## PROJECT 10073 RECORD CARD

1. DATE 24 Nov 55	2. LOCATION Hokkaido, Japan		12.	Probably Balloon	
3. DATE-TIME GROUP  Local  GMT 24/1613Z  5. PHOTOS  O Yes  XD No  7. LENGTH OF OBSERVATION	4 TYPE OF OBSERVATION Ground-Visual Air-Visual 6. SOURCE military (F-86 P 8. NUMBER OF OBJECTS	Ground-Radar  Air-Intercept Radar  110t)  9. COURSE	SZX	Possibly Balloon  Was Aircraft Probably Aircraft Possibly Aircraft  Was Astronomical Moon Probably Astronomical Possibly Astronomical Other	
5 min 10. BRIEF SUMMARY OF SIGHTING		Is ta 11. COMMENTS	0	Unknown	
On mission at 25,000 a red glow of high inemsity was sighted (stationary). First looked like a/c on fire or afterburner. First spherical shape, then changed to oblong, retaining brightness. Glow disappeared gradually within 5 min.		Refraction of setting moon. See Dr Hynek's evaulation			

ATIC FORM 329 (REV 26 SEP 52)

Ref: Case: 24 Nov. 1955 Holkaide, Japan. was reported as of 16:13 Z or borg. 140 E. and 52° N, on Noi. 24, 1955. Olow paper En 6 hove treen lan on horrjon at aquiette (bearing) 3/2°. 78 mog entergy to compute the againeth of the gibbour moon at that existant (16:13 7) at Hothair. at that time the right assessmi grown was approx. 23 32 m, and its declination, approx. + 2° 42'. Competation spous that against local sintered time of forthails at GC. T. 16 13 was 30 24.

and at Attitude it was therefore 54 48 The Love curgle of the moon (t) was therefore 64 16 m.

To obtain the againsth of the moon, we employ:

ton 2 = sin t on 5- sin part

where t = agements, or fearing t : Lows angle of never & = latitude. 5 = declination of more

substitutions we find that tou 2= 1.180 (approx) 7 n 49 1/2 W.

The against A is thousand 360-491/2 = 3101/2.

Since the reforted bearing was 312°, if would appear that

3

the flow and the position of the settling moon \* at that time of evere estentical enither allowable errors of Manuation. Moon set at Hophaids tool Local time of sighting was

1:37 A.M. The moon wo, therefore, about & set. Leer lu substantiantion of identity of object suguited with the woon is hardly needed, it is con to pointed out that mornet on the seever con for server the atrusphere comes the moon to appear a quite red. Turchy? as is cello the come with the setten, seen, atmosphenic refraction cause the moon & Xs appear somewhat oblong mis The presence que budo d'

PRIOR TO DECLASSIFICATION

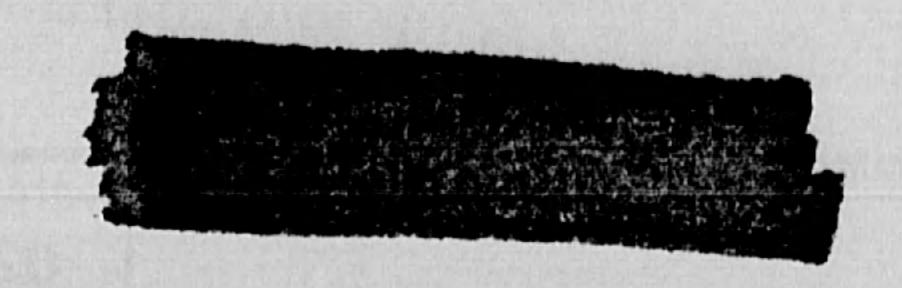
OASSI OR RJEDEN RJEDWP DE RJEPHQ 124 Classification Cancelled

OR Change to Marie

Auth: MER 205-10

PORA 2-116-111

By H. Quentamille

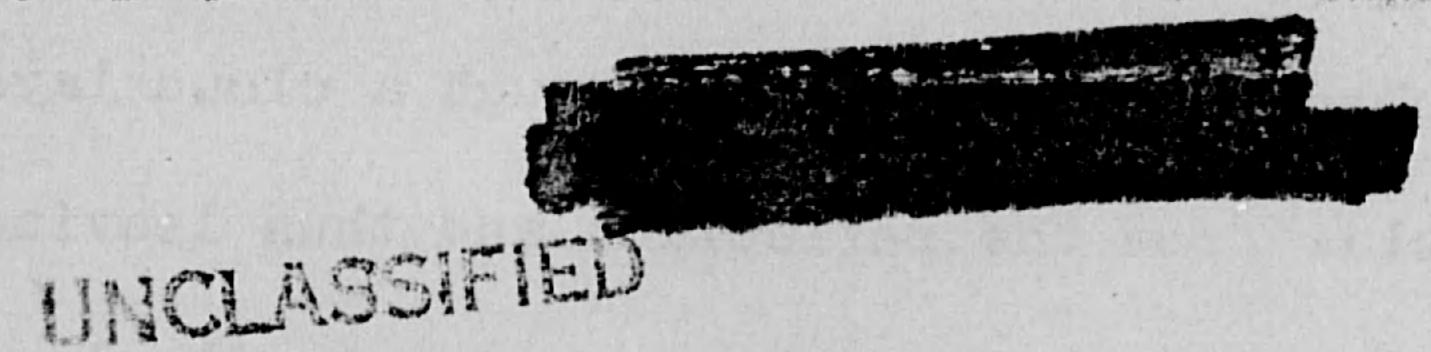


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FM HEDUSAF WASHDC
TO RJEDEN/CINCONAD ENT AFE COLO

DJEDWP/ATIC WRIGHT PATTERSON AFB DAYTON OHIO

FROM CLN AFOIN-2A1 52776 FOLLOWING UNEVALUATED MESSAGE RECEIVED FROM CMDR FEAF ON 1 DEC PASSED TO YOUR HQ AS UFOB CLN DUOTE CLN ON 25 NOV AT 31131 (2416132) A PILOT IN AN F-35D CN A TACTICAL MISSION CMM WHILE AT 25,333 FT ALT AT POS 45-52M/141-45E CMM SIGHTED A RED GLOW OF HIGH INTENSITY. HE TURNED ACFT TO HEAD 512 DEGREES CMM AND THE ACFT VAS HEADED TOWARD THE GLOW. GLOW APPEARED STATICHARY AT 230 MILYS DIST, APPROX SIZE WAS ONE INCHDIAMETER AT CHE YARD DIST. THE GLOW AT FIRST LOCKED LIKE AM ACFT ON FIRE CMM OR AN AFTER-BURNER. GLOW WAS FIRST IN A SPHERICAL SHAPE CMM THEN SPREAD INTO AN OLONG SHAPE CMM RETAINING ITS BRIGHTNESS. TUC MINUTES WERE REQUIRED TO EXVELOP SPHERE AND DRIGHTNESS CMM AND AN ABDITIONAL TWO MINUTES CEPPEAD INTO AN OBLONG SHAPE. AT THE END OF FOUR



PAGE TWO RJEPHQ 124

MINUTES APPRCY ONE-FIFTH OF THE GLOU AREA HAD BECOME OBSCURED.

AT 2531131 THE GLOW WAS GOLD. COLOR DURING SIGHTING WAS DEEP

RED WITH ORANGE TINT. HOW ALDO WEATHER AT TIME OF SIGHTING WAS

OVERCAST FROM SIX THOU TO I JELVE THOU FT. CLEAR ABOVE TWELVE THOU

CHAIN NO MOCH CHAIN AND PITCH PLACK. FEAF COMMENT CLM THIS INFO WAS

DELAYED AS IT HAD BEEN IN THE PROCESS OF BEING TREATED AS A ROUTINE

REPORT CHM TO BE PUT ON AN IR CHM AS IN THE PAST CHM REPORTS OF

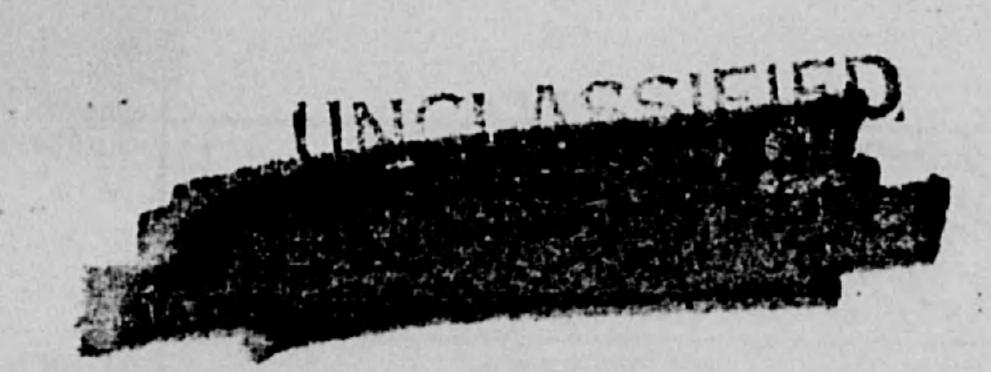
THIS MATURE HAVE BEEN TRANSMITTED BY IR RATHER THAN BY RADIO.

UNQUETE NO ADDITIONAL INFO THIS HQ TO ASSIST IN EVALUATION.

J1/1924Z DEC RJEPHQ

1.4EH

217 6



4 4×20 115

755-20749-1

in his		100	
RC	UT	IN	G

COMMUNICATIONS CENTER NO.



INFO:

ALL DITECTION OF DATE-TIME GROUP IS QUOTED REFERENCE IF THE DATE-TIME GROUP IS QUOTED

021130Z Dec 55

**BOOK MESSAGE** 

MULTIPLE ADDRESS

52776

DATE-TIME GROUP

PRECEDENCE

FOR:

IDENTIFICATION

15103

□ NO

ORIGINAL MESSAGE

CRYPTOPRECAUTION

CLASSIFICATION

REFERS TO MESSAGE:

SPACE ABOVE FOR COMMUNICATIONS CENTER ONLY FROM: (Originator)

COMDR ATIC

TO: D/I HQ USAF WASHINGTON 25 D C

De-4-1208

FROM: AFOIN-LEL

FOR: AFOIN-2A1

Reference your message 52776 dtd 011902Z Dec concerning UFOB sighting by F-86 pilot over Hokkaido, Japan. Preliminary evaluation by ATIC as follows; Probable reflection of moon through cloud layer.

Moon at that time of year was in first quarter and set sometime around midnight. The reflection of sunlight from the moon through a cloud layer would result in the cloud filtering the blue from the reflection and thus leaving a reddish-orange glow. The moon would not be visible to the observer due to its low position on the horizon and its obstruction from view by existing cloud layers.

COORDINATION:

DD 1 OCT 49 173

Dr. H. A. Miley

DATE 12/5-155

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T55-20818

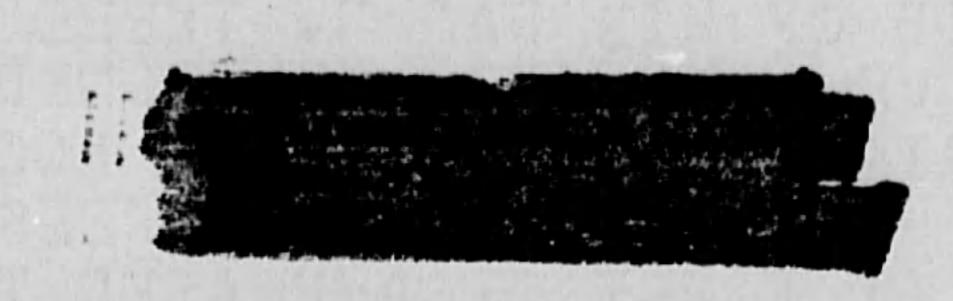
		R
	חדר ה	
DREPPERD, ALBERT W, T/Sgt,	USAF	REN
SYMBOL A RYO TNI_A E.A.	TELEPHONE 69216	OFFICIA

REPLACES NME FORM 173, 1 MAY 49,

WHICH MAY BE USED.

U. S. GOVERNMENT PRINTING OFFICE

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DECISION DINCLASSIFIED

HQØ22 RR RJEDWP RR RJEDEN RJEDWP DE RJEPHO 103

PARA CATE ALL PRIO

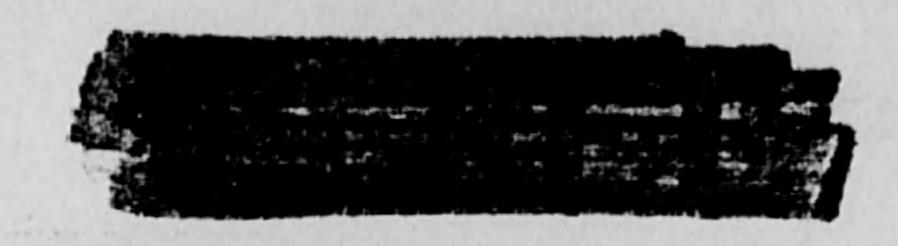
PARAPHRASE NOT REQUIRED EXCEPT PRIOR TO CATEGORY B ENCRYPTION—PHYSICALLY REMOVE ALL INTERNAL REFERENCES BY DATE-TIME GROUP PRIOR TO DECLASSIFICATION

FM HEDUSAF WASHDC
TO RJEDEN/CINCONAD ENT AFB COLO
RJEDWP/ATIC WRIGHT PATTERSON AFB DAYTON OHIO

/FROM CLN AFOIN-2A1 53 Ø3 2 REFERENCE IS MADE TO HOUSAF 52776 CMM DATED 1 DEC 1955. FOLLOWING UNEVALUATED MESSAGE CMM ON SAME SUBJECT CMM FROM COMDR FEAF ON 3 DEC PASSED TO YOUR HEADQUARTERS. QUOTE CLN THE FOLLOWING INFO FROM THE 39TH AIR DIV INCLUDING A PILOTS INTERROGATION REPORT IS FORWARDED FOR YOUR INFO CLN

1. EVALUATION OF PILOT CLN 1/LT DURFEY CMM MILES CMM AO 2228Ø24 CMM 339 FIS IS CONSIDERED A COMPLETELY RELIABLE SOURCE. THE DEBRIEFING OFFICER EVALUATED THE SOURCE AND PROBABILITY OF THE INFORMATION AS A-2. LT DURFEY HAS BEEN EN EYEWITNESS TO APPROXIMATELY SEVEN PREVIOUS NUCLEAR EXPLOSIONS FROM THE GOUND DURING MARCH TO JUNE 1954 CMM FROM LAS VAGAS CMM NEVADA CMM APPROX 8Ø MILES AWAY. FURTHER STATES HE HAS SEEN NUMEROUS TRAINING FILMS AND MOVIES OF EXPLOSIONS.

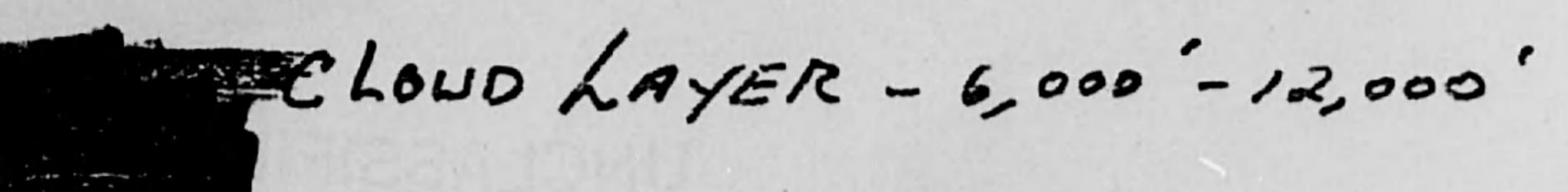
UNCLASSIFIED



PAGE TWO RJEPHQ 103 IT IS HIS OPINION THAT IT WAS AN ATOMIC EURST AND THAT'S ALL IT COULD HAVE BEEN.

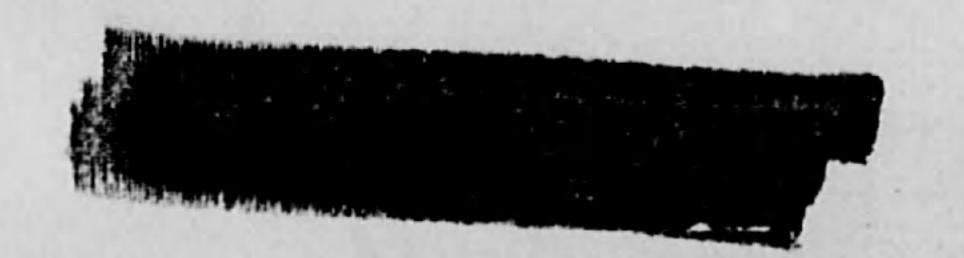
2. LT DURFEY STATED ORIGINALLY THAT HE THOUGHT IT WAS AT LEAST 200 MILES AWAY CLN LATER MATHEMATICAL COMPUTATIONS BY HIM PLACED THIS FIGURE AS BETTER THAN 500 MILES. PARAGRAPH 3.02 CMM CAPT 3. VOL II. RADIOLOGICAL DEFENSE. NOV 51 PUBLISHED BY ARMED FORCES SPECIAL WEAPONS PROJECT STATES CLN QUOTE IN ONE OF THE TEST EXPLOSIONS AT NEVADA IN 1951 THE GLARE IN THE SKY CMM IN THE EARLY HOURS OF THE DAWN WAS VISIBLE OVER 400 MILES AWAY. UNQUOTE. FROM 25,000 FEET IT IS POSSIBLE THAT LT DURFEY COULD HAVE SEEN THE BALL OF FIRE AT 400 OR EVEN MORE MILES AWAY. FURTHER THE ABOVE MENTIONED VOLUME STATED THAT A HIGH AIR BURST WOULD START AT 4,000 AND GO UP TO 30,000 TO 60,000 FEET. 3. THE FOLLOWING IS COPY OF THE SIGNED STATEMENT MADE BY LT DURFEY WHICH IS IN THE MAIL TO YOUR HEADQUARTERS CLN QUOTE. AT Ø1Ø6 HOURS CMM 25 NOVEMBER 55 CMM I WAS SCRAMBLED OUT OF CHITOSE UNDER THE CALL SIGN OF "SHARPY REC." THE MISSION WAS TO INVESTIGATE A GCI RADAR PICKUP OF A PRESUMABLY UNKNOWN AIRCRAFT. THE VECTOR FOR OUR FLIGHT OF TWO F-86D AIRCRAFT WAS GIVEN TO US 360 DEGREES CMM AND WE WERE TO ACENT TO AN ALTITUDE OF 25,000 FEET WHILE CLIMBING OUT ON THIS HEADING. IMMEDIATELY AFTER TAKEOFF CMM MY WINGMAN'S RADIO-RECEIVER BECAME INOPERATIVE AND COULD NOT BE CONTACTED FOR THE REMAINDER OF THE FLIGHT. I WENT INTO A THIN OVERCAST AT ABOUT-6,000 FEET AND BROKE OUT AT 12,000 FEET. MY WINGMAN AT THIS TIME WAS APPROX FIVE MILES BEHIND

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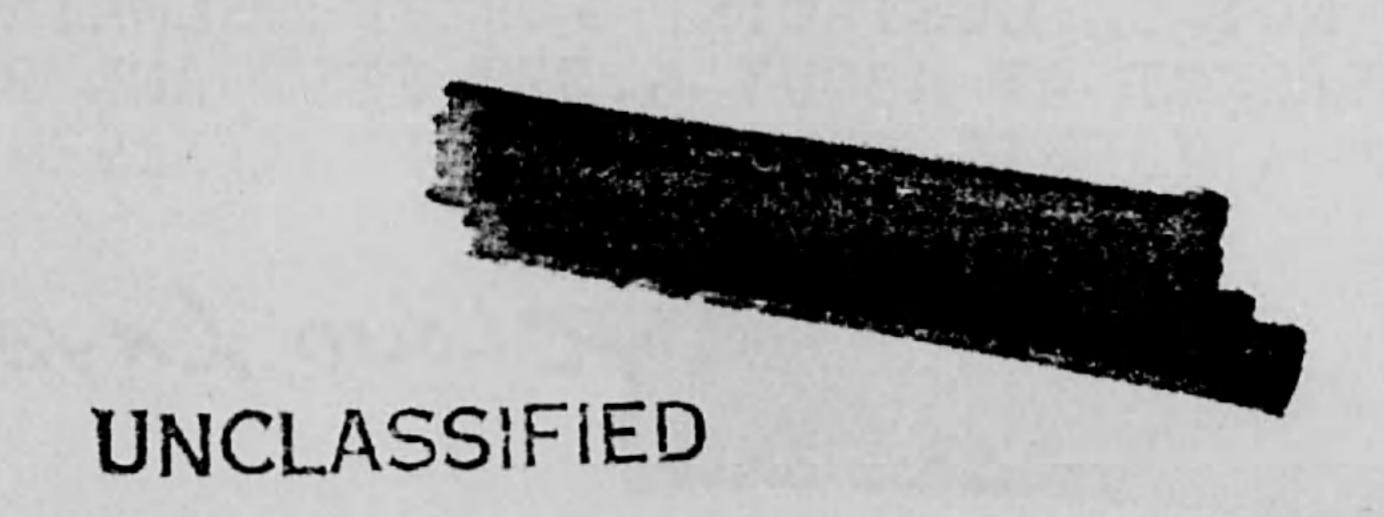
PAGE INKEL KULPHU IW AND WAS FOLLOWIN ME WITH THE AID OF HIS RAF R. THERE WERE NO CLOUD CONDITIONS OF ANY KIND ABOVE LAYER FOR MENTIONED CMM AND THE VISIBILITY WAS EXTREMELY GOOD. AT APPROX Ø1131 CMM LOCATION WD 6560 CMM ALTITUDE 25,000 FEET AND ON HEADING OF 360 DEGREES. I BECAME AWARE OF A RED GLOW TO MY LEFT. AT FIRST IT APPEARED TO BE A REFLECTION FROM THE COCKPIT INSTRUMENT LIGHTS CMM BUT I ELIMINATED THAT POSSIBILITY BY PUTTING MY HAND AGAINST THE CANOPY AND PEERING THROUGH TWO SPREAD FINGERS WITH MY HEAD AGAINST MY HAND. I NEXT THOUGHT THE GLOW MAY BE COMING FROM AN AIRCRAFT ON FIRE CMM BUT AS THE LIGHT WAS NOT MOVING CMM THIS POSSIBILITY WAS ALSO ELIMINATED CMM I NEXT THOUGHT THAT THE GLOW MIGHT BE COMING FROM THE AFTERBURNER OF ANOTHER AIRCRAFT CLOSE BY. THIS POSSIBILITY WAS ELIMINATED BY TURNING INTO THE DIRECTION OF THE GLOW. THE GLOW REMAINED STATIONARY AND A HEADING OF 312 DEGREES WAS ESTABLISHED TO PLACE THE LIGHT DIRECTLY AHEAD OF THE AIRCRAFT. AS THE MISSION WAS STILL IN PROGRESS I TURNED BACK TO A HE ING OF 360 DEGREES. AT THIS POINT IT WAS ESTIMATED THAT A LITTLE MORE THAN TWO MINUTES HAD ELAPSED. SHORTLY AFTER THE TURN THE GLOW BEGAN TO FLATTEN OUT FROM ITS ORIGINAL SPHERICAL SHAPE PAREN TO CLARIFY A STATEMENT MADE IN AN EARLIER REPORT CMM THIS OBLONG OR FLATTENED STAGE COULD BE COMPARED TO THE KNOWN "MASHROOM" STAGE WHICH RESULTS AFTER AN EXPLOSION OF THIS KIND. HOWEVER CMM THE STEM CMM IF THERE WAS ONE CMM OF THIS MUSHROOM STAGE WAS NOT VISIBLE. PAREN THIS GLOW WAS FLATTENED ON A HARIZONTAL PLANE AND THE ILLUMINATION IN THIS STAGE LASTED FOR APPROX TWO MINUTES. AFTER THIS STAGE THE LIGHT FADED OUT MODERATELY

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PAGE FOUR RJEPHQ FAST CMM I.E. IN LESS THAN THIRTY SECONDS. MY LOCATION WAS WD 8585 WINPPP FEET CMM 11181. THE TOTAL PERIOD OF MY OBSERVANCE THUS WAS ABOUT FIVE MINUTES. TO APPROXIMATE THE SIZE OF THE GLOW CMM A SPHERE ONE-HALF INCH IN DIAMETER HELD AT A ONE YARD DISTANCE FROM THE EYE WOULD SHOW IN COMPARISON WHAT I SAW FROM THE COCKPIT. AT 500 STATUTE MILES THIS WOULD MAKE THE DIAMETER OF THE SPHERE TO BE SLIGHTLY LESS THAN SEVEN MILES ACROSS. THE COLOR OF THE GLOW THROUGHOUT THE ENTIRE TIME WAS A DEEP RED WITH AN ORANGE TINT. IT APPEARED THAT THE HIGHEST INTENSITY OF THE LIGHT WAS REACHED JUST PRIOR TO THE FLATTENING-OUT PROCESS. IN THE LATTER PART OF THE OBSERVANCE PERIOD AN ELONGATED DARK OBJECT, APPEARED HORIZONTALLY TO THE LEFT AND IN THE MIDDLE OF THE SPHERE. THIS CLOSELY RESEMBLED A CLOUD FORMATION AND BLOCKED OUT APPROXIMATELY ONE-FIFTH OF THE SPHERE. I WAS UNABLE TO CONTACT MY WINGMAN. I COULD NOT GET HIM TO VERIFY ANY OF MATION. UNQUOTE. FEAF COMMENT CLN AT THE TIME OF INCIDENT THE MOON FROM THE POSITION OF THE AIRCRAFT THE MOON SET AT OF THE INCIDENT. THERE IS NO ADDITIONAL EVIDENCE TO SUBSTANTIATE THAT THIS WAS AN ATOMIC EXPLOSION. HISTORICALLY CMM THERE IS NO RECORD OF NUCLEAR EXPLOSIONS IN THIS AREA. UNQUOTE REQUEST AFOIN-4 EVALUATION AS SOON AS POSSIBLE.

81 87/1832Z DEC RJEPHQ



735-2-1200-

ROUTING COMMUNICATIONS CENTER NO. SPACE ABOVE FOR COMMUNICATIONS CENTER ONLY FROM: (Oziginator) DATE-TIME GROUP Dec 55 ACTION PRECEDENCE CBMDR ATIC Routine FOR: TO: BOOK MESSAGE ORIGINAL MESSAGE D/I HQ USAF WASHINGTON 25 D C CRYPTOPRECAUTION MULTIPLE ADDRESS NO YES REFERS TO MESSAGE: 4-12-42 IDENTIFICATION CLASSIFICATION 52776 53032 INFO:

FROM: AFOIN-4E4 FOR: AFOIN-2Al

Reference your messages 53032 dtd 071826Z Dec and 52776 dtd 011902Z Dec. Although the time element and description of the glow could coincide with a nuclear explosion, it is unlikely that this cause initiated the report for the following reasons;

- a. Negative historical report from Far East sources maintaining SEISMOGRAPH Vigil.
- b. No previous explosions reported from that particular location of the glow.

PAGE 7

Reference our message IC 41208 dtd 021130Z Dec. Evaluation contained therein remains the same. However, one discrepancy remains to be clarified. In your message 53032, the following statement appears; "FEAF comment, at the time of incident, the moon was at 191 degrees from the position of the aircraft." Should this azimuth location read 291 degrees? A position of 191 degrees would locate the moon in a SSE direction at time of setting. A position of 291 degrees would establish the correct approximate location in the West at setting. T55-21507 UNCLASSIFIED

COMMUNICATIONS CENTER NO. JOINT MESSAGEFORM ROUTING SPACE ABOVE FOR COMMUNICATIONS CENTER ONLY DATE-TIME GROUP FROM: (Originator) ACTION INFORMATION PRECEDENCE FOR: TO: BOOK MESSAGE ORIGINAL MESSAGE CRYPTOPRECAUTION MULTIPLE ADDRESS YES ☐ NO REFERS TO MESSAGE: CLASSIFICATION IDENTIFICATION INFO: Request clarification. COORDINATION: Dr. H. A. Miley

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PAGE 2 OF 2 PAGES.

OFFICIAL TITLE

OFFICIAL TITLE

DEC 1955

MAJOR, USAF,

DD 1 OCT 49 173

AFOIN-4E4

SYMBOL

DRAFTER'S NAME (and signature, when regulated)

REPLACES NME FORM 173, 1 MAY 49, WHICH MAY BE USED.

TELEPHONE

69216

c9-16-58923-4 U. S. SOVERNMENT PRINTING OFFICE

HECOMPTION

HQØØ7 PP RJEDWP PP RJAPAD RJEDWP RJEDEN

DE RJEPHQ 148

16 DEC 1955

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1-01N-4-2-4E4

FM HED USAF WASH D C
TO RJAPAD/COMFEAF TOKYO JAPAN

INFO RJEDWP/AIR TECHNICAL INTEL CENTER WRIGHT-PATTERSON AFB OHIO RJEDEN/CINCONAD ENT AFB COLO

FROM AFOIN-2A1 53453 YOUR INDICATIONS MESSAGES NO.
53 AND 56 PASSED TO AFOIN-4 (ATIC) FOR INFO AND EVALUATION. AFOIN-4
HAS REQUESTED CLARIFICATION YOUR MESSAGE WHICH STATES QUOTE AT
THE TIME OF INCIDENT THE MOON WAS AT 191 DEGREES FROM THE POSITION
OF THE AIRCRAFT END QUOTE

AFOIN-4 QUERRIES QUOTE SHOULD NOT THIS AZIMUTH LOCATION READ 291
DEGREES. A POSITION OF 191 DEGREES WOULD LOCATE THE MOON IN SSE
DIRECTION AT TIMEOF SETTING WHEREAS A POSITION OF 291 DEGREES WOULD
ESTABLISH THE CORRECT APPROXIMATE LOCATION IN THE WEST AT SETTING
END QUOTE. REQUEST YOUR COMMENT BE ADDRESSED TO AFOIN-4 (ATIC)
WITH INFO AT ADC AND THIS HEADQUARTERS.

BT 15/235ØZ DEC RJEPHQ PARAPHRASE NOT REQUIRED EXCEPT PRIOR TO CATEGORY R UNICLEASED BY DATE-TIME GROUP PRIOR TO PRI

UNCLASSIFIED

55-21827-2

called 25.2

Dis 19 12 29 35

RBØØ2 WPFØ46 YMAØ26 XYAØ85 QXC189 QDAØ38PQA152ADAØ51L

PP RJEDEN RJEDWP RJEPHQ

DE RUAPAD 101A

P 19Ø746Z

FM COMDR FEAF TOKYO JAPAN

TO RJEDWP/COMDR ATIC WRIGHT PATTERSON AFB DAYTON OHIO

INFO RJEPHQ/COMDR HDQ USAF WASHINGTON D C

RJEDEN/COMDR ADC ENT AFB COLO

BT

UNCL DI-E 51664. ATTN AFOIN-4. ATTN AFOIN 2A1. INTERIM REPLY HDQ USAF
AFOIN 2A1 MESSAGE CITE 53453. SOURCE BEING QUERIED FURTHER. FINAL REPLY
WILL BE FORWARDED UPON RECEIPT OF INFORMATION.

חדי

19/Ø75ØZ FEC RJAPAD

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