## PROJECT 10073 RECORD CARD

1. DATE 24 Nov 55	Hokkaldo, Japan		12. CONCLUSIONS  D Was Balloon Probably Balloon	
3. DATE-TIME GROUP  Local  GMT 24/1613Z  5. PHOTOS  D Yes  XD No	4. TYPE OF OBSERVATION  — Ground-Visual  A Air Visual  6. SOURCE  military (F-86 P	Ground-Radar  Air-Intercept Radar	Possibly Balloon  Was Aircraft Probably Aircraft Possibly Aircraft  Was Astronomical Moon Probably Astronomical Possibly Astronomical Possibly Astronomical	
5 min	8. NUMBER OF OBJECTS	9. COURSE sta	Other	
On mission at 25,000 a red glow of high ineasity 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)

ROUTING

## JOINT MESSAGEFORM

COMMUNICATIONS CENTER NO.

FROM: (Originator)	OMMUNICATIONS CENTER O	NLY DATE-TIME GROUP	
		PRECEDENCE ACTION	INFORMATION
TO:		BOOK MESSAGE	UNCLASSIFIED ORIGINAL MESSAGE
		MULTIPLE ADDRES	CRYPTOPRECAUTION N
		IDENTIFICATION	REFERS TO MESSAGE: CLASSIFICATION
INFO:			7.2-2
Request clarification.			
COORDINATION:			
COORDINATION:		12/55-	
COORDINATION:	DATE 12		
COORDINATION:	DATE 12	UNCLASSIFIE	
COORDINATION:	DATE 12		
COORDINATION:  4E4 Ala Miley  Dr. H. A. Miley	DATE 12	UNCLASSIFIE	PAGE 2 OF 2 PAGES
COORDINATION:	DATE 12	UNCLASSIFIE	

HQ ØØ7 PP RJEDWP PP RJAPAD RJEDWP RJEDEN

DE RJEPHQ 148

PI

UNCLASSIFIED 16 DEC 1955

08 05 -

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

BI 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.

BI 15/235ØZ DEC RJEPHQ

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55-21827-2

called at 35.2

Des 19 12 23 55

RB002 WPF046 YMA026 NYA085 QXC189 QDA038PQA152ADA

PP RJEDEN RJEDWP RJEPHQ

DE KDAPAD 101A

P 192746Z

FM COMDR FEAF TOKYO JAPAN

1334-E4 13354-E4 4-442a 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. ATTH 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.

BT

19/0750Z FEC RJAPAD

. 93 66 9991 979 6T

Ref: Case: 24 Nov. 1955 Holkaide, Japan. was reported as of 16:13 Z ot toug. 140 E. and 52 N, on Noi. 24, 1955. Olow reported 6 love been low on borrjon at.
agminth (bearing) 3/2°. the againeth of the gibbours moon at that existant (16:13 7) et Horkain. at that time the right ascensories of moon was approx. 23 32 mm, and its declination, approx. + 2° 42'. local sidereal time of forthails
of 5.0.7. 16 13 was 20 24.

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

To obtain the againsth of the moon, we employ:

> ton 2 = sin t cos p ton 5 - sin p as t

where to = agements, on fearing,

to: Louis ange of more

por = latitude.

5 = declination of more.

substitutions we find that, tou 2= 1.180 (approx)

7 ~ 49 1/2 W.

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

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

3

setting moon \* at that time } evere estentical mitturi allowable errors of observation Moon set at Hophaids tool ser morning at approx 2 A.M. Local time of sighting was 1:37 A.M. The moone wo, therefore, about & set. Keer ler substantiation of identity of object suguited with the woon is hardly needed, It it can to promited out that it mornet on in the serior con for serior the atrusphere conses the moon of to appear a quiete red. Turthy? setting seemy atmospherice. refronten cause the never & X æfter semewhet oblery wis The presence que budo d'

ARCHITASE NOT LOURED EXCEPT PRIOR TO LOUPE BENCH TO LABOUR TO LOUPE BY DATE-TIME GROUP

DAZE1 C RJEDEN BJEDWP E RJEPHO 124 OR Changed Canter of Change of Changed Con Changed Con Control Control



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TO RJEDENZCINCONAD ENT AFE COLO

DJEDWP/ATIC WRIGHT PATTERSON AFB DAYTON ONIO

FROM CLN AFGIN-2A1 52776 FOLLOWING UNEVALUATED MESSAGE RECEIVED FROM CMBR FEAF ON 1 DEC PASSED TO YOUR HO AS UFOB CLN DUOTE CLN ON 25 NOV AT 31131 (2416132) A PILOT IN AN F-35D CN A TACTICAL HISSIGN CHM WHILE AT 25,333 FT ALT AT POS 43-52N/141-45E CAN SIGHTED A RED GLOW OF NIGH INTENSITY. HE TURNED ACFT TO MEAD 512 DEGREES CAN AND THE ACFT MAS HEADED TOWARD THE GLOW. GLOW APPEARED STATEGOARY AT 233 LILYS DIST, APPROX SIZE WAS ONE INCH DIAMETER AT CHE YARD DIST. HAS BEGU AT FIRST LOCKED LIKE AN ACFT ON FIRE CMM CR AN AFTER-BURGA. CLOW WAS FIRST IN A SPHERICAL SHAPE CAN THEN SPREAD INTO AN OLONG SHAPE CMM DETAINING ITS BRIGHTNESS. THE MINUTES WERE REQUIRED TO A VELOP SPNEAU AND DRIGHTNESS CAM AND AN ADDITIONAL TWO MINUTES. SPPEAD INTO AN OGLONG SHAPE. AT THE END OF FOUR

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PAGE TWO RJEPHO 124

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

AT 2531131 THE GLOU WAS GULL. COLOR DURING SIGHTING WAS DEEP

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

OVERCAST FROM SIX THOU TO I DELVE THOU FT. CLEAR ABOVE THELVE THOU

CAM NO MOON CHM AND PITCH PLACK. FEAF COMMENT CLM THIS INFO WAS

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

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

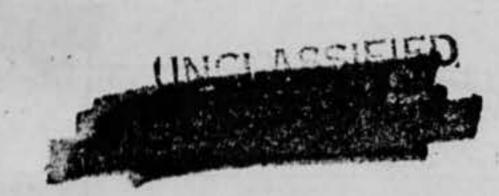
THIS NATURE HAVE BEEN TRANSMITTED BY IR RATHER THAN BY RADIO.

UMQUOTE NO ADDITIONAL INFO THIS HQ TO ASSIST IN EVALUATION.

C1/1924Z DEC RJEPHO

31.4E4

717 97.00



+ 4×22 MIS

755-20749-1

COMMUNICATIONS CENTER NO. ROUTING JOINT MESSAGEFORM QUIDED EXCEPT PRIOR TO 15109 DATE-TIME GROUP FROM: (Originator) 021130Z Dec 55 PRECEDENCE ACTION COMDR ATIC TO: D/I HQ USAF WASHINGTON 25 D C ORIGINAL MESSAGE **BOOK MESSAGE** CRYPTOPRECAUTION 2c-41208 MULTIPLE ADDRESS YES

FROM: AFOIN-4E4

INFO:

FOR: AFOIN-2Al

IDENTIFICATION

52776

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.

4B4 The Miley	DATE 12/5-155	UNCLASSIFILD
Dr. H. A. Miley		T55-20818
	DEC 2	PAGE 1 OF 1 PAGES
DREPPERD, ALBERT W, T Sgt	esd !!	Mary L. Jani

OFFICIAL TITLE

AFOIN-4E4

SYMBOL

COORDINATION:

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

TELEPHONE

69216

□ NO

REFERS TO MESSAGE:

CLASSIFICATION

Mitti



AGIION H

-/ DECISED 1/2 DINCLASSIFIED

HQ Ø22 RR RJEDWP RR RJEDEN RJEDWP DE RJEPHQ 1 Ø3

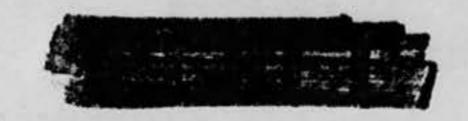
PARA CATE ALL PRIO

PARAPHRASE NCT 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 O

BT /FROM CLN AFOIN-2A1 53 03 2 REFERENCE IS 52776 CMM DATED 1 DEC 1955. FOLLOWING UNEVALUATED SUBJECT CMM FROM COMDR FEAF ON 3 DEC PASSED TO YOUR HEADQUARTERS. INFO FROM THE 39TH AIR FOLLOWING FORWARDE.D FOR YOUR PROBABILITY OF SOURCE AND EN EYEWITNESS TO APPROXIMATELY PREVIOUS NUCLEAR EXPLOSIONS FROM THE GOUND CMM NEVADA CMM APPROX 80 MILES AWAY. FURTHER NUMEROUS TRAINING FILMS AND MOVIES

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

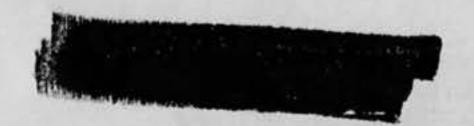
2. LT DURFEY STATED ORIGINALLY THAT HE THOUGHT IT WAS AT LEAST 200 MILES AWAY CLN LATER MATHEMATICAL COMPUTATIONS BY HIM PLACED THIS FIGURE AS BETTER THAN 500 MILES. PARAGRAPH 3.02 CMM CAPT 3. VOL II. RADIOLOGICAL DEFENSE. NOV 51 PUBLISHED BY ARMED FORCES SPECIAL WEAPONS PROJECT STATES CLN QUOTE IN ONE 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 \$105 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 APPROY FIVE MILES BEHIND

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CLOUD LAYER - 6,000'-12,000'

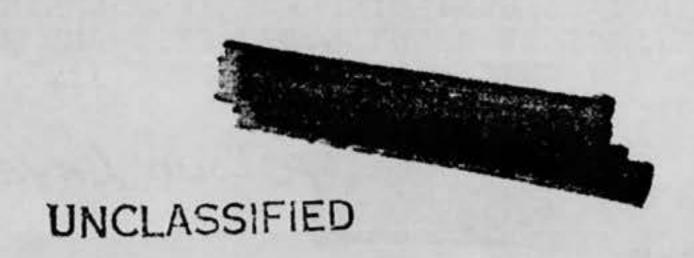
PAGE INKEE KULPHU IXO AND WAS FOLLOWIN ME WITH THE AID OF HIS RAF R. THERE WERE NO CLOUD CONDITIONS OF ANY KIND ABOVE LAYER FOR MENTIONED CMM AND THE VISIBILITY WAS EXTREMELY GOOD. AT APPROX Ø1131 CMM LOCATION WD 6560 CMM ALTITUDE 25,000 FEET AND ON HEADING OF 360 DEGREES. I BECAME AWARE OF A RED GLOW 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 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 BAGN. 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 WAS STARTED CMM 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 WELL KNOWN " MASHROOM" STAGE WHICH RESULTS AFTER AN EXPLOSION OF THIS KIND. HOWEVER CHM THE STEM CHM IF THERE WAS ONE CHM 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 103 FAST CMM I.E. IN LESS THAN THIRTY SECONDS. MY LOCATION WAS WD 8585 CMM WTNPPP 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 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 WAS AT 191 DEGREES FROM THE POSITION OF THE AIRCRAFT THE MOON SET AT 01011 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.

BT 27/1832Z DEC RJEPHO



735-21200-

JOINT MESSAGEFORM COMMUNICATIONS CENTER NO. 15489 FROM: (Originator) DATE-TIME GROUP 1212452 Dec 5 ACTION PRECEDENCE CBMDR ATIC Routine TO: BOOK MESSAGE D/I HQ USAF WASHINGTON 25 D C CRYPTOPRECAUTION MULTIPLE ADDRESS ☐ NO YES REFERS TO MESSAGE: 41242 IDENTIFICATION CLASSIFICATION 52776 53032 INFO: AFOIN-4E4 FROM: 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; Negative historical report from Far East sources maintaining

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

PAGE 1 OF : 2 PAGES.

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 Most at setting. T55-21507

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