

MULTIPLE SIGHTING

PROJECT 10073 RECORD CARD

1. DATE 20 Sep 60		2. LOCATION Washington and 50 mile area of Portland, Oregon		12. CONCLUSIONS <input type="checkbox"/> Was Balloon <input type="checkbox"/> Probably Balloon <input type="checkbox"/> Possibly Balloon  <input type="checkbox"/> Was Aircraft <input type="checkbox"/> Probably Aircraft <input type="checkbox"/> Possibly Aircraft  <input type="checkbox"/> Was Astronomical <input checked="" type="checkbox"/> Probably Astronomical Meteor <input type="checkbox"/> Possibly Astronomical	
3. DATE-TIME GROUP Local _____ GMT 21/0405Z		4. TYPE OF OBSERVATION <input checked="" type="checkbox"/> Ground-Visual <input type="checkbox"/> Ground-Radar <input checked="" type="checkbox"/> Air-Visual <input type="checkbox"/> Air-Intercept Radar			
5. PHOTOS <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		6. SOURCE Military and Civilian			
7. LENGTH OF OBSERVATION 15-30 sec		8. NUMBER OF OBJECTS one	9. COURSE NE	<input type="checkbox"/> Other _____ <input type="checkbox"/> Insufficient Data for Evaluation <input type="checkbox"/> Unknown	
10. BRIEF SUMMARY OF SIGHTING White glowing object aprox the size of a marble which broke into several pieces. Pieces trailed and burned. Object had flashing tail, tapering in size, somewhat longer than object. Straight flight with no maneuvers, disappeared low in the east.			11. COMMENTS Description is characteristic of a meteor. No satellite reentries this date, although portions of 1960 Epsilon reentered during Sep and Oct on unidentified dates. General description and color indicate that the object was a "bolide" class of meteor. Correlates with Seattle sighting of same time and date.		

JOINT MESSAGEFORM	SECURITY CLASSIFICATION  UNCLASSIFIED
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SPACE BELOW RESERVED FOR COMMUNICATION CENTER

PRECEDENCE	TYPE MSG (Check)	ACCOUNTING SYMBOL	ORIG. OR REFERS TO	CLASSIFICATION OF REFERENCE
ACTION ROUTINE	<input type="checkbox"/> BOOK <input type="checkbox"/> MULTI <input type="checkbox"/> SINGLE	AF	DET 5, 35WS 20 J 2	UNCLAS

FROM:  ATIC, W-P AFB  TO: PAINE FLD, WASH   /UNCLAS/FRON: AFGIN-4E2x  DET 5, 35TH WEA SQ, YOUR MSG DET 5, 35WS 20 J 2, DTD 21 SEP 60, REQ THE RPTD SIGHTING BE THOROUGHLY INVESTIGATED IN ACCORDANCE WITH AFR 200-2, DTD 14 SEP 59. EVERY ATTEMPT SHOULD BE MADE TO CONTACT ALL WITNESSES.	SPECIAL INSTRUCTIONS
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DATE	TIME
21	1455
MONTH	YEAR
SEP	1960

SYMBOL <p style="text-align: center;">AFGIN-4E2x</p> TYPED NAME AND TITLE (Signature, if required) <p style="text-align: center;">Major Robert J. Friend</p> PHONE 69216    PAGE NR. 1    NR. OF PAGES 1 SECURITY CLASSIFICATION <p style="text-align: center;">UNCLASSIFIED</p>	R E L E A S E R	SIGNATURE  TYPED (or stamped) NAME AND TITLE <p style="text-align: center;">PHILIP G. EVANS Colonel, USAF Deputy for Science and Components</p>
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NNNN

RECEIVED

1220 SEP 68 0944 Z8

ATIC

174E2  
34 X2A

25

ZCSQF173ZCQYB836

RR RJEDSQ

DE RJWZBHL 17

R 271935Z ZEX

FM 326FTRGRU AD PAINE FLD WASH

TO RJWFAL/ADC ENT AFB COLO

RJEDSQ/ATIC WPAFB OHIO

RJEZHQ/HQ USAF WASH DC

RJEZHQ/SECRETARY OF THE AF WASH DC

BT

UNCLAS FROM 3260DC 93343 FOR COMMANDERS ADC, ATIC; AFCIN, USAF;  
 SAFIS, SEC OF AF; 250IN, 25ADIV. FOLLOWING UFOB REPORT FORWARDED  
 IN ACCORDANCE WITH AFR 200-2. A. DESCRIPTION OF OBJECT. 1. FIRE-  
 BALL. 2. ONE HALF SIZE OF DIME. 3. REDDISH YELLOW WHITE. 4.  
 1. 5. NOT APPLICABLE. 6. NOT APPLICABLE. 7. TRAIL OF SPARKS  
 OR FLAME, THREE TIMES LENGTH OF FIREBALL. 8. NONE, OBSERVER IN  
 AIRCRAFT. 9. APPEARED TO BREAK UP PRIOR TO BURNOUT. B. DESCRIP-  
 TION OF COURSE OF OBJECT. 1. APPEARED IN LINE OF SIGHT, TRAVELING  
 FROM SW TO NE. 2. ELEVATION 15 DEGREES, AZIMUTH 225 DEGREES TRUE.  
 3. ELEVATION 3 DEGREES, AZIMUTH 060 DEGREES TRUE. 4. NORMAL

1100 SEP 68

*atic*

AIR FORCE SERVICES

PAGE TWO RJWZBHL 17

TRAJECTORY INCLINED ABOUT 15 DEGREES TO HORIZON. 5. APPEARED TO

PAGE TWO RJWZBHL 17

TRAJECTORY INCLINED ABOUT 15 DEGREES TO HORIZON. 5. APPEARED TO  
BURN UP. 6. 5 TO 10 SECONDS. C. MANNER OF OBSERVATION. 1.  
UNAIDED VISUAL. 2. NOT APPLICABLE. 3. USCG UF2A SERIAL 1273,  
1500 FEET, 95 KNOTS, 160 DEGREES. USCG-AS PORT ANGELES WASH. D.  
TIME AND DATE OF SIGHTING. 1. 0405 ZULU 21 SEP 1960. 2. NIGHT.  
E. LOCATION OF OBSERVER. IN PATTERN AT PAINE FIELD ONE MILE  
WEST OF AIRPORT LOCATED 47-55N, 122-17W. F. LT JG DAVID W. IRONS,  
USCG, USCG-AS PORT ANGELES WASH. PILOT, GOOD. G. WEATHER AND  
WINDS. 1. CLEAR. 2. WIND IS IN TABULAR FORM, 3 COLUMNS. COL.  
ONE ALTITUDE, COL. 2 DIRECTION, COL. 3 VELOCITY.

SURFACE	NE	4
6,000	020	14
10,000	020	14
16,000	340	27
20,000	350	27
30,000	320	32
40,000	300	20
50,000	250	9
80,000	330	7

3. UNLIMITED. 4. 10 PLUS. 5. NONE. 6. NONE. 7. NONE. H.

PAGE THREE RJWZBHL 17

NONE. I. NONE. J. NONE. K. ASSISTANT DIRECTOR OF OPERATIONS,  
LT. A. C. HONEY, JR.: USN: INTERVIEW WITH WITNESS INDICATES VALID

80,000 330 7

3. UNLIMITED. 4. 10 PLUS. 5. NONE. 6. NONE. 7. NONE. H.

PAGE THREE RJWZBHL 17

NONE. I. NONE. J. NONE. K. ASSISTANT DIRECTOR OF OPERATIONS,  
LT. A. C. HONEY, JR., USN: INTERVIEW WITH WITNESS INDICATES VALID  
SIGHTING OF POSSIBLE SATELLITE VEHICLE REENTRY. EQUAL POSSIBILITY  
OF ORDINARY METEORITE. THIS MESSAGE PRECEDED BY MOON DUST REPORT  
OF SIGHTING TO AIR WEATHER SERVICE BY DETACHMENT 5, 35TH WEATHER  
SQUADRON, MESSAGE NUMBER 20J2 OF 21 SEP AT 0734 ZULU. WITNESS  
DESCRIPTION CORROBORATED BY CIVILIAN WITNESS, MRS. [REDACTED]  
[REDACTED], HOUSEWIFE, 29 YEARS OF AGE, [REDACTED] ENGLISH,  
WASH.

BT

27/2336Z SEP RJWZBHL

NNNN

Detachment 1  
35th Weather Squadron (WATS)  
UNITED STATES AIR FORCE  
McAhr Air Force Station  
Corvallis, Oregon

REPLY TO  
ATTN OF: PLOWK

26 SEP 1960

SUBJECT: Reported Meteor

TO: HQS, USAF, ATTN: AFCEIN-101

HQS, AFIC, ATTN: AFCEIN-4A

Space Track, Laurence G. Hanscom Field, Mass.

1. Code words "Moon Dust" are cited for this letter. Reference is made to our TWX DET 1-3500 21-J-1 and DET 1-3500 21-J-2 dated 21 September 1960.

2. Enclosed is a copy of the article which appeared in the Portland "Oregonian" Wednesday morning 21 September 1960.

*Harold E. General, Major USAF*  
for JOHN W. STEIGNER  
Major USAF  
Commander

1 Atch  
Article on Meteor

Cy Burn:  
HQS, AWS, ATTN: AWSSS

## Meteor Flits Across Sky

A fireball flashed through the Oregon sky Tuesday night, at approximately 8:05 p.m.

Its bright passage was seen in western and central Oregon. In Portland, many persons thought it was an airplane crashing, guessing it had gone down in the vicinity of Rocky Butte. So vivid was this impression that two police cars were sent to investigate.

But three observers in the control tower at Portland International Airport saw it come from behind Rocky Butte and vanish to the north.

### Reports Widespread

It was seen in Hood River. A clergyman in Bend saw it, as did others.

The path was generally described as from west to east or northeast. Some observers said it trailed sparks, others that it had a glowing tail. Some insisted they saw it disintegrate, others that it disappeared over the horizon.

At Bend, Phil Brogan, member of the American Meteorological Society, said the descriptions suggested it was a big meteor—they call it a fireball when it attracts attention—which began to burn as it entered the atmosphere about 200 miles up. *AKH#1*

RECEIVED

COPY TO DT HYPER

OCZCSQA294ZCQYA334

PP RJEDSQ

1960 SEP 22 04 10

39

DE RJWZKPH 4

P 220040Z ZEX

FM 337TH FTR GP AD PORTLAND INTL APRT ORE

TO RJWFAL/ADC ENT AFB COLO

RJWZBH/25TH AIR DIV MCCHORD AFB WN

RJEDSQ/AIR TECH INTELLIGENCE CENTER WRIGHT PATTERSON AFB OHIO

RJEZHQ/HQ USAF WASH 25 D C

RJEZHQ/SEC OF AF WASH 25 D C

RJEDSQ/COSMATIC WRIGHT PATTERSON AFB OHIO

RJEZDK/PROJECT SPACE TRACK L G HANSCOM FIELD BEDFORD MASS

BT

UNCLAS 3370DC 9-3824. ACTION ADC, 25TH AIR DIV, AIR TECHNICAL INTELLIGENCE CENTER, AFCIN-131, SAFIS, AFCIN-4A, AND PROJECT SPACE TRACK.

FOLLOWING REPORT OF UFO SIGHTING IS SUBMITTED PER PARAGRAPH 15, AFR 200-2, 14 SEP 59.

- A. (1) LARGE, WHITE BALL
- (2) APPROXIMATELY THE SIZE OF MARBLE HELD AT ARMS LENGTH.
- (3) WHITE, GLOWING
- (4) ONE LARGE OBJECT BREAKING INTO SEVERAL PIECES.
- (5) NONE

Handwritten notes and markings including '17', '2', '3', '4', '5', '6', '7', '8', '9', '10', '11', '12', '13', '14', '15', '16', '17', '18', '19', '20', '21', '22', '23', '24', '25', '26', '27', '28', '29', '30', '31', '32', '33', '34', '35', '36', '37', '38', '39', '40', '41', '42', '43', '44', '45', '46', '47', '48', '49', '50', '51', '52', '53', '54', '55', '56', '57', '58', '59', '60', '61', '62', '63', '64', '65', '66', '67', '68', '69', '70', '71', '72', '73', '74', '75', '76', '77', '78', '79', '80', '81', '82', '83', '84', '85', '86', '87', '88', '89', '90', '91', '92', '93', '94', '95', '96', '97', '98', '99', '100'. Includes 'c/K-2X' and '4x21'.

PAGE TWO RJWZKPH 4

(6) PIECES TRAILING AND BURNING

(7) FLASING TAIL, TAPERING IN SIZE, SOMEWHAT LONGER THAN  
OBJECT.

(8) NONE

(9) NONE

B. (1) RAPIELY MOVING, GLOWING OBJECT.

(2) APPROXIMATELY 30 TO 45 DEGREES ABOVE HORIZON.

(3) DISAPPEARED LOW IN THE EAST.

(4) STRAIGHT FLIGHT, NO APPARENT MANEUVERS.

(5) BEHIND BUILDING, MOUNTAINS, HORIZON DEPENDING ON OBSERVERS  
LOCATION.

(6) 15 TO 30 SECOND.

C. (1) GROUND VISUAL

N (2) N/A

(3) N/A

D. (1) 0405 TO 0415Z, 21 SEPTEMBER 1960

(2) DARK

E. 45 DEGREES 30' N, 123 DEGREES 35' W, AND IN THE GENERAL AREA  
WITHIN A 50 MILE RADIUS OF PORTLAND, OREGON.

F. (1) MR. ██████████, W.K., AGE 40, FAA TOWER OPERATOR (ON DUTY)

PAGE THREE RJWZKPH 4

ESTIMATED RELIABLE.

(2) CLARK COUNTY SHERIFFS OFFICER, VANCOUVER, WASH. (1 CAR  
REPORTING). RELIABILITY UNKNOWN.



ESTIMATED RELIABLE.

- (2) CLARK COUNTY SHERIFFS OFFICER, VANCOUVER, WASH. (1 CAR REPORTING). RELIABILITY UNKNOWN.
- (3) SHERIFF, HAPPY VALLEY, SKAMANIA COUNTY, STEVENS, WASH. RELIABILITY UNKNOWN.
- (4) MR [REDACTED], STATE POLICE; SALEM, OREGON. TWO CARS SIGHTING SAME OBJECT IN VICINITY OF SALEM. SENT ONE CAR TO INVESTIGATE AREA WHERE OBJECT APPEARED TO GO INTO MOUNTAINS. RELIABILITY UNKNOWN.
- (5) A/2C [REDACTED], AGE 23, FLIGHT LINE SECURITY, PORTLAND INTL APRT. SIGHTED A LARGE WHITE FIERY OBJECT OVER ROCKY BUTTE FALLING RAPIDLY AT A SHARP ANGLE. DISAPPEARED BEHIND A BUILDING. IT WAS OUT OF SIGHT BY THE TIME HE ROUNDED THE BUILDING.
- (6) MISS [REDACTED], AGE 19, [REDACTED], PORTLAND, OREGON HIGH SCHOOL GRADUATE, CONFIRMS OTHER REPORTS.
- (7) MISS [REDACTED], [REDACTED], PORTLAND, OREGON, CONFIRMS OTHER REPORTS.
- (8) MRS [REDACTED], [REDACTED], PORTLAND, OREGON CONFIRMS OTHER REPORTS.

- (9) MR. [REDACTED] SOUTHWEST HILLS OF PORTLAND, ORE. CONFIRMS OTHER REPORTS.

PAGE FOUR RJWZKPH 4

, (9) MR. [REDACTED], SOUTHWEST HILLS OF PORTLAND, ORE.  
CONFIRMS OTHER REPORTS.

G. (1) CLEAR AND 10 PLUS MILES VISIBILITY.

(2) WINDS AS FOLLOWS: 6,000 360/25: 10,000 360/25: 16,000  
360/30: 20,000 360/40: 30,000 290/35: 50,000 300/40:  
80,000 909/10.

(3) CLEAR (NONE)

(4) 10 MILES PLUS

(5) NONE

(6) NONE

(7) SURFACE TEMPERATURE 58, DEW POINT 44

H. NONE

I. NONE

J. NONE

K. [REDACTED] 1/LT 58183A, ASST OPS OFFICER 337TH FTR GP

L. NONE

THE INFORMATION IN ALL REPORTS WAS FOR ALL PRACTICAL PURPOSES  
IDENTICAL IN ALL RESPECTS. DIFFERENCES EXISTED ONLY IN DISCRIPTIVE  
LANGUAGE CONCERNING THE OBJECT. ALL TIMES REPORTED TO THE OFFICER  
OF THE DAY DURING THE PERIOD INVOLVED WERE WITHIN A 10 MINUTE

(6) NONE

(7) SURFACE TEMPERATURE 58, DEW POINT 44

H. NONE

I. NONE

J. NONE

K. ~~XXXXXXXXXX~~, 1/LT 58183A, ASST OPS OFFICER 337TH FTR GP

L. NONE

THE INFORMATION IN ALL REPORTS WAS FOR ALL PRACTICAL PURPOSES IDENTICAL IN ALL RESPECTS. DIFFERENCES EXISTED ONLY IN DESCRIPTIVE LANGUAGE CONCERNING THE OBJECT. ALL TIMES REPORTED TO THE OFFICER OF THE DAY DURING THE PERIOD INVOLVED WERE WITHIN A 10 MINUTE

PAGE FIVE RJWZKPH 5

PERIOD. CONSIDERING ERRORS IN TIME PIECES AND ACCURATE MEASUREMENT OF TIME, ALL REPORTS WERE WITHOUT ANY DOUBT CONCERNED WITH THE SAME OBJECT.

BT

22/0058Z SEP RJWZKPH

NNNN

*Atte*

RE075

VCZCSQB209ZCQYC563

1960 SEP 21 08 14

OO RJEDSQ

DE RJWZBHL 33

O 210730Z

*1-4A2*  
*2-4E2X*  
*3-4F3*  
*4-4A2a*

FM COMDR DET 5 35 WEA SQ PAINE FLD WASH

TO RJEZHQ/HQ USAF

RJEDSQ/ATIC WPAFB OHIO

RJEXDH/SPACETRACK HANSCOM FLD MASS

INFO RJEDHF/AWS SCOTT AFB ILL

AF GRNC

BT

UNCLAS DET 5 35WS 20 J 2: ATTN AFCIN-1B1, AFCIN-4A, AWSSS.  
CODE MOONDUST: UNUSUAL SHOOTING STAR LIKE OBJECT TRAILING  
SPARKS REPORTED STREAKING ACROSS SKY FORM SOUTHWESTERLY TO  
NORTHEASTERLY DIRECTION. OBJECT WAS REPORTED LOW ON HORIZON  
BEARING NORTHWEST OF PAINE FLD WASH, AT 0405Z 21 SEPT 60.  
SIGHTING REPORTED BY TWO CIVILIANS NEAR SNOHOMISH, WASH  
ONE NAVAL GCA OPERATOR AT NAS WHIDBEY ISLAND, ALSO CONFIRMED  
BY COAST GUARD PILOT FLYING A UF2G AT 1600 FT OVER PAINE FLD  
THIS SIGHTING WAS NOT REPEAT NOT SEEN BY THE DUTY WEATHER  
OBSERVER.

BT

21/0734Z SEP RJWZBHL

RB012

17087 01 01

PCZCSQDE47ZCQYB632

OO RJEDSO

DE RJWZKP 1E

O 212321Z ZEX

FM DET 1 35TH WEA SQ ADAIR AFS CRE

TO RJEZHO/1Q USAF

RJEDSO/ATIC WP AFB OHIO

RJEZDK/SPACE TRACK LAWRENCE G HANSCOM FLD MASS

INFO RJEDNF/HQS AWS SCOTT AFB ILL

BT

UNCLAS FROM DET 1-35CO 21-J-2.

ACTION HQ USAF ATTN: AFCIN-131, ATIC ATTN: AFCIN-9A, SPACE

TRACK; INFO HQS AWS ATTN: AWSSS. REFERENCE OUR MESSAGE

DET 1-35CO 21-J-1 REFERRING TO "MOON DUST". CONTROL TOWER

OPERATOR AT PORTLAND IAP, OREGON REPORTS A FIREBALL FLASHED

THRU THE OREGON SKY TUESDAY NIGHT AT APPROXIMATELY 23/2036P 0430°Z

FROM SSV TO NNE, ELEVATION ANGLE APPROXIMATELY 30 DEGREES.

BT

21/2325Z SEP RJWZKP

(4)  
 Capt Taylor  
 712  
 01/06/2  
 1/11/2  
 1/11/3  
 2/11/2  
 3/11/2  
 4/11/2

1111

RECEIVED  
23 SEP 68 07 41  
ATTN

1730 SEP 22 23 68

RD136

ACZCSQB459ZCQYB873

OP RJEDSQ

DE RJWZKPH 22

Z 222230Z ZEX

FM 337TH FTR GP PORTLAND INTL APRT OPE

TO RJWFAL/ADC ENT AFB COLO

RJWZRH/25TH AIR DIV MCCORD AFB WASH

RJEDSQ/AIR TECH INTELLIGENCE CENTER WPAFB OHIO

RJEZNO/HQ USAF WASH 25 DC

RJEZNO/SEC OF AF WASH 25 DC

RJEDSQ/COSMATIC WPAFB OHIO

RJEZDK/PROJECT SPACE TRACK L G HANSCOM FIELD BEDFORD MASS

BT

UNCLAS 3370DC 9 3836. ACTION ADC, 25TH AIR DIV, AIR

TECHNICAL INTELLIGENCE CENTER, AFCIN-101, SAFIS, AFCIN-4A,

AND PROJECT SPACE TRACK

REFERENCE MESSAGE THIS HEADQUARTERS, 3370DC 9-3824, 21 SEP 68.

LOCAL EVALUATION INDICATES THIS IS A MOON DUST MESSAGE.

BT

22/2210Z SEP RJWZKPH

*Handwritten notes:*  
1. 442  
2. 4F3  
3. 402  
4. JXW  
→