

## PROJECT 10073 RECORD CARD

|   |   |   |   |
|---|---|---|---|
| 1. DATE<br>23 Feb 61  | 2. LOCATION<br>Saudi Arabia   | 12. CONCLUSIONS   |   |
| 3. DATE-TIME GROUP<br>Local 1142 GCT  | 4. TYPE OF OBSERVATION<br><input checked="" type="checkbox"/> Ground-Visual <input type="checkbox"/> Ground-Radar | <input type="checkbox"/> Was Balloon<br><input type="checkbox"/> Probably Balloon<br><input type="checkbox"/> Possibly Balloon                                    |   |
| GMT   | <input type="checkbox"/> Air-Visual <input type="checkbox"/> Air-Intercept Radar                                  | <input type="checkbox"/> Was Aircraft<br><input type="checkbox"/> Probably Aircraft<br><input type="checkbox"/> Possibly Aircraft                                 |   |
| 5. PHOTOS<br><input type="checkbox"/> Yes Physical<br><input checked="" type="checkbox"/> No Specimen   | 6. SOURCE<br>Military   | <input checked="" type="checkbox"/> Was Astronomical (METEOR)<br><input type="checkbox"/> Probably Astronomical<br><input type="checkbox"/> Possibly Astronomical |   |
| 7. LENGTH OF OBSERVATION<br>Seconds w/smoke 10 min  | 8. NUMBER OF OBJECTS<br>1   | 9. COURSE<br>Falling  | <input type="checkbox"/> Other<br><input type="checkbox"/> Insufficient Data for Evaluation<br><input type="checkbox"/> Unknown |
| 10. BRIEF SUMMARY OF SIGHTING<br>Sound simular to sonic boom followed by cloud of smoke. Tail indicated track fm N to S. After explosion cloud of white smoke persisted for 10 min. About 12 min later fragments fell to earth. 5 fragments obtained. |   | 11. COMMENTS<br>Bolide. Physical specimens of meteorite obtained.   |   |

ATIC FORM 329 (REV 26 SEP 52)

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OVER CKT AS NBR 5/24 FEB -- PLEASE DESTROY ALL OTHER COPIES/

2224 27 FEB 61

1961 FEB 25 09 05

PRIORITY

FM DET 12 21 WEA SQ DHARAN AIR FIELD SAUDI ARABIA 240600Z

TO USAF WASHDC

ATTN: WPAFB OHIO

HANSCOM AFB MASS

INFO SCOTT AFB ILL

2 WEA WG LINDSEY AIR STA GER

BT

FROM 21-12WD. 24-B-4. REF AWSS 001-B.

MOON DUST MSG: HQ USAF, ATTN: AFCIN-1B-1; ATIC, ATTN: AFCIN-4A,  
WRIGHT PATTERSON AFB OHIO; AFCCDD (CCSTN), HANSCOM AFB, MASS;

INFO COPY TO AWS (AWSSS), SCOTT AFB ILL. FOLLOWING OBSERVATION  
MADE BY DET THIS STATION. PART 1. AT APPROXIMATELY 1142 GCT 23  
FEB 61 A DISTINCT BOOM, SIMILAR TO A SONIC BOOM, WAS HEARD  
FOLLOWED BY A ROLLING RUMBLE LIKE DISTANT THUNDER. IN AN OTHERWISE  
PERFECTLY CLEAR SKY, THERE APPEARED A DENSE WHITE CLOUD WITH A  
LESS DENSE ZIG ZAG TAIL TRAILING AWAY TO THE SOUTH. THE TAIL  
INDICATED A TRACK FROM SOUTH TO NORTH. THE TAIL DISAPPEARED  
AFTER ABOUT 10 MINUTES. THE DENSE WHITE CLOUD PERSISTED FOR ABOUT  
30 MINUTES. DURING THIS TIME IT DRIFTED VERY SLOWLY TO THE  
EAST ABOUT 15 DEGREES. THE CLOUD DIAMETER SUBTENDED AN ANGLE OF ABOUT

Classification Cancelled

Auth. *John D. Guntner*  
By *John D. Guntner*  
Date *3 Jan 68*

*3 Jan 68*

DOWNLOADED AS AIC MSG 240600Z

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PAGE TWO

2 DEGREES. THE ELEVATION ANGLE WAS ABOUT 60 DEGREES. PART 2. THE FOLLOWING OBSERVATION WAS MADE BY A SENIOR OFFICER AT A LOCATION 30 MILES DUE NORTH OF DHAHARN. HE HEARD THE BOOM FOLLOWED BY AN UNDULATING LOW PITCHED WHISTLE OR RUMBLE STRONGLY SUGGESTING FRAGMENTS TUMBLING THROUGH THE AIR. HE ESTIMATED THE ELEVATION ANGLE OF THE MAIN CLOUD TO BE 80 TO 85 DEGREES ON AN AZIMUTH HEADING OF 10 DEGREES EAST OF NORTH.

BT

25/09032

DECLASSIFIED AT 3 YEAR INTERVALS;  
DECLASSIFIED AFTER 12 YEARS.  
DDP 1000 0200-10

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JOINT MESSAGEFORM

SECURITY CLASSIFICATION

UNCLASSIFIED

SPACE BELOW RESERVED FOR COMMUNICATION CENTER

ZNR

17 MAR 61 15 04Z

TOT 17/1550 2

27

|   |   |                     |  |                                |   |  |
|---|---|---------------------|--|--------------------------------|---|--|
| PRECEDENCE<br><b>ROUTINE</b>  | TYPE MSG (Check)<br>BOOK    MULTI    SINGLE |                     |  | ACCOUNTING SYMBOL<br><b>AF</b> | ORIG. OR REFERS TO<br><b>21-12WD</b><br><b>24-B-4</b> | CLASSIFICATION OF REFERENCE<br><b>CONF</b> |
| INFO  |   |                     |  |                                |   | SPECIAL INSTRUCTIONS                       |
| FROM:<br><br><b>ATIC W-P AFB</b>  |   |                     |  |                                |   |  |
| TO:<br><br><b>DHARAH AIR FLD SAUDI ARABIA</b>   | <b>R JQAFB</b>                              |                     |  |                                |   |  |
| UNCLAS/AFCIN-4E2x   | <u>3-1268</u>                               |                     |  |                                |   |  |
| <p>DET 1221 WEA SQ* YOUR MSG 21-12WD 24-B-4. HARVARD UNIVERSITY VERY<br/> INTERESTED IN POSSIBLE RECOVERY OF METEORITE WHICH FELL IN YOUR<br/> AREA 23 FEB 61. DR FRED WHIPPLE WILL CONTACT YOUR ORGANIZATION<br/> FOR INFO CONCERNING THE FALL. INFO AS TO THE EXACT LOCATION OF<br/> THE FALL, DEPTH OF THE WATER IN WHICH THE OBJ FELL, AVAILABILITY<br/> OF WITNESSES AND AVAILABILITY OF SKIN DIVERS VERY IMPORTANT.</p> |   |                     |  |                                |   |  |
| 171455Z<br>17 0955  |   |                     |  |                                |   |  |
| DATE<br><b>16</b>   |   | TIME<br><b>1055</b> |  |                                |   |  |
| MONTH<br><b>Mar</b>   |   | YEAR<br><b>1961</b> |  |                                |   |  |

|   |   |                          |                             |
|---|---|--------------------------|-----------------------------|
| WRITER<br><b>DD FORM 173</b>  | SYMBOL<br><b>AFCIN-4E2x</b>                                 | SIGNATURE                |                             |
| TYPED NAME AND TITLE (Signature if required)<br><b>Major Robert J. Friend</b> | TYPED (or stamped) NAME AND TITLE<br><b>PHILIP G. EVANS</b> |                          | <i>Philip G. Evans</i>      |
| PHONE <b>72111</b>  | PAGE <b>1</b>   | NR. OF PAGES<br><b>1</b> | RELEASED<br><b>Major AF</b> |
| SECURITY CLASSIFICATION   |   | UNCLASSIFIED             |                             |

DD FORM 173 MAY 55. REPLACES DD FORM 173, 1 OCT 49, WHICH WILL BE USED UNTIL EXHAUSTED

HEADQUARTERS  
2d AIR DIVISION (USAFE)  
UNITED STATES AIR FORCE  
APO 616, US Forces



REPLY TO  
ATTN OF: OAI

4 March 1961

SUBJECT: Supplemental Physical Evidence on Unidentified Explosion and Smoke  
over Ras Tanura, Saudi Arabia, 23 February 1961

TO: Air Technical Intelligence Center (AFCIN-4E4g)  
Wright-Patterson AFB, Ohio

The following supplemental information and evidence is forwarded for further consideration and analysis in connection with the unidentified explosion in the air over Ras Tanura, Saudi Arabia, on Thursday, 23 Feb 1961, as reported by Major James W. Green, CO, 21st Weather Sq, Det 12, this station, on 24 Feb 1961:

a. Photographic.

- (1) Still photograph taken by observer in boat on Half Moon Bay, longitude 50.10 E., latitude 26.05 N.
  - (a) Smoke formation resulting from flash explosion followed by series of minor consecutive explosions.
  - (b) Two prints. Negative unobtainable.
- (2) Type and make of camera: AGFA-ISOLETT-120-2 $\frac{1}{4}$ x2 $\frac{1}{4}$ .
- (3) Type focal length and make of lens: 1:4.5 - 85 MM AGFA.
- (4) Brand and type of film: Kodak Verichrome Pan.
- (5) Shutter speed used: 1/100.
- (6) Lens opening used: F-22.
- (7) No filter used.
- (8) Solid stand used: None. Held in boat, trolling slowly.
- (9) No panning used.
- (10) Camera pointing relative to true North, and angle to ground (water), North 45°.

b. Material.

Five fragments (one metallic and 4 charcoal-like), picked up by another observer on South Pier of Aramco refinery at Ras Tanura, Saudi Arabia, reported falling approximately 12 minutes after last explosion

heard. Fragments were turned in to Aramco officials who had tests run on the metal (fresh break) which they reported indicated presence of silver and highly magnetic with very slight radioactivity.

c. Additional Information.

Short flame, white smoke, and series of five consecutive explosions, very high in altitude, were reported by several observers at the Aramco compound and at this station. In one instance only was an object thought to be seen, very small, just before the explosion, and one observer believed he saw a waterspout off the shore as if caused by a falling body shortly after the explosion.

*Boyd Hubbard Jr.*

BOYD HUBBARD, JR.  
Colonel, USAF  
Deputy Commander

2 Atch  
1. Photos (2)  
2. Envel w/samples