1. DATE - TIME GROUP 9 Dec 53 9/1230Z	2. LOCATION Marila ATR Channiana
3. SOURCE	Thule AFB, Greenland 10. CONCLUSION ASTRONOMICAL: METEOR
4. NUMBER OF OBJECTS one	
5. LENGTH OF OBSERVATION 2-3 seconds	Bluish white, oblong light, no tail, exhaust. At times obj gave impression of light shining through it. Flight S to N. Speed estimated 1,000 mph.
6. TYPE OF OBSERVATION air visual	
7. COURSE north	
8. PHOTOS D Yes CX No	
9. PHYSICAL EVIDENCE	

FTD SEP 63 0-329 (TDE) Previous editions of this form may be used.



- S. Weather sequence at the time of all sightings in this report was as follows:
 - a. Surface wind aust at 8 knots.
 - b. 10,000' Dast at 10 knots.
 - c. 20,000' Mast at 10 knots.
 - d. 30,000' East at 8 knots.
 - e. Clear with no clouds.
 - f. Calling unlimited.
 - g. Visibility 10 miles.
 - h. Temperatures were constant to above 30,000'.
- 9. Preparing officer's evaluation All sightings probably astronomical phenomenon.

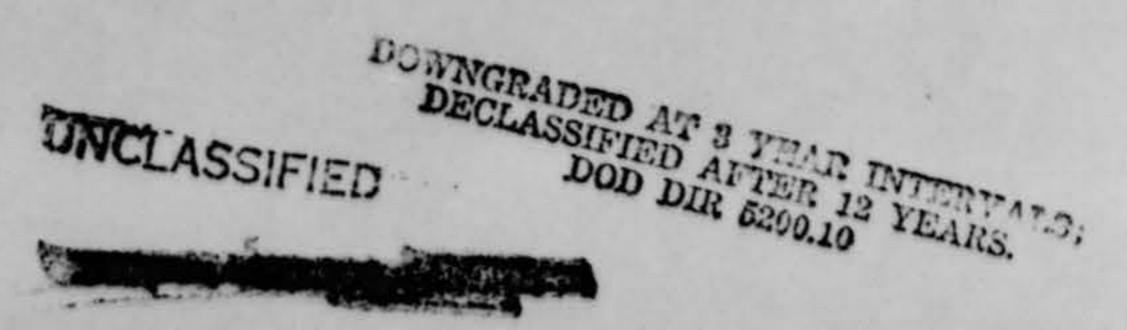
DISTRIBUTION:

1 cy ea:

D/I USAP NEAC ADC 64th AD ATIC HAROLD R. MILLER

Capt., USAF

Group Intelligence Officer



T53-14312

NBR 11912

C-1 ROUTINE FM COMDR 54 AD PEPPERRELL AFB NFLD TO DIR INT HQ USAF WASH DC COMDR ADC ENT AFB COLO MONCLASSIFIED COMDR AAC ELMENDORF AFB ALA CINCLANT NORFOLK VA COMDR USNS ARGENTIA NFLD COMICEDEFOR KEFLAVIK ICELAND COMDR ATIC WPAFB OHIO COMDR 6610 AE GP MCANDREW AFB NFLD 6602 AB GP ERNEST HARMON AFE NFLD COMDR SSOE AB GP GOOSE AB LABR COMDR 6511 AB GP NARSARSSUAK AB GRNLD COMDR 5621 AB GP SONDRESTROM AB GRNLD COMDR 6612 AB GP THULE AFB GRNLD COMDR NEAC PEPPERRELL AFE NFLD FOR CCC COMDR 6600 AB GP PEPPERRELL AFB NFLD HQ CANAIRDEF ST HUBERTS QUEBEC

Se atin

CITE ADOIN 2005. REF MSG FR THULE AB THOP17610. THIS HQ CONCURS IN THULE BASE INTELL OFF EVALUATION OF SIGHTING AS METEORITE SHOWER

: 42 60 ESSI 030 TZ UNCLASSIFIED -53- 14357-

DECLASSIFIED AFTER 12 YEARS.

DOD DIR 5200.10

NAME AND POST

PARAPHAGE OF BEFORE DECLASSIFYING

RT11462

RR11462

C-1 OP IM GEOMETRIC SEE CRYPTO-CENTER

FM COMDR THULE AB GRNLD

TO DIR OF INTELLIGENCE HQ USAF WASH DC

COMDR NEAC PEPPERRELL AFB NFLD ATTN CONC

COMDR ADC ENT AFB COLO

COMDR 64TH AIR DIV PEPPERRELL AFB NFLD ATTN DUTY CONTROLLER

COMDR ATIC WP AFB OHIO

MYMSG THOPI 7610. UFOB. FURTHER DETAILS RESULTING FROM INTERROGATION OF OBSERVERS. NUMBER AND LETTER SEQUANCE PER PAR 6B AF REG 200-2. THIS MSG IN 7 PARTS EVOLVING FROM 6 SEPARATE SIGHTINGS. PART 1.

1. GLOWING LIGHT. A. OBLONG IN GENERAL APPEARANCE. B. HALF DOLLAR AT ARMS LENGTH. C BLUESH LIGHT. D. 1. E NOT APPLICABLE. F. IMPRESSION OF OBLONG SHAPE WITH LIGHT SHINING THROUGH. G. NONE. H. NONE. I. NONE. 2. SOUTH TO NORTH. A. LOOKED UP-SAW LIGHT. B. ANGLE OF ELEVATION 20 DEGREES, AZIMUTH 10 DEGREES TO PORT. C. ELEVATION 20 TO 30 DEGREES, AZIMUTH 10 DEGREES STARBOARD. D. STRAIGHT AND LEVEL, SPEED 1000 KNOTS. E. LIGHT WENT OUT, NO FADEOUT. F. 2-3 SECONDS. 3.

A. AIR -VISUAL. B. NONE. C. F-94, 893, 26020 FT, 090 DEGREES, 220 KNOTS, THULE AB. 4. A. 691230Z. B. NIGHT. 5. 25 MILES SOUTH OF THULE

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DOD DIR 5200.10

UNCLASSIFIED

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PAGE TWO

AIRBASE. 6. A. NOT APPLICABLE. B. WW IRWIN, CAPT, 318 FTR INTERCEPTOR SQ, PILOT, RADAR OPERATOR, 318 FTR INTCP SQ, FAIRLY RELIABLE. 7. A. CLEAR, NO CLOUDS. B. SURFACE WIND EAST AT 8 KNOTS, 10000 FT; EAST AT 10 KNOTS, 2000 FT; EAST AT XDN ZERO KNOTS, 30000 FT; EAST AT 8 KNOTS. C. UNLIMITED. D. 10 MILES. E. NONE. F. NONE. 8. NONE. 9. NONE. 10. PILOT TURNED IN GENERAL HEADING OF OBJECT. NO INTERCEPT. NO RADAR CONTACT. 11. ONE F-94, SER NR 846, AIRBORNE APPRX TWO MILES BEHIND OBSERVERS. 12. HAROLD MILLER, CAPT, GROUP INTELLIGENCE OFFICER. PART 2. INTERROGATION OF DB ZOOK, FIRST LT, PILOT, F-94, SER NR 846, R H ZEIGLER, SECOND LT, RADIO OPERATOR, REVEALS SAME SIGHTING AND RELATIVELY SAME INFO AS PART ONE. THIS ACFT ONE SAME HEADING APPRX 2 MILES BEHIND OBSERVERS PART ONE. ZOOK AND ZEIGLER GOTIMPRESSION OF METEOR AT RELATIVELY CLOSE RANGE. PART 3. SECOND AND INDIVIDUAL SIGHTING. 1. GLOWING LIGHT. A. ROUND. B. PEA ON WINDSHIELD. C WHITE. D. 1. E. NOT APPLICABLE. F. IMPRESSION ON ACFT RUNNING LIGHT. G. NONE. H. NONE. I. NONE. 2. HEAKING 180 DEGA A. LOOKEBAP. SAW LIGHT. B. ELEVATION 10 DEGREES, AZIMUTH 90 DEGREES TO PORT. C. ELEVATION 10 DEG, AZIMUTH 45 DEG TO PORT. D. STRAIGHT AND LEVEL AT 400 KNOTS. E. LIGHT WENT OUT, NO FLAREOUT. F. ONE SECOND. 3. A. AIR-VISUAL. B. NONE. C. F-94, 893, 26000 FT, 180 DEGREES, 22 KNOTS, THULE AIR BASE. 4. A. Ø91234Z. BZ. NIGHT. 5. 20 TO 25 MILES SOUTH SOUTH EAST OF THULE AB. 6. A. NOT APPLICABLE. B. WW IRWIN,

> DOWNGRADED AT 3 YEAR INTERVALS: DECLASSIFIED AFTER 12 YEARS.



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PAGE THREE

CAPT, 318 FTR INTCP SQ, PILOT, 4 7. SAME AS PART ONE. 8. SAME AS PART ONE. 9. SAME AS PART ONE. 10. PILOT TURNED IN GENERAL HEADING AND LOST OBJECT. NO RADAR CONTACT. 11. ONE F-94, SER NR 846, AIRBORNE APPRX TWO MILES BEHIND OBSERVER. 12. HAROLD MILLER, CAPT, GP INTELLIGENCE OFFICER. PART 4. OBSERVERS ZOOK AND ZEIGLER, SEE PART 2, REPORTED SUBSEQUENT SIMILAR SIGHTINGS AT Ø91235Z AND Ø9124ØZ RESPECTIVELY. DETAILS PENDING FURTHER INTERROGATION. PART 5. SAME OBJECT AS REPORTED IN PART 3. 1. FLAME. A SHAPE OF TAIL BLAST FROM JET AFTER-BURNER. B. SAME AS A. C. YELLOWISH-ORANGE. D. 1. E. NOT APPLICABLE. F. NONE. G. NONE. H. NONE. I. NONE. 2. 160 DEGREES TRUE. APPEARED TO BE MAKING RUNWAY THULE AB. A. LOOKED UP SAW IT. B. ELEVATION 5 DEGREES, AZIMUTH 10 DEGREES. C. DIRECTLY OVERHEAD. D. STRAIGHT. LEVEL, SPEED 1000 PLUS KNOTS. E. DISAPPEARED FROM SIGHT. F. QAR SECONDS. 3. A. AIR-VISUAL. B.NONE C. F-94, 495, 22000 CLIMBING TO 24000, TURNING TO 160 DEG, 20 KNOTS THULE AB. 4. A. 091245Z. B. NIGHT. 5. EIGHT MILES SOUTH OF THULE AB. 6. A. NOT APPLICABLE. B. TIME E GREEN, FIRST LT, PILOT, T G DUNGAN, SECOND LT, RADAR OPERATOR, 318 FTR INTCP SQ, THULE AB, BOTH USUALLY RELIABLE. 7. SAME AS PART ONE. 8. SAME AS PART ONE. 9. SAME AS PART ONE. 10. NONE. 11. (GARBLE)12. HAROLD R MILLER, CAPT, GP INTELLIGENCE OFFICER. PART 6. INTERROGATION OF OBSERVER DUNGAN, INDICATED A SIMILAR SIGHTING AT 091300Z, TWO MILES EAXT OF THULE AB HEADING DIRECTLY TOWARD ELLSMERE ISLAND. PILOT TURNED ONTO OBJECT AND RADAR OPERATOR RECEIVED RADAR INTERFERENCE TO GROUND HARMONICS. PART 7. PENDING FURTHER DETAILED INV ANALYSIS IS METEORITE SHOWER

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COMDR THULE AR GRNLD

TO REPHO/CHIEF OF INTEL HOUUSAF WASH D C

JEXC/COUDR NEAC PEPPERRELL AFR NFLD

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JYDJY/COMDR AAC ELMENDORF AFF ALASYA

PEPAC/COMDR USNS ARGENTIA NELD

JEXC/CO 64TH AIR DIV PEPPERRELL AFT NELD

JCPDC/CANAIRDEF ST HUBERT QUEREC

JFIC/COMICEDEFOR MEFLAVIV ICELAND .

JEXC/COMDR 6600TH ARGP PEPPERRELL AFP NELD

JENC/COMDR 6602ND ATGP HARMON AFB NFLD

JECC/COMDR 6623RD ADGP GOOSE AR LARDR

JEXW/COMDR 6610TH AT GP MCANDREW AFT NFLD

JEHC/WOMDR 6611TH AR GP NARSARSSUAY AR GRNLD

JECC/COMDR 6621ST ABGP SONDRESTROM AP GRNLD

JEDUP/COMDR ATIC WRIGHT PATTERSON AFR ONIO

BEKZC/CINCLAUT

ZEN/COMDR 661"TH APGP THULE AB GRMLD

THOPI 7610 UFOR SIGHTED AT 0912372 BY CREWS OF THREE F-94 AIPCRAFT

FLYING LOCAL APPEARED TO BE BRIGHT LIGHT FLYING LEVEL AT 28007 AND 30000

FET SPEED ESTINATED 1000, WHOTS APPEARING TO BE ORDITING BASE 25 MILES

OUT INTERCEPTION ATTEMPTED NO CONTACT LAST VISUAL CONTACT 1912457

MO RADAR CONTACT MEATHER CLEAR MISIPILITY 11 MILES SUBFACE MINDS

E EIGHT MHOTS 10000 FEET E 10 MMOTS 20000 E 10 MMOTS 30000 E EIGHT

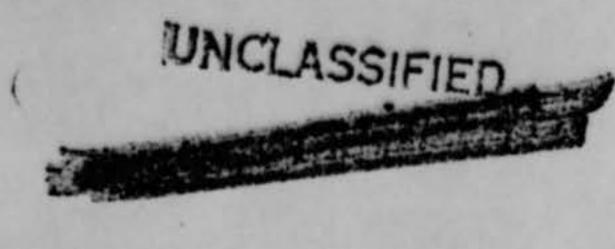
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INTELLIGENCE REPORT NO. T - IR - 10-53

SUBJECT: Unidentified Flying Object Bightings

COUNTRY & AREA: Greenland, Thule sir Bass Area

DATE OF REPORT: 10 December 1953 DATE OF INFORMATION: 9 December 1953

PREFARING OFFICER: Harold R. Miller, Captain, USAF

SCURCE(S) See Below

REFERENCES: 6612th Air Bass Group Hassages THOPI 7610 and THOTI 7623

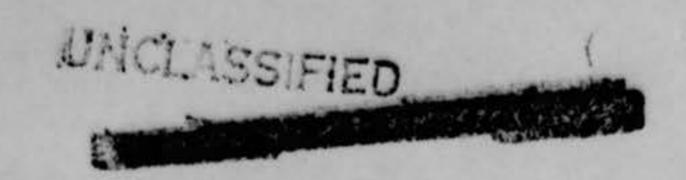
The following information was compiled from interrogation of six (6) observers of UFOB sightings on 9 December 1953. Due to the similarity of the sightings over a relatively short period of time and possible correlation, interrogation results of each sighting will be submitted herein and in the same sequence as reported in electrical transmission, THOFF 7623.

1. The following information was elicited in interrogation of W. W. Irwin, Captain, pilot and R. M. Roberts, 2nd Lt. Hadar Observer of the 318th Fighter Interceptor Equadron, Thule Air Base, Greenland. Both observers concur in details and opinions:

a. Observers were on an airborne training mission at the time of the sighting. They were flying in an F-94 aircraft at altitude 25,000', heading 090°, speed 220 knots, at a position approximately 25 miles South of Thule Air Base when both saw a glowing light. The sighting occurred at 0912302. The light appeared to be oblong in general appearance, bluish white in color, and the size of a half dollar held at arms length. At times the object gave the impression of an oblong shaped object with light shining through it. No tail, trail exhaust, or sound were noted. When first sighted the object was at approximately 29,000' altitude 3,000' away at asimuth of 10° to port and elevation of 20° from their aircraft. The flight path of the object was South to North, straight and level with speed estimated at 1000 knots. The object appeared to go out with no fade out at an azimuth of 20° to starboard and elevation of 20° to 30°. The object was observed for a period of approximately 2 - 3 seconds. The pilot turned into the general heading of the object but no interception was accomplished and no airborne radar contact established. The only known traffic in the area at the time of sighting was another F-94 aircraft which was approximately 2 miles behind the observer aircraft. Interrogation of all communications facilities (GCI, GCA, etc.) and other possible informative sources provided negative information. For weather sequence see paragraph 8, this report. Both observers stated the object was unlike any other astronomical and/or meteorlogical phenomenon previously enocuntered. Observers evaluation of this sighting is a possible flying object. Both officers can be considered

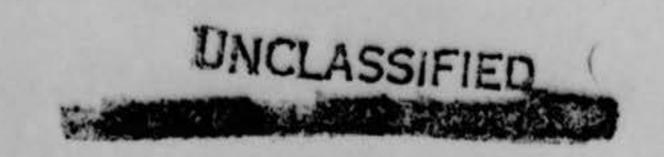
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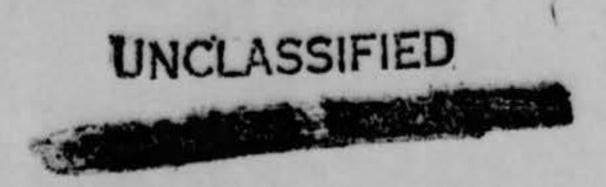
usually reliable. For preparing officer's evaluation see paragraph 9.

- 2. The following information was elicited in interrogation of D. B. Zook, lat Lt., pilot and R. H. Zeigler, 2nd Lt., Radar Observer of the 31Sth Fighter Interceptor Squadron, Thule Air Base, Greenland. Both observers concur in details and opinions:
- a. Observers were on an airborne training mission at the time of sighting, approximately 091230Z. They were flying an F-94 aircraft at altitude 26,000', heading 0900, speed 230 knots, at a position of approximately 22 - 23 miles South of Thule Air Rase, when they observed a glowing light. The object was a glob of light giving the impression of being either round or slightly obling with the greatest brilliance forward. Object appeared to be the size of an orange on the windshield. The object was of intense white color, many times the magnitude of a star or planet. No tail, trail exhaust, or sound noted. When first sighted the object was at approximately 30,000' altitude, 3,000' to 4,000' dead ahead at an elevation of 200 to 300 from their aircraft. The flight path of the object was approximately South to North, from straight and level to 100 downward trajectory, with speed estimated at 1,000 knots. The object appeared to go out with no after glow at an azimuth of 45° to starboard of their aircraft. The object was observed for approximately I second. No interception was attempted and no airborne radar contact established. The only known traffic in the area at the time of sighting was the observer sircraft mentioned in paragraph 1, which was approximately 2 miles ahead. Interrogation of all communications facilities (GCI, GCA, etc.) and other possible informative sources provided negative information. For weather sequence see paragraph 8. This was probably the same object as reported in paragraph 1. Observer Zook evaluates the sighting as a meteor at relatively close range and observer Zeigler states that object looked more like a meteor than a flying object. Both observers can be considered usually reliable. For preparing officer's evaluation see paragraph 9.
- 3. The following information was elicited from further interrogation of W. W. Irwin, Captain, pilot of F-94 and observer of sighting reported in paragraph la
- a. This sighting was made during the same flight at approximately 0912342. Observer aircraft was at altitude 26,000', heading 180°, speed 220 knots, at a position approximately 20 to 25 miles South South Bast of Thule Air Base, Observer noted a round, glowing, white light approximately the size of a pea on the windshield. No tail, trail exhaust, or sound was noted. When first sighted, the object was at approximately 28,000' altitude, I mile away at an azimuth of 90° to port and elevation of 10° from observer aircraft. The flight path of the object was generally the same as observer sireraft, straight and level with speed estimated at 400 knots. The object appeared to go out with no fade out an an azimuth of 45° to port and elevation of 100 to observer aircraft. The object was observed for approximately 1 second. Pilot turned in general direction of object and lost it, with no airborne reder contact established. The onl Downgrapen traffic in the area at DECLASSIFIED AT 3 YEAR INTER DOD DIR 5200 12 YEAR

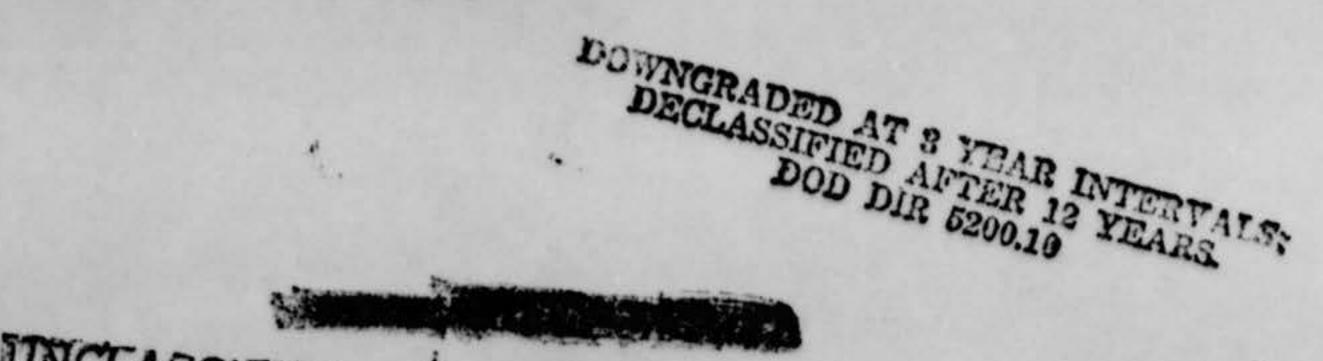


the time of sighting was F-94 observer aircraft (paragraph 2) which was 2 - 3 miles behind. Megative information available from other sources. For weather sequence see paragraph 6. Observer believes this eighting to be same object as in foregoing sightings and that object was orbiting in area. For preparing officer's evaluation see paragraph 9.

- 4. The following information was elicited from further interrogation of D. B. Zook, 1st Lt., pilot of F-94 and observer of sighting reported in paragraph 2:
- a. This sighting was made during the same flight at approximately 0912352. Observer aircraft was at altitude 26,000', heading 340', speed 220 knots, at a position approximately 30 miles South lest of Thule Air Base. Chaerver noted a globe of light, white in color and approximately half as bright as object previously sighted. Object appeared to be the size of a fifty cent piece on the windshield. No tail, trail exhaust or sound noted. when first sighted the object was below and South of observer sircraft at a position half way between the port wing and the horizon at an azimuth of 40° to port. Flight path of the object was from South East to North West, straight and level at a speed of approximately 1000 knots. The object appeared to go out with no after glow at an estmuth of 200 to port of observer aircraft in a downward trajectory just before going out. The object was observed for approximately 1 second. No interception was attempted and no sirborne radar contact established. The only known traffic in the area at the time of sighting was an F-94 approximately 40 miles North of observer aircraft. Negative information available from other sources. For weather sequence see paragraph 8. Observer evaluates sighting as a meteor. For preparing officer's evaluation see paragraph 9.
- 5. The following information was elicited from further interrogation of R. H. Zeigler, 2nd Lt., Radar Coserver of F-94 and observer of sighting reported in paragraph 2:
- a. This sighting was made during the same flight at approximately 0912402. Observer aircraft was at altitude 25,000', heading 0900, speed 230 knots, at a position approximately 40 miles West of Thule Air Base. Observer noted a glowing light, white in color which appeared to be the size of a pea on the windshield. No tail, trail exhaust or sound noted. Then sighted, the object was at approximately 16,000' altitude and approximately 2) miles off the port wing. Flight path of the object was parallel to observer aircraft, straight and level at speed estimated at 500 knots. The object increased in incandescence and then went out with no after glow, after observer saw it for approximately 2 seconds in a slightly downward trajectory at the end. No interception was attempted and no radar contact satablished. The only known traffic in the area at the time of sighting was an F-94, 40 miles to the East over Thule Mir Base. Negative information available from other sources. For weather se uence see paragraph 8. Observer stated he got the impression object was a meteor. For preparing officer's evaluation see OWNGRADED AT 8 YEAR INTERD AFTER 12 YEAR INTERD DOD DIR 5200.10 YEAR. paragraph 9. UNCLASSIFIED



- 6. The following information was elicited in interrogation of L. I. Green, 1st Lt., pilot and T. G. Dungan, 2nd Lt., Radar Observer of the 318th Fighter Interceptor Squadron, Thule Air Base. Both observers concur in details and opinions:
- a. Observers were on an airborne training mission at the time of sighting, approximately 0912452. They were flying an F-94 aircraft at altitude 22,000' climbing to 24,000', turning to a heading of 160°, apsed 240 knots at a position 8 miles South of Thule Air Base. Observers saw an object which looked more like flame than a light. The object assumed the shape of a tail blast from an F-94 jet afterburner and the size of a tail blast from a distance of 3 - 4 miles. The color of the object was yellowish orange. No other tail, exhaust characteristics or sound noted. When first sighted the object was at approximately 30,000' altitude, 5 - 6 miles away at an azimuth of 50 to 100 to port and elevation of 50 from observer aircraft. The flight path of the object was North North West to South South East, straight and level with speed estimated at 1000 plus knots. The object disappeared directly over head and appeared to be making a run over the Base. The object was observed for a period of approximately 1 - 2 seconds. No interception was attempted or airborne radar contact established. No other known traffic in the area at the time of sighting. Negative information available from other sources. For weather sequence see paragraph 8. Observers evaluation is flying object. Both observers can be considered usually reliable. For preparing officer's evaluation see paragraph 9.
- 7. The following information was elicited from further interrogation of T. C. Dungan, 2nd Lt., Radar Chserver, of F-94 and observer of sighting reported in paragraph 6.
- a. This sighting was made during the same flight at approximately 0913002. Observer aircraft was at altitude 24,000', heading 0900, speed 220 knots at a position approximately 2 miles East of Thule Air Base. Observer saw object similar to that reported in paragraph 6, and described as having same size shape and characteristics. When first sighted the object was overhead at approximately 30,000' altitude. The flight path of the object was on a heading of 3400, straight and level at a speed of 1000 knots. The object disappeared overhead at an angle of 3300 at an altitude of approximately 30,000'. The object was observed for a period of approximately 1 second. The pilot turned to intercept but no interception made. Interference similar to ground harmonics was received on airborne radar scope. No other known air traffic in the area at the time of sighting. Negative information available from other sources. For weather sequence see paragraph 8. Observer stated object did not look like meteor. For preparing officer's evaluation see paragraph 9.



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