PROJECT 10073 RECORD CARD

1. DATE 25 Aug 55	**2. LOCATION** Forland, Missouri	**12. CONCLUSIONS** ☐ Was Balloon ☐ Probably Balloon ☐ Possibly Balloon ☐ Was Aircraft ☐ Probably Aircraft ☐ Possibly Aircraft ☐ Was Astronomical ☐ Probably Astronomical ☐ Possibly Astronomical ☒ Other Poss Inversion ☐ Insufficient Data for Evaluation ☐ Unknown
3. DATE-TIME GROUP Local _____ GMT 26/0156Z	**4. TYPE OF OBSERVATION** ☐ Ground-Visual ☒ Ground-Radar ☐ Air-Visual ☐ Air-Intercept Radar	
5. PHOTOS ☐ Yes ☒ No	**6. SOURCE** military	
7. LENGTH OF OBSERVATION see rpt	**8. NUMBER OF OBJECTS** one	**9. COURSE** See rpt
10. BRIEF SUMMARY OF SIGHTING	**11. COMMENTS** Classified sighting, see rpt.	

ATIC FORM 329 (REV 26 SEP 52)

MEMO ROUTING SLIP

NEVER USE FOR APPROVALS, DISAPPROVALS, CONCURRENCES, OR SIMILAR ACTIONS

1 NAME OR TITLE	INITIALS		CIRCULATE
Captain Hardin			
ORGANIZATION AND LOCATION	DATE		COORDINATION
ATIC: AFOIN-4E4			
2			FILE
			INFORMATION
3		✓	NECESSARY ACTION
			NOTE AND RETURN
4			SEE ME
			SIGNATURE

REMARKS

COC Weather at ADC was contacted with respect to this report. The undersigned was informed that there was a possible temperature inversion at the time and place of the sighting. This, in connection with data contained in the report leads this headquarters to the opinion that the sighting could have been generated by the inversion, or possible inversion. The UFOB Index Card will not be initiated on this report. This report is forwarded due to the better facilities at your organization for analysis.

FROM NAME OR TITLE	DATE
A/1C Ronald DeRudder	15 Sep 55
ORGANIZATION AND LOCATION	TELEPHONE
4602d AISS	4498

DD FORM 1 FEB 50 95 Replaces DA AGO Form 396, 1 Apr 48, and AFHQ Form 12, 10 Nov 47, which may be used.

16—48487-4 GPO ☆

The information is insufficient to definitely tie down the objects seen as ground targets, although this appears to be the most logical explanation. If additional information regarding the terrain features around the station could be obtained (including objects which could give a good reflected signal (such as large buildings, grain elevators, steel power transmission lines, etc) it might be possible to more definitely establish the source of the reflections.

[redacted]

31. USE THIS SHEET FOR ANY COMMENTS, OPINIONS OR ADDITIONAL DATA NOT COVERED BY THE QUESTIONS.

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6. The reoccurrence of targets ranged from 60 to 110 nautical miles out. There was no AP in evidence on the East side of the scope.

7. Even though the original target was picked up with the antenna on two degrees, it did not change the intensity or the frequency of reoccurrence when it was lowered to .5 degrees.

8. Though the target painted extremely bright before and immediately after DK 17 was in the area, it painted only very dimly while he was flying in the general vicinity.

9. The target was never seen to move, but after fading would always reappear in another location.

10. It never took anyother form than that of an aircraft target (in other words, it never looked like AP or weather).

11. Even though we picked the track up at 236 nm coming toward us, we had to overlap it to "Agony" for a track number, and though it was "broadside" to them, they were unable to pick it up.

The above statement made by 1st Lt JOHN N. OLIVER, USAF, Director on Duty.

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[redacted]

31. USE THIS SHEET FOR ANY COMMENTS, OPINIONS OR ADDITIONAL DATA NOT COVERED BY THE QUESTIONS.

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At approximately 0156Z, 26 August 1955, A/2C Bossom noticed a blip at 075°, 236 nm. Because he waited to see whether the track would fade, it had progressed to 075°, 220nm before an IP was established at 0158Z. Before another move could be put on the board, Airman Bossom was relieved by A/2C Young. Bossom told Young to watch that particular track as it seemed to be coming pretty fast. Airman Young called in a first move at 0202Z at 075°, 180 nm. All plots were called in as follows:

Initial Pick-up			075° - 236nm
IP	BH_____?	?	075° - 220nm
1st	AH 5530	0202Z	075° - 180nm
2nd	AH 1020	0206Z	075° - 145nm
3rd	QH 4022	0208Z	075° - 120nm
4th	QH 1820	0210Z	075° - 103nm
5th	QH 0020	0212Z	080° - 90nm
6th	PH 4018	0215Z	083° - 74nm

Airman Young stated that the track began to slow down perceptibly at about 100nm. When it first faded at 90 nm he tried upper beam but without success. The track reappeared and finally faded at PH 4018 (083° - 74nm). However, a target would reappear and paint strongly at that point but would not move, and then in a few sweeps would fade completely. After about two reappearances, I called "Diploma" Controller, Capt Moore, and told him about it. He said if it reappeared again he would scramble "Dropkick". The target did reappear and "Dropkick" 17 was scrambled and was airborne at 0239Z. When he was about 5 miles from the spot the target was last seen, it popped up dead ahead about 20 miles away, painting strongly. As the fighter approached the target it began to fade and the last paint was when DK 17 was about ½ mile away. DK 17 did not get a visual nor was he able to make any contact on his weapon. From then on it was like a game, the target would pop up about 20 miles away and as soon as I had the fighter headed toward it, it would fade. This happened 10 or 15 times until DK 17 reported he was low on fuel. When he was about fifty miles from the area on his way back to base, the UFOB began painting like a B-52 but still was not moving.

There were several things quite odd about this incident:

1. A check of the Recorder's Logs show a definite reduction in speed from better than 1000 miles per hour between 0206Z and 0208Z to 320 mph from 0212Z to 0215Z. Over this entire period he averaged 575 mph.

2. A constant check of the Height-finder never gave a height indication.

3. A constant check of upper beam both by A/2C Young and by myself never revealed a track going through our area, yet when it faded, it had come almost straight in

4. This track faded about the same place that the track Lt Kerr observed was picked up going out.

5. "Dropkick" 17 could observe no lights above or below him though it occured in a relatively isolated area where there are only a few very small towns. He was at 8.5, 10 and 15 thousand feet and never once had a weapon contact or a visual observation. He reported that the weather was absolutely clear.

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30. IF SCOPE PHOTOS ARE NOT AVAILABLE, PLOT THE TARGET TRACK AS ACCURATELY AS POSSIBLE. GIVE THE TIME AND ALTITUDE (IF MEASURED) FOR EACH POINT PLOTTED. PUT THE NECESSARY RANGE SCALE ON THE DIAGRAM.

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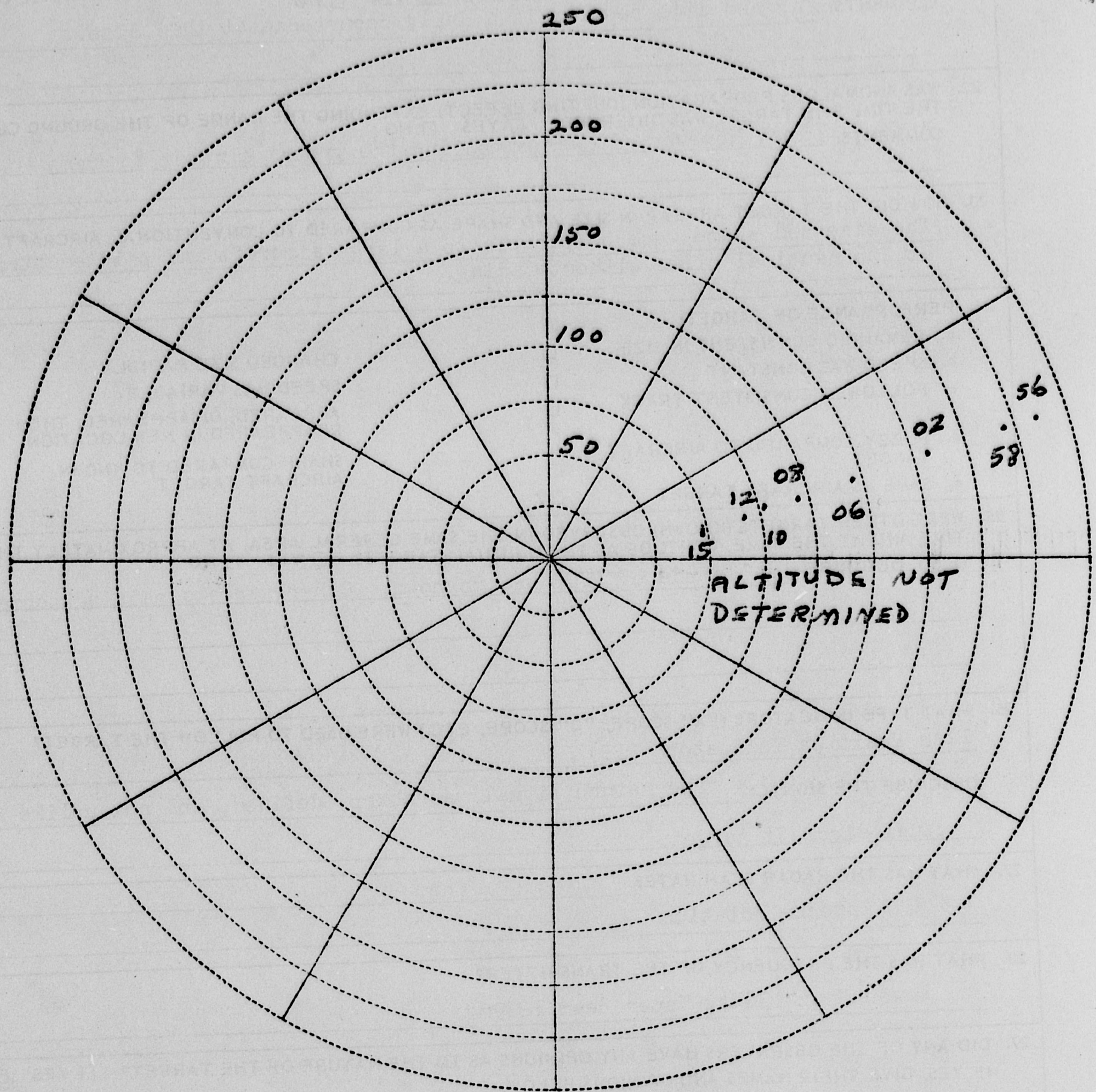

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19. ARE PERSONNEL FAMILIAR WITH THE EFFECTS CAUSED BY AN INTERFERING SIGNAL? ☒ YES ☐ NO

COMMENTS:

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20. ARE PERSONNEL FAMILIAR WITH THE EFFECTS OF ANOMALOUS PROPAGATION (DUCTING EFFECTS) AS THEY PERTAIN TO THIS TYPE OF RADAR? ☒ YES ☐ NO

21. HAS ANOMALOUS PROPAGATION (DUCTING EFFECT) BEEN OBSERVED TO EXTEND THE RANGE OF THE GROUND CLUTTER OF THIS RADAR AT THIS SITE? ☒ YES ☐ NO

COMMENTS: AP and it's results is a daily occurrence at this site.

22. WAS ANOMALOUS PROPAGATION (DUCTING EFFECT) EXTENDING THE RANGE OF THE GROUND CLUTTER AT THE TIME THE TARGET WAS OBSERVED? ☒ YES ☐ NO

COMMENTS: Yes, However, it was extending the ground clutter to the west only.

23. HOW DID THE TARGET APPEAR IN SIZE AND SHAPE AS COMPARED TO CONVENTIONAL AIRCRAFT TARGETS?

The size and shape were comparable to a large aircraft and painted strongly even at 236 nautical miles without fading.

24. PERFORMANCE OF TARGET:

a. REMAINED CONSISTENT IN SIZE	☐	CHANGED SIZE RAPIDLY	☐
b. SPEED WAS CONSTANT	☐	SPEED WAS VARIABLE	☒
c. FOLLOWED CONSISTENT TRACK	☐	APPEARED, DISAPPEARED, THEN REAPPEARED IN NEW LOCATION	☒
d. FUZZY COMPARED TO AIRCRAFT TARGET	☐	SHARP COMPARED TO KNOWN AIRCRAFT TARGET	☒
e. SAME AS AIRCRAFT TARGET	☒		

25. WERE OTHER TARGETS (KNOWN) OBSERVED IN THE SAME GENERAL AREA, AT APPROXIMATELY THE SAME TIME AND AT THE SAME ALTITUDE AS THE UNUSUAL TARGET? ☒ YES ☐ NO

IF SO, DESCRIBE. Altitude of UFOB was unknown. Other targets painted normally.

26. WHAT TYPE INDICATORS ("A" SCOPE, "B" SCOPE, ETC.) WERE USED TO FOLLOW THE TARGET?

Plan Position Indicator (PPI)

DESCRIBE THE SIGNAL: The return signal was sharp, defined, and not unlike an actual aircraft target.

27. WHAT WAS THE RADAR SCAN RATE?

5 RPM Antenna Rotation

28. WHAT WAS THE FREQUENCY OF THE TRANSMITTER?

Lower Beam 1302mg Upper Beam 1289mg

29. DID ANY OF THE OBSERVERS HAVE ANY OPINIONS AS TO THE NATURE OF THE TARGET? ☐ YES ☒ NO

IF YES, GIVE THEIR NAMES AND OPINIONS BELOW.

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8. HAVE YOU HEARD OF ANYONE NOT AT THE RADAR STATION MAKING A VISUAL SIGHTING AT APPROXIMATELY THE SAME TIME THE RADAR CONTACT WAS MADE? ☐ YES ☒ NO
IF SO, GIVE NAME AND ADDRESS.

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9. RADAR SCOPE PHOTOS:
IS RADAR EQUIPPED WITH A SCOPE CAMERA? ☒ YES ☐ NO
WAS CAMERA OPERATIONAL? ☐ YES ☒ NO
WERE SCOPE PHOTOS TAKEN? ☐ YES ☒ NO
WERE PRINTS OF THE SCOPE PHOTOS FORWARDED TO THE AIR TECHNICAL INTELLIGENCE CENTER? ☐ YES ☒ NO

10. TRACK DATA:
WHAT WAS THE NUMBER OF THE TRACK? G 62
WAS A PERMANENT PLOT MADE OF THE TRACK AT THE TIME OF THE OBSERVATION? ☒ YES ☐ NO

11. WERE AIRCRAFT SCRAMBLED TO INTERCEPT THE TARGET? ☒ YES ☐ NO
IF SO, WERE THE AIRCRAFT BEING OBSERVED ON THE SCOPE AT THE SAME TIME AS THE TARGET? ☒ YES ☐ NO

12. WERE ANY NEARBY RADAR INSTALLATIONS QUERIED WHETHER THEY HAD OBSERVED THE SAME TARGET OR TRACK? ☒ YES ☐ NO
IF SO, WHICH STATIONS?

13. WAS THE TARGET OBSERVED ON SEARCH RADAR? ☒ YES ☐ NO
IF SO, WHAT IS THE NOMENCLATURE OF THE EQUIPMENT? AN/FPS-3

14. WAS THE TARGET OBSERVED ON HEIGHT FINDING RADAR? ☐ YES ☒ NO
IF SO, WHAT IS THE NOMENCLATURE OF THE EQUIPMENT?

15. HAVE THERE BEEN ANY RECENT MAINTENANCE DIFFICULTIES? ☐ YES ☒ NO
IF SO, DESCRIBE.

16. WHAT TYPE MODULATOR (I.E., SPARK GAP, HARD TUBE, ETC.) IS USED IN THE RADAR EQUIPMENT?
HYDROGEN THYRATON (SOFT TUBE)

17. WAS THE AFC (AUTOMATIC FREQUENCY CONTROL) CIRCUIT OPERATING PROPERLY? ☒ YES ☐ NO
COMMENTS:

18. HAS INTERFERENCE FROM ANOTHER RADAR SET BEEN OBSERVED RECENTLY: ☐ YES ☒ NO
COMMENTS:

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UFOB REPORT
ELECTRONICS DATA SHEET
(GROUND RADAR)

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The purpose of this questionnaire is to provide technical data for evaluating the report of an unusual radar target or track. It is requested that it be completed as accurately as possible.

When not filled in, the form is Unclassified. The reporting officer will use his own judgement as to what degree of classification is required.

It is preferred that the answers to the questions be typewritten, however, if it will expedite the completion of the form, the answers may be printed in ink. If additional space is needed, use reverse side of form.

1. STATION OBSERVING TARGET:
797th ACW SQUADRON
Organization
FORDLAND AFS FORDLAND, MISSOURI
Location

2. DATE OF THIS REPORT:
30 AUG 1955
Day Month Year

3. DATE TARGET OBSERVED:
26 Aug 1955
Day Month Year
Local Time ☐
Z Time ☒
Time-Local _____ Time-Z _____

4. NAME, RANK AND ORGANIZATION OF REPORTING OFFICER:
JOHN N. OLIVER 1st Lt
797th ACW SQUADRON
FORDLAND AFS MISSOURI

5. EXACT LOCATION OF STATION (COORDINATES):
FJ NH 0709

6. OBSERVER DATE (LIST EACH OBSERVER):

	Name	Rank	Duty	No. of Years Exp. in Radar
A.	OLIVER, JOHN N.	1st Lt	DIRECTOR	3
B.	BOSSOM, J.L.	A/2C	RADAR OPERATOR	1
C.	YOUNG, ISSAC N.	A/2C	RADAR OPERATOR	1
D.				
E.				

7. WAS A VISUAL SIGHTING MADE BY ANY PERSONNEL OF THE STATION? ☐ YES ☒ NO
IF SO, GIVE NAME AND RANK OF ALL PERSONNEL MAKING A VISUAL SIGHTING AND A BRIEF DESCRIPTION OF WHAT THEY SAW:

Carmel Mauro 2nd Lt.

I Avl AFR 205-1 Para 7(c)(1)

GROUP 4
Downgraded at 3 year intervals; declassified after 12 years
13 May 68

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