1. DATE - TIME GROUP	2. LOCATION
4 December 64 04/1250Z	Baker, Oregon
3. SOURCE Civilian & Military	**10. CONCLUSION** Visual (Astronomical + Stars/Planets) Radar (False Targets)
4. NUMBER OF OBJECTS One	
5. LENGTH OF OBSERVATION Two Hours	**11. BRIEF SUMMARY AND ANALYSIS** Object moving with morning star. Travelling East or SE. Observed through BX and surveyors scope. Observer on mountain looking down. Object disappeared by fading. Also radar returns at time of sighting. At time of initial report Astro bodies are in following positions: Jupiter setting in West, not visible during observations of stars/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 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.
6. TYPE OF OBSERVATION Ground-Visual Gnd -Radar (BX)	
7. COURSE Stationary	
8. PHOTOS ☐ Yes XX No	
9. PHYSICAL EVIDENCE ☐ Yes XX No	

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

INCOMING MESSAGE
NNNN

DEPARTMENT OF THE AIR FORCE
STAFF MESSAGE BRANCH

UNCLASSIFIED

04/2302

(Radar & Other)
Visual (Astro)

AF IN : 10973 (5 Dec64) E/rff

ACTION: SAF-OS-3 (4)

Mars 11h 02.6m
Venus 10h 36.3m
Jup 3h 05.2m

SMB D179

ZCZCHQC160ZCQJB792

RR RUEAHQ

DE RUWHBSQ 4 05/0815Z

ZNR

R 050800Z

Jupiter Setting in West at time of Initial Report

FM COMMANDER 821 RADARSQ BAKER AFS ORE

TO RUCDSQ/WRIGHT PATTERSON AFB OHIO

RUEAHQ/SAFOI WASHINGTON D C

Venus Rising in East at 110° AZ

RUWGALE/ADC ENT AFB COLORADO

RUWHSB/28AIR DIV HAMILTON AFB CALIF

SPICA about 15° ABOVE Venus

RUWHBS/READS STEAD AFB NEV

MARS High in SE 35°

BT

UNCLAS 821/12-009 PD. FOR TDEW AT FOREIGN TECHNOLOGY DIVISION. WRIGHT PATTERSON AND IO AT ALL OTHERS. FOLLOWING REPORT IN THREE SECTIONS

DENEB AT 5° ELEV 005° AZ

SUBMITTED IAW AFR 200-2: SECTION I

Vega AT 5° ELEV 30° AZ

A. DESCRIPTION OF OBJECT:

1. SHAPE:

OBSERVER 1; SHAPE OF CHRISTMAS TREE

OBSERVER 2; ROUND

OBSERVER 3; ROUND

OBSERVER 4; ROUND

2. SIZE:

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 3 RUWHBSQ 4 UNCLAS

KEPT BLINKING ON AND OFF WHILE WHITE LIGHTS STAYED ON.

OBSERVER 2; ROUND LIKE A BALL WITH HEAT RAYS BURSTING 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

PAGE 4 RUWHBSQ 4 UNCLAS

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 045 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 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)

NNNN

AF IN : 10978 (5 Dec 64) E/rff Page 1 of 16

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

RUWHBS/READS STEAD AFB NEV

BT

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

WRIGHT PATTERSON AND IO 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

3. IF SIGHTING RECEIVED WHILE AIRBORNE

N/A

D. TIME AND DATE OF SIGHTINGS:

1. ZULU; TIME AND DATE:

OBSERVER 1; 1330Z, 4 DECEMBER 1964

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 LONGITUDE 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. 117.20W

2. POSITION WITH REFERENCE TO KNOWN LANDMARKS.

OBSERVER 1; BEAVER MOUNTAIN - 14 MILES SOUTH OF BAKER

OBSERVER 2; TOWN OF BAKER - EAST SIDE NEXT TO LOGSDON'S SAND AND GRAVEL PITS.

OBSERVER 3; TOWN OF BAKER - NORTH SIDE - RADAR SITE CANTONEMENT AREA.

OBSERVER 4; SAME AS OBSERVER 1.

F. IDENTIFYING INFORMATION ON OBSERVERS:

1. MILITARY:

HAROLD H. EVES TSGT

821ST RADAR SQUADRON

BAKER, OREGON 97814

RADAR OPERATIONS CREW CHIEF

RELIABILITY - GOOD

(THROUGHOUT REPORT, KNOWN AS OBSERVER 1)

2. CIVILIAN:

[redacted] AGE 23

BAKER, OREGON 97814

CITY POLICE

RELIABILITY - GOOD

(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

AC&W 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

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

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

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, AZIMUTH 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 Page1 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:

PAGE 2 RUWHBSQ 6 UNCLAS

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 AIR-CRAFT 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 Dec64)

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.

FRANK L. HARDCASTLE
Lt. Col., USAF
Commander

1 Atch
1. AN/FST-2 Print-out

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

REPLY TO
ATTN OF: 821OAC

4 December 1964

SUBJECT: Unidentified Object Report

TO: 821CCR

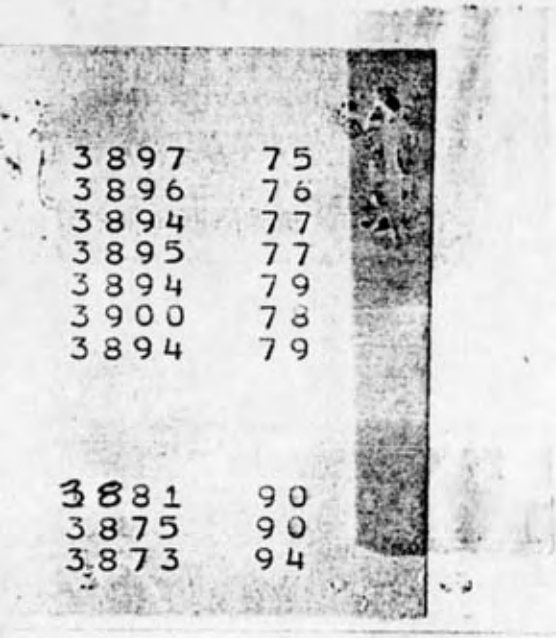
1. Following "Print Out" taken on 4 December 1964, between ~~0415L~~ 0515L and ~~0430L~~ 0530L.

AZIMUTH PULSES	DEGREES	RANGE COUNT	MILES
3897	342.5	75	18 3/4
3896	342.5	76	19
3894	342.5	77	19¼
3895	342.5	77	19¼
3894	342.5	79	19 3/4
3900	343.2	78	19½
3894	343.2	79	19 3/4
3881	341.0	90	22½
3875	340.0	90	22½
3873	340.0	94	23½

2. A1C 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 X .088 equals degrees.

Lloyd D. Taylor

LLOYD D. TAYLOR
MAJOR, USAF
C&E OFFICER



ATCH 1

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

OFFICIAL BUSINESS

BAKER
DEC 7
PM
1964
OREGON

POSTAGE AND FEES PAID

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

Information Only
Sourse: Saucer News, Vol 12, #1, March 1965

Baker, Oregon
5 December 1964

...During the early morning hours of December 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....