

1. DATE - TIME GROUP Feb 53 1229Z	2. LOCATION Finland, Minn.
3. SOURCE Radar	10. CONCLUSION RADAR INTERFERENCE
4. NUMBER OF OBJECTS One	ATIC electronics specialists view this is caused by interference from another radar station.
5. LENGTH OF OBSERVATION	11. BRIEF SUMMARY AND ANALYSIS Object appeared on radar scope at a heading of 155° at 140 miles. Object appeared on scope as being twice the size of one a/c.
6. TYPE OF OBSERVATION Ground-Radar	
7. COURSE	
8. PHOTOS ☐ Yes ☒ No	
9. PHYSICAL EVIDENCE ☐ Yes ☒ No	

Multiple

[REDACTED]
756TH AIRCRAFT CONTROL AND WARNING SQUADRON
[REDACTED]
Finland, Minnesota
[REDACTED]

[REDACTED] 36
AUTH: GO 756th AC&W Sq

DATE: 12 Feb 53

INITIALS: *AWW*

319.1

12 February 1953

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SUBJECT: Radar Observation Data Sheet

TO: Air Technical Intelligence Center
Wright Patterson Air Force Base
Ohio

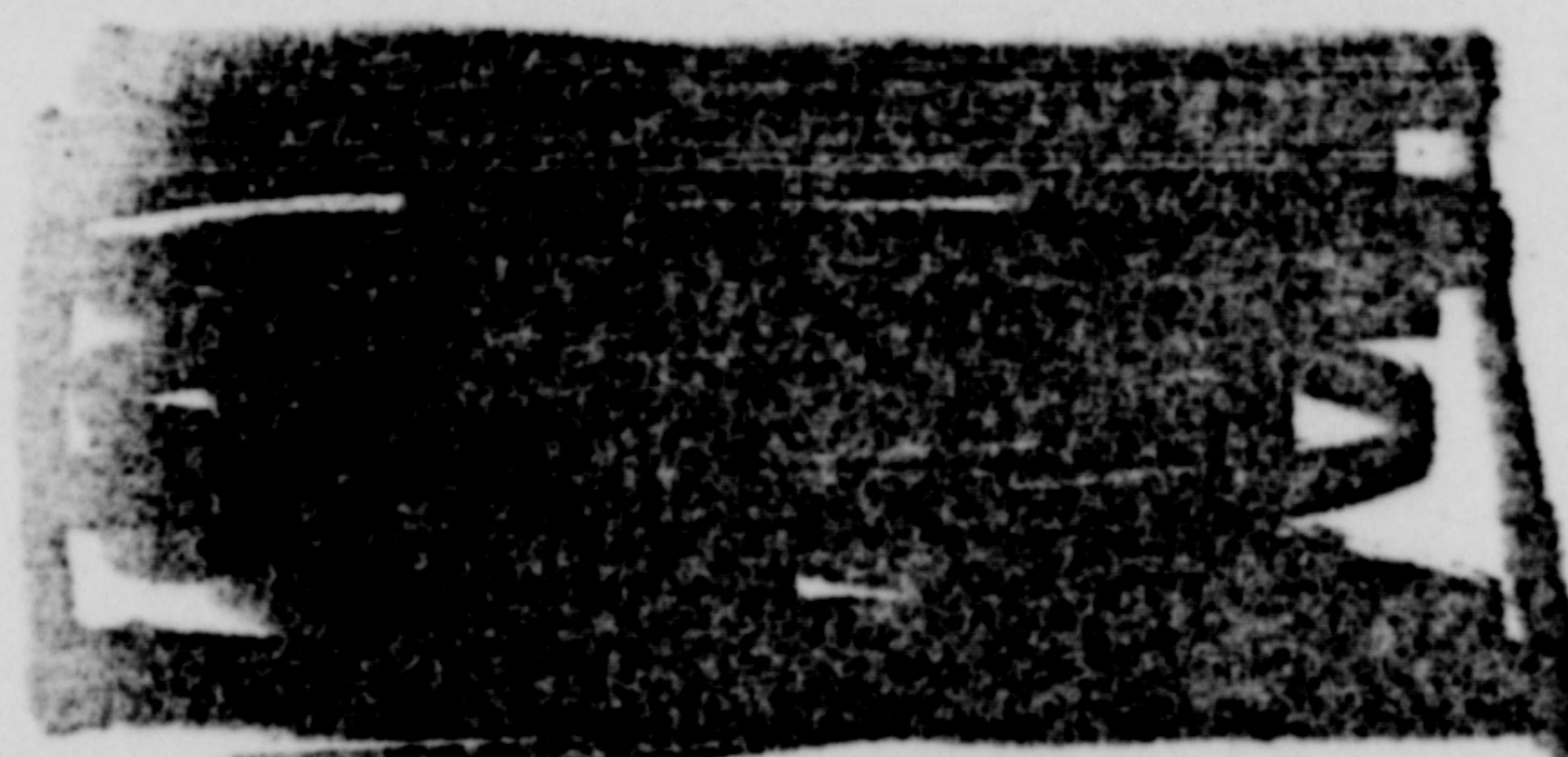
Under the provisions of ADCR 200-5, 20 October 1952, the
inclosed Radar Observation Data Sheet is submitted.

1 Incl
ADC Form 123

Albert Wood, Capt USAF
BRUCE H KIRKPATRICK
for Captain, USAF
Commanding

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I. QUESTIONS REGARDING DETECTED RADAR EQUIPMENT

1. What type radar equipment is involved?

CPS - 3

2. Has there been any recent maintenance difficulties? If so, describe.

No

3. What type modulator (i.e., spark gap, hard tube, etc.) is used in the radar equipment?

THYRATRONE

4. Was the AFC (automatic frequency control) circuit of the receiver operating properly?

YES

5. Has interference from another radar set been observed recently, and are personnel familiar with the effects caused by an interfering signal?

NO

6. What type indicators, "A scope", "Bscope", etc., were used to follow the target?

P.P.I.

7. What was the radar scan rate?

5

8. What was the approximate frequency of the transmitter?

1278 MC

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II. GENERAL QUESTIONS

1. What were the general weather conditions at the time unidentified target was observed?

GOOD

2. What weather data from nearby U.S. weather stations is available on temperature vs altitude, humidity vs altitude, and wind velocity vs altitude?

DLH - CLR 15 VISIBILITY -2 TEM. DEW POINT 6 WINDS WEST NORTH WEST 8

3. Was the target observed by any other nearby radar equipments? If so, give details.

NO (NOT TO OUR KNOWLEDGE)

4. Are the operator and the supervisor familiar with the effects of anomalous (duct-effect) propagation as they pertain to this type radar?

YES

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5. Was there any unusual activity or sound of ground clutter by this power at this site, and was there any activity or sound of ground clutter at any other time that was observed?

NO

6. Was there any unusual activity or sound of ground clutter by this power at this site, and was there any activity or sound of ground clutter at any other time that was observed?

RAIN SHOWING CLOUDS NO EFFECTS ON LIGHTING.

7. Was there any unusual activity or sound of ground clutter by this power at this site, and was there any activity or sound of ground clutter at any other time that was observed?

NO

8. Was there any unusual activity or sound of ground clutter by this power at this site, and was there any activity or sound of ground clutter at any other time that was observed?

NO

9. Was there any unusual activity or sound of ground clutter by this power at this site, and was there any activity or sound of ground clutter at any other time that was observed?

NO

III. SUMMARY OF RESULTS

1. Did any technical personnel observe any unusual activity or sound of ground clutter by this power at this site, and was there any activity or sound of ground clutter at any other time that was observed? YES, LT. KENFIELD, S/SGT. DUFFY AND OPERATOR A/2c CLINE. ~~OPINION~~ OPINION UNKNOWN OR A FLYING SAUCER.

2. Was there a permanent record "track" made of the target positions as they appeared on the indicator? If so, attach to this report. (Plot on back of page 1.)

NO

3. At what range, azimuth, altitude, and time was the target observed?

155 DEGREES AT 140 MILES ALTITUDE UNK. ESTIMATED 15 ANGELS - TIME 1229Z

4. How did the target appear in size and shape as compared with conventional aircraft?

THE BLIP OF TWO(2) AIRCRAFT

5. Was the target of consistent size, shape, and color?

CONSISTENT SIZE

CONSISTENT

6. Did the target appear as a single object or as multiple objects?

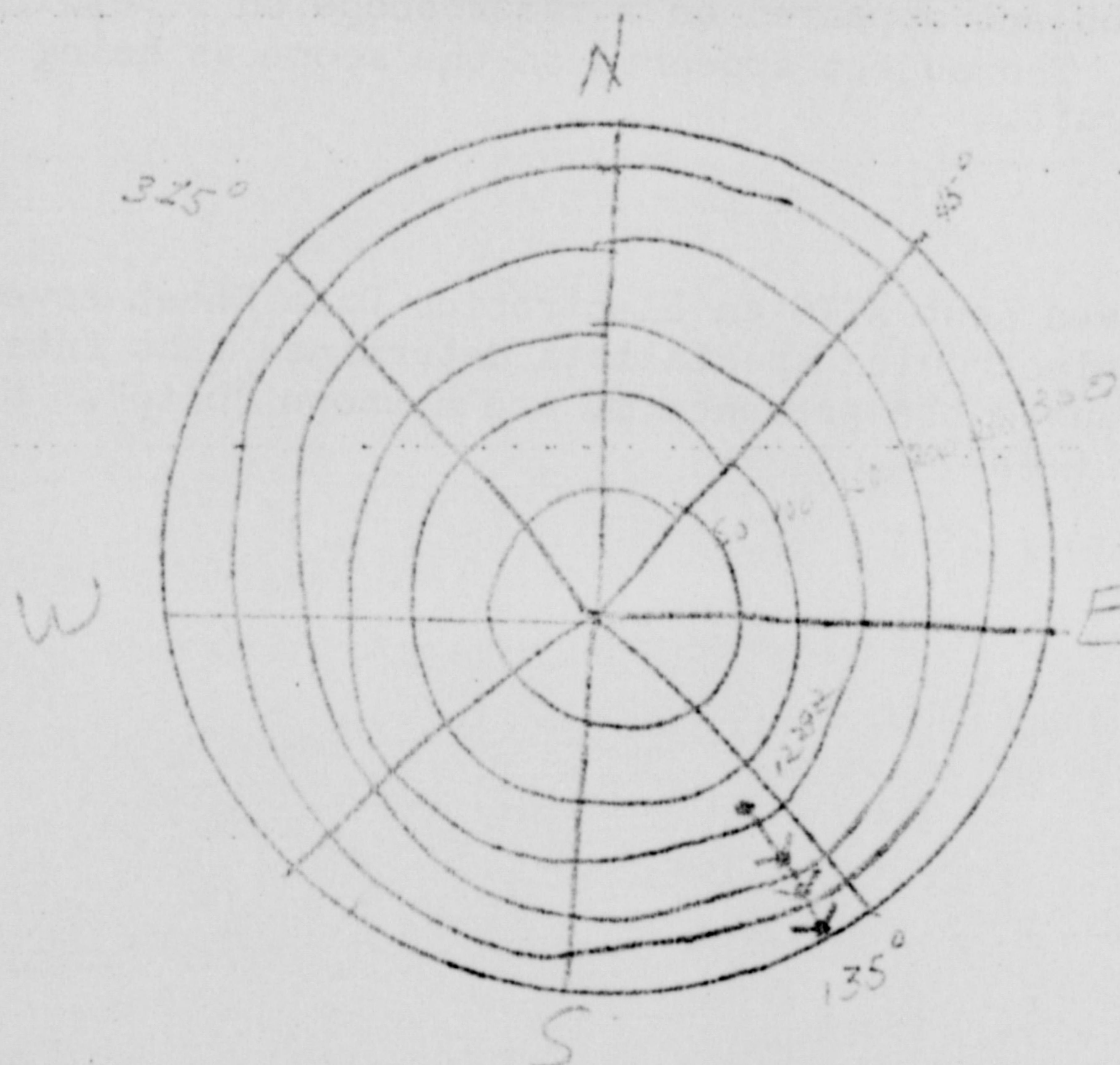
CLEAR & SHARP

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ts were observed in the same
[REDACTED] NONE [REDACTED]

NONE



CONTROLLER - 1ST LT. KENFIELD

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[REDACTED]

S.R. 10

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Finland, Minnesota

February 1953

I. Description of Incident

At 0629 CST an unknown object appeared on a radar scope on a heading of 155° at the 140° mile range. The object appeared on the scope as being twice the size of an ordinary aircraft.

II. Discussion of Incident

The radar station involved sent ATIC an Electronics Data Sheet covering the sighting and from this, electronics specialists determined that interference from another radar station caused the presence of the unknown "blip". No visual observation was made at any time.

III. Conclusion

Interference.

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