1. DATE TIME GROUP 4 December 64 04/1250	2. LOCATION Baken Onegen		
3. SOURCE Civilian & Military 4. NUMBER OF OBJECTS	Baker, Oregon 10. CONCLUSION Visual (Astronomical - Stars/Planets) Radar (False Targets)		
One			
5. LENGTH OF OBSERVATION Two Hours	11. BRIEF SUMMARY AND ANALYSIS Object moving with morning star. Travelling East or SE.		
6. TYPE OF OBSERVATION (BX) Ground-Visual Gnd -Rada:	Observed through BX and surveyors scope. Observer on mountain looking down. Object disappeared by fading. Also radar returns		
7. COURSE Stationary	At time of initial report Astro bodies are in following positions: Jupiter setting in West, not visible during observations of stars/		
8. PHOTOS	Planets. Venus rising at 110 deg azimuth. Mars high in SE at 35 deg elevation. Spica 15 deg above Venus. Deneb at 5 deg elevation 005 deg azimuth. Vega at 5 deg elevation 030 deg azimuth		
9. PHYSICAL EVIDENCE	COMMENTS: Radar Evaluation as target anomalies since returns were weak and targets not clearly discernable on each scan. Reporting official indicated that the returns were possible due to false targets or sporadic noise. Correlation between visual objects and Radar report not established.		

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

Page 4 of 6

(THROUGHOUT REPORT, KNOWN AS OBSERVER 2)

MILITARY (CONT'T)

3. DONALD H. STINETT

821ST RADAR SQUADRON

BAKER, OREGON 97814

RELIABILITY - GOOD

(THROUGHOUT REPORT, KNOWN AS OBSERVER 3)

PAGE 4 RUWHBSQ 5 UNCLAS

4. VERNON W. MEADOR

821ST RADAR SQUADRON

BAKER, OREGON 97814

ACAW OPERATOR

RELIABILITY - GOOD

(THROUGHOUT REPORT, KNOWN AS OBSERVER 4)

- G. WEATHER & WIND ALOFT CONDITION AT TIME OF SIGHTING:
 - 1. WX CONDITION

CLEAR FROM MIDNIGHT TILL 7 AM

2. REPORT FROM WX BUREAU OF WIND DIRECTION AND VELOCITY

IN DEGREES AND KNOTS:

SURFACE - CALM

Page 5 of 6

6,000- UNKNOWN

10,000 - 300 DEGREES 9 KNOTS

15,000 - 310 DEGREES 14 KNOTS

20,000 FT - 310 DEGREES 20 KNOTS

25,000 FT - 300 DEGREES 25 KNOTS

30,000 FT - UNKNOWN

50,000 FT - UNKNOWN

PAGE 5 RUWHBSQ 5 UNCLAS

53,000 FT - A/C REPORTED 310 DEGREES 25 KNOTS

80,000 FT. UNKNOWN

3. CEILING:

UNLIMITED

4. VISIBILITY

15 PLUS

5. AMOUNT OF CLOUD COVERAGE

NONE

6. THUNDERSTORMS

NONE

7. VERTICAL TEMPERATURE

6,000 FT - UNKNOWN

Page 6 of 6

10,000 FT - -7 DEGREES CENTIGRADE

N 15,000 FT- -17 DEGREES CENTIGRADE

20,000 FT- -28 DEGREES CENTIGRADE

25,000 FT- 140 DEGREES CENTIGRADE

30,000 FT- UNKNOWN

50,000 FT- UNKNOWN

H. OBJECTS WERE ELECTRONICALLY OBSERVED AS RADAR RE-

TURNS ON AN/FPS-35 SEARCH RADAR BETWEEN 1315Z AND 1330Z.

RANGE APPROXIMATELY 18 - 20 MILES, AZ IMUTH 340 - 342

DEGREES. NO SCOPE PHOTOS. RETURNS WERE WEAK AND FUZZY AND NOT

LIKE AIRCRAFT TARGET. RETURNS WERE VISIBLE APPROXIMATELY

BT

NNN

N

NOTE: Sec I is AF IN: 10973 (5 Dec 64) III is AF IN: 10985 (5 Dec 64) NNNN

AF IN:10985 (5 Dec 64) E/rff

Pagel of 2

ACTION: SAF-OS-3 (4)

SMB D184

CZCHQC167ZCQJB794

RR RUEAHQ

DE RUWHBSQ 6 05/0845Z

ZNR

R 050800Z

FM COMMANDER 821 RADARSQ BAKER AFS OREGON

TO RUCDSQ/WRIGHT PATTERSON AFB OHIO

RUEAHQ/SAFOI WASHINGTON D C

RUWGALE/ADC ENT AFB COLORADO

RUWHSB/28ADIV HAMILTON AFB CALIF

RUWHBS/READS STEAD AFB NEV

BT

UNCLAS 821/12-009 PD FINAL SECTION OF THREE FOR TDEW AT FOREIGN TECHNOLOGY DIVISION. WRIGHT PATTERSON AND IO AT ALL OTHERS.

FOLLOWING REPORT SUBMITTED IAW AFR 200-2:

ONE OF EVERY 3 OR 4 SCANS. CUMPUTOR PRINTOUTS ON AN/FST-2 DIGITAL DATA TRANSMITTER OBTAINED FOR REFERENCE PURPOSES. PRINTOUTS WILL BE FORWARDED TO FTD UNDER SEPERATE COVER.

I. INTERCEPTION ACTION:

NONE

J. LOCATION OF APPROXIMATE FLIGHTS IN AREA WHICH MIGHT ACCOUNT FOR SIGHTING:

AF' IN:10985 (5 Dec 64) PAGE 2 RUWHBSQ 6 UNCLAS Page 20f2

NONE.

K. REPORTING OFFICER IS LT. COL. FRANK L. HARDCASTLE,
COMMANDER, 821ST RADAR SQUADRON. OBSERVERS ARE RELIABLE
AND UNDOUBTLY REPORTED ACCURATELY THEIR VISUAL IMPRESSIONS.
RADAR CORRELATIONS CANNOT BE ABSOLUTELY VIRIFIED SINCE
RETURNS WERE WEAK AND TARGET(S) NOT CLEARLY DISCERNABLA
EACH SCAN. THERE IS A POSSIBILITY OF FALSE TARGETS OR
SPORADIC NOISE. TARGET(S) NOT CORRELLATEJ WITH KNOWN AIRCRAFT IN IMMEDIATE VICINITY OF BAKER. NO HEIGHT CHECK MADE
ON SEARCH RADAR RETURNS. HEIGHT RADARS CANNOT DE-ELEVATE TO
NEGATIVE HORIZON ATTITUDES.

L. EVIDENCE OF PHYSICAL EVIDENCE
PNONE

BT

NOTE: Sec I is AF IN:10973 (5 Dec 64) II is AF IN:10978 (5 Dec 64)

821ST RADAR SQUADRON (SAGE) (ADC) United States Air Force Baker Air Force Station, Oregon

REPLY TO ATTN OF:

821CCR

SUBJECT:

Unidentified Flying Object

7 Decembember 1964

TO:

Foriegn Technology Division Wright - Patterson AFB, Ohio

ATTN: TDEW

1. Reference our message, 821/12-009 of 5 Dec 64, re UFO at Baker, Oregon.

2. Attached is a "print-out" from AN/FST-2 digital data transmitter.

Lt. Col.,

USAF

1 Atch

1. AN/FST-2 Print-out

Control with the rest of the r

AND THE RESERVE OF THE PERSON AND AND THE PARTY OF THE PA

Commander

821SE RADRON(SAGE)(ADC)
Baker Air Force Station
UNITED STATES AIR FORCE
Baker, Oregon

REPLY TO

.

ATTN OF: 8210AC

4 December 1964

SUBJECT: Unidentified Object Report

TO: 821CCR

0515L 0530L

1. Following "Print Out" taken on 4 December 1964, between 04151 and 0430t.

AZIMUTH PULSES	DEGREES	COUNT	MILES
3897	342.5	75	18 3/4
38%	342.5	76	19
3894	342.5	77	194
3895	342.5	77	194
3894	342.5	79	19 3/4
3900	343.2	78	192
3894	343.2	79	19 3/4
3881	341.0	90	222
3875	340.0	90	227
3873	340.0	94	232

2. AlC Burkett on duty during the "Mid Shift" stated that the print-outs were intermittant and blurred and not like a good search return. Azimuth Pulses K .088 equals degrees.

LLOYD D. TAYLOR

CAE OFFICER

		Will Lane
3897 3896 3894 3895 3894 3990 3894	75777777779779	
3881 3875 3873	90	

ATCH 1

Troiting concil and the concil and t

821st RADAR SQDN. (SAGE) BAKER AFS, OREGON (97814)

OFFICIAL BUSINESS



POSTAGE AND EEES PAID

Foriegn Technology Division Wright-Patterson AFB, Chio ATTN: TDEW

CHAPTER OF THE PARTY OF THE PAR

Hiran I

880. X

5th, a UFO was spotted by at least five residents of Baker, Oregon, including three policemen. State Policeman William Howe said he saw the object at about 5:30 a.m., and watched it through binoculars for half an hour. The UFO was cylindrical in shape, and had a steady reddish light at its front, and a flickering yellowish light on the rear. The object was moving slowly from northeast to southeast during the period of observation....

1. PATE - TIME GROUP	2. LOCATION			
6 December 64 06/1200Z	Baker, Oregon			
3. SOURCE Civilian	10. CONCLUSION Astronomical (METEOR)			
4. NUMBER OF OBJECTS One	Description indicates meteor sighting.			
5. LENGTH OF OBSERVATION 3 - 4 Seconds 6. TYPE OF OBSERVATION	Round object, flourescent blue, surface had crater like shadows. Tail or trail following. Object seemed to explode with tail forming behind. Disappeared behind hill after			
Ground-Visual 7. COURSE "ot Reported	explosion.			
8. PHOTOS				
9. PHYSICAL EVIDENCE				

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

UNCLASSIFIED

AF IN: 10973 (5 Dec64) E/rff

ACTION: SAF-OS-3 (4)

Page 1 of 5

SMB D179

ZCZCHQC16ØZCQJB792

RR RUEAHQ

DE RUWHBSQ 4 05/0815Z

ZNR

R 050800Z

FM COMMANDER 821 RADARSQ BAKER AFS ORE

TO RUCDSQ/WRIGHT PATTERSON AFB OHIO

RUEAHQ/SAFOI WASHINGTON D C

RUWGALE/ADC ENT AFB COLORADO

RUWHSB/28AIR DIV HAMILTON AFB CALIF

RUWHBS/READS STEAD AFB NEV

BT

Mars 1/4 02.09 Venus 1426.39 36 05.05.

00/200 g

Tupette Setting in West at 110° st

SPICA About 15° ABOVE Venus MARS High in SE 350

UNCLAS 821/12-009 PD. FOR TDEW AT FOREIGN TECHNOLOGY DIVISION.

WRIGHT PATTERSON AND IO AT ALL OTHERS. FOLLOWING REPORT IN THREE

SECTIONS

SECTION_

ilean AT 5° ELEV 30°AZ

PENED AT 5° ELEVOOS BE

A. DESCRIPTION OF OBJECT:

SUBMITTED IAW AFR 200-2:

1. SHAPE:

OBSERVER 1; SHAPE OF CHRISTMAS TREE

OBSERVER 2; ROUND

OBSERVER 3; ROUND

OBSERVER 4; ROUND

2. SIZE:

Pg 1 of 4

AF IN:

13984 (8 Dec 64) M/hcg

ACTION:

NIN-7

INFO

XOP-1, XOPX-7 SAFOS-3, DIA-15

SMB B182

CZCHQC739ZCQJB623

RR RUEAHQ

DE RUWHBSQ 5 08/1755Z

ZNR

R Ø81600Z

FM CMDR 821 RADAR SQ BAKER AFS ORE

TO RUCDSQ/WRIGHT PATTERSON AFB OHIO

RUEAHQ/SAF OI WASH D C

RUWGALE/ADC ENT AFB COLO

RUWHSB/28 AIR DIV HAMILTON AFB CALIF

RUWHBS/READS STEAD AFB NEV

BT

UNCLAS 821-12-010PD FOR TDEW AT FOREIGN TECHNOLOGY DIVISION, WRIGHT PATTERSON AND IO AT ALL OTHERS.

SUBMITTED IAW AFR 200-2:

- A. DESCRIPTION OF OBJECT:
 - 1 . ROUND
 - 2. BASKETBALL
 - 3. FLOURESCENT, BLUE
 - 4. ONE
 - 5. NO FORMATION
 - 6. SURFACE HAD CRATER LIKE SHADOWS

PAGE 2 RUWHBSQ 5 UNCLAS AF IN: 13984 (8 Dec 64) Pg 2 of 4

- 7. HAD TAIL AFTER IT. OBJECT SEEM TO EXPLODE
 - 8. NO SOUND
- 9. OBJECT WAS ROUND WHEN FIRST OBSERVED. IT EXPLODED AND A TAIL OF FLOURESCENT BLUE LIGHT FORMED BEHIND IT.
- B. DESCRIPTION OF COURSE:
 - 1 . BRIGHT FLASH
 - 2. 070 DEGREES
 - 3. SAME AS ITEM NUMBER 2
- 4. OBJECT WENT BEHIND NEARBY HILL AFTER FIRST EXPLOSION
- AND THEN THE WHOLE SKY SEEMED TO LIGHT UP.
 - 5. THREE TO FOUR SECONDS
- C. MANNER OF OBSERVATION:
 - 1. GROUND VISUAL
- D. TIME AND DATE OF SIGHTING:
 - 1. 6 DEC 1964, 1200Z
 - 2. NIGHT
- E. LOCATION OF OBSERVATION:
 - 1. LATITUDE 44:53N LONGTITUDE 117:47W
 - 2. EAST SIDE OF BAKER, OREGON
- F. IDENTIFICATION OF OBSERVER:

PAGE 3 RUWHBSQ 5 UNCLAS

AF IN: 13984 (8 Dec 64) Pg 3 of 4

1. CIVILIAN

RONNIE R. BAIRD AGE 23

2495 BAKER ST., BAKER OREGON

CITY POLICE

RELIABILITY - GOOD

G. WEATHER AND WINDS ALOFT CONDITIONS AT TIME OF SIGHTING:

- 1. VALLEY FOG AND COLD, NO WINDS
 - 2. WINDS ALOFT:

SURFACE	CALM	-20
6,000	200/10	-5 CENTIGRADE
10,000	030/08	-11 CENTIGRADE
16,000	020/15	-20 CENTIGRADE
20,000	020/25	-29
30,000	010/35	- 52
50,000	035/30	-57
80,000	UNKNOWN	

- 3. CEILING; NONE
- 4. VISIBILITY; 1 MILE, FOG
- 5. NONE
- 6. N/A

PAGE 4 RUWHBSQ 5 UNCLAS

AF IN: 13984 (8 Dec 64) Pg 4 of 4

7. UNKNOWN

- H. ANY OTHER UNUSUAL ACTIVITY OR CONDITIONS: NONE
- I. INTERCEPT ACTION: NONE
- J. LOCATION OF APPROXIMATE FLIGHTS IN AREA WHICH MIGHT ACCOUNT FOR SIGHTING: NONE
- K. REPORTING OFFICER, LT. COL. FRANK L. HARDCASTLE, 821ST RADAR SQUADRON,. GROUND AREA ON ALLEDGED SIGHTING SEARCHED FOR PHYSICAL EVIDENCE WITH NEGATIVE RESULTS. OFFICER BAIRD QUITE DEFINITE ABOUT SIGHTING WHEN QUESTIONED
- L. EVIDENCE OF PHYSICAL EVIDENCE: NONE

BT

SAGE STAFF ANSSAGE BRANCH Page 2015

PAGE 2 RUWHBSQ 4 UNCLAS

OBSERVER 1; GIANT FIR TREE AT ARMS LENGTH

OBSERVER 2; BASKETBALL AT ARMS LENGTH

OBSERVER 3; FIST AT ARMS LENGTH

OBSERVER 4; BASEBALL AT ARMS LENGTH

3. COLOR:

OBSERVER 1; NONE

OBSERVER 2; OVERALL REDDISH TINT - AT FIRST SIGHT

GOLD BOTTOM AND BLUE TOP.

OBSERVER 3; VERY BRIGHT - LIGHT WHITE

OBSERVER 4; GOLD LOOKING LIGHT

4. NUMBER:

OBSERVER 1; ONE

OBSERVER 2; ONE (1) LARGE WITH TWO (2) SMALL ONES

EITHER ENTERING OR DEPARTING VERY FAST.

OBSERVER 3; ONE

OBSERVER 4; ONE (1) TO FOUR (4)

5. FORMATION:

ALL OBSERVERS; NONE

6. DESCRIBABLE FEATURES:

OBSERVER 1; BASE OF CIRCLED WHITE LIGHTS WITH RED LIGHTS LEAVING THE BASE AND GOING UP TO A POINT, RED LIGHTS

Page 3of5

PAGE 3 RUWHBSQ 4 UNCLAS

KEPT BLINKING ON AND OFF WHILE WHITE LIGHTS STAYED ON.

OBSERVER 2; ROUND LIKE A BALL WITH HEAT RAYS BURST-ING OUT (LIKE ON FIRE)

OBSERVER 3; ROUND LIKE A BALL WITH CRATERS ON IT,

(LIKE A PHOTO OF MOON) LARGEST CRATER ABOUT 1/50 THE

SIZE OF OBJECT. SEEM TO BE FORMING (LIKE TUMBLING OR ROLLING CLOUDS).

OBSERVER 4; GLOWING BALL/LIGHT

7. TAIL OR TRAIL EXHAUST

OBSERVER 1; NONE

OBSERVER 2; LEFT A GOLDEN TRAIL WHICH FADED FAST

OBSERVER 3; NONE

H OBYERVER 4; NONE

8. SOUND:

ALL OBSERVERS: NONE

9. OTHER PERTINENT DATA:

ALL OBSERVERS; NONE

- B. DESCRIPTION OF COURSE:
 - 1. WHAT FIRST CALL ATTENTION OF OBSERVER TO OBJECT:
 OBSERVER 1; A CALL FROM THE AIR POLICEMAN ON DUTY

AF IN: 10973 (5 Dec 64) PAGE 4 RUWHBSQ 4 UNCLAS Page 4of5

IN THE BAKER CANTONEMENT AREA.

OBSERVER 2; A FLASH

OBSERVER 3; BRIGHTNESS AND SIZE

OBSERVER 4; SAME AS OBSERVER 1

2. WHAT ANGLE, AZIMUTH WHEN FIRST OBSERVED:

OBSERVER 1; VERTICLE ANGLE OF NEGATIVE 20 DEGREES DIRECTLY
NORTH (360 DEGREES) AND DOWN FROM BEAVER MOUNTAIN. BEAVER MOUNTAIN IS
14 AIR MILES SOUTH OF BAKER AT 6200 FT ELEVATION.

OBSERVER 2; VERTICLE ANGLE OF 070 DEGREES EAST (090 DEGREES)
MOVING UPWARD.

OBSERVER 3; VERTICLE ANGLE OF Ø45 DEGREES SOUTH (175 DEGREES)

APPROXIMATELY 6 - 10,000 FT MOVING BACK AND FORTH (SWAYING)

OBSERVER 4; SAME AS OBSERVER 1

3. ANGLE AND AZIMUTH WHEN OBJECT DISSAPPEARED:

OBSERVER 1; SAME LOCATION AS FIRST OBSERVED

OBSERVER 2; NOT OBSERVED

OBSERVER 3; SOUTHEAST APPROXIMATELY 54 MILES

OBSERVER 4; SAME AS FIRST OBSERVED

4. DESCRIPTION OF FLIGHT PATH AND MANUVERS:

OBSERVER 1; OBJECT STEADY AND FIXED

OBSERVER 2; MOVING SOUTH TO SOUTHEAST STAYING WITH MORNING STAR.

Page 5of5

PAGE 5 RUWHBSQ 4 UNCLAS

OBSERVER 3; TRAVELING SOUTH OVER BAKER TO SOUTHEAST OBSERVER 4; OBJECT STEADY AND FIXED

5. HOW DID THEY DISAPPEAR:

OBSERVER 1; FADED

OBSERVER 2; NOT OBSERVED

OBSERVER 3; ASCENDED UPWARD OUT OF SIGHT

OBSERVER 4; FADED

6. HOW LONG WERE OBJECTS VISABLE:

OBSERVER 1; TOW (2) HOURS AND 30 MINUTES

OBSERVER 2; ONE (1) HOUR AND 32 MINUTES

OBSERVER 3; TOW (2) HOURS AND 10 MINUTES /

OBSERVER 4; ONE (1) HOUR AND 15 MINUTES

C. MANNER OF OBSERVATION:

1. HOW:

OBSERVER 1; GROUND VISUAL

OBSERVER 2; GROUND VISUAL

OBSERVER 3; GROUND VISUAL

OBSERVER 4; GROUND VISUAL

BT NOTE: Sec II is AF IN: 10978 (5 Dec 64) III is AF IN: 10985 (5 Dec 64) AF IN: 10978 (5 Dec 64) E/rff

Page I of 6

ACTION: SAF-OS-3 (4)

SMB C234 HQC163ZCQJB793

RR RUEAHQ

DE RUWHBSQ 5 05/0830Z

ZNR

R 050800Z

FMCOMMANDER 821 RADARSQ BAKER AFS OREGON

TO RUCDSQ/WRIGHT PATTERSON AFB OHIO

RUEAHQ/SAFOI WASHINGTON D C

RUWGALE/ADC ENT AFB COLORADO

RUWHSB/28AIRDIV HAMILTON AFB CALIF

RUNHBS/READS STEAD AFB NEV

BT

UNCLAS 821/12-009 PD. FOR TDEW AT FOREIGN TECHNOLOGY DIVISION.

WRIGHT PATTERSON AND 10 AT ALL OTHERS. SECTION TWO OF THREE. REPORT

SUBMITTED IAW AFR 200-2:

2. USE OF AIDS:

OBSERVER 1; NONE

OBSERVER 2; BINOCULARS

OBSERVER 3; SURVEYORS SCOPE

OBSERVER 4; NONE

Page 2 of 6

3. IF SIGHTING RECEIVED WHILE AIRBORNE

D. TIME AND DATE OF SIGHTINGS:

1. ZULU; TIME AND DATE:

OBSERVER 1; 1330Z, 4 DECEMBER 1964

PAGE 2 RUWHBSQ 5 UNCLAS

OBSERVER 2; 1258Z, 4 DECEMBER 1964

OBSERVER 3; 1250Z, 4 DECEMBER 1964

OBSERVER 4; 1330, 4 DECMEBER 1964

2. LIGHT CONDITION:

NIGHT

E. LOCATION OF OBSERVERS:

1. LATITUDE AND LONG ITUDE OF EACH OBSERVER:

OBSERVER 1; LAT. 44:36N LONG. 117:20W

OBSERVER 2; LAT. 44:53N LONG 117:47W

OBSERVER 3; LAT. 44:53N LONG 117:47W

OBSERVER 4; LAT. 44:36N LONG. 117.29W

2. POSITION WITH REFERENCE TO KNOWN LANDMARKS.

OBSERVER 1; BEAVER MOUNTAIN - 14 MILES SOUTH OF

BAKER

Page 3 of 16

OBSERVER 2; TOWN OF BAKER - EAST SIDE NEXT TO

OBSERVER 3; TOWN OF BAKER - NORTH SIDE - RADAR

SITE CANTONEMENT AREA.

OBSERVER 4; SAME AS OBSERVER 1.

F. IDENTIFYING INFORMATION ON OBSERVERS:

1. MILITARY:

PAGE 3 RUWHBSQ 5 UNCLAS

HAROLD H. EVES TSGT

821ST RADAR SQUADRON

BAKER, OREGON 97814

RADAR OPERATIONS CREW CHIEF

RELIABILITY - GOOD

(THROUGHOUT REPORT, KNOWN AS OBSERVER 1)

2. CIVILIAN:

AGE 23

BAKER, OREGON 97814

CITY POLICE

RELIABILITY - GOOD