

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
6. TYPE OF OBSERVATION Ground-Radar	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.
7. COURSE	
8. PHOTOS <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
9. PHYSICAL EVIDENCE <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

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

*Multiple*

[REDACTED]  
[REDACTED]  
756TH AIRCRAFT CONTROL AND WARNING SQUADRON  
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 DETECTING 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, arc 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 (TO OUR KNOWLEDGE)



4. Are the operator and the supervisor familiar with the effects of surveillance (sust-effect) procedures that pertain to this type radar?

YES



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2. Was a visual observation made of the target at the time of this report or near the time that unknown target was observed?

NO

3. What weather conditions were observed at the time of this report?

RAIN SHOWING CLOUDS NO EFFECTS ON LIGHTING.

4. Was a visual observation made of the target at the time of this report or near the time that unknown target was observed?

NO

5. Was a visual observation made of the target at the time of this report or near the time that unknown target was observed?

NO

6. Was a visual observation made of the target at the time of this report or near the time that unknown target was observed?

NO

7. Did any technical personnel observe the unknown target on the radar scope? YES, LT. KENFIELD, S/SGT. DUFFY AND OPERATOR A/2c CLINE. ~~OPINION~~ OPINION UNKNOWN OR A FLYING SAUCER.

8. Was 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

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

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

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

THE BLIP OF TWO(2) AIRCRAFT

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

CONSISTENT SIZE

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

CLEAR & SHARP

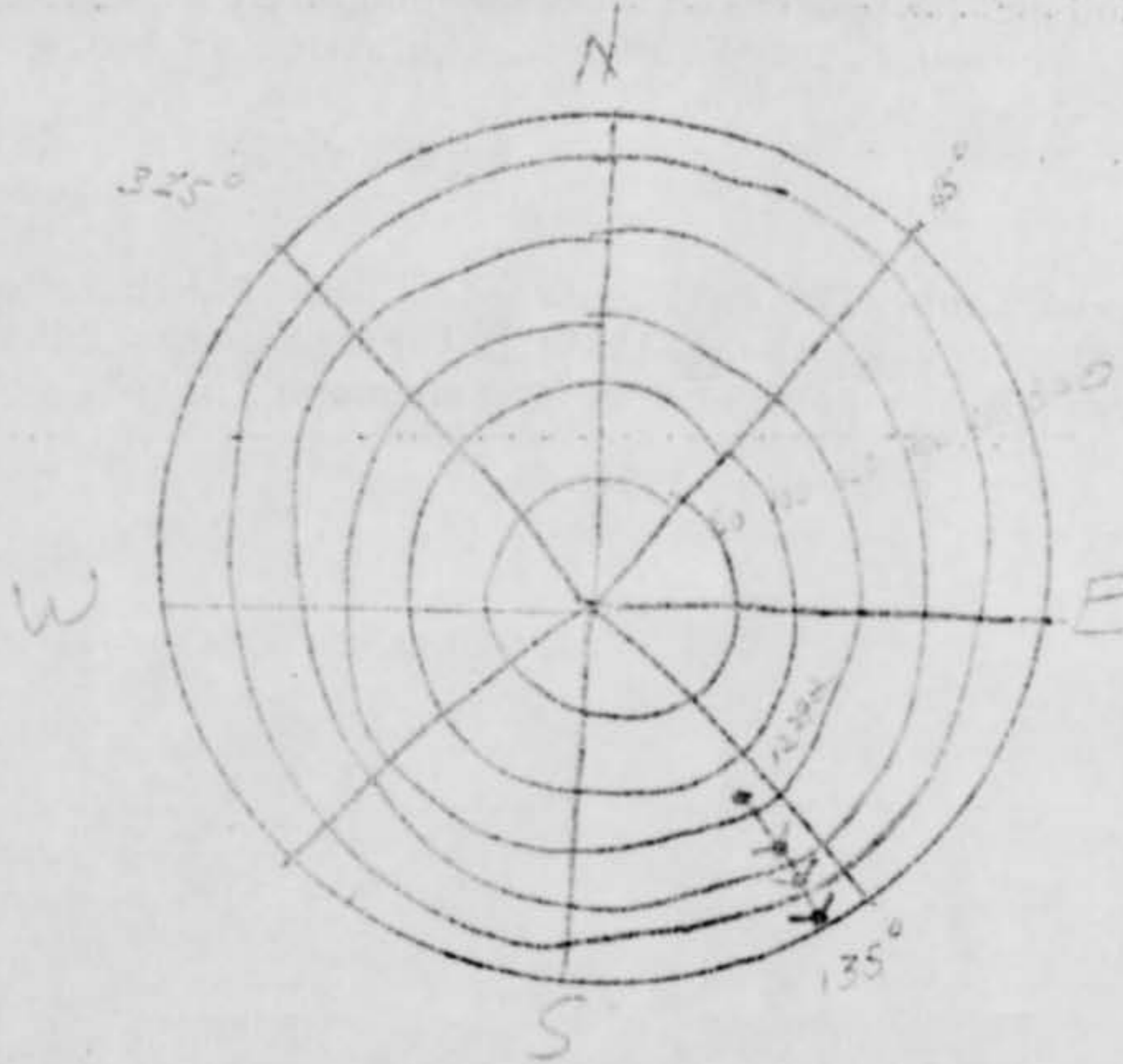


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8. What other (aircraft) targets were observed in the same general area, altitude, and time as that of the unknown target? NONE



1229Z of INITIAL  
1229Z PLUS 48 SECONDS

RANGE - 140 MILES

AZIMUTH 155 DEGREES

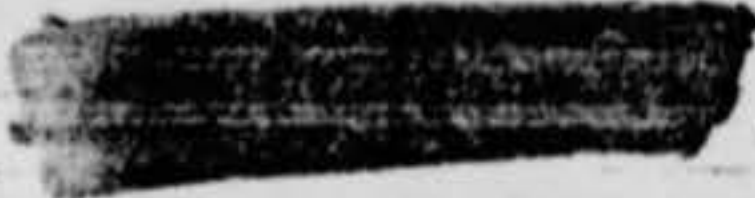
CONTROLLER - 1ST LT. KENTFIELD

INSTRUCTIONS: PLOT TRACK OF TARGET, INDICATE RANGE AND AZIMUTH. GIVE TIME AT START AND END OF TRACK.

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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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