

Incident #207

2
ATTC NO. _____

DATE OF INFO 18 Nov 48

AF NO. _____

LOCATION Andrews AFB, Md.

REPORT HQ. _____

SOURCE AF Reserve Officers

DATE OF REPORT _____

DATE IN TO ATTC _____

TIME OF OBSERVATION 2145 EST

COLOR Glowing White Light

SHAPE Oval

SPEED _____

Varied 1700', 1800'

HEIGHT _____

ALTIMETER _____

COURSE Orbitted Based

LENGTH OF TIME OBSERVED 15-18 Minutes

NO. IN GROUP 1

TYPE OF OBSERVATION Ground and Aerial

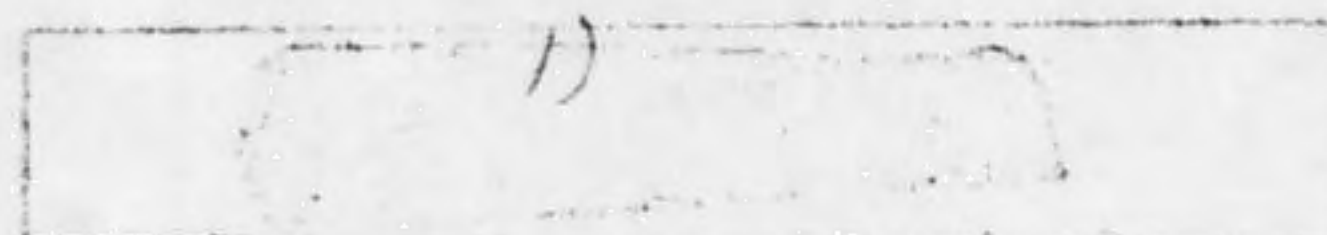
REMARKS _____

MANEUVERING Evasive tactics-could climb vertically then would drop ! Behind and continue to circle the field.

PHOTO _____

SKETCHES _____

Temporary ATTC Form 329
(2 Jan 52)



Prob. Balloon

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 8,000 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: ~~Having no tail surfaces~~ 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)

Statement of S/Sgt John J. Kushner corroborates account of 2d Lt Kenwood W. Jackson and 2d Lt Henry G. Combs. Sgt Kushner 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.

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 W. Jackson, 2d Lt, AFRes. AO-944113

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

At approximately 2200 hours Lt Henry G. Combs sighted an object flying on a 360°/pattern 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.

1. Date of Observation 18 Nov 48 Date of Interview _____
2. Exact time (local) 2200 Hrs.
3. Place of Observation NW Corner Andrews AF Base, Maryland.
4. Position of observer Air
5. What attracted attention to object 3 -
6. Number of objects [redacted]
7. Apparent size [redacted]
8. Color of object [redacted]
9. Shape [redacted]
10. Altitude [redacted]
11. Direction from observer [redacted]
12. Distance from observer [redacted]
13. Direction of flight of object(s) [redacted]
14. Time in sight [redacted]
15. Speed [redacted]
16. Sound and/or odor [redacted]
17. Trail [redacted]
18. Luminosity [redacted]
19. Projections [redacted]
20. Maneuvers [redacted]
21. Manner of disappearance [redacted]
22. Effect on clouds [redacted]
23. Additional information concerning object [redacted]
24. Weather conditions [redacted]

(over)

UNCLASSIFIED

MCIAAC-3

MCIAAC-3/HAS/aj
12/10/48

SUBJECT: Project "Sign"

TO: Commanding Officer
2233rd Air Force Reserve Training Center
Washington 20, D. C.
ATTN: Base Intelligence Office

1. Reference is made to letter your Headquarters, AFH AF A, no date, subject, "Flying Discs".
2. This Command is engaged in an investigation of all reported sightings of unidentified aerial objects and is authorized direct communication with Air Defense Command Units by Department of the Army letter dated 25 March 1948.
3. It is requested that your office investigate further the incident reported in paragraph 1, referenced letter. It is desired that information as outlined in the inclosed Essential Elements of Information check list be provided and particularly that data listed in the General Section of this form.
4. Personnel should be advised to avoid publicity in this matter. All information should be considered confidential.
5. This letter confirms telephone conversation between Captain Ogusty, your Headquarters, and Captain Snelder, this Command, 1 December 1948.

FOR THE COMMANDING GENERAL:

1 Incl
RFI Form

A. M. McCoy
Colonel, USAF
Chief, Intelligence Department

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15
DOWNGRADED AT 5 YEAR INTERVAL
DECLASSIFIED AFTER 10 YEARS
DOD DIR 5200.10

SECRET

~~CONFIDENTIAL~~

UNCLASSIFIED

R7C

NFO/jcg

HEADQUARTERS
2238TH AF RESERVE TRAINING CENTER
ANDREWS AIR FORCE BASE
WASHINGTON 20, D. C.

G

SUBJECT: Project 'Sign'

TO: Commanding General
Air Material Command
Wright-Patterson AF Base
Dayton, Ohio
ATTN: Chief, Intelligent Dept.

In compliance with letter your headquarters, subject as above,
dated 13 Dec 1948, the attached information is forwarded.

FOR THE COMMANDING OFFICER:

MICHAEL F. OGNIETY
Capt, USAF
Adjutant.

1 Incl:
Completed FBI Form

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DECLASSIFIED AT 15 YEARS
DDP 010 00010

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PROJECT 'Sign'

Encounter Report: Andrews AF Base, 18 November 1948

1. 18 November 1948
2. 2200 hours
3. b. (1) T-6, 150, 1700 to 7500 ft Alt., 90 deg to 270 deg. circular pattern
(2) East of Washington, D. C., directly over Camp Springs, Md.
(3) Various, Aircraft in contact (visual) for approx. 10 to 15 minutes
(4) 38 deg 49 min, North; 76 deg 47 min 30 sec West
4. One (1)
5. a. Approx. same level within 300 to 400 feet
b. Various
c. 1700 to 7500 feet Altitude
6. Ten (10) to twelve (12) minutes
7. a. Whitish gray
b. Oblong, ovate
c. Opaque
d. (1) Unknown
(2) Not accurately described but estimated to be smaller than T-6 type aircraft
8. Generally East to West in circular pattern
9. Capable of multi-directional flight, including almost vertical maneuverability highly evasive movement, and capable of high rates of acceleration
10. None
11. Not applicable
12. One (1) light of undetermined size

DOWNGRADED AT 2 YEAR INTERVALS;
DECLASSIFIED 12 YEARS.

FOR DECLASSIFICATION

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13. None observed
14. Not applicable
15. None observed
16. None observed
17. Range from 80 mph to estimated 600 mph
18. None ~~observed~~ observed
19. None observed
20. Not applicable

Report Relative to Observers:

1. Henry G. Combs, 2nd Lt USAFR AO-839 354

Glen L. Stalker, 2nd Lt USAFR AO-2 075 915

Kenneth W. Jackson, 2nd Lt USAFR AO-944 113

John J. Kushner, S/Sgt USAF AF-13 086 215

2. Addresses:

Combs - 4511 So. Capitol Street, Washington, D. C.

Stalker - 1737 K Street NW, Apt 203, Washington, D. C.

Jackson - 1326 28th Street SE, Washington, D. C.

Kushner - 2238th AFRC, Andrews AF Base, Washington, D. C.

3. Occupations:

Combs - Construction Foreman

Stalker - Realty Salesman

Jackson - Telephone Cableman

Kushner - USAF aircraft crewchief

4. Place of Business:

Combs - Not known

Stalker - Drury Realty Corporation

Jackson - Chesapeake & Potomac Telephone Company

Kushner - Airman, USAF

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

UNCLASSIFIED

Name and address of observer: Glen L. Stalker 2nd Lt. USAFR
1737 K St. NW Apt. 203 Washington, D.C.
Occupation and hobbies: Pilot-Realty Salesman.

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

NARRATIVE SUMMARY:

Dr HYNEK'S EVALUATIONS EXTRACTED FROM PROJECT GRUDGE REPORT.

INCIDENT INDEX

1. Astronomical

a. High probability:

#26, 27, 30, 31, 32, 33, 34, 48, 49, 59, 60, 66, 69, 70, 94,
95, 96, 97, 98, 101, 102, 103, 104, 116, 119, 132, 136, 140,
147, 148, 158, 174, 184, 185, 187, 197, 203, 204, 208, 216,
219, 238.

b. Fair or low probability:

#19, 20, 23, 24, 28, 35, 36, 46, 50, 63, 67, 80, 82, 93, 100,
112, 120, 121, 129, 130, 144, 153, 163, 166, 167, 175, 192,
199, 202, 205, 220, 230, 240.

2. Non-astronomical but suggestive of other explanations

a. Balloons or ordinary aircraft:

#3, 11, 22, 41, 42, 53, 54, 73, 81, 83, 91, 92, 113, 114, 115,
126, 131, 138, 141, 145, 155, 156, 157, 159, 160, 161, 163,
169, 171, 173, 178, 180, 182, 188, 190, 194, 195, 196, 198,
200, 201, 209, 210, 217, 222, 235, 237, 239.

b. Rockets, flares or falling bodies:

#4, 5, 6, 7, 8, 9, 12, 13, 14, 15, 16, 25, 56, 65, 78, 106, 107,
108, 109, 133, 170, 211, 218.

c. Miscellaneous (reflections, auroral streamers, birds, etc.):

#39, 89, 123, 124, 128, 146, 164, 181, 189, 214, 221, 231, 234.

3. Non-astronomical, with no explanation evident

a. Lack of evidence precludes explanation:

#38, 44, 45, 47, 55, 57, 72, 86, 87, 88, 90, 99, 110, 117, 118,
125, 127, 137, 139, 149, 150, 177, 179, 191, 206, 212, 213,
229, 232, 233.

b. Evidence offered suggests no explanation:

#1, 2, 10, 17, 21, 29, 37, 40, 51, 52, 58, 61, 62, 64, 68, 71,
75, 76, 77, 79, 84, 105, 111, 122, 135, 151, 152, 154, 162,
168, 172, 176, 183, 186, 193, 207, 215, 223, 224, 225, 226,
227, 236, 241, 242, 243, 244, 134.

5. Usual hobbies, such as sports, modeling, and interest in aviation, were admitted by all observers.
6. Since all personnel listed as observers of object in question have had experience as crew members or pilots of aircraft within the last five years or more, ability to estimate speed and distances in relation to airborne objects is considered above normal.
7. Reliability: Source, AG Records and available 201 Reserve Personnel and other Files.

Through investigation of current and available military records of subject observers, reliability is considered good since no unfavorable comments, entries, etc were revealed.

8. Object was sighted from airborne aircraft in immediate traffic pattern by three observers, all pilots. One observer sighted object from the ground. Attention was drawn to object by airborne observers through attraction of lone moving lighted object. Ground observer states that sound attracted attention.
9. None
10. All observers of object in question are considered to be of average or better intelligence. None of the observers demonstrated any particular inclination to distort or exaggerate the incident, but rather were puzzled as to the fantastic picture that oral statements presented in written form. It is believed that sound reported by ground observer can be attributed to sound created by diving T-6 aircraft, as indicated by action of other observers. Each observer was convinced that what he saw or heard was the truth as far as he was concerned. From all available information, no reason can be determined on which to base any question as to the intelligence and character of personnel concerned.

Report Relative to Radar Sightings:

1. Not applicable
2. Not applicable

General Information:

1. See attachment # 1
2. See attachment # 2
3. Due to heavy aircraft traffic in Washington D. C. area not possible to obtain such information.
4. None reported
5. Not applicable
6. Equipment not available to enable procuring of required data
7. Not available

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DECLASSIFIED AFTER 12 YEARS
GPO: 1964 O-200-10

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8. Statements forwarded with original report.
9. Not applicable

MICHAEL F. OGNIETY
Captain, USAF
Unit Intelligence O.

DOWNGRADED AT 5 YEAR INTERVALS;
DECLASSIFIED AFTER 12 YEARS
DOD DIR 5200.10

UNCLASSIFIED

12-728

2100E

AWUS 9891-3 198230Z
 WRI 06F 271/40/40C/032
 RME -0/10 254/34/30C/026/RAREP PPINR
 EGR 015 237/39/29-4/022/RAREP PPINR
 NMT 015 254/40/2716/027/ / / / 9/
 BED 015 261/43/36-8/028
 CEE 08 271/36/32110/032/99361 99124 99461 99651
 SWF 015 251/43/39/10/025
 NEM 08H 261/41/40C/035/RAREP PPINE/99511 99321 99224 99124 99134
 99311 99511
 RDG 012 254/45/34-10/029
 MDT 08 261/46/40-3/017/RAREP PPINE/99431
 BDF 012 247/50/42-7/026/ RAREP PPINE/99631 60548 60448
 60415
 ADW 010 254/49/41-6/027/RAREP PPINE/99621 99990 80510
 ADW 010 266/42/42-3/031
 GRP -0/4HK 193/52/38-15/008/RAREP PPINE
 LKN 017 149/54/44-10/995
 NTC -0/15 166/46/42-12/004/RAREP PPINE/99645 60610 30351 25438
 CZI M5207 112/55/46-17/984/15511 10538
 RAN W1206H 083/55/50-20/976/RAREP PPINO/ 10618 65368 CHNL DOG INOPV
 BLV 06 W1104R- 051/58/57-10/968/CIG VRBL 9-13/25318
 FFO 015HK 129/46/M-3/992/RARAP PPINE/12338 28120 00048
 ILN 016 235/53/46-10/992/RAREP PPINE /25548
 FTK P8X4RHK 095/55/55-12/981
 LFI 08 246/57/52-8/026/RAREP PPINR/99621 99591 99711
 FTE E3007 220/61/4-3/017/RAREP PPINR
 SSC E2809 203/65/60-4/012/RAREP PPINO/ / / / 9/
 GRE 05 M2107L QIYXTUXTTJQPKPPIXQTYQY QPYEY

WRB E50010 152/71/6----- 2/998
 LSF 012 E900/010 135/72/6618/993/99810 / / / 2/ 40918 RARAU 335KCS
 MYF FINO
 SE E-5 751025012 095/70/67-15/981/RAREP LINE - 15MI N MOVG ↑ 38MPH
 DIAMETER 40MI 16MI WIDE BRGS 287DEG 15MI 068DEG 15MI
 RAD 015 047/60/45-18/966/RAREP SCTD 140 SENMOVG → 30
 DIAMETER 40MI/99990 99930 ILSNO OUTNO BONNO
 BIX W120 4H 078/72/72-20/976/SCUD E 4 HND
 PAM 01209 129/74/68-16/990/ / / / 9/
 BFM E80/07 688UEXUPALWRXOUIXPYREI PTWEO PTYQI PTWEO PTWEO
 UPS W508 122/72/71-22/989/05358 03129
 MCF 0145012 166/76/69-12/001/ / / / 9/ 99930

HTT
 ORL 012 169/76/71-7/003/99044

GE 07 E2207 149/63/61-5/997/10518

Attachment #1

AMUC 9891-3 198332Z
WRI 03 01/16GF 271/38/38/032/301
RME -0/12 254/33/290/228 01 0069/2
BGR 015 244/41/32-10/224/324
MHT 0/18 257/38/3117/223/ 306 0059/2/ 1/19/
RED 015 254/39/29-6/029/ 305
CEE 08 271/37/320/032/ 301/99351 99124 99461099551
SWF 015 251/40/350/025/ 132
HEM S1 03GF 271/39/390/032/ 902/99224 99114 99154 99321 99521
RDG 08 264/44/35-5/029/ 300
MDT 08 264/45/410/026/ 424/99491
BOF 012 247/49/43-8-526/ -9/99021 68--/8422- 12/01 ----
* ADW 015 254/46/421-6/027/ 101/99611 99990 80921
ADN 080258/42/400/031/0P IN LOW PLACES/ 102
GRP -0/4HK 193/52/37-16/008/ 172 0069/2
LKN 0/7 146/56/45-12/994/ 607 150522
MTC -0/15 160/46/42-15/032/ 807 110952/9963/ 60610 30351 25448
CZI M2705K 105/55/46-14/982/ 615 5039/10538
RAN W100SH 081/55/52-20/975/ 803 5003/00328 05308 CHNL DOG INOPV
VTUGLV 07 W604R- 051/59/58-12/968/ 606 5005/15238
FTO 0/5HK 125/51/11-6/989/ 709 050922/12328 08128 00048
ILN 0/8 125/53/46-10/990/810 070922 /12498
FTK W603R-HK 095/55/55-12/981/204 5009
LFI 08 247/57/54-5/026/ 603
FTB M2507 213/63/53-4/016/ 903 5009
SSC E2009 200/63/58-4/011/ 903 5009/0/10
W7--03-0-
GRE W1504R- 180/55/55-10/006/ 807 5009/10336 08326
WRB E50010 152/71/67-10/998/ 902 5004
LSF 0/25010 125/72/66-10/990/ 803 570922/508/8 20618 15618 RARAU 335KCS
MXF S13 E220/07 112/72/66-11/986/INTMT R- RAREP PPINR/ 903 570922/10638
08359
SEM E8025012 088/71/67-20/979/RAREP SLD 10MI NNE MOVG 1/ 45MPH
DIAMETER 8MI/ 807 5739
BAD 0/15 061/58/47-13/970/RAREP PPINE/ 319 030622/99990 99930
ILSNO OUTNO BONNO
BIK S10 E150/-06H 075/72/72-21/975/ 603 530902
PAM 0/10 125/74/69-15/989/ 905 041902/ 1/19/
EFM S17 -0/807 088/73/72-24/978/ 806 840922/06428 05239 05618 05229 20943
VPS W80/06 119/73/71-20/988/RAREP PPINE/ 906 570422/05348 03129
MCF 0/45012 166/76/69-10/001/RAREP PPINE/ 603 570422/ 1/19/ 99930
CRL 0/50010 169/74/71-7/003/ 102 230922/99034
GEE E10006L- 149/62/61-8/997/E300/ 806 5004/06448 VIA GRE
TRF 07 0/5508 146/72/68-18E/995/ 904 570952

AWUC 9891-3 190430Z
WRI C1/16GF 274/33/330/337
RME -C/12 254/32/280/325
BGR 81015 247/39/33-76/025
MHT C/10 264/34/3216/333/ /KOK
BED -C/15 268/39/29-2/033
CEE C6 268/35/320/032/99341 99124 99461 99651
SWF C15 251/36/330/025/RAFRZ 108MSL RH 26
HEM C3GF 271/38/380/032/99214 99114 99154 99321 99521 99511
RDG C6HK 264/38/340/029/WND LGT AND VRBL
MDT C6 264/43/280/026/99381

BOF C12 244/49/440/025/99661 99331 99631
* ADW C6 247/45/39-5/025/99621 99990 83921 50618

ADN C7 268/46/40-4/031/7GF IN LOW PLACES

GRP -C/4HK 198/52/37-12/008

LKN C/7 119/57/45-18/993/BINOVC

MTC -C/12 176/47/42-12/002/99930 60650 30448

CZI E2605K 098/54/47-13/980/10528

RAN 57 W606H 078/56/53-20/974/OCNL SPKL/ 18318 05368 CHNL DOG INOPV

BLV 59 M605R- 027/59/57-24/960/R- INTMT PRESFR/10368

FFO C/5HK 119/55/M1-11/986/12328 08128 08048

ILN C/8 125/54/46-8/990/

FTK W703RH 088/53/53-17/97

LFI C9 240/57/54-8/025

FTB

SSC

MIN

IWV WOPYLQXTWJTXPQT

SSC E200/08 196/62/60-4/010/ / / / 9/

GRE 7 M1206L- 180/56/55-10/006/10326 08326

WRB E50010 149/70/67-10/997

LSF C/10 125/71/6719/990/50858 20613 15618 RARAU 335KCS

MXF E200/07 108/71/66-8/985/10628 08379

SEM E80020-C12 085/71/61-20-/978/G24 RAREP LINE 15MI SSW MOVG 17 60MPH

BRGS 194DEG 15MI 213DEG 15MI LINE 27MI SSW MOVG 17 60MPH DIAMETER

17MI WIDTH 7MI BRGS 192DEG 22MI 215DEG 33MI

BAD C/15 064/54/37-18+/971/RAFRZ 125MSL RH30 RAREP PPINE

G 30 MPH/99953 99973 ILSNO OUTNO BONNO

BIX E120/06H 075/72/721-22/975/RAREP PPINE

PAM C/8 122/73/691-18/ / / / 9/

BFM A150/07 068/73/701-33/973/05449 05618 05229 20943 40913

VPS W60/08 115/73/701-22/987/05348 05129

MCF C/45012 159/75/70-13/999/ / / / 9/ 99930

ORL C/31010 169/74/71-9/073/99124

GRE

HSE M1205L- 142/62/61-4/995/06430 VIA GRE

TRF C/1700 146/73/66-8/995

23

PEUC1 9890-1-3-4 192015Z

MCC 21 01506 1810 21815 1511 40709 3510 63414 3411 83412 3413 03612

20925 43521 63218 83320 03040 22849 RAWIN 42860 62770 82958 03656

TSI 21 3613 63618 83509 0707 00410 20110 43016 62922 82942 02845

52848 02870 SENT AS RECEIVED

MUF 21 01235 1229 41121 7818 60718 0517 80420 0220 03610 23415 43417

63325 63430 63342 23445 43350 63352 83451 03353 23474 43377 63386 83357

LGB 21 RAWIN 00820 0622 20823 0719 40512 2309 60228 7209 80210

1112 03417 23322 43428 63531 83431 03444 23347 43349 63346 83252 03348

23361 43379 63456 83260 03135

TUS 21 RAWIN 00810 0810 40811 0711 606P PEQQ IPEQE PWQO PPQEW WERYT REEYQ

63374 83470 03374 23282 43281 63290 83398 03392 23381 43390 63387 83380

HIF 21 03607 3607 63305 2804 81505 3606 03609 2300

ALM 21 RAWIN 01218 3115 63117 3118 83216 3315 03415 3411 23212

3011 43014 63421 83418 03120 23296 48206 63388 83392 08336 23339

LRY 21 RAWIN RAW1

FVN 21 RAWIN 02722 2625 22832 2836 42833 02734 62845 2551 82558 2368

02476

FLV 59 RAWIN RAO

LRY

EAR 21 RAWIN 03635 3650 40255 0353 60353 0555 80837 0926 00922 20815

40722 60819 80930 00827 20717 40720 60817 81411 61918 21811 41710

61711

BLV 21 PIBAL PICO

RAN 21 RAWIN 01112 1415 21726 1831 41833 1935 62033 2125

82124 22206 02027 22332 42334 62334 82242 92252 22255 42263

62268 82285 02264 27212 47207 62251 87400 02473

ILN 21 RAWIN 01608 11715 1918 41922 1925 61927 1929 82032 2135 02138

22EI RWQEO YWQEU IWWYP PWUWU WWWIR RWWOP YUWUP IUWEN PUWRP WUWUP

WTC 22 RAWIN 01502 1310 21230 1429 41429 1629 61922 2020 82022 2127

02233 22346 42351 62356 82360 02454 22655 42537 62257 87405 07402

27453 47465 67483 87480

GRP 21 BYQP WQEP1 QEP0 RQRQP QRQQ YQCQT QUQT IQOWP WQWP

02023 22149 42380 62662

RME 21 RAWIN 02708 2710 22712 2817 42831 2936 62840 2941 82842 2743

02747 22667 042680 62795 82894 02790

EGR 21 PIBAL 02708 2915 23024 3029 43035 3040 63045 3055 83175 3194

08113 23296 43264 68124 88111 03193 23175 48108 68142

SWF 21 RAWIN 02310 2411 22613 2715 42816 2815 62818 2821 82725 2730

02747 22652 42750 62760 82767 02785 22780 42762 62798 87710 02780

22780 42680 62780 82790

HEM 21 PIBAL 00000 0000 20000 2713 42810 2819 62720 2624 82627 2627

ADW 21 PIBAL 01406 1408 22511 1915 42019 1920 61920 1922

82021 2120 02328 22428 42437 62444 82444 02042 22551 42551

62656 82657 02667 22679 42664 62660 82775 02773 52698

AB 21 RAWIN 01208 13R WQRQE QTQR RQYQI QIWP YWPWW WQVT IWPWU WPWY

02024 22120 42133 62133 82029 02032 22243 42326 62471 82654 02547

22646 42646 62647 83140 02680 52865 02717 52819

VPS 21 RAWIN 01518 1518 21527 1531 41634 1733 61832 1831 IQOER QOEY P

21954 41833 62043 82245 01257 22251 42448 62537 82539 72373 22484 //

82659 82659 02770 52459

INF 21 RAWIN 01112 1424 21526 1633 41336 1939 61944 1935 82035 2133

02034 22133 42133 62239 82239 42353 22351 42458 62494 82553 02466

22552 42454 62455 82437 02445

SAD 21 RAWIN 02010 2016 22327 2328 42338 2349 62359 2358 82252 2251

02257 22272 42272 67215 87235

ORL 21 PIBAL 00907 1220 21420 1418 41614 1517 61608 1617 81516 1518

21808 42119 62216 82323 02316

PPUS: 9890-1-34 1306151
MCC 03 03610 3428 23425 3434 43437 3332 63323 RAWIN 0226 80440 3436
03344 23366 43354 63258 83274 03286 23266 43276 63186 83284 03386 23184
TSI 03 01111 3410 23414 3413 3613 0220 63622 3526 83429 3532 03441
23340 43345 63252 83152 03258
MUF PIFI
LGR 03 RAWIN 02910 3420 23327 3223 43124 3228 63336 3443 83349 3343 03344
23356 43369 63372 83364 03380

TUS 03 RAWIN 03106 3108 43013 2824 62831 2836 83039 3140 03142 23053
43057 63068 83182 03177 23186 43181 63278 83282 03291 23298 47103
67112 83185 03188 53097
HIF 03 RAWIN 03609 3609 63407 3309 83309 3307 03307 23310 43309
63310 83107
ALM 03 RAWIN PII0
FWH 03 RAWIN 01410 1725 21949 OTW 42147 224 62242 2249 82253 2250 02248
22060 42058 62297 82267 02268 22294 42298
FLV 03 RAWIN 01610 21633 1849 41953 2057 62156 2333 82424 2336 02355
22245 42160 62164 82185 02176 22187 47100
EAR 03 RAWIN 03624 0230 40332 0421 60713 1203 82503 2610 02612 2222
42231 62424 82338 02344 22260 42265 62284 87300 07300 27312 47317
87301 82386 07303

BLV 03 PIPAL 01515 1730 21753 1860 41953 2046 62148 2240 82236 2341 02345
22549 42747 62738 82849 02845
RAN 04 RAWIN 01610 1711 21824 1823 41827 1929 62028 2228 82328
2428 02532 22638 42645 62539 82648 02646 22651 42655 62657 82655
02661 22660 42758 62659 82679 02683
SLCRTCEAWIN 01307 21713 1911 42207 2308 62714 2921 82723 2730 02733
22655 42655 62647 92684 0268 27720 42886 62899
MTC 03 RAWIN 02510 2516 22520 2617 42717 2821 62926 2929 82936 2840
02742 22755 42556 62866 82885 02792 27807 47812 67737 87737
GRP 02 02210 22219 2419 42422 2525 62537 2735 82842 2845 02852
RME 03 RAWIN 02703 2719 22751 2758 42760 2750 62742 2763 82794

BGR 03 PIFO
SWF 03 RAWIN 02712 2825 22830 2935 43040 3145 63050 3052 83052 2945
02843 22870 42883 67803 87807 07810 27808 42880
HEM 03 PIPAL 02908 2616 22422 2329 42427 2527 62628 2729
ADW 03 PIPAL 02906 3023 23122 3116 43107 3411 63314 3214

WIND0000 3439 13-30 3015 42916 2519 62125 21-1 2135 2249 02350
228-1 43512 13606 82700 02301 22334 45556 6311- 83510 03520 20117 42745
02745 82738 027-9 52130
MGE 03 PIFO
MXF 03 RAWIN 00410 1110 21708 1908 42011 1913 61812 1811 80810 1809 02008
22313 42310 61311 81310 22026 22904 43210 63217 82734 02838 22942 42746
62646 82649 02744 52626
EAD 03 RAWIN 01678 1527-21736 1839 41837 2037 62042 1948 81844 0839
72037 22128 42229 62-30 82-45 02440 22443 42451 12466 22465 02555
22561 42570 12413 82495 87051 50355
ORL 03 PIPAL00000 3249 23208 2075 42207 1107 62406
02072 RAWIN 00072 1407 21608 1709 41701 1870 61712 0006 82405 27240 42108

TOE QPH 9890

LRV QPH 9894

PPUS: 9890-1-3-4 181215Z

MGO QS RAWIN 03412 3423 23626 3624 43512 3618 60120 3626 83534 3434

03440 23434 43450 63550 83552 03250 23248 47777 63450 83374

TSI QS RAWIN RAFI

MUF PIFI

LGB QS RAWIN 00000 0000 20707 0608 40410 0111 63511 3508 83518 0135

03644 23444 43350 63340 83342 03242 23250 43249 63259 83259

TUS QS RAWIN 03105 3107 43114 3121 63128 3135 83136 3142 03150 23059

42971 62980 88102 03190 23192 48210 68234 88330 08312 28232 48110 68123

88226 08217

HIF QS 03608 3608 63608 3616 83618 3520 03419

WSD QS RAWIN 00000 3418 63423 3323 83225 2934 02948 22763 42872 62849

82950 02865 22785 47805 67929 87922 07913 27902

LRVQS RAWIN RAWI

FWH QS RAWIN 01607 1717 22040 2047 42147 2345 62344 2347 82453

2556 02362 22376 42384

FLV QS RAWIN 01606 21530 1848 41955 2051 62144 2132 82017 1511

01313 21626 41743 61763 81867 01884 21882 41990 61993 81990 06907

LRV

EAR QS RAWIN RAIO

BLV QS 01312 1520 21943 2058 2155 62152 2253 82254 2256

02257

RAN 12 RAWIN 01214 1318 21338 1825 42027 2131 62133 2133 82232

2235 02237 22338 42338 62342 82440 02440 24447 42446 62450 82560

02578 22577 42672 62672 82679 02586 52593 02470

ILN QS RAWIN 00908 21617 1722 41825 1827 61924 2219 82218 2420 02524

22627 42540 62642 82655 02547 22568 42699 62692 87601 07603 22751

GRP 11 01003 21012 1506 41813 1918 62023 2223 82226 2233 02530

RME QS RAWIN 00903 2108 22820 2828 42933 2945 62954 2964 83075

2077 02981 22795 42735 62890

PGR QS PICO

SWF 10 RAWIN 02914 3015 23017 3124 43122 3131 63065 3152 82950 2950

02978 22308

HEM QS PIBAL 02908 2729 23145 3051 42828 2724 62731 2732 82832

2632 02754

ADW QS PIBAL 03406 3609 23406 3008 42611 2712 62608 2609

WRB QS 041280 08000 1110 21409 1815 42003 2019 62022 1817 81815 1815

2113 21813 41916 62011 82216 02017 21313-42018 62016 82115 02409

22410 42318 62440 824-4 02426

KEREPERAPIFO

NKHMGE JPO GIIFO

KEREPEGSIIFO

GRE

MGE QS PIFO

VPS V09 RAWIN 01408 1513 21814 1915 42116 2320 62425 2421 82217 2117

LWOM

MXF QS 041280 00000 0010 21725 1825 41919 2017 62116 2020 81925 1825

01924 8

425-V 02347 02350 02345

BAD 15 RAWIN 01808 1927 41940 2842 421 6 215 62267 4350 8226

2114 02130 22239 421 2 62060 81059 02064 22074 42084 62052 82080

02069 22062 42373 62299 82298 02283 57315

ORL LPO VPIFO

MCF QS RAW N 00908 1705 21936 2206 41608 1609 61609 1608 81910 2112

82408 22306 41916 62314 82400 02412 22534 42442 +254+ 82544 02540

DWA

PBUS: 9890-1-3-4 181815Z

NCC 15 00404 3620 23527 3528 43422 3414 63618 0210 83115 3522 00131 23639

43235 63132 83143 RAWIN 03148 23154 43154 63152 83158 03274

TSI 15 RAWIN 00610 3612 43612 0114 63619 3523 80125 0135 03634 23500

43231 63235 83240 03135

MUF PIFI

HIF 15 RAWIN 00712 0712 60406 0307 80211 0214 00123 20235 40143 63660

83554 03698 23609 08635

WSD15 10159

LRY 16 RAWIN RAWI

015MGAWIN 02410 2720 22726 2828 4282 WREW YWREI WRRT IWETP WETW

02350 22062 42166 62182 82256 02260 22280 42295

FLV 15 RAWIN 01006 21225 1640 41844 1834 61731 1725 61738 1846 01936 21841

41855 61864 81864 01868 21858 41878 67805

LRY

EAR 15 RAWIN 03603 3642 40152 0251 60551 0648 2640 80734 0930

01028 21318 41722 61534 81630 21620 21514 41207 61415 81834 01523

21959 41065 61945 82039 01737 51833 02125

RAN 16 RAWIN 01116 1317 21926 1933 41935 1836 61836 1934 81835 1843

01954 22035 42047 62048 82050 02258 22264 42266 62190 82385 07225

27210 47210

BO JZW AAMRAWIN 00908-21613 2017 00JAKBWPWP YWY00 W216 82216 2218 02119

22326 42536 62443 82460 02474 153-58062499 67402 87433

MTC 15 RAWIN 01503 1507 21010 1810 42112 2215 62320 2323

82322 2525 02528 22540 42562 62671 82668 02672 22677 42681

67624 87646

GRP 15 DLAD

RME 15 RAWIN 00000 0000 22828 2841 42847 2854 62856

BGR 15 PIBAL 02715 1910 23011 3018 43024 3034 63040 3167 83104 3195

03170 23055 48004 68040 88038

SWF 15 RAWIN 02712 2813 23116 3126 43130 3028 62928 2832 82836

0840 02945 22850 42775 62883 87800 07813 27833 47822 67835

HEM 15 PIBAL DLAD

ADW 15 PIBAL 01603 1005 20906 1507 42010 2316 62413 2320 82417

2417 02415 22517 42634 62446 82650 02656 22653 42752 12772 82770

02867 22984 42988 62996 82896 02896

WRB 15 RAWIN 03001 1011 21320 1424 41622 1819 61816 1913 82016 2019

01916 22225 42020 61821 81721 01624 22020 42020 62024 82024 02032

21925 42140 62343 82455 02540 52338 02250

KGRE EG

MGR 15 00605 21019 1624 41726 1727 61728 VIA GRE

VPS 15 RAWIN RAFI

MTF 15 RAWIN 00915 1320 21523 1514 1519 41916 2019 62121 2221 82219 2320

02519 22315 42230 62129 82124 02225 22126 62360 62356 82356 82370 02465

SAD 15 RAWIN 02110 1932 22341 2052 42058 2154 62145 2154

02253 2239 02234 22251 42242 62271 82272 02174

22199 47132

ORL 15 PIBAL 00904 1506 21510 1412 41120 1110 61206 1205

MCF 15 RAWIN 00907 1111 21313 1322 41418 1417 61534 1514 81412 1414 01516

21621 41910 62116 82415 02219 22526 42532 62532 82632 72-----

E

WAKC15152
WCC 15 00404 3620 23527 723 43422 3414 63618 210 315 3522 00131 23639
43235 63132 63143 RAWIN 145 23154 43154 63152 631 33074
TSI 15 RAWIN 20610 3612 43612 0114 63619 3523 80125 0135 03634 23500
43231 63235 33240 03135
WUF PIFI
WIT 15 RAWIN 00712 0712 60406 0007 80221 0214 00143 00235 40143 63660
33634 33698 23609 03635

W3015 10159

LRV 15 RAWIN RAWI
015MGAWIN 02410 2720 22726 2028 4262 WREW YWREI WRRT WETP WETW
02350 22062 4217-----59-10 15 RAWIN 01006
41055 61064 81064 01063 21858 41075 67805

LRV
EAR 15 RAWIN 03603 3642 40152 0251 60551 0646 0640 80734 0930
01023 21313 41722 61534 81630 01520 21514 41207 61415 01034 01523
21059 41965 61945 82039 01737 51833 02125

RAN 15 RAWIN 01116 1317 21926 1933 41935 1336 61836 1934 81835 1343
01954 22035 42047 62043 82050 02258 22264 42266 62190 82385 07225
27210 47210
STOP KN

WUTRAWIN 00903-21613 2017042069 2020 62619 2216 82216 2218 02119
22326 42336 62443 82460 02474 19-01-68-C.167402 87433
WTC 15 RAWIN 01503 1507 21010 1510 42112 2215 62320 2323
32322 2525 02528 22540 42562 62671 82668 02672 22677 42681
37624 87646

GRP 15 DLAD
RME 15 RAWIN 00002 0000 22828 2841 42847 2854 62856

BGR 15 PIDAL 02715 2910 23011 3018 43024 3034 63040 3147 83104 3195
03170 23055 43004 63040 83038
SWF 15 RAWIN 02712 2813 23116 3126 43130 3023 62923 2332 82836
2340 02945 22850 42775 62833 87800 07813 27833 47822 67835
HEM 15 PIDAL DLAD

ADW 15 PIDAL 01603 1005 20906 1507 42010 2316 62413 2320 82417
2417 02415 22517 42634 62446 82650 02656 22653 42752 62772 82770
02867 22934 42938 62996 82896 02896

WRS 15 RAWIN 03001 1011 21320 1424 41622 1819 61816 1913 82016 2019
01916 229

ADW C12 254/62/331-6/027/ 80500 38 / / / 99630

AK 210/63/391-12/013/ 812/99331 99411

WHT T WUPTEIFQINITS START OVER

VV

BGR 01015 176/51/29-20/004/30130 5007 40/ / / 9/
WHT C15 220/57/33-13/017/ 90500 34/ / / 9/
WTC C15 227/53/37-14/113/ 30330 36/0966/
WTC C1 227/57/33-9/022/ 90310 40/99770 99321 99121 99324 99161
WTC C15 232/60/47-25/019/ 60400 0045/2 35/ / / 0/
WTC C1 254/62/37-24/0300E/027/ 23300 0059/2 40/99631 99671
WTC C15 254/64/250/026/ 90200 0019/2 30/99910 99631
WTC C15 254/62/270/027/ 90400 0049/2 37/99591
WTC C9 257/62/4312/026/ 90600 28/ / / 9/
ADN C10 257/61/4718/028/ 90300 004982 32/ / / 9/
WTC C15 251/63/36-8/027/ 90500 38/ / / 9/ 99930
WTC C12 256/62/45-7/029/ 80400 38/99671 99431 99421

Incident No. 207 -- 18 Nov. 1948, 2200 Hours, Andrews Air Force Base, Maryland.

The pilot of a T-6 reported seeing an object over the base at 1700 feet. Object was an oblong ball with one light, no wings, no exhaust, in landing light of T-6. It had a dull gray glow and was thought to be smaller than the T-6. Pilot made passes and object evaded by going above aircraft. T-6 tried to close in very tight climbing turns, but object turned inside the aircraft. Object was lost after ten minutes at 7500 feet. Its speed seemed to vary between 80 MPH and 60 MPH.

AMC Opinion: That the object described was a synoptic balloon. Dr. Fitt's report shows that it is very difficult for the observer to separate target motion and his own motion even in daylight, and practically impossible to do so at night. This fact has been substantiated by the writer, who in controlled experiments attacked ordinary balloons with a T-6. In daylight, and with knowledge of what the object was and what it did, all the above described maneuvers were duplicated in appearance.

[REDACTED]

UNCLASSIFIED

[REDACTED]

Incident #207, a, b, c -- Andrews AF Base, Camp Springs, Maryland--
18 November 1948

[REDACTED]

There is no astronomical explanation for the object observed in this incident.

[REDACTED]

The similarity of the incident to #172 is striking, and it suggests a common origin for the objects. The two incidents were separated by a month and a half and by half a continent. The hours of observation were about the same. It may be significant that ground observers in each incident did not report the evasive tactics described by air observers, and it is tempting to hazard the guess that such tactics were largely the result of relative motion. It should be investigated whether a lighted balloon caught in the prop wash could give the appearance of a rapidly-maneuvering aircraft. In fact, this investigator believes that it would be an interesting experiment to have a typical lighted balloon engaged by aircraft at night, with a competent observer along to record apparent relative tactics of the balloon.

[REDACTED]

(It is not clear whether the two observers in this incident who reported evasive tactics were in the same plane, or not, but it is presumed that they were.)

[REDACTED]

UNCLASSIFIED

[REDACTED]

[REDACTED]

HEADQUARTERS
AIR WEATHER SERVICE
Andrews Air Force Base
Washington 25, D. C.

In Reply
Refer To: AFS DSS

11 May 1949

SUBJECT: Unidentified Flying Objects

TO : Commanding General
Air Materiel Command
Wright-Patterson Air Force Base
Dayton, Ohio
ATTN: MCIA XO-3

1. Reference is made to letter from your headquarters, MCIA XS, dated 9 March 1949, subject "Unidentified Flying Objects," and first indorsement thereto by this headquarters, dated 31 March 1949.

2. The incident summaries 173 through 233 have been checked against routine weather-balloon ascents made by the Air Force, Navy and Weather Bureau. Comments based on this review are inclosed.

3. It is recommended that the "Guide To Investigation Of Unidentified Aerial Objects" be changed as follows: Item 13, "Direction of Flight of Object," should be clarified so that vertical and horizontal motions are distinguished if possible, and so that motion is specified as the direction towards which the object appears to move. "Relative to Radar Settings" should include a statement of the type of radar set used.

FOR THE CHIEF, AIR WEATHER SERVICE

2 Encls:
1 - Incident Summaries
2 - Comments 173 thru 233

/s/ W. A. West
W. A. WEST
Lt. Col., USAF
Adjutant General

18 Nov

No. 207: Definitely not a weather balloon.

18 Nov 48

With 194 incidents thus eliminated, there remain thirty-four which contain some evidence but have no apparent ready explanation. This statement is true only under the assumption that the evidence is accepted as reliable and accurate. When psychological and physiological factors are taken into consideration, all of these incidents can be explained rationally, as pointed out by Rand Corporation and the Fitts of Air Materiel Command Aero-Medical Laboratory (see Appendix I and II).

Air Materiel Command Aero-Medical Laboratory (see Appendix I)
212 Incidents considered)

There are sufficient psychological explanations for the reports of unidentified flying objects to provide plausible explanations for reports not otherwise explainable. These errors in identifying real stimuli result chiefly from inability to estimate speed, distance, size.

All of the remaining 34 incidents are treated in detail in this report. These incidents form no pattern in regard to area of sighting, type of object, or manner of performance. There are indications, however, that some sightings were influenced by earlier reports, probably would not have been considered unusual or reported had there been no publicity.

APPENDIX I

Project Grudge

Summary of AMC Evaluation of Remaining Reports

VII. Summary of AMC Evaluation of Remaining Reports

The remaining unexplained incidents (see Appendix "I") exhibit a few common characteristics. Two of them, by statements of the reporters, could not have been made had the witnesses not read of the 1st. Similar incident (Incident No. 17). Most were distributed without pattern throughout the United States. A few were outside the U. S. No two descriptions of appearance or performance were exactly alike. The reported sightings occurred at various times of day and year.

APPENDIX I

In the following section of this report, each remaining unexplained incident is considered separately. It is not the intent to generally discredit the character of observers, but each case has undesirable elements, and must not be disregarded. The numerical designation is merely the case number of the incident in the project files.

1, 3, 17, 21, 29, 35, 37, 40, 51, 53, 62, 64, 68, 71, 75, 76, 77, 79, 84,
111, 122, 134, 135, 151, 152, 154, 162, 168, 176, 183, 186, 193, 207, 215, 236.

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

Incident 207-B

1. Date of Observation . . . 13 Nov 48
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. Kushner, S/Sgt USAF, 2238th AFRTG Andrews AF Base
6. Occupation and/or Hobbies . S/Sgt USAF, Crew Chief
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 2238th Eng 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 . . Night - moonlit - 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 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
4511 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 emanated 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)