

PROJECT 10073 RECORD

1. DATE - TIME GROUP 12 August 65 12/0620Z	2. LOCATION Duluth, Minnesota
3. SOURCE Civilian	10. CONCLUSION Satellite (ECHO II)
4. NUMBER OF OBJECTS One	Witness could not give positional data on object. Description duration and direction of flight in accord with Satellit sightings.
5. LENGTH OF OBSERVATION 10 Minutes	11. BRIEF SUMMARY AND ANALYSIS Object like a star. Bright white, slight tail. No sound. No unusual fetaures. Flight to NE. 10 minutes. ECHO II was over Duluth at 0019AM at 33 deg elevation moving NE. ECHO II over area at time of report.
6. TYPE OF OBSERVATION Ground-Visual	
7. COURSE NE	
8. PHOTOS ☐ Yes ☒ No	
9. PHYSICAL EVIDENCE ☐ Yes ☒ No	

INCOMING
MESSAGE

DEPARTMENT OF THE AIR FORCE
STAFF MESSAGE BRANCH

UNCLASSIFIED

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H. UNUSUAL FEATURES: NONE

I. TAIL, TRAIL OF EXHAUST: NONE

2. DESCRIPTION OF COURSE OF OBJECT:

A. NEIGHBOR BOY WAS WATCHING THE STARS AND NOTICED THAT ONE WAS MOVING QUITE RAPIDLY AND ASKED MR. [REDACTED] TO WATCH IT.

B. THE OBJECT AT THAT TIME, 0402Z, WAS DIRECTLY OVERHEAD.

C. ELEVATION & AZIMUTH AS OBJECT DISAPPEARED: THE OBJECT DISAPPEARED OVER THE NORTH EAST HORIZON.

D. N/A

E. N/A

F. LENGTH OF TIME IN SIGHT: FROM TIME OF SIGHTING THE OBJECT OVER HEAD TILL IT DISAPPEARED OVER THE NORTH EAST HORIZON WAS APPROXIMATELY 45 TO 50 SECONDS.

3. METHOD OF OBSERVATION:

A. METHOD: EYE SIGHT

B. OPTICAL AIDS. NONE

C. AIRBORNE SIGHTING INFORMATION: NONE

4. TIME AND DATE OF SIGHTING:

A. DATE AND TIME GROUP: 13/0402Z

B. NIGHT

INCOMING
MESSAGE

DEPARTMENT OF THE AIR FORCE
STAFF MESSAGE BRANCH

UNCLASSIFIED

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E. CLOUD COVER: HIGH BROKEN

THUNDERSTORMS IN AREA: NONE

8. UNUSAL ACTIVITY IN AREA: NONE

9. INTERCEPTION OR IDENTIFICATION OF ACTION TAKEN: NONE

10. LOCATION OF KNOWN AIR TRAFFIC IN AREA AT TIME OF SIGHTING

SAC KC 135 REFUELING A B 52 IN AREA SOUTH OF DULUTH, MINN.

11. POSITION TITLE AND COMMENTS OF PREPARING OFFICER: CHIEF OF

INTELLIGENCE: THE INDIVIDUAL AFTER MAKING A REPORT OF THE

SIGHTING OF THE AIR BASE, WENT OVER TO THE UNIVERSITY OF MINN

DULUTH BRANCH) OBSERVATOR AND CHECKED HIS SIGHTING WITH THE

ASTRONOMER ON DUTY. THERE HE WAS TOLD THAT THE OBSERVATORY HAD

WATCHED ONE EARLIER IN THE EVENING AND SUGGESTED THAT CALTON HAD

SEEN A SATELLITE. THIS WAS CONFIRMED BY MAKING A CALL TO PROF.

~~REDACTED~~ NONE OF THE SECTOR'S RADAR OBSERVED SUCH AN

OBJECT. THE POSITIONS FOR ECHO II AND PEGASUS I DO NOT CORRES

POND TO THIS PARTICULAR SIGHTING, SO IT IS ASSUMED THAT THIS WAS

ONE OF THE MANY SATELLITES OR SPACE JUNK THAT IS ORBITING THE

EARTH.

12. PHYSICAL EVIDENCE: NONE

13. MISC. COMMENTS: IT WAS NOTED IN THE DULUTH TRIBUNE CARRIED

AN ARTICLE STATING THAT A MAN ~~REDACTED~~, IN DULUTH, HAD OBSERVED

THIS SAME OBJECT AT THE SAME TIME. NO EFFORT WAS MADE TO

CONTACT THESE INDIVIDUALS AT THIS TIME.

BT NOTE : ORIGINAL TRANSMISSION NOT IDENTIFIED IN SMB. ADVANCE
COPY DELIVERED TO DIA.

PROJECT 10073 RECORD

1. DATE - TIME GROUP 13 August 65 14/0328Z	2. LOCATION Duluth, Minnesota
3. SOURCE Civilian	10. CONCLUSION Astro (MARS) ✓ MARS at 260 deg azimuth setting at 2145 Local. <u>White azimuth</u> was not reported all other data in accord with evaluation as this Astro Body.
4. NUMBER OF OBJECTS One	11. BRIEF SUMMARY AND ANALYSIS Object brighter than a star, and bigger, same in other resepects. Spread out. Observed for <u>third consecutive</u> night at approximately the same time. Flight path was to the NE. Positional data not given. Disappeared below the horizon. Used Binoculars. Description of flattening out due to refraction as Planet sets. MARS setting at the reported time. Observed for three nights at same place. Refraction as Planet set would give an apparent NE motion to object. — ? —
5. LENGTH OF OBSERVATION 10 Minutes	
6. TYPE OF OBSERVATION Ground-Visual (BX)	
7. COURSE NE (Apparent)	
8. PHOTOS ☐ Yes ☒ No	
9. PHYSICAL EVIDENCE ☐ Yes ☒ No	

INCOMING
MESSAGE

13 Aug
DEPARTMENT OF THE AIR FORCE
STAFF MESSAGE BRANCH

14/03088 - DULUTH, MINN
UNCLASSIFIED

ASTRO (MARS)

AF IN : 5888 (16 Aug 65) J/jja

Pg 1 of 4

ACTION: NIN-7

INFO : XOP-1, XOPX-8, SAF-OS-3, DIA-1 (21)

SMB C143 HQC182ZCYJD960

RR RUEAHQ

DE RUCDDU 18 2281906

ZNR UUUUU

R 161545Z

FM DUADS DULUTH INTL APRT MINN

TO RUWGALE/ADC

RUCDAH/30 ADIV TRUAX FLD WIS

RUCDSQ/FOREIGN TECH DIV WRIGHT PATTERSON AFB OHIO

RUEAHQ/HQ USAF

BT

UNCLAS DUOIN 00086 AUG 65.

FOR: SUAF, SAFOT & AFMIN, 30TH OIN, SUBJ: UFO.

1. DESCRIPTION OF OBJECT:

- A. SHAPE: LIKE A STAR
- B. SIZE: BIGGER THAN A STAR
- C. COLOR: WHITE
- D. NUMBER: ONE
- E. FORMATION: NONE
- F. DISCERNABLE FEATURES: NONE NOTED

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AF IN : 5888 (16 Aug 65)

Pg 2 of 4

G. TAIL, TRAIL OF EXHAUST: JUST LIKE LIGHT SPREADING OUT

PAGE 2 RUCDDU 18 UNCLAS

BEHIND THE OBJECT

H. SOUND: NONE

I. UNUSUAL FEATURES: NONE

2. DESCRIPTION OF COURSE OF OBJECT:

A. WHY NOTICED: IT WAS OBSERVED FOR THE THIRD CONSECUTIVE
NIGHT AT APPROXIMATELY THE SAME TIME.

B. INITIAL AND AZIMUTH: NOT NOTICED

C. ELEVATION AND AZIMUTH AS OBJECT DISSAPPEARED: NOT NOTED

D. FLIGHT PATH AND MANEUVERABILITY: NORTH EAST DIRECTION

E. MANNER OF DISAPPEARENCE: OVER THE HORIZON

F. LENGTH OF TIME IN SIGHT: 10 MINUTES

3. MANNER OF OBSERVATION:

A. METHOD: NAKED EYE

B. OPTICAL AIDS: BINOCULARS

C. AIRBORNE SIGHTING INFORMATION: NONE

4. TIME AND DATE OF SIGHTING:

A. DATE TIME GROUP: 14/0328Z

B. NIGHT

MARS
Setting
at 260° 02
2145 Local
2128 —

AF IN : 5888 (16 Aug 65)

Pg 3 of 4

5. LOCATION OF OBSERVERS:

A. LAT/LONG 4950N/9201W

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B. DULUTH, MINNESOTA

6. IDENTIFYING INFORMATION: MR. AND MRS. [REDACTED]
[REDACTED], MINN: RELIABILITY, UNKNOWN, OCCUPATION, UNKNOWN

7. WEATHER AND WINDS ALOFT:

A. OBSERVER'S ACCOUNT OF WEATHER: CLEAR & VISIBILITY UNLIMITED

B. AWS ACCOUNT OF WINDS DIRECTION & VELOCITY AT

1. SURFACE: 170/12KNOTS

2. 6,000 200/25K

3. 10,000 260/45K

4. 16,000 270/40K

5. 20,000 280/30K

6. 30,000 270/55K

7. 50,000 290/15K

8. 80,000

C. CEILING: NONE

D. VISIBILITY: 15PLUS MILES

E. CLOUD COVER: NONE

INCOMING
MESSAGE

DEPARTMENT OF THE AIR FORCE
STAFF MESSAGE BRANCH

UNCLASSIFIED

AF IN : 5888 (16 Aug 65)

Pg 4 of 4

F. THUNDERSTORMS: NONE

8. UNUSUAL ACTIVITY IN AREA: NONE

9. INTERCEPTION OR IDENTIFICATION OF ACTION TAKEN: NONE

PAGE 4 RUCDDU 18 UNCLAS

10. LOCATION OF KNOWN AIR TRAFFIC IN AREA AT TIME OF SIGHTING:

DC-6 HAS LANDED AT DULUTH MAP AT 14/0322Z

11. POSITION TITLE AND COMMENTS OF PREPARING OFFICER: CHIEF OF INTELLIGENCE, THE OBJECT WAS OBSERVED BY 8 ADULTS. MR. [REDACTED] WATCHED IT THROUGH BINOCULARS AND OBSERVED THE WHITE LIGHT BEING EMITTED BY THE OBJECT: FROM THE EVIDENCE AVAILABLE, THE OBJECT WAS A SATELLITE WHO'S ORBIT WAS BEGINNING TO DECAY, THUS PERMITTING IT TO ENTER THE MORE DENSE ATMOSPHERE. THE WHITE LIGHT BEING EMITTED BY THE OBJECT COULD BE THE BEGINNING OF THE GRADUAL DISINTERGRATION OF THE SATELLITE.

12. PHYSICAL EVIDENCE: NONE

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THREE
NIGHTS IN
AROW AT
SAME TIME
AND PLACE

(?)

1/1

DEFINITELY NOT

PROJECT 10073 RECORD

1. DATE - TIME GROUP 14 August 65 14/0633Z	2. LOCATION Duluth, Minnesota
3. SOURCE Civilian	10. CONCLUSION Astro (METEOR) ✓
4. NUMBER OF OBJECTS One	Since meteor was observed at the same time it is assumed that this was the object observed.
5. LENGTH OF OBSERVATION Not Reported	11. BRIEF SUMMARY AND ANALYSIS Small ivory star-like object in flight from North to West. No tail, trail or exhaust. Observer incoherent. Could not furnish desired data for report. Sighting reported at same time a meteor was observed for a duration of 5 seconds.
6. TYPE OF OBSERVATION Ground-Visual	
7. COURSE Not Reported	
8. PHOTOS ☐ Yes ☒ No	
9. PHYSICAL EVIDENCE ☐ Yes ☒ No	

INCOMING
MESSAGE

17 Aug
DEPARTMENT OF THE AIR FORCE
STAFF MESSAGE BRANCH

UNCLASSIFIED

ISSNO (METEOR)

AF IN : 6149 (17 Aug 65) H/jja

Pg 1 of 5

ACTION: NIN-7

INFO : XOP-1, XOPX-8, SAF-OS-3, DIA-1 (21)

SMB C022 CHQC216ZCYJD982

RR RUEAHQ

DE RUCDDU 17 2281906

ZNR UUUUU

R 161745Z

FM DUADS DULUTH INTL APRT MINN

TO RUWGALE/ADC

RUCDAH/30 ADIV TRUAX FLD WIS

RUCDSO/FOREIGH TECH DIV WRIGHT PATTERSON AFB OHIO

RUEAHQ/HQ USAF

BT

UNCLAS DUOIN 0087 AUG 65

FOR: USAF, SAFOT & AFNIN, 30TH OIN, SUBJ: UFO.

1. DESCRIPTION OF OBJECT:

A. SHAPE: STARLIKE

B. SIZE: VERY SMALL

C. COLOR: IVORY

D. NUMBER: ONE

E. FORMATION: NONE

F. DISCERNABLE FEATURES: NONE

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AF IN : 6149 (17 Aug 65)

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G. TAIL, TRAIL OF EXHAUST: NONE

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H. SOUND: NONE

I. DISCERNABLE (UNUSUAL) FEATURES: NONE

2. DESCRIPTION OF COURSE OF OBJECT:

A. WHY NOTICED: GLANCED UP AND SAW IT

B. INITIAL ELEVATION AND AZIMUTH: NORTH

C. ELEVATION AND AZIMUTH AS OBJECT DISAPPEARED: NOT NOTED

D. FLIGHT PATH AND MANEUVERABILITY: NORTH TO WEST

E. MANNER OF DISAPPEARANCE: UNKNOWN

F. LENGTH OF TIME IN SIGHT: DOES NOT KNOW

3. MANNER OF OBSERVATION:

A/ METHOD: NAKED EYE

B. OPTICAL AIDS: NONE

C. AIRBORNE SIGHTING INFORMATION: NONE

4. TIME AND DATE OF SIGHTING:

A. DATE TIME GROUP: 14/0633Z

B. NIGHT

5. LOCATION OF OBSERVER:

A. LAT/LONG

INCOMING
MESSAGE

DEPARTMENT OF THE AIR FORCE
STAFF MESSAGE BRANCH

UNCLASSIFIED

AF IN : 448 (12 Aug 65) T/gem

Pg 1 of 4

ACTION: NIN-7

INFO : SAFOS-3, XOP-1, XOPX-8, DIA-1 (21)

SMB C185 CZCHQC586ZCYJA148

RR RUEAHQ

DE RUCODU 13 2241830

ZNR UUUUU

R 121645Z

FM DUADS DULUTH INTL APRT MINN

TO RUWGALE/ADC

RUCDAH/30AIRDIV TRUAX FLD WIS

RUCDSQ/FOREIGN TECH DIVISION WPAFB OHIO

RUEAHQ/SEC OF THE AIR FORCE WASHDC

RUEAHQ/HQ USAF

BT

UNCLAS DUOIN 00084 AUG 65.

FOR: USAF, OFFICE SAFOI & AFNIN, 30TH OIN, SUBJ: UFO;

1. DESCRIPTION OF OBJECT:

A. SHAPE: NOT OBSERVED

B. SIZE: NOT OBSERVED

C. COLOR: LIKE A STAR

D. NUMBER: ONE

E. FORMATION: N/A

INCOMING
MESSAGE

DEPARTMENT OF THE AIR FORCE
STAFF MESSAGE BRANCH

UNCLASSIFIED

AF IN : 6149 (17 Aug 65)

Pg 3 of 5

B. DULUTH, MINN.

6. IDENTIFYING INFORMATION ON ALL OBSERVERS: CIVILIAN: [REDACTED]

[REDACTED]: DULUTH, MINN, AGE, 50, PROFESSION,
NURSING CARE; RELIABILITY, UNKNOWN. (SEE COMMENTS ITEM9).

7. WEATHER AND WINDS ALOFT CONDITIONS AT TIME OF SIGHTING:

A. OBSERVER'S ACCOUNT OF WEATHER: CLEAR

B. AWS ACCOUNT OF WINDS DIRECTION AND VELOCITY AT:

1. SURFACE 200/13KNOTS GUSTS TO 19 KNOTS

2. 6,000 240/44K

3. 10,000 270/25K

4. 16,000 260/18K

5. 20,000 260/38K

6. 30,000 270/60K

7. 50,000 290/30K

8. 80,000

C. CEILING: CLEAR

D. VISIBILITY: 15PLUS MILES

E. CLOUD COVER: NONE

F. THUNDERSTORMS IN AREA: NONE

AF IN : 6149 (17 Aug 65)

Pg 4 of 5

8. UNUSUAL ACTIVITY IN AREA: NONE

9. INTERCEPT OR IDENTIFICATION OF ACTION TAKEN: NONE

10. LOCATION OF KNOWN AIR TRAFFIC IN AREA AT TIME OF SIGHTING: NONE

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11. POSITION TITLE AND COMMENTS OF PREPARING OFFICER:

A. CHIEF OF INTELLIGENCE

B. THE OBSERVER SOUNDED SOMEWHAT INCOHERENT.. SHE SEEMED TO DESIRE TO TALK ABOUT EVERYTHING ELSE RATHER THAN THE SIGHTING. THIS OFFICER PREPARING THE REPORT (1) PROBABLY DID OBSERVE THE SAME OBJECT AS THE TIME, COLOR AND APPROXIMATE DIRECTION DO AGREE. ONE MUST EXPLAIN THE DIFFERENCE IN DIRECTIONS. DULUTH IS NOT LAID OUT ON A TRUE NORTH AND SOUTH AXIS BUT RATHER ON A 010 AND 190 DEGREE LINE. THIS ORIENTATION PRESENTS A PROBLEM TO THE ACTUAL ORIENTATION OF THE ACTUAL PATH OF THE OBJECT. THE OBJECT (METEORITE) FIRST WAS SEEN ABOUT AT 75 DEGREES ELEVATION ABOVE THE NORTH HORIZON AND DISSAPPEARED AT APPROXIMATELY 60 DEGREES ABOVE THE NORTHERN HORIZON. DIRECTION OF FLIGHT APPEARED TO BE FROM 160 DEGREES TO 340 DEGREES. THE 15 DEGREES OF FLIGHT OBSERVED WAS ABRUPTLY TERMINATED AT 60 DEGREES ABOVE THE NORTHERN HORIZON. IT WAS ASSUMED THAT THE METEORITE HAD BURNED OUT AT THAT POINT.

INCOMING
MESSAGE

DEPARTMENT OF THE AIR FORCE
STAFF MESSAGE BRANCH

UNCLASSIFIED

AF IN : 6149 (17 Aug 65)

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THE LIGH WAS A BRILLIANT IVORY. TIME OF FLIGHT: AN ESTIMATE
5 SCONDS.

12 PHYSICAL EVIDENCE: NONE

BT NOTE: ADVANCE COPY DELIVERED TO DIA.

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PROJECT 10073 RECORD

1. DATE - TIME GROUP 14 August 65 15/0305Z	2. LOCATION Duluth, Minnesota
3. SOURCE Civilian	10. CONCLUSION Satellite (ECHO II)
4. NUMBER OF OBJECTS One	Object characteristic of Satellite. ECHO II at 15 deg elevation moving NE.
5. LENGTH OF OBSERVATION 4 Minutes	11. BRIEF SUMMARY AND ANALYSIS Round object bigger than a star. White. No features. Going fast disappeared over the horizon. 4 minut observation. Direction not reported. ECHO II over Duluth at 2053 (12 minutes before the reported sighting). ECHO Schedule with Duluth 12 Aug 12/0620Z Case
6. TYPE OF OBSERVATION Ground-Visual	
7. COURSE Not Reported	
8. PHOTOS ☐ Yes ☒ No	
9. PHYSICAL EVIDENCE ☐ Yes ☒ No	

INCOMING
MESSAGE

DEPARTMENT OF THE AIR FORCE
STAFF MESSAGE BRANCH

UNCLASSIFIED

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Pg 1 of 4

AF IN : 6143 (17 Aug 65) H/sah

ACTION: NIN-7

INFO : XOP-1, XOPX-8, SAFOS-3, DIA-1 (21)

SMB C021 ZCZCVQD361ZCYJA410

RR RUEAHQ

DE RUCDDU 22 2282136

ZNR UUUUU

R 162000Z

FM DUADS DULUTH MAP MINN

TO RUMGALE/AIR DEFENSE COMMAND ENT AFB COLO

RUCDAH/30 AIR DIVISION TRUAX AFB WISC

RUCDSQ/FOREIGN TECH DIV WRIGHT PATTERSON AFB OHIO

RUEAHQ/HQ USAF WASH DC

BT

UNCLAS DUOIN 00088 AUG 65

FOR: USAF, SAFDI & AFNIN, 30TH OIN, SUBJ: UFO:

1. DESCRIPTION OF OBJECT:

A. SHAPE: ROUND

B. SIZE: BIGGER THAN STAR

C. COLOR: WHITE

D. NUMBER: ONE

E. FORMATION: NONE

F. DISCERNABLE FEATURES: NONE

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AF IN : 6143 (17 Aug 65)

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G. TAIL, TRAIL OF EXHAUST: NONE

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H. SOUND: NONE

I. UNUSUAL FEATURES: NONE

2. DESCRIPTION OF COURSE OF OBJECT:

A. WHY NOTICED: A LITTLE GIRL NOTICED FIRST AND TOLD OBSERVER

B. INITIAL ELEVATION AND AZIMUTH: NOT NOTED

C. ELEVATION AND AZIMUTH AS OBJECT DISAPPEARED: N/A

D. FLIGHT PATH AND MANEUVERABILITY: GOING VERY FAST

E. MANNER OF DISAPPEARANCE: OVER THE HORIZON

F. LENGTH OF TIME IN SIGHT: 4 MINUTES

3. MANNER OF OBSERVATION:

A. METHOD: NAKED EYES

B. OPTICAL AIDS: NONE

C. AIRBORNE SIGHTING INFORMATION: NONE

4. TIME AND DATE OF SIGHTING:

A. DTG "Z": 15/0305

B. NIGHT

5 LOCATION OF OBSERVER:

A. LAT/LONG: N/A

INCOMING
MESSAGE

DEPARTMENT OF THE AIR FORCE
STAFF MESSAGE BRANCH

UNCLASSIFIED

AF IN : 6143 (17 Aug 65)

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B DULUTH, MINN.

6. IDENTIFYING INFO OF ALL OBSERVERS; MR. [REDACTED]

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DULUTH, MINN. AGE 27,

7 WEATHER AND WINDS ALOFT AT TIME OF SIGHTING:

A. OBSERVERS ACCOUNT OF WEATHER: CLEAR NO WIND

B. AWS ACCOUNT OF WINDS DIRECTION AND VELOCITY AT:

1. SURFACE: 290/5K

2. 6,000 290/10K

3. 10,000 290/35K

4. 16,000 270/35K

5. 20,000 280/50K

6. 30,000 260/85K

7. 50,000 260/65K

8. 80,000 260/45K

C. CEILING: SCATTERED

D. VISIBILITY: CLEAR

E. CLOUD COVER: 3/10

F. THUNDERSTORMS IN AREA: NONE

8. UNUSUAL ACTIVITY IN AREA: NON

INCOMING
MESSAGE

DEPARTMENT OF THE AIR FORCE
STAFF MESSAGE BRANCH

UNCLASSIFIED

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AF IN : 6143 (17 Aug 65)

9 INTERCEPTION OR IDENTIFICATION OF ACTION TAKEN: NONE

10 LOCATION OF KNOWN AIR TRAFFIC IN AREA AT TIME OF SIGHTING:

DC-6 -- LOG AIR

PAGE 4 RUCDDU 22 UNCLAS

11. POSITION TITLE, COMMENTS OF PREPARING OFFICER:

A. CHIEF OF INTELLIGENCE

B. PROBABLY A SATELLITE OR A STAR

12. PHYSICAL EVIDENCE: NONE

13. MISC. COMMENTS OF OBSERVER: NONE

BT

NNN

NOTE: ADVANCE COPY DELIVERED TO DIA.

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PROJECT 10073 RECORD

1. DATE - TIME GROUP 15 August 65 15/2315Z	2. LOCATION Duluth, Minnesota
3. SOURCE Civilian	10. CONCLUSION A/C
4. NUMBER OF OBJECTS One	Description and flight characteristics in accord with A/C sighting. 11. BRIEF SUMMARY AND ANALYSIS Sighted during daylight. Object small round white. Observed at 60 deg elevation in West circled and went North going very fast. Disappeared at 40 deg elevation in North. 1 minute duration. No sound trail or exhaust. Cloud cover .3, thunderstorms in area.
5. LENGTH OF OBSERVATION 1 Minute	
6. TYPE OF OBSERVATION Ground-Visual	
7. COURSE Manuvered	
8. PHOTOS ☐ Yes ☒ No	
9. PHYSICAL EVIDENCE ☐ Yes ☒ No	

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

INCOMING
MESSAGE

15 Aug
DEPARTMENT OF THE AIR FORCE
STAFF MESSAGE BRANCH

15/2315Z - DULUTH, MINN.
UNCLASSIFIED

AF IN : 6489 (17 Aug 65) F. crg

Pg 1 of 4

ACTION : NIN-7

INFO : XOP-1, XOPX-8, SAFOS-3, SMB-1, DIA-1 (22)

SMB C077 CHQE340ZCYJB829

RR RUEAHQ

DE RUCDDU 23S 2290241

ZNR UUUUU

BT

UNCLAS SVC RUEAHQ 970S 2290220 X ZDK RUCDDU 23 2282138 R 161500Z

AND ZEL OF ADDRESEE X

RR RUEAHQ

DE RUCDDU 23 2282138

ZNR UUUUU

R 161500Z

FM DUADS DULUTH MAP MINN

TO RUMGALE/ADC

RUCDAH/30 AIR DIV TRUAX AFB WISC

RUCDSQ/FOREIGN TECH DIV WPAFB OHIO

RUEAHQ/HQ USAF WASH DC

BT

UNCLAS DUOIN 00089 AUG 65

FO: USAF, SAFOI & AFNIN, 30TH OIN, SUBJ: UFO:

1. DESCRIPTION OF OBJECT:

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15/2315Z
6

1715 Cochr

AF IN : 448 (12 Aug 65)

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F. DISCERNABLE FEATURES: A BRIGHT WHITE LIGHT

G. TAIL, TRAIL OF EXHAUST: SLIGHT TAIL

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H. SOUND: NONE

1. UNUSUAL FEATURES: LIGHT WAS EXTRA BRIGHT

2. DESCRIPTION OF COURSE OF OBJECT:

A. WHY NOTICED: UNKNOWN

B. INITIAL ELEVATION AND AZIMUTH: UNABLE TO DESCRIBE IT

C. ELEVATION AND AZIMUTH AS OBJECT DISAPPEARED: (2B.)

D. FLIGHT PATH AND MANEUVERABILITY: NORTH EAST

E. MANNER OF DISAPPEARANCE: OBJECT MOVED OVER THE HORIZON(THE
ACTUAL HORIZON IS OBSCURED BY THE SURROUNDING HILLS

F. LENGTH OF TIME IN SIGHT: APPROXIMATELY 10 MINUTES

3. METHOD OF OBSERVATION:

A. METHOD: NAKED EYE

B. OPTICAL AIDS: NONE

C. AIRBORNE SIGHTING INFORMATION: NONE

4. TIME AND DATE OF SIGHTING:

A. DATE TIME GROUP: 12/0620Z

B. NIGHT

AF IN ; 6489 (17 Aug 65)

Pg 2 of 4

A. SHAPE: ROUND

B. SIZE: SMALL

C. COLOR: WHITE

D. NUMBER: ONE

E. FORMATION: N/A

F. DISCERNABLE FEATURES: NONE

G. TAIL, TRAIL OF EXHAUST: NONE

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H. SOUND: NONE

I. UNUSUAL FEATURES: NONE

2. DESCRIPTION OF COURSE OF OBJECT:

A. WHY NOTICED: OUT ON THE PORCH AND LOOKED UP AND SAW IT

B. INITIAL ELEVATION AND AZIMUTH: 60 AND 270 DEGREES

C. ELEVATION AND AZIMUTH AS OBJECT DISAPPEARED: 40 & 360 DEGREE

D. FLIGHT PATH AND MANEUVERABILITY: GOING VERY FAST, COMING
FROM THE WEST, CIRCLED & WENT NORTH

E. MANNER OF DISAPPEARANCE: N/A

F. LENGTH OF TIME IN SIGHT: 1 MINUTE

3. MANNER OF OBSERVATION:

A. METHOD: EYES

INCOMING
MESSAGE

DEPARTMENT OF THE AIR FORCE
STAFF MESSAGE BRANCH

UNCLASSIFIED

AF IN : 6489 (17 Aug 65)

Pg 3 of 4

B. OPTICAL AIDS: NONE

C. AIRBORNE SIGHTING INFORMATION: NONE

4. TIME AND DATE OF SIGHTING:

A. DTG (Z): 15/2315Z

B. DAY

5. LOCATION OF OBSERVER: DULUTH, MINN.

6. IDENTIFYING INFO ON ALL OBSERVERS: MISS 

AVE EAST, DULUTH, MINN, AGE 20.

PAGE 3 RUCDDU 23 UNCLAS

7. WEATHER AND WINDS ALOFT AT TIME OF SIGHTING:

A. OBSERVER'S ACCOUNT OF WEATHER: A FEW CLOUDS

B. AWS ACCOUNT OF WINDS DIRECTION AND VELOCITY AT:

1. SURFACE: 270/05KNOTS

2. 6,000 290/10K

3. 10,000 290/15K

4. 16,000 270/35K

5. 20,000 270/45K

6. 30,000 260/40K

7. 50,000 270/55K

8. 80,000 ////

INCOMING
MESSAGE

DEPARTMENT OF THE AIR FORCE
STAFF MESSAGE BRANCH

UNCLASSIFIED

AF IN : 6489 (17 Aug 65)

Pg 4 of 4

C. CEILING: SCATTERED

D. VISIBILITY: 15 PLUS MILES

E. CLOUD COVER: 3/10

F. THUNDERSTORMS IN AREA: NONE

8. UNUSUAL ACTIVITY IN THE AREA: NONE

9 INTERCEPTION AND IDENTIFICATION OF ACTION TAKEN: NONE

10. LOCATION OF KNOWN AIR TRAFFIC IN AREA AT TIME OF THE SIGHTING:

NONE

11. POSITION TITLE, COMMENTS OF PREPARING OFFICER:

PAGE 4 RUCDDU 23 UNCLAS

A. CHIEF OF INTELLIGENCE

B. PROBABLE SATELLITE

During Day of Manoeuvring

12. PHYSICAL EVIDENCE: NONE

13. MISC. COMMENTS OF OBSERVER: NONE

BT

NOTE : ORIGINAL TRANSMISSION NOT IDENTIFIED IN SMB.
ADV CY DELIVERED TO DIA.

NNN

N

PROJECT 10073 RECORD

1. DATE - TIME GROUP 19 August 65 20/0541Z	2. LOCATION Duluth, Minnesota
3. SOURCE Civilian	10. CONCLUSION Satellite (ECHO II)
4. NUMBER OF OBJECTS One	ECHO II over Duluth at 1136 PM heading NE at 26 deg elevation to the West on 19 August.
5. LENGTH OF OBSERVATION 10 Minutes	11. BRIEF SUMMARY AND ANALYSIS
6. TYPE OF OBSERVATION Ground-Visual	White light bigger than a star. Going very slow. Observed for 10 minutes. Direction not reported. Object characteristic of a Satellite. Duration slightly excessive but data furnished by witness not of a very good quality. Not able to give direction of flight or elevation in terms of deg. Possible over estimation on duration since witness said the object was moving too slow for a meteor. Description of a moving star similar to Satellite description.
7. COURSE Not Reported	
8. PHOTOS ☐ Yes ☒ No	
9. PHYSICAL EVIDENCE ☐ Yes ☒ No	

INCOMING
MESSAGE

DEPARTMENT OF THE AIR FORCE
STAFF MESSAGE BRANCH

UNCLASSIFIED

SMB B101

ZCZCVQD251ZCYJE 58 AF IN : 12860 (20 Aug 65) H/mb Pg.1 of 4
RR RUEAHQ ACTION: NIN-7
DE RUCDDU 13 2321543 INFO : XOP-1, XOPX-8, SAFOS-3, DIA-1 (21)
ZNR UUUUU
R 201400Z

FM DUADS DULUTH INTL APRT MINN

TO RUWGALE/ADC

RUCDAH/30ADIV TRUAX FLD WIS

RUCDSQ/FOREIGN TECH DIV WRIGHT PATTERSON AFB OHIO

RUEAHQ/HQ USAF

BT

UNCLAS DUOIN 00090 AUG 65

FOR USAF, SAFOI AFNIN, 30TH OIN, SUBJ: UFO.

1. DESCRIPTION OF OBJECT:

- A. SHAPE: NONE
- B. SIZE: BIGGER THAN A STAR
- C. COLOR: WHITE LIGHT
- D. NUMBER: ONE
- E. FORMATION: NONE
- F. DISCERNABLE FEATURES: NONE
- G. TAIL, TRAIL OF EXHAUST: NONE

DULUTH, MINN

ECU II

CST

1400 PM AUG 19 NORTH OF CITY, 45 DEGREES ABOVE HORIZON MOVING
1700 PM AUG 19 WEST OF CITY, 20 DEGREES ABOVE HORIZON MOVING

INCOMING
MESSAGE

DEPARTMENT OF THE AIR FORCE
STAFF MESSAGE BRANCH

UNCLASSIFIED

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AF IN: 12860 (20 Aug 65)

Pg 2 of 4

H. SOUND: NONE

I. UNUSUAL FEATURES: NONE

2. DESCRIPTION OF COURSE OF OBJECT:

A. WHY NOTICED: HIS SON FIRST NOTICED IT

B. INITIAL ELEVATION AND AZIMUTH: UNKNOWNH & 60 DEGREES

C. ELEVATION & AZIMUTH AS OBJECT DISAPPEARED: NOT OBSERVED

D. FLIGHT PATH AND MANEUVERABILITY: GOING VERY SLOW

E. MANNER OF DISAPPEARANCE: NOT OBSERVED

F. LENGTH OF TIME IN SIGHT: 10 MINUTES

3. MANNER OF OBSERVATION:

A. METHOD: NAKED EYES

B. OPTICAL AIDS: NONE

C. AIRBORNE SIGHTING INFORMATION: NONE

4. TIME AND DATE OF SIGHTING:

A. DTG (Z): 20/0541Z

B. NIGHT

5. LOCATION OF OBSERVERS:

A. LAT/LONG: N/A

B. DULUTH, MINN

6. IDENTIFYING INFO ON ALL OBSERVER(S): MR. [REDACTED]

INCOMING
MESSAGE

DEPARTMENT OF THE AIR FORCE
STAFF MESSAGE BRANCH

UNCLASSIFIED

PAGE 3 RUCDDU 13 UNCLAS AF IN: 12860 (20 Aug 65)

Pg 3 of 4

MILLER TRUNK HIGHWAY, DULUTH, MINN.

7. WEATHER & WINDS ALOFT AT TIME OF SIGHTING:

A. OBSERVER'S ACCOUNT OF WEATHER: CLEAR

B. AWS ACCOUNT OF WINDS DIRECTION AND VELOCITY AT:

1. SURFACE: CALM

2. 6,000 320/15K

3. 10,000 320/30K NW

4. 16,000 320/40K

5. 20,000 10/50K

6. 30,000 310/85K

7. 50,000 310/75K

8. 60,000 ///

C. CEILING: INDEFINITE

D. VISIBILITY: UNLIMITED

E. CLOUD COVER: NIL

F. THUNDERSTORMS IN AREA: NONE

8. UNUSUAL ACTIVITY IN THE AREA: NONE

9. INTERCEPTION AND IDENT

FICATION OF ACTION TAKEN: NONE

10. LOCATION OF AIR TRAFFIC IN AREA AT TIME OF SIGHTING: NONE

11. POSITION TITLE, COMMENTS OF PREPARING OFFICER: CHIEF OF INTELL-

INCOMING
MESSAGE

DEPARTMENT OF THE AIR FORCE
STAFF MESSAGE BRANCH

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PAGE 4 RUCDDU 13 UNCLAS

AF IN: 12860 (20 Aug 65)

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IGENCE, MR. [REDACTED] FELT THAT THE OBJECT UNDER OBSERVATION WAS TOO LARGE TO BE A STAR BUT ITS RATE OF MOVEMENT WAS TOO SLOW TO BE THAT OF A METEORITE. THE TWO MILITARY OBSERVERS WERE SENT UP ON THE ROOF OF THE SECTOR BUILDING AND FAILED TO LOCATE THE OBJECT SEEN BY MR. [REDACTED]. THE SECTORS RADAR DID NOT SHOW ANY UNKNOWN OBJECTS NOT ANY AIRCRAFT IN THE AREA DURING THE PERIOD OF THE SIGHTING. BASED ON SMALL AMOUNT OF EVIDENCE AVAILABLE THE OBJECT MAY HAVE BEEN A SATELLITE.

12. PHYSICAL EVIDENCE: NONE

12. MISC COMMENTS OF OBSERVER: NONE

BT

NOTE: ADVANCE COPY DELIVERED TO DIA.

PROJECT 10073 RECORD

1. DATE - TIME GROUP 22 August 65 23/0300Z	2. LOCATION Duluth, Minnesota
3. SOURCE Civilian	10. CONCLUSION Satellite (POSSIBLY ECHO II) Object characteristic of a Satellite. ECHO II passes were about 1 hour before and one hour after the reported. Possible error in time conversion.
4. NUMBER OF OBJECTS One	11. BRIEF SUMMARY AND ANALYSIS Brilliant white object brighter than the brightest star. One horizon in South moving overhead to horizon in North. Hesitating flight of 10 minutes.
5. LENGTH OF OBSERVATION 10 Minutes	
6. TYPE OF OBSERVATION Ground-Visual	
7. COURSE E	
8. PHOTOS ☐ Yes ☒ No	
9. PHYSICAL EVIDENCE ☐ Yes ☒ No	

FORM

UNCLASSIFIED

DEPARTMENT OF THE AIR FORCE
STAFF MESSAGE BRANCH
INCOMING MESSAGE

AF IN : 17580 (24 Aug 65) P/jrh

pg 1 of 4

ACTION: NIN-7

INFO : XOP-1, XOPX-8, SAF-OS-3, DIA-1 (21)

SMB H117CHQE200ZCYJD520

RR RUEAHQ

DE RUDDU 8 236160Z

ZNR UUUUU

241430Z

FM DUADS DULUTH MAP MINN

TO RUWGALE/ADC

RUDDAH/30 ADIV SAGE TRUAX FLD WISC

RUDDSQ/FOREIGN TECH DIV WRIGHT PATTERSON AFB OHIO

RUEAHQ/HQ USAF

BT

UNCLAS DUOIN 00091 AUG 65

FOR: USAF, SAFOI & AFNIN, 30TH OIN, SUBJ: UFO:

1. DESCRIPTION OF OBJECT:

A. SHAPE: UNKNOWN

B. SIZE: UNKNOWN

C. COLOR: BRILLIANT WHITE

D. NUMBER : ONE

E. FORMATION: NONE

F. DISCERNABLE FEATURES: NONE

AFHQ FORM 0-309C
JAN 65

UNCLASSIFIED

AF IN : 448 (12 Aug 65)

Pg 3 of 4

5. LOCATION OF OBSERVERS: LAT/LONG., DULUTH, MINNESOTA

6. IDENTIFYING INFORMATION OF OBSERVERS: MRS. [REDACTED]

[REDACTED] DULUTH, MINN. AGE: UNKNOWN, RELIABILITY: UNKNOWN

PAGE 3 RUCDDU 13 UNCLAS

OCCUPATION: UNKNOWN.

7 WEATHER AND WING

ALOFT:

A. AWS ACCOUNT OF WIND DIRECTION & VELOCITY:

1. SURFACE: 230/9 KNOTS

2. 6,000 230/25K

3. 10,000 260/20K

4. 16,000 290/25K

5. 20,000 290/25K

6. 30,000 320/40K

7. 50,000 300/40K

8. 80,000 090/10K

B. CEILING: NONE

C. VISIBILITY: 15PLUS MILES

D. THUNDERSTORMS IN AREA: NONE

E. CLOUD COVER: 12,000 BROKEN

8. UNUSUAL ACTIVITY IN AREA: NONE

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DEPARTMENT OF THE AIR FORCE
STAFF MESSAGE BRANCH
INCOMING MESSAGE

AF IN : 17580 (24 Aug 65)
G. TAIL, TRAIL OF EXHAUST: NONE

pg 2 of 4

PAGE 2 RUDDU 8 UNCLAS

H. SOUND: NONE

1. UNUSUAL FEATURES: BRIGHTER THAN BRIGHTEST STAR

2. DESCRIPTION OF COURSE OF OBJECT:

A. WHY NOTICED: SON NOTICED MOVING OBJECT

B. INITIAL ELEVATION AND AZIMUTH: ON HORIZON AT 180 DEGREES

C. ELEVATION AND AZIMUTH AS OBJECT DISAPPERED: ON HORIZON AT
360 DEGREES

D. FLIGHT PATH AND MANEUVERABILITY: SOUTH TO NORTH-
MOVING -HESIATING THEN MOVE AGAIN.

E. MANNER OF DISAPPERANCE: DISAPPERED BEHIND HORIZON

F. LENGTH OF TIME IN SIGHT: 10 MINUTES

3. MANNER OF OBSERVATION:

A. METHOD: EYES

B. OPTICAL AIDS: NONE

C. AIRBORNE SIGHTING INFORMATION: NONE

4. TIME AND DATE OF SIGHTING:

A. DTG (Z): 23/0300Z

B. NIGHT

AFHQ FORM
JAN 65 0-309C

UNCLASSIFIED

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DEPARTMENT OF THE AIR FORCE
STAFF MESSAGE BRANCH
INCOMING MESSAGE

AF IN : 17580 (24 Aug 65)

pg 3 of 4

5. LOCATION OF OBSERVER(S): NEAR ISLAND LAKE APPROX 22 MILES

NORTHEAST OF DULUTH, MINN.

PAGE 3 RUDDU 8 UNCLAS

6. IDENTIFYING INFO OF ALL OBSERVERS: [REDACTED]

[REDACTED], [REDACTED] AND FAMILY, AND [REDACTED], MPLS, MINN.,

AND FAMILY

7. WEATHER & WINDS ALOFT AT TIME OF SIGHTING:

A. OBSERVER ACCOUNT OF WEATHER: CLEAR AND VERY DARK

B. AWS ACCOUNT OF WINDS DIRECTION AND VELOCITY AT:

1. SURFACE: 040/4 KNOTS

2. 6,000 310/25 K

3. 10,000 310/30K

4. 16,000 340/35K

5. 20,000 340/40K

6. 30,000 090/60K

7. 50,000 360/30K

C. CEILING: 5,000 BROKEN

D. VISIBILITY: 15 MILES

E. CLOUD COVER:

F. THUNDERSTORMS IN AREA: NONE

AFHQ FORM 0-309C
JAN 65

UNCLASSIFIED

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DEPARTMENT OF THE AIR FORCE
STAFF MESSAGE BRANCH
INCOMING MESSAGE

AF IN : 17580 (24 Aug 65)

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8. UNUSUAL ACTIVITY IN THE AREA: NONE

9. INTERCEPTION OR IDENTIFICATION OF ACTION TAKEN: NONE

10. LOCATION OF AIR TRAFFIC IN AREA AT TIME OF SIGHTING: NONE

PAGE 4 RUDDU 8 UNCLAS

11. POSITION TITLE/ COMMENTS OF PREPARING OFFICER: CHIEF OF
INTELLIGENCE/THIS SIGHTING IS PROBABLY ONE OF THE SATELLITES SUCH
AS ECHO II OR SOME OF THE SPACE DEBRIS.

12. PHYSICAL EVIDENCE: NONE

13. MISC, COMMENTS OF OBSERVER: NONE

BT

NNNN

14 04 AUG 65 01 41 DEGREES ABOVE HORIZON MOVING NE
02 04 AUG 65 01 41 DEGREES ABOVE HORIZON MOVING NE
03 04 AUG 65 01 41 DEGREES ABOVE HORIZON MOVING NE
04 04 AUG 65 01 41 DEGREES ABOVE HORIZON MOVING NE
05 04 AUG 65 01 41 DEGREES ABOVE HORIZON MOVING NE
06 04 AUG 65 01 41 DEGREES ABOVE HORIZON MOVING NE
07 04 AUG 65 01 41 DEGREES ABOVE HORIZON MOVING NE
08 04 AUG 65 01 41 DEGREES ABOVE HORIZON MOVING NE
09 04 AUG 65 01 41 DEGREES ABOVE HORIZON MOVING NE
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11 04 AUG 65 01 41 DEGREES ABOVE HORIZON MOVING NE
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14 04 AUG 65 01 41 DEGREES ABOVE HORIZON MOVING NE
15 04 AUG 65 01 41 DEGREES ABOVE HORIZON MOVING NE
16 04 AUG 65 01 41 DEGREES ABOVE HORIZON MOVING NE
17 04 AUG 65 01 41 DEGREES ABOVE HORIZON MOVING NE
18 04 AUG 65 01 41 DEGREES ABOVE HORIZON MOVING NE
19 04 AUG 65 01 41 DEGREES ABOVE HORIZON MOVING NE
20 04 AUG 65 01 41 DEGREES ABOVE HORIZON MOVING NE
21 04 AUG 65 01 41 DEGREES ABOVE HORIZON MOVING NE
22 04 AUG 65 01 41 DEGREES ABOVE HORIZON MOVING NE
23 04 AUG 65 01 41 DEGREES ABOVE HORIZON MOVING NE
24 04 AUG 65 01 41 DEGREES ABOVE HORIZON MOVING NE
25 04 AUG 65 01 41 DEGREES ABOVE HORIZON MOVING NE
26 04 AUG 65 01 41 DEGREES ABOVE HORIZON MOVING NE
27 04 AUG 65 01 41 DEGREES ABOVE HORIZON MOVING NE
28 04 AUG 65 01 41 DEGREES ABOVE HORIZON MOVING NE
29 04 AUG 65 01 41 DEGREES ABOVE HORIZON MOVING NE
30 04 AUG 65 01 41 DEGREES ABOVE HORIZON MOVING NE
31 04 AUG 65 01 41 DEGREES ABOVE HORIZON MOVING NE
32 04 AUG 65 01 41 DEGREES ABOVE HORIZON MOVING NE
33 04 AUG 65 01 41 DEGREES ABOVE HORIZON MOVING NE
34 04 AUG 65 01 41 DEGREES ABOVE HORIZON MOVING NE
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37 04 AUG 65 01 41 DEGREES ABOVE HORIZON MOVING NE
38 04 AUG 65 01 41 DEGREES ABOVE HORIZON MOVING NE
39 04 AUG 65 01 41 DEGREES ABOVE HORIZON MOVING NE
40 04 AUG 65 01 41 DEGREES ABOVE HORIZON MOVING NE
41 04 AUG 65 01 41 DEGREES ABOVE HORIZON MOVING NE
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44 04 AUG 65 01 41 DEGREES ABOVE HORIZON MOVING NE
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61 04 AUG 65 01 41 DEGREES ABOVE HORIZON MOVING NE
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67 04 AUG 65 01 41 DEGREES ABOVE HORIZON MOVING NE
68 04 AUG 65 01 41 DEGREES ABOVE HORIZON MOVING NE
69 04 AUG 65 01 41 DEGREES ABOVE HORIZON MOVING NE
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71 04 AUG 65 01 41 DEGREES ABOVE HORIZON MOVING NE
72 04 AUG 65 01 41 DEGREES ABOVE HORIZON MOVING NE
73 04 AUG 65 01 41 DEGREES ABOVE HORIZON MOVING NE
74 04 AUG 65 01 41 DEGREES ABOVE HORIZON MOVING NE
75 04 AUG 65 01 41 DEGREES ABOVE HORIZON MOVING NE
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77 04 AUG 65 01 41 DEGREES ABOVE HORIZON MOVING NE
78 04 AUG 65 01 41 DEGREES ABOVE HORIZON MOVING NE
79 04 AUG 65 01 41 DEGREES ABOVE HORIZON MOVING NE
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81 04 AUG 65 01 41 DEGREES ABOVE HORIZON MOVING NE
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83 04 AUG 65 01 41 DEGREES ABOVE HORIZON MOVING NE
84 04 AUG 65 01 41 DEGREES ABOVE HORIZON MOVING NE
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87 04 AUG 65 01 41 DEGREES ABOVE HORIZON MOVING NE
88 04 AUG 65 01 41 DEGREES ABOVE HORIZON MOVING NE
89 04 AUG 65 01 41 DEGREES ABOVE HORIZON MOVING NE
90 04 AUG 65 01 41 DEGREES ABOVE HORIZON MOVING NE
91 04 AUG 65 01 41 DEGREES ABOVE HORIZON MOVING NE
92 04 AUG 65 01 41 DEGREES ABOVE HORIZON MOVING NE
93 04 AUG 65 01 41 DEGREES ABOVE HORIZON MOVING NE
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95 04 AUG 65 01 41 DEGREES ABOVE HORIZON MOVING NE
96 04 AUG 65 01 41 DEGREES ABOVE HORIZON MOVING NE
97 04 AUG 65 01 41 DEGREES ABOVE HORIZON MOVING NE
98 04 AUG 65 01 41 DEGREES ABOVE HORIZON MOVING NE
99 04 AUG 65 01 41 DEGREES ABOVE HORIZON MOVING NE
00 04 AUG 65 01 41 DEGREES ABOVE HORIZON MOVING NE

ECHO II

AFHQ FORM 0-309C
JAN 65

UNCLASSIFIED

INCOMING
MESSAGE

DEPARTMENT OF THE AIR FORCE
STAFF MESSAGE BRANCH

UNCLASSIFIED

AF IN : 448 (12 Aug 65)

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9. INTERCEPTION OR IDENTIFICATION OF ACTION TAKEN: NONE

10. LOCATION OF KNOWN AIR TRAFFIC IN AREA AT TIME OF SIGHTING:
NONE

11. POSITION TITLE AND COMMENTS OF PREPARING OFFICER: CHIEF OF
PAGE 4 RUCDDU 13 UNCLAS

INTELLIGENCE. INITIALLY THE REPORT WOULD SEEM TO INDICATE THAT
THE OBSERVER AND HER 5 BRODGE COMPANIONS HAD OBSERVED ECHO 2
WHICH WAS 33 DEGREES ABOVE THE WEATHER HORIZON MOVING NORTHEAST
AT 0603Z. THE OTHER POSSIBILITY, BECAUSE OF THE BRIGG BEING OBSERVED
, COULD EITHER BE A RAPIDLY DECAYING COMET
OR SPACE JUNK.

12. PHYSICAL EVIDENCE: NONE

BT

NNN

N

DULUTH, MINN.

Exh II

CST

AT 09.15 PM AUG.10	EAST OF CITY, 14 DEGREES ABOVE HORIZON	MOVING NE
AT 11.05 PM AUG.10	NORTH OF CITY, 55 DEGREES ABOVE HORIZON	MOVING NE
AT 00.51 AM AUG.11	WEST OF CITY, 20 DEGREES ABOVE HORIZON	MOVING NE
AT 08.41 PM AUG.11	EAST OF CITY, 07 DEGREES ABOVE HORIZON	MOVING NE
AT 10.31 PM AUG.11	EAST OF CITY, 51 DEGREES ABOVE HORIZON	MOVING NE
AT 00.19 AM AUG.12	WEST OF CITY, 33 DEGREES ABOVE HORIZON	MOVING NE
AT 09.59 PM AUG.12	EAST OF CITY, 33 DEGREES ABOVE HORIZON	MOVING NE
AT 11.27 PM AUG.12	WEST OF CITY, 43 DEGREES ABOVE HORIZON	MOVING NE
AT 09.25 PM AUG.13	EAST OF CITY, 23 DEGREES ABOVE HORIZON	MOVING NE
AT 11.14 PM AUG.13	WEST OF CITY, 69 DEGREES ABOVE HORIZON	MOVING NE
AT 01.02 AM AUG.14	WEST OF CITY, 13 DEGREES ABOVE HORIZON	MOVING NE
AT 08.53 PM AUG.14	EAST OF CITY, 15 DEGREES ABOVE HORIZON	MOVING NE
AT 10.39 PM AUG.14	SOUTH OF CITY, 56 DEGREES ABOVE HORIZON	MOVING NE
AT 00.30 AM AUG.15	WEST OF CITY, 21 DEGREES ABOVE HORIZON	MOVING NE
AT 08.19 PM AUG.15	EAST OF CITY, 08 DEGREES ABOVE HORIZON	MOVING NE
AT 10.09 PM AUG.15	EAST OF CITY, 49 DEGREES ABOVE HORIZON	MOVING NE
AT 11.57 PM AUG.15	WEST OF CITY, 30 DEGREES ABOVE HORIZON	MOVING NE
AT 09.36 PM AUG.16	EAST OF CITY, 35 DEGREES ABOVE HORIZON	MOVING NE
AT 11.24 PM AUG.16	WEST OF CITY, 44 DEGREES ABOVE HORIZON	MOVING NE
AT 01.11 AM AUG.17	WEST OF CITY, 04 DEGREES ABOVE HORIZON	MOVING NE

PROJECT 10073 RECORD

1. DATE - TIME GROUP 12 August 65 13/0402Z	2. LOCATION Duluth, Minnesota
3. SOURCE Civilian	10. CONCLUSION Satellite (ECHO II)
4. NUMBER OF OBJECTS One	ECHO II over Duluth at 2159 at 33 deg elevation in flight to NE. Sighting has characteristics of a Satellite observation.
5. LENGTH OF OBSERVATION 45 - 50 Seconds	11. BRIEF SUMMARY AND ANALYSIS
6. TYPE OF OBSERVATION Ground-Visual	Object similar to a star, possibly bigger and brighter. Disappeared over the NE horizon. Directly overhead. 45-50 seconds. Probably under estimation on duration and angle of elevation. ECHO II was at 30 deg elevation and would be visible for several minutes.
7. COURSE NE	SEE CASE DULUTH, MINNESOTA 12/0620Z for ECHO SCHEDULE
8. PHOTOS ☐ Yes ☒ No	
9. PHYSICAL EVIDENCE ☐ Yes ☒ No	

INCOMING
MESSAGE

12
13/0402Z - DULUTH, MINN
DEPARTMENT OF THE AIR FORCE
STAFF MESSAGE BRANCH

UNCLASSIFIED

SATELLITE (CCH II)

SMB B108

pg 1 of 4

ZCHQE704ZCYJB227

AF IN : 3509 (14 Aug 65) A/jay

RR RUEAHQ

ACTION: NIN-7,

DE RUCDDU 33S 2260746 INFO : XOP-1, XOPX-8, SAFOS-3, DIA-1, SMB-1 (22)

ZNR UUUUU

BT

UNCLAS SVC ZUI RUEAHQ 325S 2260610 ZDK RUCDDU 33 2252048 132000Z

RR RUEAHQ

DE RUCDDU 33 2252048

ZNR UUUUU

R 132000Z

FM DUADS DULUTH INTL APRT MINN

TO RUWGALE/ADC

RUCDAH/30AIRDIV TRUAX FLD WISC

RUCDSQ/FOREIGN TECH DIV WRIGHT PATTERSON AFB OHIO

RUEAHQ/HQ USAF WASH D C

BT

UNCLAS DUOIN 00085 AUG 65.

FOR: USAF, SAFOI & AFNIN, 30TH OIN, SUBJ: UFO:

1. DESCRIPTION OF OBJECT:

A. SHAPE: SIMILAR TO A STAR

B. SIZE: POSSIBLY A LITTLE LARGER THAN A STAR

C. COLOR: BRIGHTER THAN A STAR

D. NUMBER: ONE

E. FORMATION: NONE

F. DISCERNABLE FEATURES: NONE

G. SOUND: NONE

INCOMING
MESSAGE

DEPARTMENT OF THE AIR FORCE
STAFF MESSAGE BRANCH

UNCLASSIFIED

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AF IN : 3509 (14 Aug 65) pg 3 of 4

5. LOCATION OF OBSERVER:

A. LAT AND LONG: N/A

B. GEOREF OR REFERENCE: DULUTH, MINN

6. IDENTIFICATION OF OBSERVER: CIVILIAN: MR. [REDACTED]

[REDACTED], MINN; AGE 20, REALIABILITY: UNKNOWN EMPLOYED:
DULUTH TRIBUNE NEWSPAPER.

7. WEATHER AND WINDS ALOFT:

A. OBSERVER'S ACCOUNT: 1000FT BROKEN CLOUDS, VISIBILITY 15 PLUS
MILES.

B. AWS ACCOUNT OF WIND DIRECTION & VELOCITY:

1. SURFACE: NONE

2. 6,000 330/15KNOTS

3. 10,000 330/30K

4. 16,000 300/30K

5. 20,000 330/35K

6. 30,000 310/40K

7. 50,000 330/35K

8. 80,000 090/15K

C. CEILING: HIGH SCATTER

D. VISIBILITY: 15 PLUS MILES