

MILITARY RADAR

PROJECT 10073 RECORD CARD

1. DATE 29 Sep 60		2. LOCATION Guam		12. CONCLUSIONS <input type="checkbox"/> Was Balloon <input type="checkbox"/> Probably Balloon <input type="checkbox"/> Possibly Balloon	
3. DATE-TIME GROUP Local _____ GMT 29/1235Z		4. TYPE OF OBSERVATION <input checked="" type="checkbox"/> Ground-Visual Binoculars <input type="checkbox"/> Air-Visual <input checked="" type="checkbox"/> Ground-Radar <i>VISUAL</i> <input type="checkbox"/> Air-Intercept Radar		<input checked="" type="checkbox"/> Was Aircraft <input type="checkbox"/> Probably Aircraft <input type="checkbox"/> Possibly Aircraft	
5. PHOTOS <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		6. SOURCE Military		<input type="checkbox"/> Was Astronomical <input type="checkbox"/> Probably Astronomical <input type="checkbox"/> Possibly Astronomical	
7. LENGTH OF OBSERVATION few sec		8. NUMBER OF OBJECTS one	9. COURSE <i>Radar</i> SW-NW	<input checked="" type="checkbox"/> Other <u>Anom Prop.</u> <input type="checkbox"/> Insufficient Data for Evaluation <input type="checkbox"/> Unknown	
10. BRIEF SUMMARY OF SIGHTING Target picked up on radar at 20 miles, tracked to within 2 miles of NAS on collision course. Estimated speed 2880 knots. Visual observation of pale blue light (with binoculars) contact lost when observer turned away for a second.			11. COMMENTS Anomalous propagation frequently causes false targets on radar scopes traveling at apparently fantastic speeds, and it appears that this might well be the answer here. <i>VISUAL CONTACT BELIEVED TO BE A/C.</i>		

COPY TO DR H. H. H.

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ATIC 89

30 Oct 60 14 45

1960 OCT 1 20 29

RC110

CZCSQEB24ZCJYA602

ATIC

RR RJEDSQ

DE RJEZHQ 809

R 011930Z

FM HQ USAF WASH DC

TO ATIC WPAFB OHIO

M 300556Z

FM COMNAVMARIANS

TO RJMALC/THIRTEENTH AF

INFO RBEPW/CNO

RBHPEG/CINCPACFLT

NAVY GRNC

BT

17 HERX
3 4 4X2A

UNCLAS X UFO X REPORTED TO THIS COMMAND AT 300200Z GCA AT NAS AGANA PICKED UP EXCEPTIONALLY GOOD TARGET ON RADAR SCOPE AT 20 MILES AT 29/1245Z BEARING 270 DEGREES COURSE 70 DEGREES X TRACKED TO WITHIN 2 MILES OF MAS ON COLLISION COURSE X ESTIMATED SPEED 2880 KNOTS X ANTENNA TILT INCREASED FROM 2-3/4 DEGREES TO 5 1/2 DEGREES DURING OBSERVATION X NO TARGET ATTAINED OUTBOND OF MAS ON 090 DEGREES HEADING X NO KNOWN AIRCRAFT IN AREA X GCA PERONNEL CALLED NAS TOWER FOR VISUAL OBSERVATION X ONE TOWER OBSERVER SAW PALE BLUE LIGHT WITH BINOCULARS FIRST BELIVED START X SW TO NW BEARING X THEN BELIEVED TO BE AIRCRAFT X OBSERVED FOR FEW SECOND THEN LOST CONTACT WHEN TURNING

PAGE TWO RJEZHQ 809

AWAY FOR MOMENT X NO SOUND X OBSERVERS E G BOWMAN AC1 USN APPROACH
CONTROLLER BELIVED RELIABLE X R E HARVEY AC1 USN CONTROL TOWER
BELIEVED RELIABLE X CEILING 1500 FT X VISIBILITY 15 MILES X CLOUD
COVER 12/10 OVERCAST SLIGHT BREAKS X WIND DIRECTION AND VELOCITY:

HEIGHT	DIRECTION	VELOCITY
6,000 FT	110 DEGREES	10 KTS
10,000 FT	100 DEGREES	9 KTS
16,000 FT	225 DEGREES	8 KTS
20,000 FT	220 DEGREES	06 KTS

BT

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Memo, AFCIN-4E2x, 11 Oct 60, Request for Analysis

1st Ind (AFCIN-4E1a/Mr. Bryant/jc/74201)

89
14 Nov 60

TO: AFCIN-4E2X

1. The facts as presented in this report are insufficient to support a firm analysis. The fact that the "target" moved from a range of 20 miles to a range of 2 miles at a speed of 2880 knots indicates that the target was observed for about 1/3 minute. This is a rather short time to observe the target on radar and correlate a visual observation.

2. The speed of the target, the fact that no plane was known to be in the area, lack of aural observation, and the fact that the target was not observed on an outward course all tend to mitigate against an aircraft target. On the other hand, anomalous propagation frequently causes false targets on radar scopes traveling at apparently fantastic speeds, and it appears that this might well be the answer here.

R. L. James
ROY L. JAMES
Acting Chief
AFCIN-4E1

Atch
w/d

AEROSPACE TECHNICAL INTELLIGENCE CENTER
UNITED STATES AIR FORCE
WRIGHT-PATTERSON AIR FORCE BASE
OHIO



REPLY TO
ATTN OF: AFCIN-4E2x

SUBJECT: Request for Analysis

11 October 1960

TO: AFCIN-4E1

Request radar analysis of attached unidentified flying object sighting be accomplished and results forwarded to AFCIN-4E2x with as little delay as possible.

R. R. Shoop
RICHARD R. SHOOP
Colonel, USAF
AFCIN-4E2

1 Atch:
Cy In Msg 1 Oct 60, fm Hq USAF
