

1. DATE - TIME GROUP 21 November 53 21/2300Z, 22/0115Z, 22/0115Z, 22/0119Z, 22/0120Z, 22/0121Z, 22/0200Z.	2. LOCATION Kirtland AFB, New Mexico ✓
3. SOURCE Varied	10. CONCLUSION Astronomical (METEOR SHOWER)
4. NUMBER OF OBJECTS Two	OIC, Flt 1-D, 4602d AIBS, evaluates observation as possible
5. LENGTH OF OBSERVATION 1. 1 Sec, 1 Sec. 2. 2-3 Seconds	11. BRIEF SUMMARY AND ANALYSIS Two quick successive blue flashes of light was observed by AF pilot and controller at Control Tower. Pilot saw bright illuminates above and behind a/c. Multiple observations.
6. TYPE OF OBSERVATION Ground & Air-Visual	
7. COURSE Not Reported	
8. PHOTOS <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
9. PHYSICAL EVIDENCE <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

~~SECRET~~

21 Nov 53 7

White

3 DEC 53 00

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352

~~SECRET~~

WPE005

YMB002

1953 DEC 3

12:14

WYD273

WMB207

1. } ATIA
2. }
3. }
4. AT1 Reading File

Auton

JWFKD150

PP/RR JWFRD JEDEN JEDKF JEDWP JEPHQ 555

DE JWFKD 90

P/R 021935Z

FM FLT 1-D 4602D AISS KIRTLAND AFB NMEX

TO JEDEN/COMDR ADC ENT AFB COLO

JEDWP/COMDR ATIC WRIGHT PAT AFB OHIO

JEPHQ/DIR OF INTELLIGENCE HQ USAF WASH DC

INFO JEDEN/COMDR 4602D AISS ENT AFB COLO

JWFRD/D/I 34TH AD /D/ KIRTLAND AFB NMEX

JEDKF/D/I CADF KANSAS CITY MO

~~████████████████████~~ SS-12-1. UFOB F1D PD REF AFR 200-2 DTD 26 AUG 53
CMA THE FOL INFO IS SUBM PD REF PAR 6B CLN 1A AND 1B UNKN PD 1C
KBLUISH WHITE PD 1D ONE FLASH OF LIGHT PD 1E NEG PD 1F SAW ONLY
ILLUMINATION IN SKY PD 1G AND 1H NEG PD 1I FLASH OF LIGHT VERY BRILLIANT
SIMILAR TO LIGHTING OR ACK-ACK BURST SOMEWHERE BEHIND ACFT CMA
ILLUMINATED CANOPY CMA COCKPIT AND TOP OF WINGS PD PAR 2A THE FLASH PD
2B TO 2E INCL N/A PD 2F SPLIT SECOND PD PAR 3A AIR VISUAL PD 3B NONE
PD 3C T-33 CMA 51-4529 CMA 8000 FT TRUE ALT CMA 360 DEGREES CMA 320 MPH
INDICATED CMA NELLIS AFB CMA LAS VEGAS CMA NEV PD PAR 4A 21/2300Z/NOV
53 PD 4B NIGHT PD PAR 5 PD 3 MILES SE KIRTLAND AFB CMA NEW MEXICO PD

DOWNGRADED AT 3 YEAR INTERVALS;
DECLASSIFIED AFTER 12 YEARS.
DOD DIR 5200.10

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PAR 6A NEG PD 6B ~~████████████████████~~ CMA 1ST LT CMA 3525 ACFT GNR SQ CMA
INSTR SEN OFG GNR INDOC CRSE PD PAR 7A BROKEN STRATO CUMULUS 8000 TO
11000 FT CMA DRY CMA TEMP UNKN PD 7B WIND VEL AT 20000 FT ESTIMATED
330 DEGREES CMA 45 KNOTS AT 30000 FT ESTIMATED 320 DEGREES CMA 50 TO
55 KNOTS CMA AND AT 40000 FT ESTIMATED 320 DEGREES CMA 30 KNOTS CMA
SURFACE DATA N/A PD 7C 5000 FT SCATTERED PD 7D 60 MI PD 7E 5/10 THS
STRATO CUMULUS PD 7F CLEAR NO WEATHER PD 8 NONE PD 9 AND 10 NEG PD 11
UNKN PD 12 PREPARING OFF AND COMMENTS CLN WOJG KARL MAEDER CMA FLT
1-D 4602D AISS CMA ASST OIC CMA KIRTLAND AFB CMA NM PD POSSIBLE CAUSE
METEOR OR METEOS ENTERING EARTHS ATMOSPHERE PD END ~~████████████████████~~

02/2301Z DEC JWFKD

UNCLASSIFIED

Cy-1

27 NOV 1953 09 50 :

Action
RH

~~_____~~
~~_____~~

(1) ATIAE
R. Alia
B.
H.R. Yele

UNCLASSIFIED

RB070 VT
WPE 056M
YMA032
NYD030

WMB018

JWFKD011

PP/RR JEDEN JEDKF JEDWP JEPHQ JWFRD 555

DE JWFKD 71

P/R 251945Z JNJ

FM FLT 1-D 4602D AISS KIRTLAND AFB NMEX

TO JEDEN/COMDR ADC ENT AFB COLO SPRINGS COLO

KJEDWP/COMDR AIR TECH INTELLIGENCE CEN WRIGHT PATTERSON AFB OHIO ✓

JEPHQ/D/I HQ USAF WASHDC

INFO JEDEN/COMDR 4602D AISS ENT AFB COLO SPRINGS COLO

JWFRD/D/I 34TH AD /D/ KIRTLAND AFB NMEX

JEDKF/D/I CADF KANSAS CITY MISS

~~XXXXXXXXXXXX~~
AISS-11-20 PD UFOB F1D PD REF AFR 200-2 DT 26 AUG 53 CMA THE FOLLOWING
INFO IS SUBMITTED PD REF PAR6B CLN 1A ROUND PD 1B PEA PD 1C YELLOWISH
WHITE LIKE A FALLING STAR PD 1D ONE PD 1E NEG PD IF LIGHT BURNING MASS
PD 1G NONE SEEN PD 1H NONE PD 1I OBJECT LOOKED SOLID PD 2A A SUDDEN
BRIGHT FLASH PD 2B CMA AND 2C CMA 70 TO 80 DEGREES CMA SW PD 2D FALLING
AT 70 TO 80 DEGREE ANGLE PD 2 FADE OUT PD 2F ONE SECOND PD 3A AIR VISUAL
PD 3B NONE PD 3C F86 CMA NO 225 CMA 25000 FT CMA WEST CMA 260 KNOTS
PAREN IAS PAREN CMA KIRTLAND AFB PD 4A BET 22/0200/Z TO 22/0210/Z NOV
53 PD 4B DUSK PD 5 40 MI S OF KIRTLAND AFB PD 6A NEG PD 6B ~~XXXXXXXXXX~~
~~XXXXXXXXXX~~ CMA 1ST LT CMA USAF CMA 93D FIS CMA DEF CMA KAFB CMA NM CMA

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ALERT PILOT CMA RELIABILITY EXCELLENT PD 7A CLEAR SKY CMA NO WIND CMA
DRY WEATHER CMA WARM INSIDE COCKPIT PD 7B WIND VEL AT 20000 FT ESTIMATED
330 DEGREES CMA 45 KNOTS CMA AT 30000 FT ESTIMATED 320 DEGREES CMA 50
TO 55KNOTS CMA AND AT 40000 FT ESTIMATED 320 DEGREES CMA 30 KNOTS CMA
SURFACE DATA N/A PD 7C 5000 FT SCATTERED PD 7D 60 MI PD 73 5/10
THS STRATO CUMULUS PD 7F CLEAR NO WEATHER PD 8 NONE PD 9 AND 10 TO
PD 11 UNKN PD 12 PREPARING OFF AND COMMENTS CLN CAPT WALTER E SWIRSKI
FLT 1-D 4602D AISS OFFICER IN CHARGE CMA KIRTLAND AFB NM PD POSSIBLE
CAUSE METEOR OR METEORS ENTERING EARTH'S ATMOSPHERE PD END PD

22 Nov 53
SHEMYA ISLAND

Hydrographic Bulletin

A cooperating observer reports the following: At 1610 G. M. T., November 22, 1953, while lying off Shemya Island in lat. $52^{\circ}52'$ N., lon. $174^{\circ}13'$ E., observed a large meteor. It appeared at (approx.) 35° altitude traveling in a westerly direction. Visible for approximately 20 seconds, it traveled horizontally a distance of about 60° of arc from east to west. The meteor first appeared as a bright ball of fire with a brilliant green-tinted fire trail behind it. Midway in its arc of flight it seemed to burst into two very bright balls of fire, then all disappeared at about 15° altitude.

Weather was cloudy, with bright moonlight.