# PROJECT 10073 RECORD CARD

**1. DATE**
20 Jan 61

**2. LOCATION**
3855N--9540E, Kansas

**3. DATE-TIME GROUP**
Local 0100
GMT 200700Z

**4. TYPE OF OBSERVATION**
☒ Ground-Visual ☐ Ground-Radar
☐ Air-Visual ☐ Air-Intercept Radar

**5. PHOTOS**
☐ Yes
☒ No

**6. SOURCE**
Military

**7. LENGTH OF OBSERVATION**
10-12 Sec

**8. NUMBER OF OBJECTS**
1

**9. COURSE**
SW-NE

**10. BRIEF SUMMARY OF SIGHTING** Round object size of quarter at arms length. White or blue-green changing to red just prior to burn out. Resembled a large flare. Same brilliance as lightning. No tail, trail, exhaust, or sound. First observed at 90° above horizon and azimuth 250°. Last observed at 10° above horizon and azimuth 70°. Flared out and disintegrated at 35° above horizon and disappeared at 10° above horizon in NE.

**11. COMMENTS** Object probably a bolide. Description given by witness contains such key expressions as "burn out" and "explode," as well as details such as color, duration and brightness which fit well the text book description of these meteors. The possibility of this object being a "re-entry" was checked and determined not to be any known satellite or carrier. It is concluded that this object was a bolide.

**12. CONCLUSIONS**
☐ Was Balloon
☐ Probably Balloon
☐ Possibly Balloon
☐ Was Aircraft
☐ Probably Aircraft
☐ Possibly Aircraft
☐ Was Astronomical METEOR
☒ Probably Astronomical
☐ Possibly Astronomical
☐ Other
☐ Insufficient Data for Evaluation
☐ Unknown

ATIC FORM 329 (REV 26 SEP 52)

DEPARTMENT OF THE AIR FORCE
STAFF MESSAGE DIVISION
UNCLASSIFIED MESSAGE

I N C O M I N G

Maj Jarrell R/SCC

AF IN : 3029 (31 Jan 61)

ACTION: CIN-14

INFO : OOP-2, OOP-CP-1, SAFS-3 (21)

SMD B 242

CØ39ZCWJB326

PP RJEZHQ

DRZ[illegible]CBFBA124

PP RJWFALB RJWFKF RJEDSQ RJEZHQ

DE RJEBFB 18

P 311629Z

FM 21 AIRDIV FORBES AFB KANS

TO RJWFALB/ADC ENT AFB COLO

RJWFKF/33AIRDIV RICHARDS GEBAUR AFB MO

RJEDSQ/ATIC WRIGHT PATTERSON AFB OHIO

RJEZHQ/COFS USAF WASH DC

RJEXHQ/OSAF WASH DC

BT

UNCLAS FROM 40DCOI 1484. SUBJECT. UFO REPORT.

ACTION ADC, 33AIRDIV, ATIC WRIGHT-PATTERSON, COFS (AFCIN), OSAF (SAFIS).

A. DESCRIPTION OF OBJECT

(1) ROUND SHAPE

(2) SIZE OF QUARTER HELD AT ARMS LENGTH.

(3) WHITE OR BLUE-GREEN, CHANGING TO RED JUST PRIOR TO BURN OUT.

(4) ONE

(5) NO FORMATION

(1) 0700Z 20 JANUARY AT TIME OF SIGHTING

(2) NIGHT

E. LOCATION OF OBSERVERS.

(1) 38 DEG 55 MIN NORTH - 95 DEG 40 MIN EAST

F. IDENTIFYING INFORMATION ON OBSERVER

MILITYAR: J.D. BOURGEOIS, SSGT, 2027 AACS SQDN, TOWER OPERATOR, COMPLETELY RELIABLE. LEO HACKWORTH JUNIOR, A/2C DETACHMENT SIX, OF TWENTY SIX WEATHER SQDN, WEATHER OBSERVER, COMPLETELY RELIABLE.

G. WEATHER AND WINDS

(1) CLEAR, CALM, FULL MOON.

(2) WIND DIRECTION AND VELOCITY: TEN KNOTS FROM 160 AT 2000 FT. FIFTEEN KNOTS FROM 290 AT 6000 FT. THIRTY FIVE KNOTS FROM 300 AT 10000 FT. FORTY FIVE KNOTS FROM 300 AT 16000 FT. FIFTY KNOTS FROM 320 AT 20000 FT. SEVENTY FIVE KNOTS FROM 300 AT 30,000 FT. SEVENTY FIVE KNOTS FROM 290 AT 50,000 FT.

(3) CEILING UNLIMITED

(4) VISIBILITY FIFTEEN MILES

(5) ZERO CLOUD COVER

(6) ZERO THUNDERSTORMS

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(6) RESEMBLED A LARGE FLARE.

(7) NO TAIL, TRAIL, OR EXHAUST

(8) SILENT

(9 SAME BRILLIANCE AS LIGHTNING

B. DESCRIPTION OF COURSE OF OBJECT.

(1) OBSERVER ATTENTION ATTRACTED BY BRIGHT LIGHT.

(2) FIRST OBSERVED AT NINETY DEGREES ABOVE HORIZON AND AZIMUTH TWO HUNDRED FIFTY DEGREES.

(3) LAST OBSERVED AT TEN DEGREES ABOVE HORIZON AND AZIMUTH SEVENTY DEGREES.

(4) MOVING TOWARD EAST.

(5) FLARED OUT AND DISINTEGRATED AT THIRTY FIVE DEGREES ABOVE HORIZON AND DISAPPEARED AT TEN DEGREES ABOVE HORIZON IN NORTH EAST.

(6) OBSERVED FOR TEN OR TWELVE SECONDS

C. MANNER OF OBSERVATION.

(1) GROUNJ VISUAL

(2) NO OPTICAL AID.

(3) NEGATIVE

D. DATE AND TIME OF SIGHTING

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STAFF MESSAGE DIVISION
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# INCOMING



(7) TEMPERATURE GRADIENT - SIXTEEN AND NINA

H. TEMPERATURE INVERSION AT 8000 FT. TROPOPAUSE AT 38,000 FT.

I. NO INTERCEPTION OR IDENTIFICATION ACTION

J. NO AIR TRAFFIC OR BALLOON RELEASES

K. CHIEF, INTELLIGENCE DIVISION, 40TH BOMB WING. AN UNIDENTIFIED FLYING OBJECT WAS SEEN BY OBSERVERS. THE OBJECT WAS PROBABLY A METEOR.

L. NO PHYSICAL EVIDENCE.

BT

31/1720Z JAN RJEBFB