer
16. Tactics: horizontal flight
17. Sound Made by Object(s): throbbing noise or steady purr
18. Direction of Flight of Object(s) north and a little west (in general  
direction of Salt Lake City, Utah)
19. Apparent Construction: E/S
20. Effect on Clouds: no clouds in the sky
21. Exhaust Trail (Color of): no visible sign of exhaust; however, an  
opening could be seen in the center of the object from the rear.
22. Manner of Disappearance: E/S
23. Weather Conditions at Time of Sighting: calm with no clouds in the sky
24. Peculiarities Noted:
25. Summary of Incident: (over)  
(See attached page)

While Mr Nash was hunting for deer on the morning of the 16 Oct 48 he heard a throbbing noise or steady purr. Upon looking up he saw an object resembling a flattened football some 500 feet directly overhead. The object was silver and black, a silver stripe down the center (from front to rear) and on both sides of this center the object was black. It appeared about 9 inches long, 6 inches wide and 3 inches thick and was traveling in a straight line in a northerly direction a little to the west toward Salt Lake City, Utah, at an estimated rate of 300 mph. There was no visible sign of exhaust but from the rear an opening could be seen in the center. Mr Nash thought he saw a movement like a "paddlewheel". The object sounded as if it were jet propelled and seemed to be driven from the rear. Mr Nash stated the sound wasn't like that of an aircraft engine nor any type gasoline engine, although there was a definite throb or "put", "put", "put". He said if it were a gasoline engine, it was muffled. It made a sound of steady clicking, like a "skirt tail" flapping in the wind. He thought the clicking might have been a camera. The object was in sight approximately 4 seconds or longer.

NOTE: Character investigation of Mr Fred Nash seems to indicate reliability. He is a Used car dealer and an airplane mechanic and is in business for himself. Nash is a member in good standing of the Latter Day Saints Church (Mormon) having done foreign missionary work in Hawaii.

While Mr Nash claims to have excellent eyesight, his estimation of distances was found to be faulty - Agent asked Nash how high he thought a certain tree was - Nash stated that it was "over one hundred feet high." Agent estimated the tree to be about 40 feet high as compared to a power pole which towered above it.

## INCIDENT SUMMARY SHEET

Incident No. 187

1. Date and Time of Observation: **Aug 19, 1948 at 1050 Eastern**
2. Where Sighted: **Codman AF Base, Ky**
3. Observer's Position: **Codman AF Base, Ky**  
(i. e., ground, air, control tower, etc.)
4. Name and Address of Observer: **Lt Col John Wugh, Executive Officer**  
**Codman Field**
5. Occupation and/or Hobbies: **Executive Officer, Codman Field**
6. Attention Attracted by: **N/S**
7. Number of Object(s) Seen: **1**
8. Size of Object(s): **N/S**
9. Color of Object(s): **bright silver color - reflecting sun**
10. Shape (Sketch if Possible) **spherical**
11. Nature of Luminescence: **reflection of sunlight on silver**  
(directed beam of light?)
12. Altitude of Object: **thought to be between 30,000 & 40,000 ft**  
(estimated)
13. Estimated Distance of Object from Observer: **N/S**
14. Estimated Speed of Object: ~~Apparent stationary~~ **Moving to the Southwest**  
**at scarcely discernible speed**
15. Time in Sight: **Approx 2 hours**
16. Tactics: **Seemed to appear stationary**
17. Sound Made by Object(s): **N/S**
18. Direction of Flight of Object(s) **Southwest**
19. Apparent Construction: **metallic**
20. Effect on Clouds: **N/S**
21. Exhaust Trail (Color of): **N/S**
22. Manner of Disappearance: **N/S**
23. Weather Conditions at Time of Sighting: **N/S**
24. Peculiarities Noted: **Similarity of Altitude and Azimuth readings taken**  
**to that of Planet Venus**
25. Summary of Incident: **(over)**  
**(See attached page)**

Incident: 187

At 1050E, 19 Aug 1948, the Wright-Patterson Flight Service Center was notified by Lt Col John Wagh, Executive Officer, Godman AF Base, Ky, that an unidentified flying object was visible from the ground at Godman AFB. The object was ascertained to be at approximately 30,000 to 40,000 feet altitude, spherical in shape, bright silver color and giving off a bright reflection from the sun. An F-51 was dispatched from Standiford AFB, Ky, to observe the object. At 1132E a message received from Godman stated no change in elevation of the object and reported that it seemed to be moving southwest from Godman AFB at approximately 235° at an elevation of 60° from Godman AFB. The F-51 was flying at 30,000 to 35,000 ft at the time and could not locate the object. However, the object was visible from the ground with the naked eye and azimuth and elevation readings were being taken by theodolite every minute and the progress of the object was being charted. At 1219 E 19 Aug 1948 Maj Mitchel, Operations Officer at Godman AFB, notified Wright-Patterson Flight Service Center that the unidentified object was ascertained to be the planet Venus. This information was given the Commanding Officer Godman AFB by Mr Moore, Head Astrologer, University of Louisville, Ky. This assumption was verified by MCI later the same day.

IDENTIFICATION SHEET  
(To be filled out and retained in file) Incident: 188

1. Date of Observation . 29 Oct 1948 . . .
2. Time of Observation . 0812Z, 0819Z and 0916Z
3. Where was Object(s) Sighted . Plotted on radarscope which placed the sighting(s)  
in the Hamilton River Area, and Lake Melville & Dook Area . . . . .
4. Observer's Position . ground . . . . .  
(i.e. ground, air, control tower, etc.)
5. Name and Address of Observer . Radar Operator at AAF Goose Bay Labrador . . .  
. . . . .
6. Occupation and/or Hobbies . Radar Operator . . . . .  
. . . . .
7. Attention Attracted to Object (s) By . Object appeared on Ground Control Approach
8. Number of Object(s) Sighted . Either 3 different objects were plotted or one . .  
object appeared three times
9. Size of Object(s) . Size of a normal craft. . . . .
10. Color of Object(s) N/S - was not seen. . . . .
11. Shape (Sketch if Possible) . N/S . . . . .
12. Nature of Luminosity . . . N/S . . . . .
13. Estimated Distance of Object from Observer . 2 miles . . . . .
14. Speed of Object(s) . 25 to 30 MPH . . . . .
15. Time in Sight 1st sighting: N/S; 2 sighting: .6 minutes; 3d sighting: N/S
16. Tactics . . That of an aircraft making approach for landing. . . . .
17. Sound Made by Object(s) . N/S . . . . .
18. Direction of Flight of Object(s) 1st sighting: 170°; 2d sighting: 090°; 3d  
sighting: 270°
19. Apparent Construction (Of What Material or Substance) . . N/S . . . . .  
. . . . .
20. Effect of Objects on Clouds and/or Exhaust Trail . . N/S . . . . .  
. . . . .
21. Weather Conditions Existing at the Time . . . N/S . . . . .
22. Peculiarities Noted . . . None . . . . .  
. . . . .
23. Summary of Incident . . (over). . . . .  
. . . . .

(Attach a Separate Sheet if Additional Space is Needed)

**Radar Sighting of Unknown Aircraft  
Reported from AAF Goose Bay, Labrador  
Incident: 155**

Sighting occurred at 0812Z 29 Oct 1948 when an unidentified object appeared on Ground Control Approach. Scope was approximately two miles from center of field on a bearing of 170°. Object traveled about two miles and disappeared. No report on altitude was determined. Estimated rate of speed was 25 to 30 MPH. GCA operator called in another operator to verify his findings. Object again appeared at 0819Z and remained in scope until 0825Z. At 0819 the object appeared on a bearing of 090° and moved slowly in a wide arc to 270° and again disappeared. Object again appeared at 0916Z east of the field on a heading of 270° about 2 miles distant from the field in perfect alignment with Runway 27. It appeared to be the same as an aircraft making approach for landing. Size appeared to be the same as that of an aircraft at either extremely low or extremely high altitude. Object was very clear on GCA scope at all times. Plotting on base map indicates that object was in vicinity of Hamilton River at the time of the first spotting. The second spotting placed it in the immediate vicinity of Lake Melville and Dock Area.

## INCIDENT SUMMARY SHEET

Incident No. 189

1. Date and Time of Observation: 22 Sept 1948 about 1530 hours
2. Where Sighted: Near Turner AF Base, Albany, Ga
3. Observer's Position: Air - while acting as co-pilot  
(i. e., ground, air, control tower, etc.)
4. Name and Address of Observer: Lt Martin G. Rabisch, Eglin Auxiliary Fld  
42, Eglin AF Base, Fla.
5. Occupation and/or Hobbies: Asst Combat Operations Officer - Co-pilot
6. Attention Attracted by: motion of  
an approaching object
7. Number of Object(s) Seen: 1
8. Size of Object(s): Size of a radio-controlled model plane (5 to 10 ft)
9. Color of Object(s): metallic and shiny
10. Shape (Sketch if Possible) Undetermined
11. Nature of Luminosity: N/S - apparently none  
(Directed beam of light?)
12. Altitude of Object: Between 1500 and 2000 ft  
(estimated)
13. Estimated Distance of Object from Observer: NONE - 1/2 mile horizontally  
Approximately 500' laterally.
14. Estimated Speed of Object: about 250 MPH
15. Time in Sight: N/S 3 seconds
16. Tactics: N/S Level flight
17. Sound Made by Object(s): N/S - Unknown
18. Direction of Flight of Object(s) 335°
19. Apparent Construction: Metallic
20. Effect on Clouds: N/S - CAVU
21. Exhaust Trail (Color of): N/S
22. Manner of Disappearance: N/S
23. Weather Conditions at Time of Sighting: CAVU
24. Peculiarities Noted: No wings or rudder
25. Summary of Incident: (over)  
(See attached page)

Incident: 189

While acting as co-pilot on a C-47 aircraft enroute from Eglin Auxiliary Field #2 to Turner AF Base at approximately 1530 hours EST 22 Sept 48, Lt Martin G. Rubisch observed an object approaching at an angle of about 25°. The C-47 at the time was approaching Turner Field from the Southwest at an altitude of about 2,000 ft. The object appeared to be about 500 feet lower and about 2,000 to 1500 feet away and traveling at an estimated speed of 250 MPH. Lt Rubisch stated that the object appeared about the size of a radio controlled model airplane (5 to 10 ft). He could not determine the shape but said he could not observe wings or rudder. He could give no other description other than it was a metallic shiny object. No one else aboard the C-47 observed the object.

Ability to determine color, speed of moving objects and size at distance was determined excellent, however the observer's Squadron Commander was interviewed and he stated that Lt Rubisch is inclined to exaggerate and is a person whose opinion is not highly regarded by associate officers.

Observer was able to closely corroborate information given by him at first interrogation, though the interrogating officer was inclined to think that Lt Rubisch was given to exaggeration. It was the opinion of the interrogating officer that the observer was of normal intelligence and sound character.

INCIDENT SUMMARY SHEET  
(To be filled out and retained in files)

Incident: 190

1. Date of Observation . **11 October 1948** .
2. Time of Observation . **1300 hours** . . . .
3. Where was Object(s) Sighted . **Wendtberg AB Base, Germany** . . . . .
4. Observer's Position . **ground** . . . . .  
(i.e. ground, air, control tower, etc.)
5. Name and Address of Observer . . **W/S - observed by 6 military personnel of 86th  
Fighter Wing, Wendtberg AB Base**
6. Occupation and/or Hobbies . **W/S** . . . . .
7. Attention Attracted to Object (s) By . . . **W/S** . . . . .
8. Number of Object(s) Sighted . **1** . . . . .
9. Size of Object(s) . . **W/S - but it seemed an AF-50 craft flying between object  
and observer to appear small in relation to the size of the object**
10. Color of Object(s) . **silver and very shiny** . . . . .
11. Shape (Sketch if Possible) . **Round - but unable to determine if disc or ballist  
shaped**
12. Nature of Luminosity . **reflected light** . . . . .
13. Estimated Distance of Object from Observer . . **40,000 ft. altitude** . . . . .
14. Speed of Object(s) . **Did not appear to move but got smaller - presumably because  
it continued to rise**
15. Time in Sight . . . **45 minutes** . . . . .
16. Tactics . **W/S - appeared stationary** . . . . .
17. Sound Made by Object(s) . . **W/S** . . . . .
18. Direction of Flight of Object(s) . . **Appeared on a 50° heading f/Wendtberg AB Base**
19. Apparent Construction (Of What Material or Substance) . **metallic** . . . . .
20. Effect of Objects on Clouds and/or Exhaust Trail . . **Object disappeared behind  
a thin layer of clouds**
21. Weather Conditions Existing at the Time . . **(Clouds at 20,000 ft) - sunlight** . . . . .
22. Peculiarities Noted . . **None** . . . . .
23. Summary of Incident . **(over)** . . . . .

(Attach a Separate Sheet if Additional Space is Needed)

Incident: 190

On 11 October 1948 at approximately 1300 hours an unidentified object was observed by six military personnel of 86th Fighter Wing Neubiberg AF Base, Neubiberg, Germany. Object was estimated to be at 40,000 ft on a 50° heading from Neubiberg AF Base and was sighted continuously for 45 minutes, gradually becoming smaller and smaller - apparently rising but no change in compass direction was noted and it was apparently not influenced by the winds aloft. The visible circumference of the object appeared round but it could not be ascertained if it were disc-shaped or ball-like-shaped. It was silver in color and very shiny in the rays of the sun. An AF-80 craft flying between the object and the observers on the ground appeared small in relation to the size of the object. The estimated altitude of the jet was 25,000 ft. Object was lost to view when a thin layer of clouds (estimated to be at about 20,000 ft) passed between the object and the ground observers.

High reliability is given the personnel sighting this object.

INCIDENT SUMMARY SHEET  
(To be filled out and retained in files) - incident: 191

1. Date of Observation **24 October 1948** . . .
2. Time of Observation . **1545 CST** . . . . .
3. Where was Object(s) Sighted **10 miles Southwest of Junction City, Kansas** . . . . .
4. Observer's Position . **ground position** . . . . .  
(i.e. ground, air, control tower, etc.)
5. Name and Address of Observer **Captain Glenn A. Huber, Base S-3 Officer, Ft . . . . .  
. . . Riley, Kansas** . . . . .
6. Occupation and/or Hobbies . **Base S-3 Officer** . . . . .
7. Attention Attracted to Object (s) By . **N/S** . . . . .
8. Number of Object(s) Sighted . **1** . . . . .
9. Size of Object(s) . . . **N/S** . . . . .
10. Color of Object(s) . **"metallic"** . . . . .
11. Shape (Sketch if Possible) . . **N/A** . . . . .
12. Nature of Luminosity . **N/S** . . . . .
13. Estimated Distance of Object from Observer . ~~1000-2000 ft~~ **approx 7,000 ft** . . . . .
14. Speed of Object(s) . **faster than any known aircraft** . . . . .
15. Time in Sight . . **N/S** . . . . .
16. Tactics . . **N/S** . . . . .
17. Sound Made by Object(s) . **N/S** . . . . .
18. Direction of Flight of Object(s) . . **First West then turned South** . . . . .
19. Apparent Construction (Of What Material or Substance) **metallic** . . . . .
20. Effect of Objects on Clouds and/or Exhaust Trail . **N/S** . . . . .
21. Weather Conditions Existing at the Time . . **CAW Visibility 15 miles** . . . . .
22. Peculiarities Noted . . . . .  
**Wind SW**
23. Summary of Incident . . **(over)** . . . . .

(Attach a Separate Sheet if Additional Space is Needed)

Incident: 191

At 1545 CST 24 Oct 1948 Capt Glenn Huber, Base S-3 Officer, Ft Riley, Kansas, sighted an unidentified metallic object proceeding in a general westerly direction. The object was viewed from a ground position 10 miles from Junction City, Kansas. Altitude appeared over 7,000 feet. It was traveling with the speed of a fast aircraft. It then turned south at a speed greater than any aircraft he had ever seen. Visibility was excellent. Wind South-Southwest.

INCIDENT SUMMARY SHEET  
(To be filled out and retained in files)

Incident: 192

1. Date of Observation . **24 Dec 1948** . . . . .
2. Time of Observation . **early evening, around 5:45 P. M.**
3. ~~Where~~ Object(s) Sighted . **From ground on route to Fargo, N. D. near**  
~~Where~~ **Minnesota hills traveling on highway 452** . . . . .
4. Observer's Position . . **ground** . . . . .  
(i.e. ground, air, control tower, etc.)
5. Name and Address of Observer . . **L. G. Sanders & Wife, 9th Street, North Fargo,**  
    **North Dakota** . . . . .
6. Occupation and/or Hobbies . **N/S** . . . . .
7. Attention Attracted to Object (s) By . . **light** . . . . .
8. Number of Object(s) Sighted . . . . **1** . . . . .
9. Size of Object(s) . . . . **N/S** . . . . .
10. Color of Object(s) . **N/S =** . . . . .
11. Shape (Sketch if Possible) . . **N/S** . . . . .
12. Nature of Luminosity . . **N/S =** . . . . .
13. Estimated Distance of Object from Observer . **N/S** . . . . .
14. Speed of Object(s) . . **2 or 3 times faster than a plane.**
15. Time in Sight . . **N/S** . . . . .
16. Tactics . . **horizontal flight** . . . . .
17. Sound Made by Object(s) . **N/S** . . . . .
18. Direction of Flight of Object(s) . . **East to West direction** . . . . .
19. Apparent Construction (Of What Material or Substance) . . **"light"** . . . . .
20. Effect of Objects on Clouds and/or Exhaust Trail . **N/S** . . . . .
21. Weather Conditions Existing at the Time . . **Visibility was good** . . . . .
22. Peculiarities Noted . . **None** . . . . .
23. Summary of Incident . . . . **(over)** . . . . .

(Attach a Separate Sheet if Additional Space is Needed)

Incident: 192

While motoring on U. S. Highway #52 in a northwestern direction on the outskirts of Moorhead, Minnesota, Mr. L. O. Sanders & wife observed a light traveling in an east to west direction. Mr. Sanders first observed the light which was to his right and pointed it out to his wife who also clearly saw it. Visibility at the time was good. Observer estimated that he could have seen a plane at the distance he estimated the object to have been. The speed was two or three times faster than a plane. Both agreed that it could not have been a meteor because of the length of time it was visible and because the direction of flight was a slight rise rather than down.

IDENTIFICATION SUMMARY SHEET  
(To be filled out and retained in files)

1. Date of Observation . . . **Oct 48** . . . . .
2. Time of Observation . **Between 1200 and 1430** **Incident 193**
3. Where was Object(s) Sighted . . . **2 miles west of Homburg AF Base** . . . . .
4. Observer's Position . . **Ground - at housing project 2 miles west of the base** . .  
(i.e. ground, air, control tower, etc.)
5. Name and Address of Observer . **N/S** . . . . .
6. Occupation and/or Hobbies . **N/S** . . . . .
7. Attention Attracted to Object (s) by . . . **N/S** . . . . .
8. Number of Object(s) Sighted . . . **1** . . . . .
9. Size of Object(s) . . . **N/S** . . . . .
10. Color of Object(s) . . . **black** . . . . .
11. Shape (Sketch if Possible) ~~XXXXXXXXXXXXXXXXXXXX~~ **Round** . . . . .
12. Nature of Luminosity . . . **N/S** . . . . .
13. Estimated Distance of Object from Observer . . **N/S** . . . . .
14. Speed of Object(s) . **Faster than F-47 type plane** . . . . .
15. Time in Sight . **2 minutes** . . . . .
16. Tactics . **N/S** . . . . .
17. Sound Made by Object(s) . . . **N/S** . . . . .
18. Direction of Flight of Object(s) **southwest course** . . . . .
19. Apparent Construction (Of What Material or Substance) . . **N/S** . . . . .
20. Effect of Objects on Clouds and/or Exhaust Trail . **N/S** . . . . .
21. Weather Conditions Existing at the Time **N/S** . . . . .
22. Peculiarities Noted . . **N/S** . . . . .
23. Summary of Incident . . **(over)** . . . . .

(Attach a Separate Sheet if Additional Space is Needed)

Incident #193

On \_\_\_\_\_ October 1948 between 1200 and 1430 hours an unidentified flying object was sighted from a housing project 2 miles west of Neuberg Air Force Base by men of the base. When sighted the object was between observer and \_\_\_\_\_  
The sun was high. Altitude of the object which was pursuing a southwest course could not be determined. Visible circumference was round but overall shape and size could not be determined. The color was black. Speed could not be estimated but appeared faster than F-47 type aircraft. Object sighted for approximately 2 minutes.

Evaluation: B-2

GIDRIS SUMMARY SHEET  
(To be filled out and retained in files)

1. Date of Observation . 1040 A.M. . . . . Incident 194
2. Time of Observation . . 3 Nov. 1948 . . . . . now identified
3. Where was Object(s) Sighted . . . . . Near Andrews Fld. . . . .
4. Observer's Position . . . . . Aircraft #37821 . . . . .  
(i.e. ground, air, control tower, etc.)
5. Name and Address of Observer . . . . . Lt Cow Pain, Coast Guard Pilot (original report)  
and by 2 fighter pilots of the 22d Fighter Wing, who verified the sighting
6. Occupation and/or Hobbies . . . . . pilot
7. Attention Attracted to Object (s) by . . . . . N/S
8. Number of Object(s) Sighted . . . . . 8 balloons in a cluster
9. Size of Object(s) . . . . . N/S
10. Color of Object(s) . . . . . N/S
11. Shape (Sketch if Possible) . . . . . round - that of balloons
12. Nature of Luminosity . . . . . N/S
13. Estimated Distance of Object from Observer . . . . . N/S  
Elevation 13,000 feet
14. Speed of Object(s) . . . . . 2 MPH
15. Time in Sight . . . . . N/S
16. Tactics . . . . . N/S
17. Sound Made by Object(s) . . . . . N/S
18. Direction of Flight of Object(s) . . . . . heading of approximately 145°
19. Apparent Construction (Of What Material or Substance) . . . . . like that of balloons
20. Effect of Objects on Clouds and/or Exhaust Trail . . . . . N/S
21. Weather Conditions Existing at Time of Observation . . . . . good visibility - scattered to broken  
base of clouds approximately 5,000 feet
22. Peculiarities Noted . . . . . Resembled an intestine  
that had been inflated
23. Summary of Incident . . . . . (over)

(Attach a Separate Sheet if Additional Space is Needed)

Original report was classified top-secret. Strategic Air Command requested original message be destroyed.

At 10:40 A. M. on 3 Nov 48 two Mustang fighters of the 82d Fighter Wing were dispatched to investigate the sighting reported by Lt Com Pain, a Coast Guard pilot, who reported the original sighting. The pilots upon reaching 22,000 feet sighted the unidentified object. They kept on climbing until they reached 37,000 feet. They estimated the object to be another five or six thousand feet above them. At this height the object resembled an intestine that had been inflated and it appeared 5 to 6 times higher than wide. Sketches were not available. Speed was estimated to be about 2 mph. Heading approximately 45°/

First report by Strategic Air Command identified the object tentatively as a heavenly body.

Subsequent information received by Lt Robertemper, Coast Guard Officer stationed at Salem identified the craft as a cosmic ray equipment carrier used by MIT. Later it was definitely established that the craft sighted was a cluster of eight balloons used by MIT for cosmic ray research.

This incident is considered closed in that definite identity has been established.

## INCIDENT SUMMARY SHEET

Incident No. 195

1. Date and Time of Observation: 31 October 1948 - 1545Z
2. Where Sighted: Goose Bay Labrador
3. Observer's Position: Goose Bay, Labrador from GCA Unit  
(i. e., ground, air, control tower, etc.)
4. Name and Address of Observer: GCA Operator, Col Jones, Capt Verner  
Newfoundland Base Command, Mt Pepperell, Newfoundland
5. Occupation and/or Hobbies: GCA Operator, Commanding Officer and Group  
Commander.
6. Attention Attracted by: Target on PPI Scope
7. Number of Object(s) Seen: 1
8. Size of Object(s): Undetermined
9. Color of Object(s): N/C
10. Shape (Sketch if Possible) N/S
11. Nature of Luminosity: N/S  
(directed beam of light?)
12. Altitude of Object: N/S  
(estimated)
13. Estimated Distance of Object from Observer: 3 miles south of field
14. Estimated Speed of Object: 25 MPH
15. Time in Sight: N/S
16. Tactics: N/S
17. Sound Made by Object(s): N/S
18. Direction of Flight of Object(s) Southwest
19. Apparent Construction: N/S
20. Effect on Clouds: N/S
21. Exhaust Trail Color of: N/S
22. Manner of Disappearance: Went into ground clutter at 6 miles
23. Weather Conditions at Time of Sighting: N/S
24. Peculiarities Noted: N/S
25. Summary of Incident: (Over)  
(See attached page)

Incident: 195

On 31 Oct 1958 at 1445 Z, GCA Operator at Goose Bay, Labrador noticed a target on PFI Scene Number 1. It (the object) appeared to be about 3 miles south of the field and was traveling on a southwest heading. It went into a ground clutter at 6 miles. The blip traveled at a speed of approximately 25 MPH. This target sighting was verified by Base Commander C. D. Jones and by Group Commander Captain Verner, who were in the unit at the time.

INCIDENT SURVIVAL SHEET  
(To be filled out and retained in files)

Incident: 196

1. Date of Observation . 1 Nov 1948 . . . . .
2. Time of Observation . 2145 Z . . . . .
3. Where was Object(s) Sighted . 3-3/4 miles from Ft McAndrew, Newfoundland . . . . .
4. Observer's Position . . . . . GCA Scope  
(i.e. ground, air, control tower, etc.)
5. Name and Address of Observer . . . . . Ex 2 GCA operators, Ft McAndrew, Newfoundland . . . . .
6. Occupation and/or Hobbies . . . . . GCA operators
7. Attention Attracted to Object (s) by . . . . . blip . appeared on radarscope . . . . .
8. Number of Object(s) Sighted . 1 . . . . .
9. Size of Object(s) . . . . . too large for a bird and too small for an aircraft . . . . .
10. Color of Object(s) . . . . . N/S - could not be ascertained . . . . .
11. Shape (Sketch if Possible) . . . . . N/S could not be ascertained . . . . .
12. Nature of Luminosity . . . . . N/S . . . . .
13. Estimated Distance of Object from Observer . . . . . 3-3/4 miles at first . . . . .
14. Speed of Object(s) . . . . . estimated at almost a mile a minute - 60 KM MPH
15. Time in Sight . . . . . 4 minutes and 7 seconds - timed with stop watch
16. Tactics . . . . . N/S . . . . .
17. Sound Made by Object(s) . . . . . N/S . . . . .
18. Direction of Flight of Object(s) . . . . . On heading of 249° . Disappeared on bearing  
of 182°
19. Apparent Construction (Of what Material or Substance) . . . . . N/S . . . . .
20. Effect of Objects on Clouds and/or Exhaust Trail . . . . . N/S Could not be ascertained
21. Weather Conditions Existing at the Time . . . . . N/S . . . . .
22. Peculiarities Noted . . . . . N/S . . . . .
23. Summary of Incident . . . . . (over)

(Attach a Separate Sheet if Additional Space is Needed)

Incident 196

Target picked up on OCA scope at 2145Z 1 Nov at 3-3/4 miles from station on a bearing of 123° from station. Traveled on a heading of approx 249° and disappeared at 7-1/2 miles on a bearing of 182° from the station. Blip traveled the 4 miles in 4 minutes and 7 seconds timed with a stop watch. A speed of approximately 60 MPH. Operator stated blip was too small at 7-1/2 miles to be an aircraft and too large to be a bird. Wind was from 270 to 300° and at 5 to 10 MPH. Target witnessed by 2 OCA operators.

INCIDENT SUMMARY SHEET  
(To be filled out and retained in files)

1. Date of Observation . . . ~~0435-0455~~ 5th Nov 1948 Incident 197
2. Time of Observation . . . 0435-0455 . . . . .
3. Where was Object(s) Sighted . . . Richmond, Indiana . . . . .
4. Observer's Position . . . From "The Palladium-Item" building, Richmond, Indiana . .  
(i.e. ground, air, control tower, etc.)
5. Name and Address of Observer . . . Dale Stevens, Sports Editor for The Palladium Item  
. . . Richmond, Indiana . . . . .
6. Occupation and/or Hobbies . . . Sports Writer . . . . .
7. Attention Attracted to Object (s) By . . . Telephone call which referred his . .  
attention to an object in the sky
8. Number of Object(s) Sighted . . . 1 . . . . .
9. Size of Object(s) . . . larger than a star . . . . .
10. Color of Object(s) . . . white . . . . .
11. Shape (Sketch if Possible) . . . Round . . . . .
12. Nature of Luminosity . . . like that of a brilliant star . . . . .
13. Estimated Distance of Object from Observer . . . N/A . - thought to be great distance
14. Speed of Object(s) . . . Remained stationary . . . . .
15. Time in Sight . . . 20 minutes (from 0435 to 0455) . . . . .
16. Tactics . . . Remained stationary . . . . .
17. Sound Made by Object(s) . . . None . . . . .
18. Direction of Flight of Object(s) . . . . .
19. Apparent Construction (Of What Material or Substance) . . . N/A . . . . .
20. Effect of Objects on Clouds and/or Exhaust Trail . . . No exhaust trail - clouds . .  
. . . caused object to appear a bit dimmer . . . . .
21. Weather Conditions Existing at the Time . . . low overcast at about 1,000 ft. however  
when object was first observed the sky was clear with stars out.
22. Peculiarities Noted . . . seemed to flicker . . . . .
23. Summary of Incident . . . (over) . . . . .

(Attach a Separate Sheet if Additional Space is Needed)

5th Nov 1948

At approximately 0435 A. M. a woman phoned The Palladium-Item, Richmond Indiana to ask if they had observed a light in the east which she stated resembled a flare hanging from a parachute. Mr. Dale Stevens, a sports writer, on the newspaper was in the office at the time and advised that he would check on it. Immediately after the woman hung up a man called with a similar statement. Mr. Stevens then looked out the window and saw a brilliant white light a bit south of east. It seemed to flicker a great deal and appeared much larger than a star so he discounted the possibility of it being a heavenly body. Lining it up with a corner of a certain building and observing it for a few minutes he perceived no movement. He then called the police but they knew nothing of it. He then went to the upper roof and watched it for some 10 minutes. Coming down he got a camera and took a time exposure of it. However, upon his return to the roof the object appeared dimmer due to an overcast. Within five more minutes the sky was overcast from low clouds estimated to be at about 1,000 feet. When the object was first observed the night was clear with stars out. Mr. Stevens thought the size of the object appeared about 5 to 10 times that of a normal star. He took two pictures of the "floating light".

Mr. Stevens is considered to be a trustworthy person. His employer, Paul J. Ingels stated that he will attempt to obtain as many true facts as possible. He considers him honest and sincere. Mr. Stevens is a member of the local Junior Chamber of Commerce.

#### Astronomer

Check with Professor David Telfair of Earlham College revealed that it was the Professor's opinion that it couldn't have been a star.

Check with MCIATL-33 elicited the statement that the approximate burning time of USAF Parachute Flares never exceeds 5 to 8 minutes and that they are mostly designed for a burning time of only 3 minutes. There is, however, a Tow Type Aerial Flare that consists of several three-minute flares which is towed as a chain behind an aircraft (but never dropped by a parachute) and which are designed to burn one at a time to facilitate night tracking and gunnery practices. Suggested obtaining of TR 9-1961 to compare photographs of flare photographs with those taken by Mr. Stevens.

In "Look" magazine dated 22 Nov 48 there was an article describing an object in the first gray light of dawn on Nov 6. It was a bright white ball with a filly white tail. Dr. Harley Wood, an astronomer in Sydney, flashed the word that one of the most spectacular comets yet to appear in this century had made its appearance in the sky over Australia. Three days later early risers in the southern and western parts of the U. S. were able to observe this body with the naked eye. The comet was visible for a brief 60 minutes before it was obscured by the sun's light.

1. Date and Time of Observation: **6 Nov 1948 1157 hrs**
2. Where Sighted: **Immediately above Radar Site at Maktsmai, Japan**
3. Observer's Position: **Ground - operating radarscope**  
(i. e., ground, air, control tower, etc.)
4. Name and Address of Observer: **H/S**
5. Occupation and/or hobbies: **Radarscope operator**
6. Attention Attracted by: **blip on the radarscope**
7. Number of Object(s) Seen: **Target at first appeared as single craft and at times as 2 aircraft**
8. Size of Object(s): **normal for aircraft on radarscope**
9. Color of Object(s): **H/S** (Object was not observed visually at any time)
10. Shape (Sketch if Possible) **H/S**
11. Nature of Luminosity: **H/S**  
(Directed beam of light?)
12. Altitude of Object: **Unknown**  
(estimated)
13. Estimated Distance of Object from Observer: **Could not be estimated**
14. Estimated Speed of Object: **Varying - from 160 miles to 240 miles per hour**
15. Time in Sight: **Circled radar site continuously for one hour and 5 minutes**
16. Tactics: **Target at times gave impression of 2 fighter aircraft dog-fighting. Continuously changed course.**
17. Sound Made by Object(s):
18. Direction of Flight of Object(s) **Circling**
19. Apparent Construction: **H/S**
20. Effect on Clouds: **H/S**
21. Exhaust Trail (Color of): **H/S**
22. Manner of Disappearance: **H/S**
23. Weather Conditions at Time of Sighting: **Low & high cloud formation forming very dense overcast of unknown height.**
24. Peculiarities Noted: **Blip at times appeared single and at times gave appearance of 2 aircraft in vicinity**
25. Summary of Incident: **(over)**  
(See attached page)

Incident: 198

Target appeared in ground clutter area during entire period of observation. Target was not observed in station area, and was not observed visually at any time. At times the target appeared as 2 aircraft and at another time as a single aircraft. Gave impression of 2 fighter craft dog-fighting. Evaluated as Soviet aircraft conducting electronic reconnaissance mission. Thought to be a Soviet "Ferret" since the object was computed to have held a speed of 240 MPH and since the size of blip on radarscope was normal for an aircraft. The unidentified aircraft circled (20 mile radius) continuously for one hour and five minutes immediately above radar site installed at ~~Wakana~~. No authorized aircraft was in the vicinity. Weather conditions precluded visual observation.

## INCIDENT SUMMARY SHEET

Incident No. 199

1. Date and Time of Observation: **30 Oct 1948 1430 PST**
2. Where Sighted: **15 miles northwest of Grays Harbor, Washington  
10 miles off coast**
3. Observer's Position: **Air while flying an F-52 type aircraft on a northerly  
(i. e., ground, air, control tower, etc.) course at 240 MPH**
4. Name and Address of Observer: **Major Morris, Pilot and Lt Kuzman,  
318th All Weather Fighter Sq, 325th Fighter Gp, McChord AF Base, Washington**
5. Occupation and/or hobbies: **As above**
6. Attention Attracted by: **N/S**
7. Number of Object(s) Seen: **from 10 to 20**
8. Size of Object(s): **No idea of size - could not be determined**
9. Color of Object(s): **yellow then white**
10. Shape (Sketch if Possible) **undetermined - thought they were egg-shaped**
11. Nature of Luminosity: **N/S No outstanding reflection  
(directed beam of light?)**
12. Altitude of Object: **Approx 8,000 ft  
(estimated)**
13. Estimated Distance of Object from Observer: **too far away to determine a  
definite shape**
14. Estimated Speed of Object: **Could not be estimated**
15. Time in Sight: **20 seconds**
16. Tactics: **horizontal flight with no apparent change of altitude - not  
trying to attack or to escape**
17. Sound Made by Object(s): **no sound**
18. Direction of Flight of Object(s) **Westerly course for about 17 seconds,  
then changed to a northerly course and disappeared**
19. Apparent Construction: **Seemed translucent**
20. Effect on Clouds: **N/S**
21. Exhaust Trail Color of): **No evidence of exhaust**
22. Manner of Disappearance: **Seemed to dissolve - they didn't go far enough  
to fade from view**
23. Weather Conditions at Time of Sighting: **5 mile visibility - fog and smoke**
24. Peculiarities Noted: **Appear translucent**
25. Summary of Incident: **(over)  
(See attached page)**

Incident: 199

When Lt Kusman saw the objects they appeared as a very small compact group. At that time they were at 1000 o'clock position. Later at a 1:00 o'clock position they seemed to string out to an in-line formation. At first Kusman could not identify anything. At the time there were clouds up and down the coast but none in the observer's vicinity. The first color Kusman noticed was yellow. At 1:00 position the color appeared white. At that time Kusman thought they were seagulls. Thought there were from 10 to 20. At no time did Kusman identify any object. He saw something and mentioned it to Maj Morris the pilot who was fairly busy at the time and didn't see the objects. Objects came around to a 3:00 o'clock position in approximately the same type formation and white in color, then made a turn back to a 2:30 position, paralleling the course of the F-52-F and then faded such as an exhaust fume from an airplane would. At first the object appeared yellow then changed to white. The shape seemed to change slightly. He thought that they looked egg-shaped. Part of the time they appeared rather translucent - immediately before disappearance. (In this respect it is pointed out that there was fog and smoke in the vicinity according to weather reports for the vicinity of Grays Harbor) No estimation could be made as to size. Objects disappeared on a northerly course. No evidence of aggressive or evasive tactics. Speed could not be estimated.

## INCIDENT SUMMARY SHEET

Incident No. 200

1. Date and Time of Observation: 17 Oct 48 1610Z
2. Where Sighted: Crescent City, Calif
3. Observer's Position: ground  
(i. e., ground, air, control tower, etc.)
4. Name and Address of Observer: Edgar W. Allen, 3rd and Leaf Ave.,  
Crescent City, Calif.
5. Occupation and/or hobbies: Barber
6. Attention Attracted by: Glint of light
7. Number of Object(s) Seen: 1
8. Size of Object(s): 25 feet long
9. Color of Object(s): silver
10. Shape (Sketch if Possible) eggshaped with fins
11. Nature of Luminosity: N/S  
(directed beam of light?)
12. Altitude of Object: (5,000 to 25,000 feet) - Mr Allen thought 10,000 ft.  
(estimated)
13. Estimated Distance of Object from Observer: 2 miles  
at a 60° angle of elevation from horizon - was seen laterally
14. Estimated Speed of Object: 300 mph
15. Time in Sight: 2 to 4 minutes
16. Tactics: Made 1 short bank and then resumed course
17. Sound Made by Object(s): none
18. Direction of Flight of Object(s) southerly
19. Apparent Construction: solid construction - like nickel plated
20. Effect on Clouds: None
21. Exhaust Trail (Color of): None
22. Manner of Disappearance: Faded from view
23. Weather Conditions at Time of Sighting: Ceiling: Unlimited - visibility  
20 miles
24. Peculiarities Noted: Object shaped like bullet - no wings being noticeable
25. Summary of Incident:  
(See attached page)

I  
Incident: 200

About 1610, 17 Oct 1948 while at his home at 3rd and Leaf Ave., Crescent City, Calif, E. W. Allen saw a silver colored object at an estimated height of about 10,000 ft which resembled a plane traveling at high speed. Object was shaped like a bullet, no wings being noticeable. However, a tail structure was visible. The object had the appearance of being nickel-plated. No smoke or noise was noticeable.

Mr Allen is a man between 45 and 50 yrs of age and has a good reputation among friends and neighbors, is of average intelligence and good character.

Local flight schedules revealed no known flights. No releases of test vehicles in vicinity at the time.

## INCIDENT SUMMARY SHEET

Incident No. 200a

1. Date and Time of Observation: 17 Oct 1948 - 1610
2. Where Sighted: Crescent City Light Station
3. Observer's Position: ground  
(i. e., ground, air, control tower, etc.)
4. Name and Address of Observer: Andrew N. Siler, Grants Pass, Oregon
5. Occupation and/or hobbies: Fisherman
6. Attention Attracted by: sound which came from piper cub plane flying  
in vicinity
7. Number of Object(s) Seen: 1
8. Size of Object(s): N/S
9. Color of Object(s): silver
10. Shape (Sketch if Possible) egg-shaped - similar to blimp
11. Nature of Luminosity: N/S  
(directed beam of light?)
12. Altitude of Object: N/S  
(estimated)
13. Estimated Distance of Object from Observer: N/S
14. Estimated Speed of Object: 300 MPH
15. Time in Sight: N/S
16. Tactics: N/S
17. Sound Made by Object(s): None
18. Direction of Flight of Object(s) South
19. Apparent Construction: N/S
20. Effect on Clouds: N/S - no clouds
21. Exhaust Trail (Color of): none
22. Manner of Disappearance: did not notice
23. Weather Conditions at Time of Sighting: CAWU - visibility 20 miles
24. Peculiarities Noted: No wings or tail structure
25. Summary of Incident:  
(See attached page)

Incident: 200a

At about 1610, 17 Oct 1948 Mr Andrew N. Siler, a fisherman, heard the sound of a plane. Looking up he saw a silver-colored egg-shaped object that had the appearance of a small blimp traveling south at about 300 mph. No wings or tail structure was visible nor was there any smoke visible. No noise was heard from the object. The sound which attracted observer's attention came from a small piper cub type plane. Mr Siler did not watch to observe where the object went.

## INCIDENT SUMMARY SHEET

Incident No. 200b

1. Date and Time of Observation: 17 Oct 48 1610
2. Where Sighted: Crescent City, Calif
3. Observer's Position: ground  
(i. e., ground, air, control tower, etc.)
4. Name and Address of Observer: Ernest Haley Box 406, Crescent City, Calif
5. Occupation and/or hobbies: Dry Cleaner
6. Attention Attracted by: glint of light
7. Number of Object(s) Seen: 1
8. Size of Object(s): Unknown
9. Color of Object(s): ~~Unknown~~ Color
10. Shape (Sketch if Possible) like small plane
11. Nature of Luminosity: reflected light  
(Directed beam of light?)
12. Altitude of Object: Between 20 and 25,000 ft  
(estimated)
13. Estimated Distance of Object from Observer: N/S
14. Estimated Speed of Object: N/S
15. Time in Sight: 4 to 5 minutes
16. Tactics: Made a 45° turn and bank to the right, then made sharp turn  
to the south
17. Sound Made by Object(s): none
18. Direction of Flight of Object(s) southerly
19. Apparent Construction: metallic
20. Effect on Clouds: N/S
21. Exhaust Trail (Color of): none
22. Manner of Disappearance: gradually disappeared
23. Weather Conditions at Time of Sighting: clear
24. Peculiarities Noted: None
25. Summary of Incident: (over)  
(See attached page)

Incident: 200b

At about 1610, 17 Oct 1948 Mr Ernest Haley saw a small silver colored object resembling a small plane proceeding in a southerly direction S. E. of Battery Point, Crescent City, at an altitude between 20 and 25,000 feet. The object remained in view for 4 to 5 minutes. At one time it made a 45° turn and bank to the right, a sharp bright flash came from the object as the sun hit the topside, the object then made a sharp turn to the south and gradually disappeared.

Mr Haley is about 47 years of age, of good character and reputation and of average intelligence. He is considered reliable.

## INCIDENT SUMMARY SHEET

Incident No. 200c

1. Date and Time of Observation: 17 Oct 1948 1610
2. Where Sighted: Crescent City, Calif
3. Observer's Position: ground  
(i. e., ground, air, control tower, etc.)
4. Name and Address of Observer: Mrs Elise Henggi, 150 S. A. St.,  
Crescent City, Calif
5. Occupation and/or hobbies: housewife
6. Attention Attracted by: Glint of light
7. Number of Object(s) Seen: 1
8. Size of Object(s): "small"
9. Color of Object(s): silver
10. Shape (Sketch if Possible) elliptic
11. Nature of Luminosity: reflected light as light against a mirror  
(directed beam of light?)
12. Altitude of Object: N/S  
(estimated)
13. Estimated Distance of Object from Observer: N/S
14. Estimated Speed of Object: "very fast"
15. Time in Sight: N/S
16. Tactics: Made a sharp bank of about 45° to the right, resumed course
17. Sound Made by Object(s): none
18. Direction of Flight of Object(s) ~~N/S~~ Southerly
19. Apparent Construction: N/S - presumably metallic
20. Effect on Clouds: ~~N/S~~ N/S
21. Exhaust Trail (Color of): none noticed
22. Manner of Disappearance: N/S - disappeared at sea
23. Weather Conditions at Time of Sighting: CAVU
24. Peculiarities Noted: ~~N/S~~ Brightness of the object
25. Summary of Incident:  
(See attached page)

Incident: 2000

While conversing with Mr Ernest Haley on Battery Point, Crescent City, Calif, Mrs Elise Henggi, housewife, saw a small silver-colored object that reflected light. The object was elliptic in shape and was traveling very fast in a southerly direction and remained in sight for 2 minutes. It was traveling about 5,000 feet higher than a plane flying north. Shortly after sighting, the object made a sharp bank of about 45° to the right then resumed its course, disappearing to sea. No smoke or noise was heard from the object. At all times the object gave off a brilliant flash like that of sunlight on a glass mirror.

Mrs Henggi is 70 years of age, of Swiss extraction, and is a long-time resident of Crescent City. She is of average intelligence, and has a good character and reputation. She had no idea of speed, range or altitude. She thought the object different than any other airborne craft she had ever seen. The brightness of the object impressed her most.

INCIDENT SUMMARY SHEET  
(To be filled out and retained in files)

Incident: 201

1. Date of Observation . . . **31 Oct 1948** . . . . .
2. Time of Observation . . . **0230Z** . . . . .
3. Where was Object(s) Sighted . . **Overhead - Army Air Base, Agnes** . . . . .
4. Observer's Position . . . **ground** . . . . .  
(i.e. ground, air, control tower, etc.)
5. Name and Address of Observer . . **Staff Sgt. Joseph J. Barnett, AF 13127245, APO 406  
New York** . . . . .
6. Occupation and/or Hobbies . . . **US AF** . . . . .
7. Attention Attracted to Object (s) by . . **N/S** . . . . .
8. Number of Object(s) Sighted . . . **1** . . . . .
9. Size of Object(s) . . . **N/S** . . . . .
10. Color of Object(s) : . . **at pale yellow or light orange color** . . . . .
11. Shape (Sketch if Possible) . . . **flat round shape** . . . . .
12. Nature of Luminosity . . . **Not stated** . . . . .
13. Estimated Distance of Object from Observer . . **N/S** . . . . .
14. Speed of Object(s) . . . **approximate speed thought to be around 160 MPH** . . . . .
15. Time in Sight . . . **3 to 5 minutes** . . . . .
16. Tactics . . . **wavving but maintaining course. Did not change altitude** . . . . .
17. Sound Made by Object(s) . . . **none heard** . . . . .
18. Direction of Flight of Object(s) . . . **northerly direction** . . . . .
19. Apparent Construction (if What Material or Substance) . . **N/S** . . . . .
20. Effect of Objects on Clouds and/or Exhaust Trail . . **N/S - no vapor trails** . . . . .  
**Disappeared behind clouds**
21. Weather Conditions Existing at the Time . . . **3 strato-cumulus at 2500 feet  
visibility 15 miles, winds from southwest at 7 & 8 MPH** . . . . .
22. Peculiarities Noted . . . **"wavving" but forward motion.** . . . . .
23. Summary of Incident . . . **(over)** . . . . .

(Attach a Separate Sheet if Additional Space is Needed)

Incident: 201

Staff Sgt Joseph J. Barnett, AF 13127245, AATS APO 406, N. Y. reported the following: On 31 Oct 48 at approximately 0230Z he noticed a flat round object weaving overhead but maintaining a northerly course at an approximate speed of 160 MPH. Object was pale yellow or light orange color and not bluishite. Seemed to maintain the same altitude and disappeared behind clouds. The object was viewed from 3 to 5 minutes. No vapor trails were seen nor was any sound heard.

INCIDENT SUMMARY SHEET  
(To be filled out and retained in files)

Incident: 201A

1. Date of Observation **31 Oct 1948** . . . . .
2. Time of Observation **0230Z** . . . . .
3. Where was Object(s) Sighted **overhead - Army Air Base, Ancon** . . . . .
4. Observer's Position **Ground** . . . . .  
(i.e. ground, air, control tower, etc.)
5. Name and Address of Observer **PTG Robert R. Anderson, AF 1107513 of AATS, . . . . .  
APO 406, N. Y.** . . . . .
6. Occupation and/or Hobbies **USAF** . . . . .
7. Attention Attracted to Object (s) By **S/Sgt Joseph J. Barnett** . . . . .
8. Number of Object(s) Sighted **1** . . . . .
9. Size of Object(s) **larger than a star** . . . . .
10. Color of Object(s) **orange** . . . . .
11. Shape (Sketch if Possible) **round** . . . . .
12. Nature of Luminosity **n/s** . . . . .
13. Estimated Distance of Object from Observer **2000-5000 above clouds which were  
at 2500 feet, or approx 4500 ft**
14. Speed of Object(s) **800 MPH** . . . . .
15. Time in Sight **Approximately 2 minutes** . . . . .
16. Tactics **would swing forward and then backward in same direction it was moving  
but always maintaining its forward velocity.**
17. Sound Made by Object(s) **No sound heard** . . . . .
18. Direction of Flight of Object(s) **northerly direction** . . . . .
19. Apparent Construction (Of What Material or Substance) **n/s** . . . . .
20. Effect of Objects on Clouds and/or Exhaust Trail **disappeared behind cloud . . . . .  
- No vapor trails noticed** . . . . .
21. Weather Conditions Existing at the Time **3 stratus-cumulus at 2500 feet  
visibility 15 miles, winds from southwest at 7 & 8 MPH; Temperature: 69**
22. ~~Remarks~~ **Noted . Object would swing forward and then backward in same  
direction but still maintained forward velocity.** . . . . .
23. Summary of Incident **(over)** . . . . .

(Attach a Separate Sheet if Additional Space is Needed)

Incident: 201A

At approximately 0230Z 31 Oct 48, Staff Sgt Joseph J. Barnett pointed out an object to PFC Robert R. Anderson who described it as being round, orange in color and larger than a star. Object was moving in a northerly direction at an estimated speed of 800 MPH. Altitude was estimated as 2000-3000 feet above the clouds which were reported to be at 2500 feet. This would give an approximate altitude of from 4500 to 5500 feet. Object would swing forward and then backward but always maintained its forward velocity. Object was seen for approximately 2 minutes before it disappeared behind a cloud. No sound was heard.

INCIDENT SUMMARY SHEET  
(To be filled out and retained in files)

Incident: 2013

1. Date of Observation . 31 Oct 1948 . . . . .
2. Time of Observation . 0300Z to 0330Z . . . . .
3. Where was Object(s) Sighted . Overhead at Army Air Base, Ancon . . . . .
4. Observer's Position . ground . . . . .  
(i.e. ground, air, control tower, etc.)
5. Name and Address of Observer . PFC. Evodora Vlas . . . . .
6. Occupation and/or Hobbies . . . . . USAF . . . . .
7. Attention Attracted to Object(s) By . . . . . N/S . . . . .
8. Number of Object(s) Sighted . . . . . 1 . . . . .
9. Size of Object(s) . . . . . of light bulb . . . . .
10. Color of Object(s) . . . . . white with yellowish tint . . . . .
11. Shape (Sketch if Possible) . . . . . like light bulb . . . . .
12. Nature of Luminosity . . . . . N/S . . . . .
13. Estimated Distance of Object from Observer . . . . . N/S . . . . .
14. Speed of Object(s) . . . . . 30 MPH . . . . .
15. Time in Sight . . . . . N/S . . . . .
16. Tactics . . . . . steadily gaining altitude . . . . .
17. Sound Made by Object(s) . . . . . No sound heard . . . . .
18. Direction of Flight of Object(s) . . . . . northerly . . . . .
19. Apparent Construction (Of What Material or Substance) . . . . . N/S . . . . .
20. Effect of Objects on Clouds and/or Exhaust Trail . . . . . disappeared behind cloud . . . . .  
. . . . . No vapor trails noticed . . . . .
21. Weather Conditions Existing at the Time . . . . . 3 stratus-cumulus at 2500 feet . . . . .  
visibility 15 miles, winds from SW at 7 & 8 MPH; Temperature: 69; dewpoint: 63.
22. Peculiarities Noted . . . . . None . . . . .
23. Summary of Incident . . . . . (over) . . . . .

(Attach a Separate Sheet if Additional Space is Needed)

Incident: 201 B

Was described object as a light bulb moving upward and forward at an estimated speed of 25 to 30 MPH. Object was white with a yellowish tint and was proceeding in a northerly direction and steadily gained altitude. Object disappeared behind a cloud and could not be located again. No vapor trails noticed and no sound heard.

It was the opinion of A-2, that object sighted in each instance was a weather balloon with a light swinging from it.

## INCIDENT SUMMARY SHEET

Incident No. 202

1. Date and Time of Observation: 8 Nov 48 1850 EST
2. Where Sighted: Newark AF Base, Newark, N. J. 40° 42' N 74° 10' W
3. Observer's Position: ground  
(i. e., ground, air, control tower, etc.)
4. Name and Address of Observer: Edmund J. Cieski, 105-44 Liverpool St  
Jamaica, Long Island
5. Occupation and/or hobbies: Civilian Dispatcher, Newark AF Base. Regular participant in Reserve flying activities. Former Capt, USAFR.
6. Attention Attracted by: Was preparing to scan the sky when object was observed
7. Number of Object(s) Seen: 1
8. Size of Object(s): Same relative diameter as the moon but with little or no depth (thickness)
9. Color of Object(s): pale luminous - 1/3 brightness of moon
10. Shape (Sketch if Possible) disc - round with little or no depth
11. Nature of Luminosity: Appeared as luminous object  
(Directed beam of light?)
12. Altitude of Object: 5,000 to 6,000 ft  
(estimated)
13. Estimated Distance of Object from Observer: Appeared at 45° angle above horizon.
14. Estimated Speed of Object: 800 MPH
15. Time in Sight: one second or less
16. Tactics: made arc toward south southeast - performed comparatively horizontal flight
17. Sound Made by Object(s): no sound
18. Direction of Flight of Object(s) south southeast
19. Apparent Construction: N/S - luminous
20. Effect on Clouds: N/S
21. Exhaust Trail Color of): N/O
22. Manner of Disappearance: N/S Passed out of sight over another hangar.
23. Weather Conditions at Time of Sighting: Moonlit night - clear
24. Peculiarities Noted: Object seemed to have no depth and maintained a steady luminosity
25. Summary of Incident: (over)  
(See attached page)

~~SECRET~~

(to be filled out and retained in files)

- 1. Date of Observation . 17 Nov 1948 . . . . . Incident: 203
- 2. Time of Observation . 1415 Z . . . . .
- 3. Where was Object(s) Sighted . 56° 10' North Latitude by 117° 30' West Longitude  
Peace River, Alberta Province - some 250 miles NW of Edmonton . . . . .
- 4. Observer's Position . From 7,000 ft altitude to Kittiganuit, N. W. T, from Edmonton,  
(i.e. ground, air, control tower, etc.)
- 5. Name and Address of Observer . . S/Sgt Orso C. Bink, AF 00715676, - Radio Operator  
Edmonton, Alberta, Canada.
- 6. Occupation and/or Hobbies . (17) Pilot &  
Radio Operator with crew . . . . .
- 7. Attention Attracted to Object (s) By . . N/S . . . . .
- 8. Number of Object(s) Sighted 1 . . . . .
- 9. Size of Object(s) . . Approximately 50' in height . . . . .
- 10. Color of Object(s) . . .flaming orange color . . . . .
- 11. Shape (Sketch if Possible) . . . . . egg shaped with tail . . . . .
- 12. Nature of Luminosity . . .flame . . . . .
- 13. Estimated Distance of Object from Observer . . . . . N/S  
Altitude: Estimated at approximately 18,000 feet
- 14. Speed of Object(s) . . . . . Unknown . . . . .
- 15. Time in Sight . . . . . Momentary . . . . .
- 16. Tactics . . . . . appeared to be in a shallow dive . . . . .
- 17. Sound Made by Object(s) . . . . . none . . . . .
- 18. Direction of Flight of Object(s) . . . . . Southwest . . . . .
- 19. Apparent Construction (Of What Material or Substance) . . . . . "flame" . . . . .
- 20. Effect of Objects on Clouds and/or Exhaust Trail . . . . . N/S but illuminated the  
sky somewhatly behind it - had a tail . . . . .
- 21. Weather Conditions Existing at the Time . . . . . Overcast with tops at approx 1500'  
MSL. High deck of thin broken stratus clouds at approx 12,000 ft.
- 22. Peculiarities Noted . . . . . N/S . . . . .
- 23. Summary of Incident (over) . . . . .

~~SECRET~~ . . . . . 2-77627 . . . . .

(Attach a Separate Sheet if Additional Space is Needed)

~~SECRET~~

Incident: 203

A bright flaming orange object similar in shape to an egg with a tail was observed near Peace River, Alberta Province, some 250 miles NW of Edmonton, by 1st Lt James Toomey & S/Sgt Onno C. Bink, Radio Operator, while on first leg of flight from Edmonton, Alberta, Canada, to Kittigawit, N. W. . The object was momentarily sighted above a deck of broken stratus clouds. The crew were flying at 7,000 ft MSL on top of an overcast when the object was sighted. Altitude was judged as approximately 18,000 feet and the object appeared in a shallow dive. There was no sound. Object had a tail which tapered to a point. It was on a southwest heading at an unknown speed. As it passed it momentarily illuminated the sky behind it.

~~SECRET~~

7-77627

~~SECRET~~

At 1850 hours, 8 Nov 48, Edmund J. Cisak was standing just outside Hanger #7, Newark AF Base, when glancing up toward the moon he perceived a pale luminous object race across the sky. It was about 1/3 the brightness of the moon, round like a disc with little or no depth (thickness). It appeared to be about the same relative diameter as the moon and was traveling from the north northwest in an arc toward the south southeast. Object was seen about one second or less. It passed out of sight over another hanger. No sound was heard. Speed was estimated at 800 MPH. Observer states that he had observed jet aircraft make tactical approaches at approximately 600 mph and judged the speed of the object was at least 200 mph faster. From where he stood Cisak could see approximately 75% of the path of the object. The peak of its arc was approximately 45° above the horizon to the west southwest of his position. Altitude was judged to be 5,000 to 6,000 feet.

Mr Cisak is a very reliable employee, highly intelligent and of excellent character.

There were no reports of commercial, private and military craft flying in the vicinity at the time.

No reports were received relative to possible releases of testing devices in the vicinity.

~~SECRET~~

INCIDENT SUMMARY SHEET

(To be filled out and retained in files)

1. Date of Observation . . . . . **8 Nov 1940**
2. Time of Observation . . . . . **1640 Sunrise** Incident 204
3. Where was Object(s) Sighted . . . . . **Panama**
4. Observer's Position ~~Weather observation~~ **Ground - Panama**  
(i.e. ground, air, control tower, etc.)
5. Name and Address of Observer . . . . . **Solera**
6. Occupation and/or Hobbies . . . . . **Weather observer**
7. Attention Attracted to Object (s) by . . . . . **N/S**
8. Number of Object(s) Sighted . . . . . **1**
9. Size of Object(s) . . . . . **Larger than planet Venus**
10. Color of Object(s) . . . . . **like star**
11. Shape (Sketch if Possible) . . . . . **that of a comet**
12. Nature of Luminosity . . . . . **that of comet**
13. Estimated Distance of Object from Observer . . . . . **N/S**
14. Speed of Object(s) . . . . . **N/S -**
15. Time in Sight . . . . . **40 minutes**
16. Tactics . . . . . **N/S**
17. Sound Made by Object(s) . . . . . **N/S**
18. Direction of Flight of Object(s) . . . . . **N/S**
19. Apparent Construction (Of What Material or Substance) . . . . . **N/S**
20. Effect of Objects on Clouds and/or Exhaust Trail . . . . . **long cone of light**
21. Weather Conditions Existing at the Time . . . . . **sunrise**
22. Peculiarities Noted . . . . . **N/S**
23. Summary of Incident . . . . . **(over)**

(Attach a Separate Sheet if Additional Space is Needed)

At 1640 Nov 5, 1948 Operator Solera when making a OCT weather report saw what appeared to be a comet in the southeast quadrant of the sky. It had a long cone of light which ended in a star larger than Venus. It remained visible to the naked eye for approximately 40 minutes until beginning of sunlight dimmed the brilliance of the phenomena and full sunrise obliterated it. Appeared to have about four grades of intensity in the tail

On Nov 6, 1948 (Nov 5 - USA time) Dr Harley Wood, astronomer in Sidney, Australia recognized a new and extraordinary comet which had a tail extending for 15 million miles.

Three days later early risers in the southern and western parts of the U. S. were able to observe the rare celestial body with the naked eye. Moving close to the sun but away from it at a speed of about 128,000 mph, the comet was visible for a brief 60 minutes before obscured by the sun's light.

See attached reproduction taken from "Life".

(This to be submitted to Dr Hynek for his viewpoint as to whether the object reported and the comet mentioned in this article are one and the same.)

INCIDENT SUMMARY SHEET  
(to be filled out and retained in files)

1. Date of Observation . **N/S** . . . . . Incident: **205**
2. Time of Observation . . **5 o'clock in the evening**
3. Where was Object(s) Sighted . . **Carthage, Missouri.** . . . . .
4. Observer's Position . . **ground while laying on his back.** . . . . .  
(i.e. ground, air, control tower, etc.)
5. Name and Address of Observer . **Wesley H. Long, 1026 Walnut St, Carthage, Mo.** . . . . .
6. Occupation and/or Hobbies . **N/S** . . . . .
7. Attention Attracted to Object (s) by . . **chanced to see an aluminum colored** . .  
**object sail northeast across the sky**
8. Number of Object(s) Sighted . **1.** . . . . .
9. Size of Object(s) . . **Estimated size: .30 to .40 ft. in diameter.** . . . . .
10. Color of Object(s) . . **aluminum-silver colored** . . . . .
11. Shape (Sketch if Possible) . . **N/S** . . . . .
12. Nature of Luminosity . . . **N/S** . . . . .
13. Estimated Distance of Object from Observer . **N/S.** . . . . .
14. Speed of Object(s) . . **very fast - thought about 1500 MPH**
15. Time in Sight . **N/S** . . . . .
16. Tactics . . . **slowly rotating.** . . . . .
17. Sound Made by Object(s) . . **None** . . . . .
18. Direction of Flight of Object(s) . . **northeast.** . . . . .
19. Apparent Construction (Of What Material or Substance) . **metallic** . . . . .
20. Effect of Objects on Clouds and/or Exhaust Trail . **N/S - no smoke** . . . . .
21. Weather Conditions Existing at the Time . . **Sky clear and no wind at ground level**
22. Peculiarities Noted . . **Rotating movement** . . . . .
23. Summary of Incident . . . . **(over)** . . . . .

(Attach a Separate Sheet if Additional Space is Needed)

Incident: 205

Observer reported seeing an aluminum colored object sail northeast across the sky while lying on his back in his yard. Object seemed about 30 to 40 feet in diameter. Could not ascertain height but thought object was moving very fast - estimated speed to be around 1500 MPH. Object seemed to be slowly rotating while remaining upright - like a flat top. Noticed no smoke or noise.

## INCIDENT SUMMARY SHEET

Incident No. 206

1. Date and Time of Observation: 12 Nov 1948 between 1300 and 1400
2. Where Sighted: Northeast portion of Clark AF Base, Phillipine Islands
3. Observer's Position: ~~ground~~  
(i. e., ground, air, control tower, etc.)
4. Name and Address of Observer: Sgt Fredrick M. Wright, 18th Maintenance Sq  
18th Main & Supply Gp, Clark AF Base
5. Occupation and/or hobbies: Sgt, USAF
6. Attention Attracted by: white speck
7. Number of Object(s) Seen: 1
8. Size of Object(s): Estimated Size: 300 ft / 35 ft body at wings;  
Wings 47-1/2; width of wing 25 ft
9. Color of Object(s): snow-white
10. Shape (Sketch if Possible) See attached
11. Nature of Luminosity: N/S  
(Directed beam of light?)
12. Altitude of Object: 3 to 6 miles high  
(estimated)
13. Estimated Distance of Object from Observer: 20 to 30 miles
14. Estimated Speed of Object: Faster than jet plane
15. Time in Sight: N/S - observed intermittently thru cloud formation
16. Tactics: Flying around Clark AF Base - no definite heading  
horizontal flight - apparently reconnaissance
17. Sound Made by Object(s): single roar
18. Direction of Flight of Object(s) no definite heading - flew around  
Clark AF Base
19. Apparent Construction: Similar to plane
20. Effect on Clouds: N/S - entered and broke out of cloud six times
21. Exhaust Trail Color of: appeared to leave an exhaust trail  
from tail-end of mentioned object - "It
22. Manner of Disappearance: appeared to be sky writing"
23. Weather Conditions at Time of Sighting: 4500 scattered, visibility 30  
miles.
24. Peculiarities Noted: Appeared to have no tail assembly - straight body  
tapering off from directly above the wings to small point
25. Summary of Incident: (over)  
(See attached page)

Incident: 206

Sgt Wright stated he was watching some cloud formations in the Northeast portion of the sky when he observed a white speck materialize and lengthen out. At first he thought it was sky-writing but as it continued to advance he thought it appeared as a whole unit. Object pursued a northwestern direction and entered a very large cloud formation. As the object emerged on the northwest by north side the object appeared larger and he was able to get a clearer view. The object appeared snow-white. At one time Sgt Wright was able to obtain a side-view impression. It seemed as if the side surface was broken by windows. The nose, too, was short in comparison to the length. There was definitely a wing formation - low wing and very short in comparison to the length of the fuselage. Sgt Wright perceived the object six times thru the cloud formation, in various attitudes - see attached drawings. Sgt Wright in his drawing estimates the length of the fuselage to be 300 feet. However, he stated that it would be impossible for him to estimate the length of the object if the craft was using a rear type of propulsion and utilizing a fuel that left a white exhaust. Fuselage apparently had no tail assembly. It appeared as a straight body tapering off from directly above the wings to a very small point.

Evaluation: D-5 - Sgt Wright's character and his honesty are questionable according to the interrogating officer.

INCIDENT SUMMARY SHEET

Incident No. 207

1. Date and Time of Observation: **18 Nov 1948** 2145 hours
2. Where Sighted: **Circling Andrews AF Base, Camp Springs, Md**
3. Observer's Position: **Air**  
(i. e., ground, air, control tower, etc.)
4. Name and Address of Observer: **2d Lt Kenwood W. Jackson, 1326 28th St, S.E., Washington, D. C.**
5. Occupation and/or hobbies: **2d Lt AFR - telephone cableman**
6. Attention Attracted by: **light**
7. Number of Object(s) Seen: **1**
8. Size of Object(s): **Undetermined**
9. Color of Object(s): **N/S**
10. Shape (Sketch if Possible) **Oval, no wings or tail surfaces**
11. Nature of Luminosity: **Seemed to give off a dull glow (directed beam of light?)**
12. Altitude of Object: **1700 to 3,000 ft (estimated)**
13. Estimated Distance of Object from Observer: **N/S**
14. Estimated Speed of Object: **N/S**
15. Time in Sight: **15 to 18 minutes**
16. Tactics: **Evasive tactics - continued to circle field. Could climb vertically, then would drop behind and continue to circle field**
17. Sound Made by Object(s): **N/S**
18. Direction of Flight of Object(s) **Northeast - Southwest**
19. Apparent Construction: **N/S**
20. Effect on Clouds: **N/S**
21. Exhaust Trail Color of): **N/S**
22. Manner of Disappearance: ~~Horizontal~~ **Climbed out of sight toward northeast**
23. Weather Conditions at Time of Sighting: **CAVU - no clouds, haze or smoke**
24. Peculiarities Noted: **No wings or tail surfaces - extreme maneuverability**
25. Summary of Incident: **(over)**  
(See attached page)

Incident 207

Object first sighted at approximately 2145 18 Nov 48. It was flying from northeast to southwest across Andrews field at 1700 feet. Plane then descended from 4,000 ft to same altitude as object which was then coming back across Andrews Field from the Southwest on a Northeast heading. Object and plane then flew in circles, object on outer circle. Plane followed it to 7000 ft. While climbing plane made 3 to 4 passes at the object to identify it. As plane descended at approximately 240 MPH object would then climb vertically, drop below plane from behind and continued circling the field. In a last effort the plane switched on a landing light and the object momentarily gave off a dull glow. It appeared oval with no wings and no tail surfaces. After the object was sighted in the landing light, it headed to the Northeast climbing rapidly. Plane lost sight of object at 8,000 ft; the time was then 22:03

Weather at the time: CAVU - no clouds, haze or smoke.

Taken from signed statement of Kenwood A. Jackson, Ed Lt, AFRes. AO-944113

Statement corroborated by Glen L. Stalker, 2nd Lt, USAF.

## INCIDENT SUMMARY SHEET

Incident No. 207A

1. Date and Time of Observation: 18 Nov 48 2200 hours
2. Where Sighted: East over Andrews AF Base, directly over Camp Springs, Md
3. Observer's Position: Air  
(i. e., ground, air, control tower, etc.)
4. Name and Address of Observer: Henry G. Combs, 2d Lt, USAFR  
511 S. Capitol St., Washington, D. C.
5. Occupation and/or hobbies
6. Attention Attracted by: movement of lone moving lighted object
7. Number of Object(s) Seen: 1
8. Size of Object(s): Smaller than a T-6 type aircraft
9. Color of Object(s): dull gray (whitish gray)
10. Shape (Sketch if Possible) Oblong ball, no wings or tail surfaces (oblong ovate)
11. Nature of Luminosity: Seemed to have had one continuous glowing white light (directed beam of light?) Could not determine whether source of light emitted from entire object or was exhaust type in nature.
12. Altitude of Object: 1700 ft to around 7500 ft (estimated)
13. Estimated Distance of Object from Observer: Approx 300 to 400 feet on one instance
14. Estimated Speed of Object: 80 to 600 MPH
15. Time in Sight: 10 to 12 minutes
16. Tactics: Evasive controlled tactics and ability to perform tight circle quick variation of air speed. Vertical ascents. Evasive movements
17. Sound Made by Object(s): N/S
18. Direction of Flight of Object(s) East to West in circular pattern
19. Apparent Construction: metallic
20. Effect on Clouds: N/S
21. Exhaust Trail Color of): no exhaust flame
22. Manner of Disappearance: N/S
23. Weather Conditions at Time of Sighting: CAVU, no smoke, haze or fog. Full moon.
24. Peculiarities Noted: No wings or tail structure; extreme maneuverability - highly evasive movements, high rate of acceleration.
25. Summary of Incident: (over)  
(See attached page)

At approximately 2200 hours Lt Henry G. Combs sighted an object flying on a 360° from West to East over Andrews AF Base. The object had one continuous glowing white light. Combs thought it was an aircraft with the wing navigation lights turned off or burned out. He then made a pass to check. Object then took evasive action. First contact established at 1700 feet over Andrews AF Base. When object started taking evasive action, Combs switched wing and tail navigation lights off. Maneuvering his ship so that his exhaust flame would not be noticed in an effort to get the object on his left he proceeded to close in but the object quickly flew up and over his aircraft. Then Combs attempted to maneuver the object between his ship and the light of the moon. This was done by making very very tight 360° turns with flaps down while making a steady climb. Object was able to turn inside of Combs' aircraft even under this condition. Another amazing feature was the quick variation of airspeed from 80 MPH to 500 or 600 MPH. Combs remained in contact with the object for some 10 minutes with the object between the lights of Washington, D. C. and his aircraft. He could only see an oblong ball with one light and no wings and no exhaust flame. Trying to close in again he remained in sight of it up to 6000 feet, then down to 3500 feet to 4000 feet but it always easily evaded him. Then object and Combs flew climbed up to 7500 feet. Combs pulled back up sharply and came up underneath the object within 300 to 400 feet. He then turned his landing lights on it. It had a very dull gray glow to it and was oblong in shape as mentioned before. Object then performed a very tight curve and headed for the East coast at about 500 to 600 MPH.

- Witnesses agree that
- (1) Object was highly maneuverable,
  - (2) Seemed aware of the presence of a following aircraft
  - (3) Capable of almost vertical flight
  - (4) Was smaller in size than T-6 type aircraft.

Witnesses were uncertain as to whether source of light observed emanated from entire object or was exhaust type in nature.

INCIDENT SUMMARY SHEET  
(To be filled out and retained in files)

Incident 207-3

1. Date of Observation . . . **18 Nov 45** . . . . .
2. Time of Observation . . . **N/S** . . . . .
3. Where was Object(s) Sighted **Over Andrews AF Base, Camp Springs, Md** . . . . .
4. Observer's Position . . **Ground while on duty** . . . . .  
(i.e. ground, air, control tower, etc.)
5. Name and Address of Observer . . **John J. Hatcher, 2/Lt USAF, Andrews AF Base** . . . . .
6. Occupation and/or Hobbies . . **2/Lt USAF** . . . . .
7. Attention Attracted to Object (s) by . **Noise** . . . . .
8. Number of Object(s) Sighted . . **1** . . . . .
9. Size of Object(s) . . **N/S** . . . . .
10. Color of Object(s) . . **N/S** . . . . .
11. Shape (Sketch if Possible) . . **N/S** . . . . .
12. Nature of Luminosity . . . **N/S** . . . . .
13. Estimated Distance of Object from Observer . . **Not very high** . . . . .
14. Speed of Object(s) . . **N/S** . . . . .
15. Time in Sight . . . **N/S** . . . . .
16. Tactics . . . **N/S** . . . . .
17. Sound Made by Object(s) . . . . **Twice as loud as P-47 but similar in sound** . . . . .
18. Direction of Flight of Object(s) . . **Cannot be ascertained from statement . . .**  
**"came from direction 275th Reg across field towards Hanger #1"**
19. Apparent Construction (Of What Material or Substance) . . **"light"** . . . . .
20. Effect of Objects on Clouds and/or Exhaust Trail . . **N/S - no exhaust seen** . . . . .
21. Weather Conditions Existing at the Time . . **Light - variable - as gleaned from statements of pilots**
22. Peculiarities Noted . . **did not look like an aircraft** . . . . .
23. Summary of Incident . . **(over)** . . . . .

(Attach a Separate Sheet if Additional Space is Needed)

Incident 207-B

Statement of S/Sgt John J. Knabner corroborates account of 2d Lt Kenwood W. Jackson and 2d Lt Henry G. Combs. Sgt Knabner was on ground duty when he heard a noise. Turning his head in the direction of the sound he saw a shining object coming across the sky. It made a sound similar to a P-47 only twice as loud. It seemed to him to be coming from the direction of the 2238th Engineering Hangar across the field toward Hanger #1. It wasn't very high. It couldn't have been a P-47 and witness did not see an exhaust. Shortly afterwards, he heard the same noise only higher up over the field. He stated the object did not resemble an aircraft.

## INCIDENT SUMMARY SHEET

Incident No. 201

1. Date and Time of Observation: **17 Nov 48** **1430 hours**
2. Where Sighted: **Clark AB Base - eastern edge of**
3. Observer's Position: **ground**  
(i. e., ground, air, control tower, etc.)
4. Name and Address of Observer: **1st Lt Everett L. Handley & 1st Lt  
Max M. Feibelman, 44th Fighter Sq (SE) 18th Fighter Gp (SE) APO 74, U. S. Army**
5. Occupation and/or hobbies: **As above**
6. Attention Attracted by: **N/S**
7. Number of Object(s) Seen: **1**
8. Size of Object(s): **N/S**
9. Color of Object(s): **white**
10. Shape (Sketch if Possible): **irregular mass - looked as if plane had  
exploded and left a white smoke column**
11. Nature of Luminosity:  
(directed beam of light?) **N/S**
12. Altitude of Object: **30,000 ft**  
(estimated)
13. Estimated Distance of Object from Observer: **30,000 ft**
14. Estimated Speed of Object: **N/S**
15. Time in Sight: **Approximately 3 minutes - (Smoke trail)**
16. Tactics: **Object seemed to have made a loop inasmuch<sup>as</sup> the smoke trail  
performed complete circle - resembling a corkscrew**
17. Sound Made by Object(s): **N/S**
18. Direction of Flight of Object(s): **Either 120 or 300° according to origin**
19. Apparent Construction: **Object appeared like burst of flak**
20. Effect on Clouds: **none - vicinity was a cloudless sky**
21. Exhaust Trail Color of): **white exhaust trail extending some 1 to 10  
miles**
22. Manner of Disappearance: **trail evaporated after three minutes like smoke,  
scattering thinly throughout the atmosphere.**
23. Weather Conditions at Time of Sighting: **4000 feet scattered, visibility  
50 miles. High overcast**
24. Peculiarities Noted: **Object had the appearance of flak burst sitting still  
in the atmosphere and connected to a curved trail of corkscrew appearance**
25. Summary of Incident: **Did not have the appearance of a vapor trail.**  
(See attached page) (over)

Incident: 208

The object sighted by the two fighter pilots had the appearance of a flak burst sitting still in the atmosphere and was connected to a curved trail of corkscrew appearance (See drawing attached) The trail was from 1 to 10 miles in length, and did not have the appearance of a vapor trail but rather that of a rocket or jet exhaust. Altitude was judged to be 30,000 ft. The mass and trail disappeared within approximately three minutes. The mass appeared white in color like an exhaust trail which had a sudden burst origin and then tapered off to nothing. Both parties remarked that it appeared as if an aircraft had exploded and left a white smoke column. The vapor substance dissipated in approximately 3 minutes scattering thinly like smoke through the atmosphere. It is firmly believed by both witnesses that the object was not a cloud because of its shape and because the sky in the vicinity was cloudless.

Evaluation: C-3

INCIDENT SUMMARY SHEET  
(To be filled out and retained in files)

~~CONFIDENTIAL~~

1. Date of Observation . . . **4 November 1948** . . . . . Incident: **#209**
2. Time of Observation . . . **1043** . . . . .
3. Where was Object(s) Sighted . . . **South Korea--37° 57' north--125° 31' east** . . . . .
4. Observer's Position . . . **Army Observation Post No. 1 & 2 from ground** . . . . .  
(i.e. ground, air, control tower, etc.)
5. Name and Address of Observer . . . **N/S** . . . . .
6. Occupation and/or Hobbies . . . **N/S** . . . . .
7. Attention Attracted to Object (s) By . . . **N/S** . . . . .
8. Number of Object(s) Sighted . . . **1 object sighted from 2 posts** . . . . .
9. Size of Object(s) . . . **of twin-engine bomber** . . . . .
10. Color of Object(s) . . . **N/S** . . . . .
11. Shape (Sketch if Possible) . . . **that of twin-engine bomber plane** . . . . .
12. Nature of Luminosity . . . **N/S** . . . . .
13. Estimated Distance of Object from Observer . . . **5,000 ft.** . . . . .
14. Speed of Object(s) . . . **N/S** . . . . .
15. Time in Sight . . . **N/S** . . . . .
16. Tactics . . . **N/S** . . . . .
17. Sound Made by Object(s) . . . **N/S** . . . . .
18. Direction of Flight of Object(s) **East to West** . . . . .
19. Apparent Construction (Of What Material or Substance) . . . **Like twin-engine bomber** . . . . .
20. Effect of Objects on Clouds and/or Exhaust Trail . . . . . **N/S** . . . . .
21. Weather Conditions Existing at the Time . . . . . **N/S** . . . . .
22. Peculiarities Noted . . . **N/S** . . . . .
23. Summary of Incident . . . **(over)** . . . . .

\* (Attach a Separate Sheet if Additional Space is Needed)

Incident: 209

Unidentified aircraft observed at 1043 14 Nov 1948 over Army Observation Post #1 at  $37^{\circ} 57' N - 125^{\circ} 31' E$ , in South Korea, flying east to west at an altitude of 5000 feet. The aircraft was sighted by army observation post #2  $37^{\circ} 51' N - 125^{\circ} 17' E$ , 4,  $37^{\circ} 57' N - 125^{\circ} 26' E$  and 5,  $37^{\circ} 56' N - 125^{\circ} 23' E$ .

Subject aircraft circled observation post number 2, then headed north. Aircraft was twin engine bomber type, and is believed definitely to have been soviet.

INCIDENT SUMMARY SHEET  
(to be filled out and retained in files)

- 210
1. Date of Observation . . . **Approx 10 Nov 1948**
  2. Time of Observation . . . **.5100 A.M. . .**
  3. Where was Object(s) Sighted . . . **Over Charles River Basin, Boston . . . . .**
  4. Observer's Position . . . **ground . . . . .**  
(i.e. ground, air, control tower, etc.)
  5. Name and Address of Observer . . . **John D. Beermain, 20 Louisburg Sq., Boston 5, Mass**
  6. Occupation and/or Hobbies . . . **N/S**
  7. Attention Attracted to Object (s) by . . . **3 fast flying single-engine planes . .**
  8. Number of Object(s) Sighted . . . **3 . . . . .**
  9. Size of Object(s) . . . . . **N/S**
  10. Color of Object(s) . . . **N/S . . . . .**
  11. Shape (Sketch if Possible) . . . **single-engine plane . . . . .**
  12. Nature of Luminosity . . . **N/A. No lights were observed - city lights made them visible**
  13. Estimated Distance of Object from Observer . . . **N/S . . . . .**
  14. Speed of Object(s) . . . **"Fast" . . . . .**
  15. Time in Sight . . . **N/S . . . . .**
  16. Tactics . . . **middle one seemed to wave back and forth . . . . .**
  17. Sound Made by Object(s) . . . **no sound . . . . .**
  18. Direction of Flight of Object(s) . . . **East to West . . . . .**
  19. Apparent Construction (Of What Material or Substance) . . . **Like single-engine plane . . . . .**
  20. Effect of Objects on Clouds and/or Exhaust Trail . . . **N/S . . . . .**
  21. Weather Conditions Existing at the Time . . . **Starlight . . . . .**
  22. Peculiarities Noted . . . **No sound was heard and the planes carried no lights . . . . .**
  23. Summary of Incident . . . **(over) . . . . .**

(Attach a Separate Sheet if Additional Space is Needed)

TELECOM 7 Dec 71

REQ TELETYPE CONFERENCE NWH 169  
FM CG AMC WRIGHT PAT AF BASE OHIO 071536Z  
TO CS USAF WASH DC  
SUBJECT SPECIAL A-2 CONFERENCE

Incident 211

ITM 2 AMC R E E R I C T S D

FROM MR DEYERLAND TO MAJ BOGGS  
INVESTIGATION MADE OF SO-CALLED FLAMING WHEEL REPORTED IN BELL TOWNSHIP  
DECEMBER QUARTERING OF WITNESSES AND EXAMINATION OF  
BURNED REMAINS INDICATE THAT OBJECT WAS PROBABLY A VERY PISTOL FLAME FIRED  
FROM GROUND PROBABLY BY PERSON WHO DID CARE TO ADMIT FIRING THE FLAME  
BECAUSE OF PUBLICITY CONNECTED WITH INCIDENT. BURNED REMAINS ARE BEING  
ANALYZED BY THE MATERIALS LAB TO DETERMINE COMPOSITION.

END ITM 2 AMC R E E R I C T S D

INCIDENT SUMMARY SHEET  
(To be filed cut and retained in files)

Incident 212

1. Date of Observation . . . 3 Dec 48 . . . . .
2. Time of Observation . . . 1713 hours - twilight
3. Where was Object(s) Sighted . . Ground at Siebenthaler & Riverside while entering  
 . . city limits of Dayton on Siebenthaler Ave . . . . .
4. Observer's Position . . . In car . . . . .  
(i.e. ground, air, control tower, etc.)
5. Name and Address of Observer . . George H. Hoffman, 132 Elmwood, Dayton 5, Ohio  
 . . . . .
6. Occupation and/or Hobbies . . MCI - Intelligence Controls - Amateur photographer  
 . . but is mostly interested in mechanics . . . . .
7. Attention Attracted to Object(s) By . . the object coming into line of vision . .
8. Number of Object(s) Sighted . . . . 1 flash seen two times . . . . .
9. Size of Object(s) . . . . ~~1 1/2 inch diameter~~ . . Approximately an inch long . . .  
 . . from observer's viewpoint
10. Color of Object(s) . . yellowish shade of white - similar to star . . . . .
11. Shape (Sketch if Possible) . . . Irregular . . . . .
12. Nature of Luminosity . . like star - light must have emitted from object itself
13. Estimated Distance of Object from Observer . . Could not be estimated - thought to  
 . . be some 10 miles and at an altitude from 10,000 to 20,000 feet
14. Speed of Object(s) . . Could not be estimated . . . . .
15. Time in Sight . . . . . 1/2 second for each pulse of light . . . . .
16. Tactics . . . Apparently traveling in an ascending arc . . . . .
17. Sound Made by Object(s) . . None noticeable . . . . .
18. Direction of Flight of Object(s) . . Seemed to be ascending - possibly in an  
 . . eastern direction
19. Apparent Construction (Of What Material or Substance) . . . Flash of light . . .  
 . . . . .
20. Effect of Objects on Clouds and/or Exhaust Trail . . . None . . . . .  
 . . . . .
21. Weather Conditions Existing at the Time . . . Sky clear in vicinity of object . .
22. Peculiarities Noted . . . None . . . . .  
 . . . . .
23. Summary of Incident . . . (over) . . . . .  
 . . . . .

(Attach a Separate Sheet if Additional Space is Needed)

Incident 212

While Mr. George H. Hoffman and Roy E. Statzer were approaching the city limits of Dayton, Ohio, via Siebenthaler Ave., near Stillwater Bridge, the evening of 3 Dec 48 (Approximately 1713 hours), Mr. Hoffman observed an unusual pulse of light like that of a rocket. The light appeared in the Northwest section of the sky. He estimated this pulse to be visible for about 1/2 second. After observing it for this period it flashed off. The same period of time elapsed and it reappeared seemingly in an ascendent position (could have been traveling in an easterly direction). It again remained visible for about 1/2 second when it again flashed off. It was not seen again. Mr. Hoffman thought that Mr Statzer saw one of the pulses of light. The light appeared irregular in contour and seemed about an inch in length from the observer's viewpoint. Mr. Hoffman estimated it to be some 10 miles distant and stated that it was some 45° above the horizon. He thought the altitude could have been anywhere from 10,000 to 20,000 feet. The color appeared white with a yellowish tinge and was solid. There was no evidence of exhaust. The light remained constant during the 1/2 seconds observed. The part of the sky in which the light was observed appeared clear. There was no cloud interference. However, there was a layer of clouds along the horizon. There was some wind. No planes appeared to be in the air at the time.

Observer states that he is mildly color-blind. Estimates his judgment of speed of moving objects as not too accurate. He believes he can distinguish size and shape at a distance fairly well. Observer is cleared for "Secret"

## INCIDENT SUMMARY SHEET

Incident No. 213

1. Date and Time of Observation: **3 Dec 78-1715**
2. Where Sighted: **Needmore Road, near Wagner Ford Road - Dayton, Ohio, outskirts**
3. Observer's Position: **from car while driving west on Harshmanville Road**  
(i. e., ground, air, control tower, etc.) **(Needmore Rd)**
4. Name and Address of Observer: **Edgar S. Miller, Lt U. S. Navy, Ex 25183**  
**17 G & Routes USN 8**  
**Hq AMC**
5. Occupation and/or hobbies: **Lt, U. S. Navy**
6. Attention Attracted by: **bright strip of yellow-orange flame directly ahead**
7. Number of Object(s) Seen: **1**
8. Size of Object(s): **N/S**
9. Color of Object(s): **yellow-orange flame**
10. Shape (Sketch if Possible) **N/S**
11. Nature of Luminosity: **Like that made by ram jet or rocket**  
(directed beam of light?)
12. Altitude of Object: **in excess of 10,000 feet**  
(estimated)
13. Estimated Distance of Object from Observer: **10 miles**
14. Estimated Speed of Object: **N/S** **Appeared to climb at a fairly high rate**  
**of speed**
15. Time in Sight: **N/S** **- Object seen intermittently over a period of time**
16. Tactics: **observed a definite pattern of motion - both horizontal & vertical**
17. Sound Made by Object(s): **N/S**
18. Direction of Flight of Object(s) **N/S**
19. Apparent Construction: **Flame**
20. Effect on Clouds: **N/S**
21. Exhaust Trail (Color of): **Object was possibly an exhaust flame**  
**Color: yellow-orange flame**
22. Manner of Disappearance: **overhead presumably in clouds**
23. Weather Conditions at Time of Sighting: **Ceiling estimated less than**  
**10,000 feet.**
24. Peculiarities Noted:
25. Summary of Incident:  
(See attached page)

Project Sign - Incident #213

WCRFD

SIAXO-5

17 December 48

1

ATTN: Operations Officer

1. Project Sign is engaged in the collection, collection, compilation, evaluation and analysis of all information on unidentified flying objects, and is authorized under provisions of Technical Instructions 21-5, Addendum No. 3, dated 11 Feb 48, to obtain the assistance and cooperation of all agencies and facilities under the jurisdiction of the Air Materiel Command.

2. In this connection, your cooperation is requested in reporting to this office, any sightings which may have been made by the Pilot Test Section with ram jets or other experimental types of propulsion emitting long pulses of flame, during the darkness hours of 3 December 1948.

W. S. LINGGREN  
Colonel, USAF  
Chief, Tech Intelligence Division  
Intelligence Department

ss/jde  
#5310  
2018

Returned  
Not Sent  
see

## INCIDENT SUMMARY SHEET

Incident No. 214

1. Date and Time of Observation: 7 July 1948
2. Where Sighted: Rt 202 West Rindge H.H.
3. Observer's Position:  
(i. e., ground, air, control tower, etc.) Ground
4. Name and Address of Observer: Chas W. Tasker, West Rindge H. H.
5. Occupation and/or hobbies: Retired Vice President New England Tel & Tel CO.
6. Attention Attracted by: Curls of Smoke.
7. Number of Object(s) Seen:
8. Size of Object(s):
9. Color of Object(s):
10. Shape (Sketch if Possible)
11. Nature of Luminosity:  
(Directed beam of light?)
12. Altitude of Object:  
(Estimated)
13. Estimated Distance of Object from Observer:
14. Estimated Speed of Object:
15. Time in Sight:
16. Tactics:
17. Sound Made by Object(s):
18. Direction of Flight of Object(s)
19. Apparent Construction:
20. Effect on Clouds:
21. Exhaust Trail Color of):
22. Manner of Disappearance:
23. Weather Conditions at Time of Sighting:
24. Peculiarities Noted:
25. Summary of Incident:  
(See attached page)

Investigation continuing

## INCIDENT SUMMARY SHEET

Incident No. 215

1. Date and Time of Observation: 3 Dec 1948 2015
2. Where Sighted: Fairfield-Suisun AF Base, Calif - north of field
3. Observer's Position: control tower (thru 8-power binoculars)  
(i. e., ground, air, control tower, etc.)
4. Name and Address of Observer: Control Tower personnel
5. Occupation and/or hobbies: control tower personnel
6. Attention Attracted by: N/S
7. Number of Object(s) Seen: 1
8. Size of Object(s): 1 to 2 feet in diameter
9. Color of Object(s): bright light
10. Shape (Sketch if Possible) ~~square~~ Circular
11. Nature of Luminosity: like a ramp flood light  
(directed beam of light?)
12. Altitude of Object: When first sighted: 1 to 2,000 ft - climbed to  
(estimated) 20,000 feet
13. Estimated Distance of Object from Observer: N/S
14. Estimated Speed of Object: 400 to 500 MPH
15. Time in sight: N/S
16. Tactics: Began rapid climb but erratic - like change to pace
17. Sound Made by Object(s): no sound heard
18. Direction of Flight of Object(s) ~~N/S~~ climbed toward southeast
19. Apparent Construction: similar to a ramp floodlight
20. Effect on Clouds: N/S
21. Exhaust Trail (Color of): none
22. Manner of Disappearance: N/S
23. Weather Conditions at Time of Sighting: 15 miles visibility, wind  
west at 5 mph
24. Peculiarities Noted: Intensity of the light
25. Summary of Incident:  
(See attached page)

Incident: 215

Control tower personnel on duty at Fairfield Suisun AB, Fairfield, Calif., first sighted object at 1,000 to 2,000 feet north of field in a 5° climb heading southeast over field. Started to climb at about 400 to 500 MPH to 20,000 feet. Climb seemed erratic like change to pace. Tower personnel put 8-power binoculars on object. All that could be seen was a circular light one to 2 feet in diameter. Light had intensity of a Ramp floodlight and was so bright that it blanked out any silhouette (if any) when sighted in binoculars. Weather balloon released 45 to 35 minutes previous to sighting but was lost ten minutes after released. Personnel inside tower could not hear any sound. No exhaust trail.

INCIDENT SUMMARY SHEET

Incident No. 216

1. Date and Time of Observation: **8 December 1948 18:46**
2. Where Sighted: **Chanute AF Base, Illinois - 40°-18' North 88° 7-1/2' East**
3. Observer's Position: **ground while facing northeast  
(i. e., ground, air, control tower, etc.)**
4. Name and Address of Observer: **Sgt James E. Doty, Sgt Eugene E. Montag  
Det 16/EL, 16th Wes Sq, Chanute AFB, Rantoul, Illinois**
5. Occupation and/or hobbies: **Weather Observers, 16th Wes Sq**
6. Attention Attracted by: **glint of light**
7. Number of Object(s) Seen: **1**
8. Size of Object(s): **15 feet long x 6 ft wide - size jet fighter type plane  
thick(?)**
9. Color of Object(s): **white**
10. Shape (Sketch if Possible) **Round**
11. Nature of Luminosity: **M/S  
(directed beam of light?)**
12. Altitude of Object: **Over 15,000 ft  
(estimated)**
13. Estimated Distance of Object from Observer: **M/S**
14. Estimated Speed of Object: **over 350 MPH**
15. Time in Sight: **3 seconds**
16. Tactics: **Seemed to be moving in upward path horizontal from 15° above  
horizon to 20 or 25°**
17. Sound Made by Object(s): **No sound**
18. Direction of Flight of Object(s) **Northeast to South Southwest**
19. Apparent Construction: **M/S**
20. Effect on Clouds: **No clouds**
21. Exhaust Trail (Color of): **Statement of James E. Doty mentions that the  
object was leaving a trail**
22. Manner of Disappearance: **flew out of sight**
23. Weather Conditions at Time of Sighting: **high scattered clouds  
visibility: 10 miles**
24. Peculiarities Noted: **(**
25. Summary of Incident: **(over)  
(See attached page)**

Incident: 216

On 8 Dec 1948 at approximately 1846 hours Sergeant James E. Doty noticed what appeared to be either a sky rocket or meteor, and called the object to the attention of his companion, Sergeant Eugene E. Montag.

Sergeant Doty stated that the object did not appear to be a star because it was three or four times as large as a star and seemed closer than a star would be. It was heading from the northeast toward the south southwest and was moving upwards at about a 15 or 20 degree angle. As it moved it seemed to get larger. The object left a trail. In about two or three seconds it disappeared. The object was round, white and moved very fast.

Sergeant E. Montag's statement does not differ as to direction or color or angle of ascent. States that the object traversed about 2 to 3/10 of the sky while under observation and did not appear to him to be a falling star. He reported to the Duty Forecaster at the Base Weather Station. Sergeant Montag's statement does not mention seeing a trail.

## INCIDENT SUMMARY SHEET

Incident No. 217

1. Date and Time of Observation: 9 Dec 48 at 15:20 (Zonal by 24 hr clock)
2. Where Sighted: 8 to 12 miles SE of Pittsburgh on heading of 300°
3. Observer's Position: Air on a heading of 300°  
(i. e., ground, air, control tower, etc.)
4. Name and Address of Observer: Col J. K. Brown & Capt E. G. Malling  
Guided Missile Group, DCS/O Hq, USAF, Washington
5. Occupation and/or hobbies: Pilot and co-pilot
6. Attention Attracted by: Capt Malling called attention of Col Brown to  
the object
7. Number of Object(s) Seen: 1
8. Size of Object(s): Appeared slightly smaller than a quarter on windshield of  
aircraft
9. Color of Object(s): chalky white but not shiny
10. Shape (Sketch if Possible) appeared perfectly round
11. Nature of Luminosity: Was observed to shimmer - possibly due to  
(directed beam of light?) extreme speed and to distortion of light waves
12. Altitude of Object: Undetermined - 12 to 16,000 feet  
(estimated)
13. Estimated Distance of Object from Observer: Unknown - thought to be 4 to 5  
miles when first sighted.
14. Estimated Speed of Object: Unknown, but evidently very fast as during the  
7 minutes of the sighting it moved from 60° above  
horizon in a straight line to 10° (time of disappearance)
15. Time in Sight: 7 minutes
16. Tactics: Moved in straight line - horizontal flight
17. Sound Made by Object(s): Could not be determined
18. Direction of Flight of Object(s) On a course of 270°
19. Apparent Construction: Undetermined
20. Effect on Clouds: N/S
21. Exhaust Trail Color of): A slight shimmer was observed - could have been  
exhaust
22. Manner of Disappearance: Last seen 10° above horizon - became too small to see
23. Weather Conditions at Time of Sighting: Alto-stratus clouds around  
Akron
24. Peculiarities Noted: A jittery motion or horizontal shimmer was noticeable  
at all times
25. Summary of Incident: (over)  
(See attached page)

Incident: 217

On 9 December while on flight from Washington, D. C. to Patterson Field, shortly after leaving Pittsburgh range some 8 to 12 miles southeast of Pittsburgh Capt Mulling asked Col Brown if he were interested in seeing a flying disc! Col Brown removed his flight goggles, took a quick look and said "Looks like a balloon to me" Capt Mulling didn't agree since the object evinced a very definite movement and was proceeding in a southwest direction at a pretty fair rate of speed. Col Brown then decided to watch the object again. The object appeared perfectly round and of a chalky white color but did not appear shiny. It was whiter than the clouds and was seen against a background of strips of blue sky alternating with strips of thin broken stratus. It was much whiter than the clouds. It appeared to be traveling fairly rapidly through or above the clouds disappearing behind them and then reappearing but always pursuing a straight course. When first sighted it appeared at 60° above horizon and seemed from the observer's viewpoint to be about the size of a quarter - thought to be about 4 to 5 miles in front of the C-45. A horizontal shimmer or jittery motion was noticeable at all times. The C-45 was pursuing a course of 300° and then changed to 270° with the object almost parallel on a course of 230°. The C-45 was cruising at 180 MPH at 6,000 feet. The object appeared to be 12 to 16,000 feet and was above clouds. Object last seen at about 10° above the horizon and was about the size of a beebee shot.

INCIDENT SUMMARY SHEET  
(To be filled out and retained in files)

Incident: 216

1. Date of Observation **N/S** . . . . .
2. Time of Observation . **2245 B** . . . . .
3. Where was Object(s) Sighted . . **40 miles northwest of Martinsburg, West Va.** . . . . .
4. Observer's Position . **Aircraft on 125° heading** . . . . .  
(i.e. ground, air, control tower, etc.)
5. Name and Address of Observer . **Capt O. M. Legg, Capt R. E. Cassidy & S/Sgt** . . . . .  
**T. P. Turner of the Air Rescue Service, Fort Bragg, N. C.** . . . . .
6. Occupation and/or Hobbies . **Pilot & co-pilot and engineer** . . . . .
7. Attention Attracted to Object (s) by . . **seeing object in front of aircraft** . . . . .
8. Number of Object(s) Sighted . . **1** . . . . .
9. Size of Object(s) **Not determined** . . . . .
10. Color of Object(s) **Changing - red to blue to red** . . . . .
11. Shape (Sketch if Possible) . . **similar to parachute flare** . . . . .
12. Nature of Luminosity . **Flare** . . . . .
13. Estimated Distance of Object from Observer . . **20 miles** . . . . .
14. Speed of Object(s) . **Appeared to be stationary** . . . . .
15. Time in Sight . . **1 minute** . . . . .
16. Tactics . . **remained stationary** . . . . .
17. Sound Made by Object(s) . **none heard** . . . . .
18. Direction of Flight of Object(s) . . **Appeared stationary** . . . . .
19. Apparent Construction (Of What Material or Substance) . . **Like flare** . . . . .
20. Effect of Objects on Clouds and/or Exhaust Trail . . **N/S - no exhaust noticed** . . . . .
21. Weather Conditions Existing at the Time . . **Weather in Martinsburg area reported**  
**as clear 7 miles visibility** . . . . .
22. Peculiarities Noted . . **changed color** . . . . .
23. Summary of Incident . . . . . **(over)** . . . . .

Incident: 218

Object sighted some 40 miles northwest of Martinsburg, West Va., by pilot of AF 5952 and crew. A brilliant red flare was sighted at an altitude of approximately 10,000 to 11,000 ft. It appeared to be 20 miles in front of the aircraft which was on a heading of 125°. The shape appeared similar to a parachute flare. The color was variable changing to red to blue to red. Appeared to be stationary. No sound heard and no exhaust trail noticed. No opinion was formed by any member of the crew as to identify of the object. The flare lasted approximately 1 minute.

INCIDENT SUMMARY SHEET  
(To be filled out and retained in files)

Incident: 219

1. Date of Observation . **29 Nov 48** . . . . .
2. Time of Observation . **8:00 P. M.** . . . . .
3. Where was Object(s) Sighted . . **Newburgh, N. Y.** . . . . .
4. Observer's Position . . . **ground, 1st & Concord St., Newburgh, N. Y.** . . . . .  
(i.e. ground, air, control tower, etc.)
5. Name and Address of Observer . . **Doris Crooks, age 14, 325 First St., Newburgh** . . . . .  
    . . . **& two young friends** . . . . .
6. Occupation and/or Hobbies . **ninth grade student at N. Junior High School** . . . . .
7. Attention Attracted to Object (s) by . . **N/S** . . . . .
8. Number of Object(s) Sighted . . **1** . . . . .
9. Size of Object(s) . . . . **"large as life", "large red ball"** . . . . .
10. Color of Object(s) . **red** . . . . .
11. Shape (Sketch if Possible) . **ball** . . . . .
12. Nature of Luminosity . . **Ball of Fire** . . . . .
13. Estimated Distance of Object from Observer . . . **N/S** . . . . .
14. Speed of Object(s) . . . **N/S - but extremely fast** . . . . .
15. Time in Sight . . . **2 seconds** . . . . .
16. Tactics . . **horizontal flight - went below horizon** . . . . .
17. Sound Made by Object(s) . . **N/S** . . . . .
18. Direction of Flight of Object(s) . . **East to West** . . . . .
19. Apparent Construction (Of What Material or Substance) . . . . **"fire"** . . . . .
20. Effect of Objects on Clouds and/or Exhaust Trail . . **long tail** . . . . .  
    . . **Witness thought she saw a blue-tailed comet** . . . . .
21. Weather Conditions Existing at the Time . **N/S** . . . . .
22. Peculiarities Noted . . . . **Thought it seemed unusual for a shooting star** . . . . .
23. Summary of Incident . . . **(over)** . . . . .

(Attach a Separate sheet if Additional Space is Needed)

Incident: 219

Doris Croke, age 14, a ninth grade student at North Junior High, Newburgh, N. Y., reported that on the night of 29 November 1948 at precisely 8:00 while standing with two young friends on the corner of Concord St & 1st Street, that she observed a ball of fire with a long tail in the north of the sky. Course of the object was from east to west. It was visible for two seconds and then went below the horizon. She stated that while she had seen many shooting stars that she had never seen anything like this. She also described the astral phenomenon as being a "large red ball speeding thru the heavens." She was convinced that she had seen a blue-tailed comet.

Under investigation

INCIDENT SUMMARY SHEET

Incident No. 220

1. Date and Time of Observation: 29 Nov 1948 2113
2. Where Sighted: San Francisco, Calif
3. Observer's Position: ground  
(i, e., ground, air, control tower, etc.)
4. Name and Address of Observer: Mr Robert Thatcher, 1739 38th Ave.,  
San Francisco, Calif
5. Occupation and/or hobbies: Science Teacher Francisco Jr High School
6. Attention Attracted by: yellow light flashing across the sky
7. Number of Object(s) Seen: 1
8. Size of Object(s): N/S
9. Color of Object(s): yellow
10. Shape (Sketch if Possible) N/S "flash of light"
11. Nature of Luminosity: N/S  
(directed beam of light?)
12. Altitude of Object: N/S  
(estimated)
13. Estimated Distance of Object from Observer: N/S
14. Estimated Speed of Object: "too fast for plane"
15. Time in Sight: 7 seconds
16. Tactics: 1st headed north then turned north-northwest
17. Sound Made by Object(s): N/S
18. Direction of Flight of Object(s) North Northwest
19. Apparent Construction: flash of light
20. Effect on Clouds: N/S
21. Exhaust Trail (Color of): N/S - just flash of light was observed
22. Manner of Disappearance: N/S
23. Weather Conditions at Time of Sighting: N/S
24. Peculiarities Noted: Extreme speed - too fast for plane but did not  
think it was a comet or shooting star
25. Summary of Incident:  
(See attached page)

Incident: 220

Mr Robert Thatcher, an AF Veteran, now a Science teacher at the Francisco Jr High School, called Hq 4th AF to report a yellow light flash across the sky at approximately 2113 hours the night of 29 November 1948. Light was headed due North then turned North-Northwest and disappeared. It lasted for about 7 seconds and appeared to be traveling too fast for a plane. However, it did not appear to be a comet or shooting star.

INCIDENT SUMMARY SHEET

Incident No. 221

1. Date and Time of Observation:
2. Where Sighted: Midland, Michigan
3. Observer's Position:  
(i. e., ground, air, control tower, etc.)
4. Name and Address of Observer:
5. Occupation and/or hobbies:
6. Attention Attracted by:
7. Number of Object(s) Seen:
8. Size of Object(s):
9. Color of Object(s):
10. Shape (Sketch if Possible)
11. Nature of Luminosity:  
(directed beam of light?)
12. Altitude of Object:  
(estimated)
13. Estimated Distance of Object from Observer:
14. Estimated Speed of Object:
15. Time in Sight:
16. Tactics:
17. Sound Made by Object(s):
18. Direction of Flight of Object(s)
19. Apparent Construction:
20. Effect on Clouds:
21. Exhaust Trail Color of):
22. Manner of Disappearance:
23. Weather Conditions at Time of Sighting:
24. Peculiarities Noted:
25. Summary of Incident:  
(See attached page)

Case under investigation

No 240 R22

TT Conf 193  
23 Dec 48

Incident 221

CSAF ITEM 5 / R E S T R I C T E D /

REFERENCE AWC ITEM 4 PM TT 21 DECEMBER, FULL INFORMATION

RELATIVE MIDLAND, MICHIGAN, INCIDENT WILL BE FORWARDED

HQS AWC ATTENTION: PROJECT "SIGN"

END CSAF ITEM 5 / R E S T R I C T E D

INCIDENT SUMMARY SHEET

Incident No. 222

1. Date and Time of Observation: **23 Nov 1948 at 2220 hours**
2. Where Sighted: **Furstenfeldbruck, Germany**
3. Observer's Position: **from ground**  
(i. e., ground, air, control tower, etc.)
4. Name and Address of Observer: **Capt Hugh Slater, 23rd Fighter Sq  
Furstenfeldbruck AF Base, Germany**
5. Occupation and/or hobbies: **F-80 pilot**
6. Attention Attracted by: **N/S**
7. Number of Object(s) Seen: **1 possibly 2**
8. Size of Object(s): **N/S**
9. Color of Object(s): **like reddish star**
10. Shape (Sketch if Possible) **N/S**
11. Nature of Luminosity: **N/S**  
(directed beam of light?)
12. Altitude of Object: **27,000 ft to 40,000 ft**  
(estimated)
13. Estimated Distance of Object from Observer: **N/S**
14. Estimated Speed of Object: **from 200 to 500 MPH**
15. Time in Sight: **N/S**
16. Tactics: **horizontal flight, climbing and circling**
17. Sound Made by Object(s): **N/S**
18. Direction of Flight of Object(s) **southerly direction turning slightly to  
SW and then SE**
19. Apparent Construction: **N/S**
20. Effect on Clouds: **N/S**
21. Exhaust Trail Color of): **N/S**
22. Manner of Disappearance: **N/S**
23. Weather Conditions at Time of Sighting: **Sky: clear; moon shining; no  
cloud layers, visibility 3 miles  
with ground fog. Winds aloft: 50 knot  
per hour**
24. Peculiarities Noted:
25. Summary of Incident: **(over)**  
(See attached page)

Incident: 227

At 2220 hours, local time, 23 Nov 48, Capt Hugh Slater saw an object in the air directly east of Furstenfeldbruck at an unknown altitude. It looked like a reddish star and was moving in a southerly direction across Munich turning slightly to the South-West and then South-East. Speed could have been between 200 and 500 MPH. Actual speed could not be estimated. Capt Slater called Base Operations from his barracks and they notified Racecard DF Station who reported nothing on the scope but stated they would look. Racecard Station then called Base Operations to report an unidentified object 27,000 ft up some 30 miles south of Munich. Later Racecard Station called Capt Slater to report that the object was climbing and was then believed to be at 40,000 ft altitude about 40 miles south of Munich and was circling.

There were no F-80's (Jets) flying on this night.

Capt Slater (an F-80 pilot) is considered completely reliable and the facts stated above were verified by Capt Darwin R. Addis 23rd Fighter Sq (also an F-80 pilot) who was with Capt Slater at the time of the sighting.

## INCIDENT SUMMARY SHEET

Incident No. 223

1. Date and Time of Observation: 5 December 1948 2105 hours & 2127 hours
2. Where Sighted: West of Las Vegas, New Mexico (2105)  
East slope of Sandia Mountains - near Albuquerque, N. M. (2127)
3. Observer's Position: Air - pilot of a P-47 while flying at 18,000 ft.  
(i. e., ground, air, control tower, etc.)
4. Name and Address of Observer: Captain A. Gonde, AO-55483
5. Occupation and/or hobbies: Pilot
6. Attention Attracted by: flare
7. Number of Object(s) Seen: 1
8. Size of Object(s): N/S
9. Color of Object(s): green
10. Shape (Sketch if Possible) similar to flare
11. Nature of Luminosity: Like flare  
(directed beam of light?)
12. Altitude of Object: 500 feet.  
(estimated)
13. Estimated Distance of Object from Observer: N/S
14. Estimated Speed of Object: N/S
15. Time in Sight: N/S
16. Tactics: N/S
17. Sound Made by Object(s): N/S
18. Direction of Flight of Object(s) N/S
19. Apparent Construction: Like flare
20. Effect on Clouds: N/S
21. Exhaust Trail (Color of): N/S
22. Manner of Disappearance: N/S
23. Weather Conditions at Time of Sighting: N/S
24. Peculiarities Noted:
25. Summary of Incident: (over)  
(See attached page)

Incident 223

At 2130 hours, 5 Dec 1948, Capt Goads, flying a C-47, No. AF 9921, enroute from Lowry AF Base, Denver, Colorado, to Williams AF Base, Chandler, Arizona, reported his position to the Control Tower, Kirtland AF Base, as being approximately 10 miles east of Albuquerque. Capt Goads stated he had seen a green flare arise from the ground to an altitude of approximately 500 ft on the east slope of the Sandia Mountains at about 2127 hours. He was flying at 18,000 ft. Stated he had just seen the same type flare at approximately 2105 hours just west of Las Vegas, New Mexico, at approximately 2105 hours.

Other sightings of this <sup>or similar</sup> flare are as follows:

Dec 5, 1948

7:30 p. m.	Mary & John Smith (Las Vegas, N. M.)
9:05 P. M.	(Capt Goads) west of Las Vegas, N. M.
9:15 p. m.	Mr & Mrs Lewis Martinez (Las Vegas, N. M.)
9:15 - 9:30 p.m.	Mr Roger Lewis (Las Vegas, N. M.)
9:15 p. m.	Rev & Mrs C. M. Wallace (Near Lucy, N. M.)
9:27 p. m.	Capt Goads & Major Carter (Incidents 223 & 223a) near Albuquerque, N. M.
9:35 p. m.	Mr Ernest Van Lloyd, Pilot and Co-Pilot James L. Smith (Las Vegas, N. M.)
10:00 - 10:15 p.m.	Mrs Woodrow House (Near Las Vegas, N. M.)
10:20 p. m.	Sgt. & Mrs Frank Henaley (Near Levy, N. M.)
10:30 p. m.	Mr Frank Green (Temporary Santa Fe RR Station ON VA, N.M.)
11:15 p. m.	George (Wm.?) Birt (Near Las Vegas, N. M.)

NOTE: Inquiry of local airfields both commercial and governmental unearthed no applicable explanation of this phenomena. Holloman AF Base performs no research work at night and on Sundays which involves the use of any lighting device or flares such as described.

INCIDENT SUMMARY SHEET

Incident No. 223a

1. Date and Time of Observation: **5 December 1948** 2135 hours
2. Where Sighted: **west of Las Vegas, N. M.**
3. Observer's Position: **Air, pilot of a commercial plane while enroute from (i. e., ground, air, control tower, etc.) Tucuman, N. M. to Las Vegas to Santa Fe, to Albuquerque, N.M.**
4. Name and Address of Observer: **(Capt Pioneer Air Flight #63)  
Capt VAN LLOYD**
5. Occupation and/or hobbies: **Pilot**
6. Attention Attracted by: **Object appeared to be coming straight to ship "attempted to jerk plane from course to avoid the light"**
7. Number of Object(s) seen: **1**
8. Size of Object(s): **N/S**
9. Color of Object(s): **pale green (first rpt) bright white changing to orange (interview with S/A HENF)**
10. Shape (Sketch if Possible) **N/S - similar to Very Pistol flare**
11. Nature of Luminosity: **like shooting star (directed beam of light)**
12. Altitude of Object: **500 feet altitude (1st rpt) (estimated) slight above 9,000 ft (interview with HENF)**
13. Estimated Distance of Object from Observer: **N/S - thought object was coming straight to ship**
14. Estimated Speed of Object: **N/S**
15. Time in Sight: **N/S**
16. Tactics: **N/S appeared to be coming straight to the ship - then trailed off to the ground**
17. Sound Made by Object(s): **N/S**
18. Direction of Flight of Object(s) **N/S**
19. Apparent Construction: **flare-like**
20. Effect on Clouds: **N/S**
21. Exhaust Trail (Color of): **pale green trail (not mentioned in 2d rpt)**
22. Manner of Disappearance: **N/S**
23. Weather Conditions at Time of Sighting: **N/S**
24. Peculiarities Noted: **Too near the ground for a shooting star & too far up for a Very Pistol flare**
25. Summary of Incident: **(over)**  
(See attached page)

Incident: 223a

1st rpt

At 2120 hours 5 December 1948, Captain VAN LLOYD, pilot of Pioneer Flight #63, reported by telephone to Kirtland AF Base Control Tower stating that he had seen a green light just west of Las Vegas at approximately 2135 hours. Pilot at first believed the light was a shooting star, but upon questioning thought it was too near the ground. Thought too it could have been a Very Pistol flare only it appeared much higher - about 500 ft. When he first observed the light it appeared to be coming straight toward the plane and he attempted to swerve to avoid the light; however, it then trailed off to the ground. The light was pale green and had a pale green trail, like that on a rocket.

See Report No. 223 for surrounding data.

2d rpt

Later Capt VAN LLOYD and his co-pilot James L. Smith, were interviewed by S/A MELVIN E. KEEF, at Pioneer Airline Operations, Kirtland AF Base, Kirtland Fld, N. M. VAN LLOYD and SMITH advised that at 2135 hours 5 Dec 48 as they were approaching Las Vegas, N. M. in a C-47 type plane at an altitude of 9,000 ft (compass heading of 272°), they observed directly ahead and slightly above their altitude - in the vicinity of Montezuma Mission a phenomenon which first appeared as a bright white flash - then an object came into view which was described as being a whitish orange color. It first appeared to be coming directly toward their plane then arched downward and disappeared from sight. Was only in sight for a few seconds and no estimate could be made of size or distance.

NOTE: It is to be noted that there is a discrepancy in the color (also in the altitude - in the second report he states the object was a little higher than his plane - which was flying at 9,000 ft) First report was made to Kirtland AF Base Control Tower & second report was obtained by S/A MELVIN E. KEEF in a personal interview.

## INCIDENT SUMMARY SHEET

Incident No. 224

1. Date and Time of Observation: **8 December 1948 1533**
2. Where Sighted: **20 miles east of Las Vegas, N. M.**
3. Observer's Position: **Plane, 5000 ft above earth 35° 31' N - 104° 51' W**  
(i. e., ground, air, control tower, etc.)
4. Name and Address of Observer: **S/A STAHL and HREF**
5. Occupation and/or hobbies: **Special Agents and rated pilots**
6. Attention Attracted by: **brilliant green light**
7. Number of Object(s) Seen: **1**
8. Size of Object(s): **considerably larger than that of a normal flare, meteor or shooting star**
9. Color of Object(s): **intense green**
10. Shape (Sketch if Possible) **N/S - similar to flare**
11. Nature of Luminosity: **Light more intense than a normal flare (directed beam of light?)**
12. Altitude of Object: **13,500 above sea level, 7,000 ft above earth (estimated) (approximately 2,000 ft higher than plane)**
13. Estimated Distance of Object from Observer: **N/S**
14. Estimated Speed of Object: **N/S**
15. Time in Sight: **2 seconds**
16. Tactics: **observed a flat trajectory - almost parallel to the earth, trajectory dropped off rapidly and a trail of glowing fragments were observed to**
17. Sound Made by Object(s): **N/S fall**
18. Direction of Flight of Object(s) **60° NNE to 240° WSW**
19. Apparent Construction: **meteor-like or flare-like**
20. Effect on Clouds: **N/S**
21. Exhaust Trail Color of): **had trail of glowing fragments reddish orange in color which fell toward the ground**
22. Manner of Disappearance: **disintegrated**
23. Weather Conditions at Time of Sighting: **CAVU - minimum of 75 miles - wind 30 MPH from 310°.** Moon approx half-way to zenith and south or right of you
24. Peculiarities Noted: **See Incident 227 - Significant Differences between the Fireballs Observed in the Interval Dec 5-13 and Typical Meteors.**
25. Summary of Incident: **(over)**  
(See attached page)

Incident: 224

At 1745 on 8 Dec 48, Spec Agents STAHL & HEFF, both rated pilots, took off from Kirtland AF Base in a T-7 type aircraft. At 1833 while flying at an indicated altitude of 11,500 feet, mean sea level, approximately 5,000 feet above terrain, a strange phenomenon was observed. Exact position of the aircraft at time of observation was 35° 31' N - 104° 51' W, approximately 20 miles east of Las Vegas, N. M., radio sonde station. Aircraft was on a compass course of 90°, indicated air-speed was 160 MPH and ground speed approx 190 mph. S/A STAHL was pilot and seated on the left side of cockpit. S/A HEFF first observed the object and a split second later S/A STAHL saw it. It was 2,000 ft higher than the plane or 13,500 ft above mean sea level and was approaching the plane at a rapid rate of speed from approximately 30° to the left of course, from 60° ENE, to 240° WSW. The object was similar in appearance to a burning green flare of common use in the Air Force. However, the light was much more intense and the object appeared considerably larger than a normal flare. No estimate could be made of the distance or size of the object since no other object was visible upon which to base a comparison. It was definitely larger than a shooting star, meteor or flare. The trajectory of the object when first sighted was almost flat and parallel to the earth. The phenomenon lasted approximately 2 seconds at the end of which time the object seemed to burn out. The trajectory then dropped off rapidly and a trail of glowing fragments reddish orange in color was observed falling toward the ground. These fragments were visible for less than a second before disappearing. The phenomenon was of such intensity as to be visible from the very moment it ignited and was observed a split second later. It was not possible for the phenomenon to have been visible for longer than a split second before observation. (See "e" under "Significant Differences Between the Fireballs Observed in the Interval Dec 5-13 & Typical Meteors" - Incident 227)

See Incident 223

## INCIDENT SUMMARY SHEET

Incident No. 225

Letter part of 47

1. Date and Time of Observation: 3 or 4th Nov 48 - 2130 hours & 23 Nov 48  
(All sightings occurred approx 2200 hours)
2. Where Sighted: 10 miles east of Vaughn, N. M. - Highway 60 on 3 or 4th Nov 48
3. Observer's Position: ground - while driving  
(i. e., ground, air, control tower, etc.)
4. Name and Address of Observer: Col W. P. Hayes, Inf., Executive,  
New Mexico Military District
5. Occupation and/or hobbies: As above
6. Attention Attracted by: N/S
7. Number of Object(s) Seen: 1
8. Size of Object(s): 1 foot in diameter
9. Color of Object(s): bright white changing to bright fiery red color  
as it exploded
10. Shape (Sketch if Possible) ball
11. Nature of Luminosity: "like miniature sun"  
(directed back of light?)
12. Altitude of Object: From 500 ft when first observed to 100-200 ft  
(estimated) from ground where it burst in a spray of reddish color
13. Estimated Distance of Object from Observer: 40 to 60 yds on one sighting  
and about 400 yds at another
14. Estimated Speed of Object: Slow descent
15. Time in Sight: N/S - Had time to get out of car and watch object which  
appeared to explode 40 to 60 yds in front of him at an altitude of 200 ft.
16. Tactics: slow vertical descent
17. Sound Made by Object(s): none - although he was within 40 to 60 yds of obj.  
& outside of car. See "Details" at Albuquerque, N.M.
18. Direction of Flight of Object(s) Vertical descent
19. Apparent Construction: fireball
20. Effect on Clouds: N/S - weather clear
21. Exhaust Trail Color of): N/S
22. Manner of Disappearance: exploded - fragments assuming a fiery red color  
which descended toward earth like numerous sparks but extinguished
23. Weather Conditions at Time of Sighting: Clear before reaching  
ground
24. Peculiarities Noted: Noticed always around 2200 hours -  
in the vicinity of Vaughn - Highway 60
25. Summary of Incident: (over)  
(See attached page)

Incident: 225

Colonel Hayes first observed an unusual aerial phenomena during the latter part of 1947. This occurred in the vicinity of Vaughn, N. M. The phenomena appeared approximately 400-500 ft above the ground when first observed and was descending slowly and steadily in a vertical manner toward the earth. It appeared slightly larger than a basketball, bright white in color like a miniature sun. At a point approximately 200 feet above the surface of the earth, the object appeared to explode although no noise was apparent. By this time the Colonel had stopped his automobile and had gotten out to watch the object. The explosion or disintegration appeared to be taking place some 40 to 60 yards distant and still no noise was noticed. At this time the fragments assumed a fiery red color and descended toward earth like numerous sparks being extinguished before touching the ground. At the time Col Hayes was on Highway 60, near a railroad and separated from the vicinity where the fragments were landing by a fence. He did not cross the fence or investigate farther.

On 3 or 4 Nov 48 at approximately 2130 hours he observed a ball of light, reddish white in color, 1 foot in diameter, falling vertically. The ball burst 100-200 feet from the ground in a spray of reddish color which extinguished before reaching the ground - this occurred about 400 yards north of the road on which he was driving - 10 miles east of Vaughn, N. M. - Highway 60.

On 23 Nov 1948 at approximately 2130 hours, Col Hayes was driving west on Highway 60 - approximately 10 miles west of Vaughn, N. M. He again observed a ball of light descending vertically. It burst 100-200 feet from the ground - Conditions and appearance were the same as on 3 and 4th Nov.

Col Hayes

On the last 2 sightings ~~was~~ saw no aircraft and heard no sound which is understandable since he was traveling in a closed automobile. Weather conditions were clear.

EVALUATION B-2.

INCIDENT REPORT

Incident No. 226

1. Date and Time of Observation: **6 December 1948 approx 2255 in the evening**
2. Where Sighted: **Sandia Base, Albuquerque, N. M.**
3. Observer's Position: **ground - while driving west on "D" St.  
(i. e., ground, air, control tower, etc.)**
4. Name and Address of Observer: **Mr Joe Foulouse, Security Section, Sandia Base,  
Albuquerque, N. M.**
5. Occupation and/or hobbies: **N/S - see above**
6. Attention Attracted by: **Saw light on windshield**
7. Number of Object( ) Seen: **1**
8. Size of Object(s): **Approximately 1/3 the diameter of the moon**
9. Color of Object(s): **greenish**
10. Shape (Sketch if Possible) **N/S - like flare**
11. Nature of Luminosity: **Like flare  
(directed beam of light?)**
12. Altitude of Object: **N/S  
(estimated)**
13. Estimated Distance of Object from Observer: **N/S**
14. Estimated Speed of Object: **N/S**
15. Time in Sight: **2 to 3 seconds**
16. Tactics: **Slight arc falling from east to west**
17. Sound Made by Object(s): **N/S**
18. Direction of Flight of Object(s) **east to west**
19. Apparent Construction: **like flare**
20. Effect on Clouds: **N/S**
21. Exhaust Trail Color of): **flaming tail appeared during arc**
22. Manner of Disappearance: **N/S**
23. Weather Conditions at Time of Sighting: **N/S**
24. Peculiarities Noted: **Greenish hue**
25. Summary of Incident: **(over)  
(See attached page)**

Incident: 226

At approximately 2255 the evening of 6 December 1948, Mr Joseph H. Toulouse, A. S. C. Security, Sandia Base, observed a definite greenish flare in the sky almost directly overhead of Sandia Base. At the time he was driving west on "D" Street and had arrived at a Stop sign at Main Street. The flare appeared in the upper right hand corner of the windshield slightly to the northwest.

It was approximately  $1/3$  the diameter of the moon and a slight arc ensued falling from east to west. The flaming tail appeared during the arc. The entire phenomenon lasted possibly two to three seconds after which it vanished.

INCIDENT SUMMARY SHEET

Incident No. 227

1. Date and Time of Observation: **12 Dec 1948 Approx 9:00 1 a. 30 s  
& 9:00 2 a. 30a.**
2. Where Sighted: **Near Bernal, New Mexico**
3. Observer's Position: **ground - right front seat of car  
(i. e., ground, air, control tower, etc.)**
4. Name and Address of Observer: **Dr La Paz, Director, Institute of Meteoritics,  
University of New Mexico**
5. Occupation and/or hobbies: **Astronomer**
6. Attention Attracted by: **indirect vision**
7. Number of Object(s) Seen: **1**
8. Size of Object(s): **Apparent angular diameter 5'**
9. Color of Object(s): **very bright green**
10. Shape (Sketch if Possible) **ball**
11. Nature of Luminosity:  
(Directed beam of light?)
12. Altitude of Object: **8 to 10 miles altitude  
(estimated)**
13. Estimated Distance of Object from Observer: **1/8**
14. Estimated Speed of Object: **Either 8 to 12 miles or 3 to 6 miles per second  
depending on the duration estimate used**
15. Time in Sight: **2.1 to 2.3 seconds**
16. Tactics: **Observed almost exact horizontal flight until a 1/10th second before  
disappearance when a slight but definite curvature downward was noticed.**
17. Sound Made by Object(s): **none noticed**
18. Direction of Flight of Object(s) **east to west - very low on the horizon**
19. Apparent Construction: **"fireball"**
20. Effect on Clouds: **1/8**
21. Exhaust Trail (Color of): **No trail noticed**
22. Manner of Disappearance: **Exploded into four smaller bright green fragments  
which quickly disappeared**
23. Weather Conditions at Time of Sighting: **Clear**
24. Peculiarities Noted: **See "Significant Differences Between the Fireballs  
Observed in the Interval 5-13 Dec and Typical Meteors" by Dr La Paz.**
25. Summary of Incident: **(over)**  
(See attached page)

Dr La Paz's attention was directed to an area about  $15^\circ$  west of L-Cygni when by indirect vision he became aware of a very bright green ball (apparent angular diameter  $5'$ ) to the right of the area in his center field of view which was moving from east to west very low on the horizon. Shouting "Look" to his companions (Maj C. L. Phillips, AF-CAP Liaison Officer, Kirtland Fld., Lt Allan Clark, Intel Officer, U. S. Air Force, and Inspectors Jeffers and McQuigan, AEC Security Service (Los Alamos, N. M.) who then timed duration of fireball which ranged from 2.1 seconds to 2.3 sec. The path of the green ball was almost exactly horizontal (altitude estimated as only 3 or 4 degrees) until just a tenth of a second or so before it disappeared. During the last one or two tenths of a second of its visibility a slight but definite curvature downward developed in its path. From the very beginning the ball was very bright. Immediate comparison with Sirius (at a much greater altitude than the green fireball) indicates that during all but the last one or two tenths of a second of the fireball's visibility it was at least of apparent magnitude  $-4$  (minus four). Just as curvature in its path developed, the magnitude of the fireball rose slightly and it broke up into three or four smaller but still bright green fragments which disappeared almost instantly. Although Lt Clark stopped the car the moment the fireball disappeared and the occupants then stood outside the car and listened for meteoritic detonations or rumblings, nothing was heard. The night guards at Los Alamos had also witnessed the phenomena simultaneously. The green fireball of December 12th, 9 h 2m plus or minus 30s appeared very near a point with the coordinates latitude  $35^\circ 50'$  longitude  $106^\circ 40'$  and disappeared near a point with the coordinates latitude  $35^\circ 15'$ , longitude  $107^\circ 5'$ , traversing a nearly or exactly horizontal path with a length of very nearly twenty-five (25) miles at an altitude above the surface of the earth of approximately 8 to 10 miles, depending on the estimate of angular altitude employed in the reduction. The velocity with respect to the earth works out at between 8 to 12 miles a second - depending on the duration estimate used. It should be observed that the above results are obtained under the assumption that the points of appearance and disappearance of the fireball were seen simultaneously by both the Bernal and Los Alamos groups. In case this assumption is not fulfilled, the real path could very easily be no more than 10 to 12 miles long, the velocity with respect to the earth then working out at between 3 and 6 miles a second. While there is thus considerable uncertainty because of the lack of confirming azimuth observations from a third station, the concordance in the five (5) different estimates of angular elevation make it most unlikely that the linear height of the fireball was much less than 8 miles and much more than 10 miles. It is interesting to observe that the backward extension of the 25-mile path first given passes almost centrally across the Los Alamos reservation.

During the entire night of the 12th, meteors of all magnitudes from the first to the fifth and of various colors (with white and yellow predominating and with no evidence of green were occasionally seen emanating from the Gemid radiant. This radiant was well above the horizon even at the time of the Starvation Peak incident. (near Bernal, N. M.) Consequently, the apparent paths of the meteors from the radiant appeared as

luminous arcs of great circles diverging from the radiant point and passing downward to intersect the horizon under angles always large and for the most part approaching 90° in value. In sharpest contrast, the path of the bright green fireball seen from near Starvation Peak was very nearly, if not exactly, parallel to the horizon. This green fireball certainly did not emanate from the Geminid radiant.

Subject to discovery that a new (non-Geminid) meteoric radiant emitting numerous very bright fireballs of a vivid green color (deeper and richer than the green of the beacon at the New Municipal Airport south of Santa Fe, New Mexico) has suddenly become active during the first half of December, I am now convinced the various "green flare" incidents reported to the O. S. I. are not meteoric in nature. See Incidents: 225, 226, 223, 223a, 224, 230

Significant Differences Between the Fireballs Observed in the Interval December 5-13 and Typical Meteors:

- a. The horizontal nature of the paths of most of the December fireballs is most unusual. Genuine meteors are rarely observed to move in horizontal paths.
- b. The very low height of the December fireball discussed in Section 2 above sets it off in sharp contrast from the genuine meteors for which heights of the order of 40 or more miles are normally observed.
- c. The velocity determined for the fireball of December 12 is much less than the velocities determined from typical meteors (and yet is considerably greater than the speeds of the V-2 Rockets or jet planes or of conventional flares).
- d. In the case of meteorites that penetrate to as low levels as that determined for the fireball of December 12, the observed luminous phenomena are always accompanied by very violent noises. No noises whatever have been observed in connection with the various December fireballs so far investigated.
- e. Genuine meteors normally show remarkable variations in brightness beginning as fine thin hair lines, which are scarcely visible to the observer and then brightening up to flash out near the end of their paths. In the case of the December fireballs, most of the observers have reported that the green balls appeared almost instantly at their full brightness.
- f. In the case of genuine meteors the paths are directed toward all points of the compass with equal frequency. On the contrary in the case of the green fireballs, plots of admissible approach sectors show that there is a very pronounced tendency for the paths to come in from the north half of the sky.
- g. The three groups of anomalous greenish luminous phenomena show a curious association with well known meteor showers, although none

Incident: 227

of these meteor showers normally produce extremely bright green fireballs such as those recently observed. For example, the observation mentioned by Mr Monnig (Incident 231) appeared near the maximum of the Quadrantid shower of early January. Mr McCullough's observation of August was near the time of the Perseid shower (Incident 230) and the December observations (223, 223a, 224, 226, 227, all fall in the interval covered by the Geminid shower. This relationship might indicate an attempt to render the green fireballs less conspicuous by causing them to appear only when there is considerable meteoric activity.

b. As noted in an earlier communication the remarkably vivid green color reported for most of the December fireballs is rarely observed in the case of genuine meteors. By laboratory test this peculiar color seems to be identical with that given off by copper salts in the blowpipe flame. If this identification is correct, the wavelength of the radiation from the green fireballs is near  $\lambda = 5218 \text{ \AA}$ .

i. The duration estimates of between 2 and 3 seconds reported for the green fireballs are considerably longer than those (0.4 - 0.5 seconds) for the ordinary visual meteors, but shorter than the duration estimates invariably reported in the case of a genuine meteorite fall (5 to 30 seconds or even longer).

j. None of the green fireballs seem to have a train of sparks or a dust cloud following. This contrasts sharply with the behavior noted in case of meteoric fireballs - particularly those that penetrate to the very low levels where the green fireball of December 12 was observed.

NOTE: Inquiry at Holloman AF Base, Alamogordo, N. M., revealed that research work at night and on Sundays does not involve the use of any lighting device or flares such as described in the various reports submitted.

## INCIDENT SUMMARY SHEET

Incident No. 228

1. Date and Time of Observation:
2. Where Sighted: **New Brighton, Pa.**
3. Observer's Position:  
(i. e., ground, air, control tower, etc.)
4. Name and Address of Observer:
5. Occupation and/or hobbies:
6. Attention Attracted by:
7. Number of Object(s) Seen:
8. Size of Object(s):
9. Color of Object(s):
10. Shape (Sketch if Possible)
11. Nature of Luminosity:  
(directed beam of light?)
12. Altitude of Object:  
(estimated)
13. Estimated Distance of Object from Observer:
14. Estimated Speed of Object:
15. Time in sight:
16. Tactics:
17. Sound Made by Object(s):
18. Direction of Flight of Object(s)
19. Apparent Construction:
20. Effect on Clouds:
21. Exhaust Trail (Color of):
22. Manner of Disappearance:
23. Weather Conditions at Time of Sighting:
24. Peculiarities Noted:
25. Summary of Incident:  
(See attached page)

Case under investigation



## INCIDENT SUMMARY SHEET

Incident No. 2734

1. Date and Time of Observation: **14 Dec 1948**
2. Where Sighted: **Rivers Beach Florida**
3. Observer's Position:  
(i. e., ground, air, control tower, etc.) **Ground (with Binoculars)**
4. Name and Address of Observer: **n/s**
5. Occupation and/or hobbies: **n/s**
6. Attention Attracted by: **n/s**
7. Number of Object(s) Seen: **n/s**
8. Size of Object(s): **20 feet**
9. Color of Object(s): **Silver with big white spot.**
10. Shape (Sketch if Possible) **Like large kite.**
11. Nature of Illumination:  
(Directed beam of light?)
12. Altitude of Object(s):  
(estimated)
13. Estimated Distance of Object from Observer:
14. Estimated Speed of Object:
15. Time in Sight:
16. Tactics: **Dodged and speeded up.**
17. Sound Made by Object(s):
18. Direction of Flight of Object(s)
19. Apparent Construction:
20. Effect on Clouds:
21. Exhaust Trail (Color of):
22. Manner of Disappearance:
23. Weather Conditions at Time of Sighting:
24. Peculiarities Noted:
25. Summary of Incident:  
(Summary) **Complete investigation not being made due to meagerness of initial report.**

## INCIDENT SUMMARY SHEET

Incident No. 230

1. Date and Time of Observation: 4 Aug 1948 - Between 2 & 3 A. M.
2. Where Sighted: North Powder, Oregon - 2-1/2 miles north of
3. Observer's Position: ground  
(i. e., ground, air, control tower, etc.)
4. Name and Address of Observer: J. B. McCallough, P. O. Box 2776, Boise, Idaho
5. Occupation and/or hobbies: N/S
6. Attention Attracted by: N/S
7. Number of Object(s) Seen: 1
8. Size of Object(s): N/S
9. Color of Object(s): High tensity of green possibly on light-green side
10. Shape (Sketch if Possible) N/S - "fireball"
11. Nature of Luminosity: like meteor - had definite fluorescent glow  
(Directed beam of light?) circumventing it
12. Altitude of Object: 5,500 ft elevation above sea level  
(estimated)
13. Estimated Distance of Object from Observer: N/S
14. Estimated Speed of Object: N/S
15. Time in Sight: N/S
16. Tactics: Performed a 5-1/2 mile trajectory and arched earthward in  
a natural down grade. Arc equal to approximately 90°
17. Sound Made by Object(s): N/S
18. Direction of Flight of Object(s) northwest to southeast
19. Apparent Construction: "fireball"
20. Effect on Clouds: N/S
21. Exhaust Trail Color of): Did not have much of a meteor type tail -  
but did have a definite fluorescent glow circumventing it.
22. Manner of Disappearance: "After reaching the 'nth' degree of the arc, it  
extinguished itself"
23. Weather Conditions at Time of Sighting: N/S
24. Peculiarities Noted: Green glow
25. Summary of Incident: (over)  
(See attached page)

Incident: 230

"On August 4th, while traveling south on U. S. Highway No. 30, approximately two and one-half miles north of North Powder, Oregon, - somewhere between 2 & 3 A. M. - I was amazed to see in the heavens directly south of me, a fireball. This object appeared to come out of nowhere, but when first observed, was traveling in a horizontal line on an angle presumed to be northwest to southeast at an elevation above sea level of 5500' (absolute direction and elevation argumentative). It appeared to me - for a descriptive purpose - as having been ejected from a huge Roman candle, and this candle, by whatever power held, was on a horizontal plane with the earth. As the object in its trajectory, approximately five and one-half miles, became spent, it arched earthily in a natural down grade. As I recall it, this arc was equal to approximately 90 degrees. Immediately after reaching this 'nth' degree of the arc, it extinguished itself. I do not recall that there was much of a meteor type tail, but the object did have a definite fluorescent glow circumventing itself. As to the color, I can best describe it by referring your observation after dark to a high tensity neon sign of green - perhaps on the light green side."

See Incident # 223

## INCIDENT SUMMARY SHEET

Incident No. 231

1. Date and Time of Observation: **1 Jan 48 11:25 A. M. & 1:30 A.M.**
2. Where Sighted: **Abilene, Texas**
3. Observer's Position: **ground**  
(i. e., ground, air, control tower, etc.)
4. Name and Address of Observer: **Mr A. Schroeder, 1109 Highland Ave  
Abilene, Texas**
5. Occupation and/or hobbies: **N/S**
6. Attention Attracted by: **glow on the horizon - due west of Abilene, Texas  
(direction of White Sands Proving Grounds)**
7. Number of Object(s) Seen: **1**
8. Size of Object(s): **N/S**
9. Color of Object(s): **Bright blue green**
10. Shape (Sketch if Possible) **Like bell with a fan-shaped glow surrounding**
11. Nature of Luminosity: **Like flare**  
(directed beam of light?)
12. Altitude of Object: **N/S - observed on the horizon**  
(estimated)
13. Estimated Distance of Object from Observer: **N/S - could not be estimated**
14. Estimated Speed of Object: **No apparent speed**
15. Time in Sight: **2 seconds**
16. Tactics: **- remained stationary**
17. Sound Made by Object(s): **No sound**
18. Direction of Flight of Object(s) **No flight perceived**
19. Apparent Construction: **flare-like**
20. Effect on Clouds: **Clear sky**
21. Exhaust Trail (Color of): **Fan-shaped glow seemed to surrounded object**
22. Manner of Disappearance: **N/S**
23. Weather Conditions at Time of Sighting: **Clear sky**
24. Peculiarities Noted: **See**
25. Summary of Incident: **(over)**  
(See attached page)

Incident: 231

Information regarding this sighting taken from a letter of Oscar Monnig addressed to Mr A. Schroeder of Abilene, Texas, in regard to Mr Schroeder's query regarding a phenomena he witnessed the night of 1 Jan 48 at approximately 11:25 A. M. and again at 1:30 A. M.

Object was described as a fan-shaped glow which originated from a large bell on the horizon and which extended to the meridian due west of Abilene, Texas, in a perfectly clear sky. Phenomena was of 2 seconds duration. Five minutes later it was seen again for the same length of time. No sound was heard.

Mr Monnig thought the phenomena could possibly be attributed to:

- (1) Disturbance of an electrical system such as transformers blowing out, or
- (2) Experiments at White Sands Proving Grounds which are due west of Abilene.

NOTE: Inquiry at Holloman Air Base, Alamogordo, N. M., revealed that research work at night and on Sundays does not involve the use of any lighting device or flares such as described in the various reports submitted. See Incidents

CHECK-LIST UNIDENTIFIED FLYING OBJECTS

Incident #

1. Date of Incident **16 Nov 1948**
2. Time of Incident **1318 Hours**
3. Place of observation **Dunroost N.J. (25 Miles NW NYC) (House)**
4. Name of observer **Marie S. Green ,**
5. Occupation of observer **Housewife**
6. Address of observer **County Rd., Dunroost N.J.**
7. Number of objects observed **1**
8. Distance of object from observer
9. Time in sight **1 min.**
10. Altitude **of object 1000 ft.**
11. Speed
12. Direction of flight **North to South**
13. Tactics
14. Lights
15. Sound
16. Size
17. Color **Aluminum or Silvery with dark color mixed in.**
18. Shape **Ball like**
19. Odor detected
20. Apparent construction **Metallic**
21. Exhaust trails
22. Weather conditions
23. Effect on clouds
24. Sketches or photographs
25. Manner of disappearance
26. Remarks: **No further investigation being made by this office due to fact only one person witnessed phenomena**

232

## INCIDENT SUMMARY SHEET

Incident No. 233

1. Date and Time of Observation: 1 Jan 1949 1700
2. Where Sighted: 2 miles east of Jackson, Mississippi
3. Observer's Position: from air at an altitude of about 1,800 ft  
(i. e., ground, air, control tower, etc.)
4. Name and Address of Observer: Mr & Mrs Tom Rush, 402 Mitchell Ave.,  
Jackson, Mississippi
5. Occupation and/or hobbies: Pilot employed by Dixie Air Service at Jackson,  
Mississippi. Ex AAF pilot
6. Attention Attracted by: something fly/ in front of them
7. Number of Object(s) Seen: 1
8. Size of Object(s): 60 ft long, 10 feet wide tapering to 4 ft
9. Color of Object(s): Dark blue or black
10. Shape (Sketch if Possible) cigar-shaped - not unlike sleeve target. (1st report  
mentioned short stubby wings)
11. Nature of Luminosity: N/S  
(directed beam of light?)
12. Altitude of Object: 1500 to 1600 feet, then a gradual climb  
(estimated)
13. Estimated Distance of Object from Observer: Crossed path of plane at  
500 feet; after turn it was as close as 1,200 feet from them
14. Estimated Speed of Object: Approx 200 MPH when first sighted, then  
accelerating to approximately 400 to 500 MPH
15. Time in Sight: 10 to 12 seconds
16. Tactics: Made 50° turn and increased speed as it headed southwest
17. Sound Made by Object(s): Similar to helicopter (1st report  
roar (2d report))
18. Direction of Flight of Object(s) West then southwest
19. Apparent Construction: Similar to tow target
20. Effect on Clouds: N/S
21. Exhaust Trail (Color of): none visible
22. Manner of Disappearance: ~~gradual~~ climbed toward Southwest & disappeared
23. Weather Conditions at Time of Sighting: Weather clear to southwest
24. Peculiarities Noted: As object made turn object appeared to have no wings.
25. Summary of Incident: (over)  
(See attached page)

~~SECRET~~~~SECRET~~

5-20300

~~SECRET~~

Incident: 233

Mr Tom Rush, a pilot with Dixie Air Service, Jackson, Mississippi, and his wife (private pilot), sighted an unidentified aerial object 2 miles east of Jackson, Mississippi, at 1700 C, 1 Jan '49 while coming in for a landing at the Dixie Airport. Object was first described as being cigar-shaped with short stubby wings resembling a rocket. (Second report states there were no wings) Mr Rush specifically states in a signed letter "as the object made its turn, it was then that I noticed the object didn't have wings." Object was first thought to be a large tow target about 60 feet long and about 10 feet in diameter at one end and about 4 ft at the trailing end. The tail even fluttered like a target but there was nothing towing it and the object moved at greater speed than tow targets. When the object crossed in front of the plane Rush estimated the speed to be about 200 MPH and stated that the object crossed some 500 feet in front of them. After the turn, the object was within 1,200 feet of the plane. Mr Rush attempted to point out the object to the pilot but the pilot did not understand and apparently did not see the object. As the object turned to the southwest it accelerated its speed and flew out of sight. Object seen for some 10 to 12 seconds. Color was dark blue or black. Speed at first sighting - 200 miles per hour, later thought to have accelerated to between 400 to 600 mph.

Object was sighted by the above persons who were passengers in a Stinson civilian aircraft. No photographs were taken since a camera was not available. The Stinson was flying at about 1,800 feet. Investigation of flight schedules of adjacent airfields could throw no light on the incident.

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5-26300

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G.I. INVESTIGATION

UNIDENTIFIED AERIAL OBJECTS

Incident No. \_\_\_\_\_

1. Date of Observation \_\_\_\_\_ Date of Interview \_\_\_\_\_
2. Exact time of observation (local) \_\_\_\_\_
3. Place of Observation :  
(Map Coordinates)
4. Position of observer (air, car, bldg, location of - give details:
5. What attracted attention to object:
6. Number of objects and sketch of formation or grouping:
7. Apparent size (compare to known object, i. e., sun, moon, thumb or fist at arms length):
8. Color of object:
9. Shape (give graphic description - compare with known object):
10. Altitude (Angle of elevation above horizon -  $0^{\circ}$  at horizon,  $90^{\circ}$  overhead):
11. Direction from observer (Angle clockwise from North):
12. Distance from observer (Distance to town, bldg, etc., over which object appeared to be):
13. Direction of flight of object (s):
14. Time in sight:
15. Speed (time to cover given angular distance):
16. Sound and odor:

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5-20300

RESTRICTED

Incident No. \_\_\_\_\_

17. Trail (color, length, width, persistence, etc.)
  
18. Luminosity (visible by reflection, incandescence, other - degree of brilliance):
  
19. Projections (fins, wings, rods, antennae, canopies, etc.):
  
20. Maneuvers (turns, climbs, dives, etc - sketch of flight path):
  
21. Manner of disappearance:
  
22. Effect on clouds:
  
23. Additional information concerning object:
  
24. Weather conditions and light at time of sighting:

Name and address of observer:

Occupation and hobbies:

Comments of Interrogator relative to intelligence and character of observer  
(Check neighbors, police dept., FBI records, employer, etc.):

Did observer wear glasses, especially polaroid glasses at time of sighting,  
or was object viewed through canopy, window, or other transparent material?

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5-20300

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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:
  - b. Did target execute any turns? If so, what angle (180°), 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 airborne, 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:
2. Winds aloft report:

RESTRICTED

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Incident No. \_\_\_\_\_

Page 4  
Guide to Investigation

3. Local flight schedules of commercial, private and military aircraft flying in vicinity at the time:  
(Check Canadian activity if close to border)
  
4. Possible releases of testing devices in vicinity sent aloft by Ordnance Navy, Air Force, Army, Weather Units, Research Organizations or any other:
  
5. If object contacted earth, obtain soil samples within and without depression or spot where object landed for purposes of making comparison of soils.
  
6. Obtain photographs (or original negatives) where available; if not, secure sketches of:
  - 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.

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5-22300



Mar 16 1950

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