

PROJECT 10073 RECORD CARD

1. DATE 11 - 12 Mar 54		2. LOCATION Pittsburg, Pa		12. CONCLUSIONS ☐ Was Balloon ☐ Probably Balloon ☐ Possibly Balloon ☐ Was Aircraft ☐ Probably Aircraft ☐ Possibly Aircraft ☐ Was Astronomical ☐ Probably Astronomical ☐ Possibly Astronomical ☒ Other (Gnd Ref) ☐ Insufficient Data for Evaluation ☐ Unknown	
3. DATE-TIME GROUP Local 2330 GMT 140330Z		4. TYPE OF OBSERVATION ☐ Ground-Visual ☒ Ground-Radar ☐ Air-Visual ☐ Air-Intercept Radar			
5. PHOTOS ☐ Yes ☒ No		6. SOURCE military (AAA)			
7. LENGTH OF OBSERVATION varied		8. NUMBER OF OBJECTS 1		9. COURSE STAT.	
10. BRIEF SUMMARY OF SIGHTING M 33 Radar pick-up of UFOB by AAA unites in the Pittsburg Area.				11. COMMENTS Refere to case file. ATIC EVAL: Ground reflection. See <u>STATEMENT</u> <u>BATTERY D</u> <u>701ST AAA</u>	

(CLASSIFICATION)

COUNTRY USA	REPORT NO. IR-40-54g	(LEAVE BLANK) UNCLASSIFIED
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AIR INTELLIGENCE INFORMATION REPORT

SUBJECT UFOB		
AREA REPORTED ON Pittsburgh, Pa	FROM (Agency) Hq EADP, Stewart AFB, Newburgh, NY	
DATE OF REPORT 12 April 1954	DATE OF INFORMATION 11 - 12 March 1954	EVALUATION B-1
PREPARED BY (Officer) Lt. Charles E. Moyers	SOURCE Hq EAAC, Stewart AFB, Newburgh, NY	
REFERENCES (Control number, direction, previous report, etc., as applicable) AFR 200-2 and 2A, ADCR 200-2, 200-5		

SUMMARY: (Enter concise summary of report. Give significance in final one-sentence paragraph. List inclosures at lower left. Begin text of report on AF Form 112—Part II.)

On the 11-12 of March 1954, Anti-Aircraft units under the 74th AA Battalion in the vicinity of Pittsburgh, Pa., reported unusual return on their instruments. Reports of the incident were made and forwarded thru channels. Due to volume and complexity of these reports, no attempt to analyze or summarize has been made at this headquarters.

Basic letter and inclosures were forwarded to Headquarters 30th Air Division (Defense) recommending that a study of the report be made by a qualified experienced Electronics Officer

"APPROVED:"

Byron S. Worthen

BYRON S. WORTHEN
Capt., USAF
Ch, Documents & Dissemination
Division

Carmon Marano
2d LT

AFR 205-1(c)(1)
13 May 68

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

UNCLASSIFIED

3 INCL

B/L fr 18th AAA Group w/

- 1 UFOB Report, 74th AAA Battalion
- 2 UFOB Report, 509th AAA Battalion
- 3 UFOB Report, 701st AAA Battalion

DISTRIBUTION BY ORIGINATOR

3 sys to ADC

NOTE: THIS DOCUMENT CONTAINS INFORMATION AFFECTING THE NATIONAL DEFENSE OF THE UNITED STATES WITHIN THE MEANING OF THE ESPIONAGE ACT, 50 U. S. C. — 31 AND 32, AS AMENDED. ITS TRANSMISSION OR THE REVELATION OF ITS CONTENTS IN ANY MANNER TO AN UNAUTHORIZED PERSON IS PROHIBITED BY LAW. IT MAY NOT BE REPRODUCED IN WHOLE OR IN PART, BY OTHER THAN UNITED STATES AIR FORCE AGENCIES, EXCEPT BY THE DIRECTOR OF INTELLIGENCE, USAF.

(CLASSIFICATION)

680 ★ U. S. GOVERNMENT PRINTING OFFICE : 1955-O-916331

Incl 2 E-14415

HEADQUARTERS 18TH AAA GROUP
SOUTH PARK MILITARY RESERVATION
Broughton, Pennsylvania

380

20 March 1954

SUBJECT: Transmittal of UFOB Reports RCS EAAC 57

TO: Commanding General
EASTARAACOM
Stewart Air Force Base
Newburgh, New York

Transmitted herewith are reports submitted by units of this command relative to the UFOB reported to your headquarters by TML on 12 March.

As of this date the radars of this command can still receive an echo from the area originally reported at an altitude of 10,000 to 20,000 feet. This echo definitely has an effect on the clutter diagram of the radar sets of this command and, whatever it is, it could conceivably be employed as a deception device or counter measure.

We have further information concerning the source of this echo has been furnished this headquarters by the responsible investigative agency, although, Headquarters, 30 ADIV, released this command from the mission of tracking this electronic phenomenon at 121530Z March.

It is recommended that appropriate Air Force agencies be requested not to drop the investigation of this phenomenon until a satisfactory explanation is determined. The fact that ten of the twelve M33 radars of this command reported essentially the same phenomenon makes this a matter not to be treated lightly. The UFOB was located in the clutter of the eleventh M33 and the twelfth M33 was inoperative.

Incl:

1. UFOB Report, 74th AAA Battalion
2. UFOB Report, 509th AAA Battalion
3. UFOB Report, 701st AAA Battalion

Raymond W. Rumph
RAYMOND W. RUMPH
Colonel Arty
Commanding

HEADQUARTERS 74TH AAA BATTALION
 South Park Military Reservation
 Broughton, Pennsylvania

SUBJECT: UFOB

12 March 1954

THRU: Channels

TO: Headquarters
 Eastern Army Antiaircraft Command
 Stewart Air Force Base
 Newburgh, New York
 Attn: Col S. G2

Forwarded herewith are unidentified flying object reports of
 units of this command covering activity on 11-12 March 1953.

FOR THE COMMANDING OFFICER:

4 Incls

1 UFOB Report Battery "A"
 1 UFOB Report Battery "B"
 1 UFOB Report Battery "C"
 1 UFOB Report Battery "D"

Edward L. Gause
 EDWARD L. GAUSE
 WOJG USA
 Asst Adjutant

Encl 1

BATTERY A
74th AAA BATTALION
South Park Military Reservation
Broughton, Pennsylvania

12 March 1954

SUBJECT: UFOB

TO: Commanding Officer
74th AAA Battalion
South Park Military Reservation
Broughton, Pennsylvania

1. The unidentified object was sighted at 112330 hours. The UFOB was picked up on the H33 RCS. The UFOB was noticed on the PPI scope and then locked on by the track radar.

2. The UFOB was observed to be at an AZ of 3530, slant range 7020 and altitude of 5000 yards.

3. The location of observing radar was GJKL5631 and the UFOB was at GJKL5427.

4. The UFOB was observed to be stationary.

5. Weather condition was windy and cloudy.

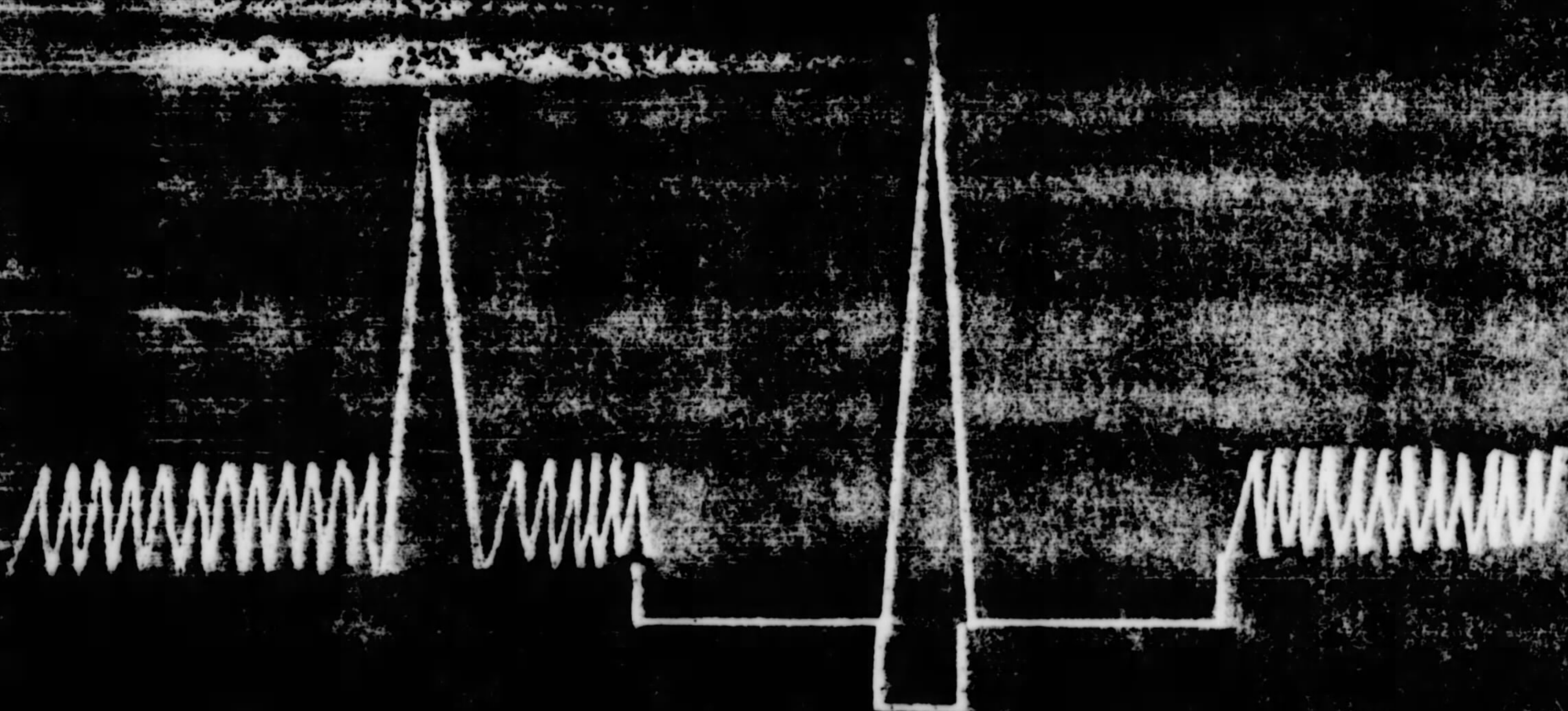
6. Fighter aircraft were tracked through the same location as the UFOB but did not effect the appearance or position in any way.

Stephen R Harrick

STEPHEN R HARRICK
2d Lt Arty
Range Officer

• "A" Scope •

12811



BATTERY B, 74TH AAA BATTALION
SOUTH PARK MILITARY RESERVATION
Broughton, Pennsylvania

12 March 1954

SUBJECT: UFOB

THRU: Channels

Eastern Army Antiaircraft Command
Stewart Air Force Base
Hamburgh, New York
Attn: A Co S, GZ

1. No visual sight was established.
2. Sighted target echo and locked on target with track radar 0426x
12 March 1954. Remained on target until released by AAOE at 1320x
12 March 1954.
3. Tracked target with FCS-M-33 track radar.
4. Location of radar equipment GJKL5935.
5. Target presentation on A scopes was observed by following persons:

2nd Lt Thomas H Jones	Battery Commander	8 Months experience
Cpl Maxwell Page	Radar Chief	12 Months experience
Pfc Raymond Flynn	Radar Operator	10 Months experience
6. Weather data from met message is as follows:

Wind azimuth	4900 mls
Wind speed	40 miles Per Hour
Air density	99.0
Air temperature	40°
7. No unusual conditions existed to account for the sighting.
8. Sketch of A scope presentation during period of "on target" is only physical evidence of sighting.
9. Only identification action was correlation of plot information with other units.

SUBJECT: UFOB, Btry B 74th AAA Bn, dated 12 Mar 54, Cont'd

10. Interceptor aircraft were flying in the general vicinity and could be observed visually and on PPI scope.

Thomas H Jones
THOMAS H JONES
2ND LT ARMY
Commanding

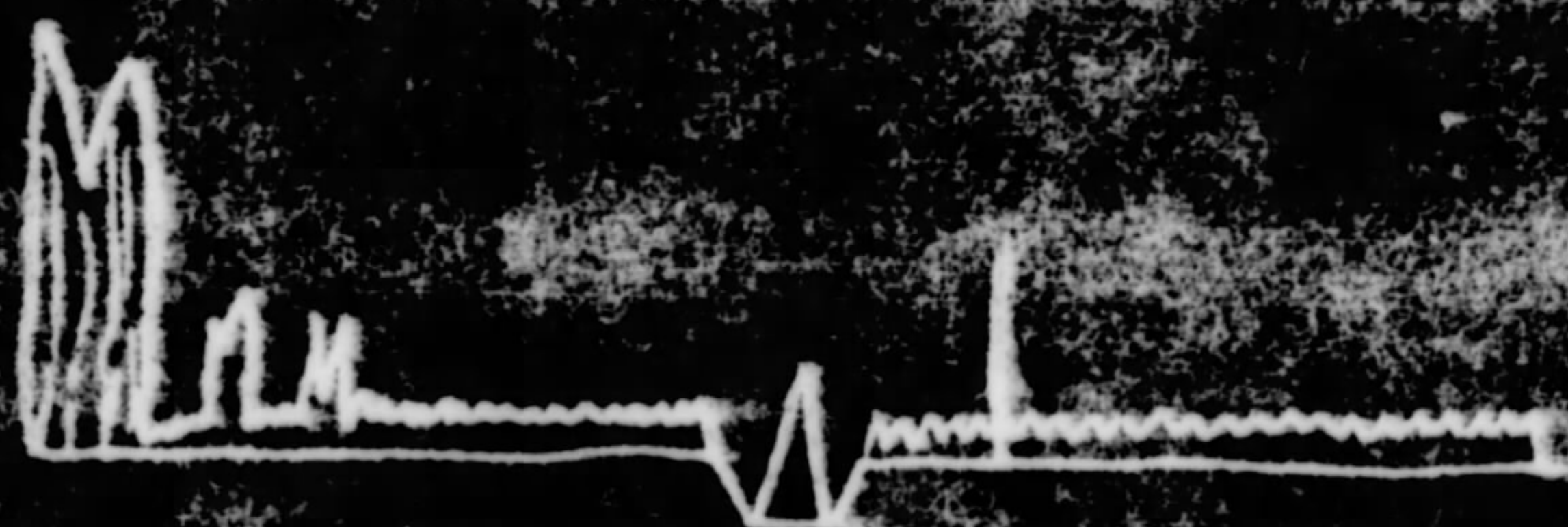
Enclosure

Sketch of a scope presentation

BATTERY B, 74TH AAA BATTALION
SOUTH PARK MILITARY RESERVATION
Broughton, Pennsylvania

12 March 1954

A Scope Presentation Sketch



KL - 326
R 10,238
AZ 3947

BATTERY C 74th AAA BATTALION
 South Park Military Reservation
 Broughton, Pennsylvania

12 March 1954

SUBJECT: UFOB

TO: Commanding Officer
 74th AAA Battalion
 South Park Military Reservation
 Broughton, Pennsylvania
 ATTN: S-3

1. Time of sighting the unidentified object was 1212 H time.
2. Manner of observation was electronic.
3. Sighting was by M 33 radar.
4. The following named persons witnessed the electronic scopes in this unit's radar van and witnessed a large pig on the A scopes when the radar was on, the data shown on the attached sketches. This pig appeared to be stationary.

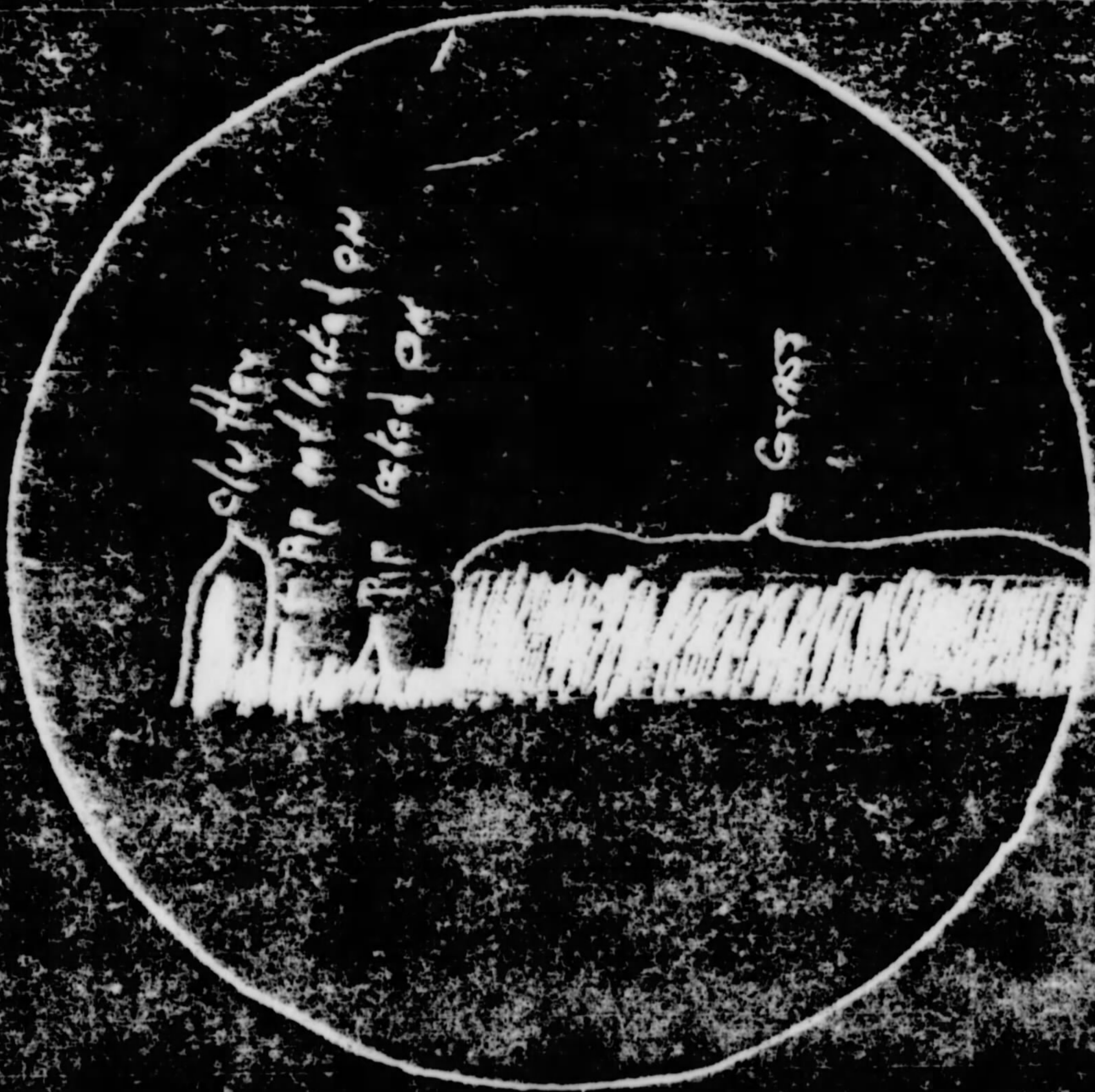
2d Lt James F Bodine
 2d Lt Mariano Greco
 Cpl Charles Stringfield
 Pfc Claude Ogle
 Pvt William Backs
5. The conditions of the weather and winds aloft are unknown.
6. The activity and/or condition, none. Meteorological, unknown.
7. Existence of any physical evidence such as fragments, photographs, and the like, none.
8. Interception or identification action taken, reported to AAOC.
9. Location of any aircraft air traffic in the general area at the time of sighting, none.

Mariano Greco
 MARIANO GRECO
 2d Lt Arty
 Battery Officer

SIXTH

SEASIDE

12 March 1954



Data When Picked Up

Elevation: 412 ft
 Azimuth: 447°
 Sighting Range: 10,000 yds
 Altitude: 14,000 yds

The above drawing was made with the aid of dividers and is an exact copy as possible. Pip did not move from time we picked up at 1212 R 12 March 54 until we went on secure at 0530 R 12 March 1954.

BATTERY D, 74th AAA BATTALION
 South Park Military Reservation
 Broughton, Pennsylvania

(BAAC-57)

12 March 1954

SUBJECT: Unidentified Flying Objects Report (UFOB)

THRU: Channels

TO: Commanding Officer
 74th AAA Battalion
 South Park Military Reservation
 Broughton, Pennsylvania
 ATTN: ACoS, G2

In compliance with Circular Number 6, Headquarters Eastern Army Antiaircraft Command, pertaining to subject listed above, the following report is submitted:

1. The object Peter I (PI) appeared as a medium strong pip on the PPI and Precision Indicator. There was no presentation of the "A" scopes at the tracking console and visual observers were unable to see the object.

2. The object (PI) was sighted by this unit at 0446Z 12 March and can still be observed on the PPI and precision indicator.

3. The object (PI) was observed from the surface and by electronic means. The object was observed with the acquisition system of the FCS M3.

4. The object (PI) was observed from this sight (II) whose GEORGE coordinates are GJL 0830.

5. The object was observed by the manning board range personnel and all three officers of this unit. All are familiar with acquisition presentation.

6. Weather conditions were fair and cool with winds from the North and North West aloft.

7. There was no condition or activity meteorological or otherwise to account for the sighting.

8. There is no existing physical evidence of the object (PI).

Unidentified Flying Objects Report (UFOB) (CONTINUED)

9. No interception or identification action was taken by this unit with the exception of reporting on target and giving the location in relation to this unit.

10. No air traffic was noted in the general area at the time of sighting.

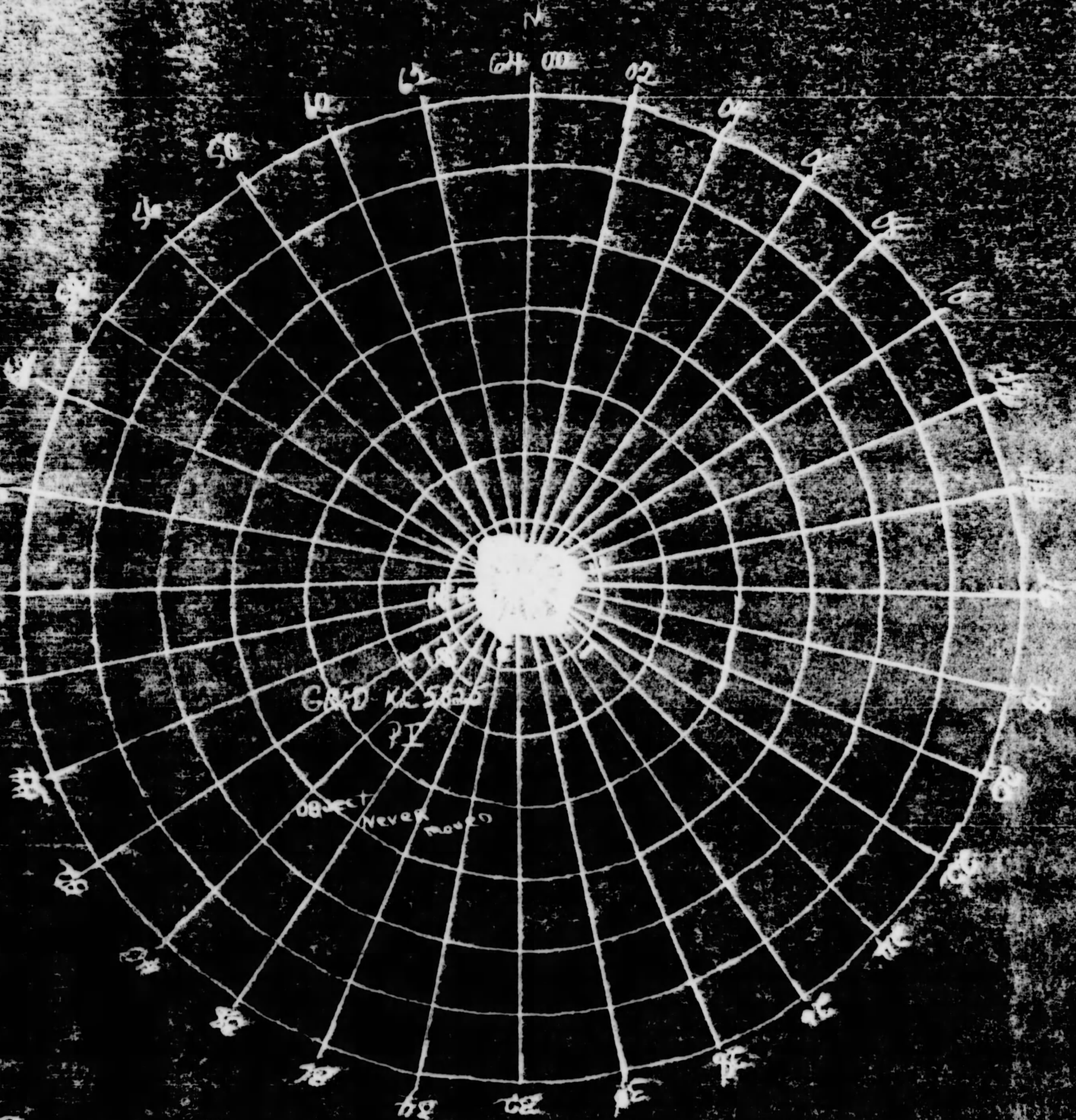
Frank E. Pinckard Jr.

FRANK E. PINCKARD JR.
1st Lt. Arty
Executive Officer

D-BRAY

2811

UNCLASSIFIED



RED-2 LOW EK

BLUE-10 MED EK

GREEN-20 HIGH EK

18 March 1954

**SUBJECT: Visual and Radar Sighting of an Unidentified Flying Object
(UFO)**

to be true. The object remained in the immediate area in which it was sighted, it appeared to be slightly oscillating. It appeared to be approximately the size of a pin head. The edges of the object were ill-defined. There was no trail or exhaust. The object was white and would gradually become bright and dim.

1. At 0620Z hours a haze moved in the area and visual contact was lost. Visual contact could not be established again. Visual contact was accomplished by the unaided eye and M171A binoculars. Cpl Ford claimed that he sighted the object through the optics of the M-33, but no one else could verify this. Visual contact was maintained by one or more of the following:

1st Lt Donald E. Cashman
Cpl Louis S. Ford
PFC Joseph J. Swift
PFC Edgar Hollingworth
PFC Augustus Klinkner
PFC Raymond E. Bates
PFC Edwin E. Hatcher

1. I-41
Presentation on
SA 300 per

Donald E. Cashman
DONALD E. CASHMAN
1st Lt Arty
Range Officer

ABLE 5094

SIC - 80

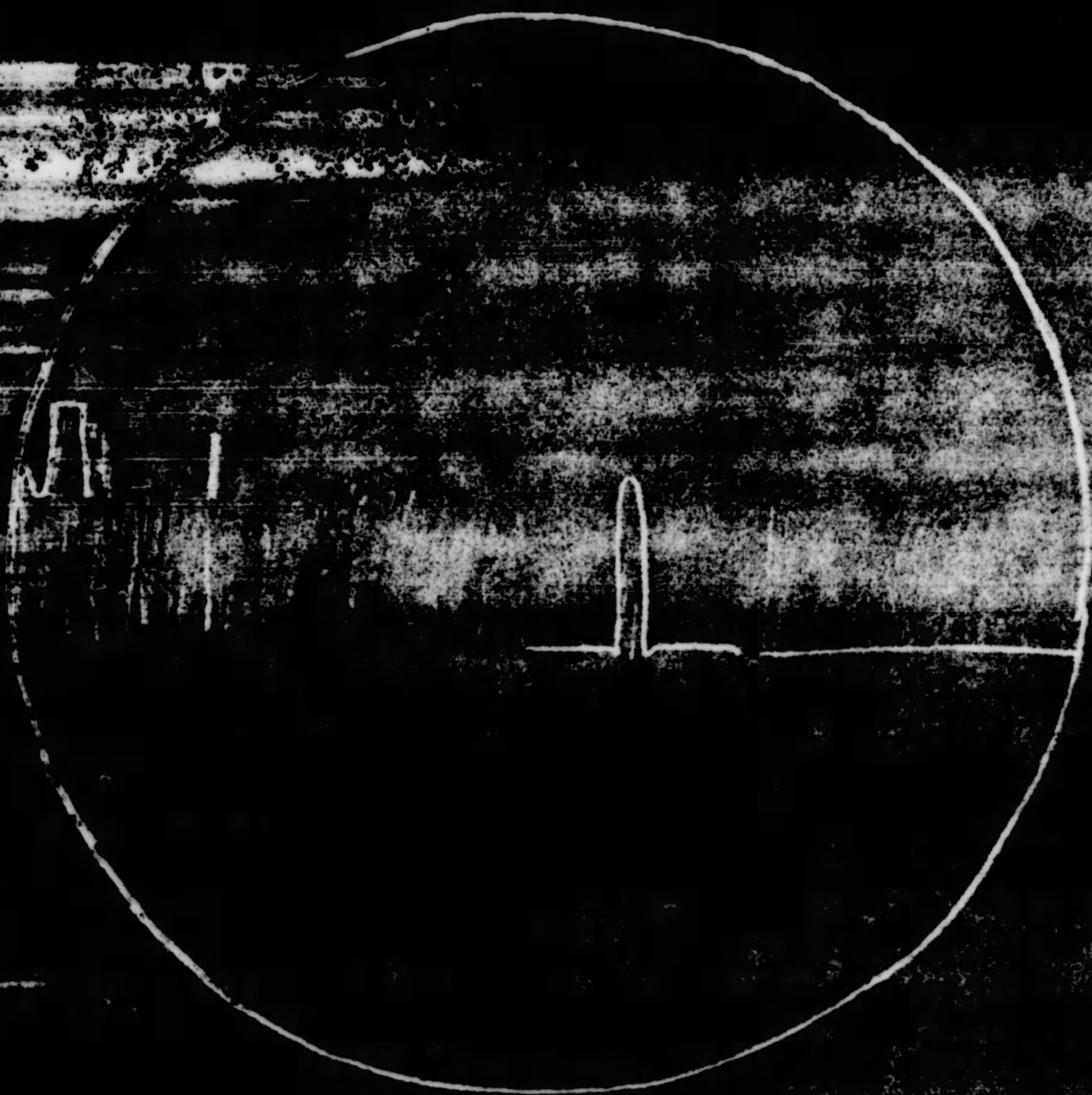
LOCATION KL5624

$D_0 = 804.0 \text{ yd}$

$A_z = 2330 \text{ yd}$

$E = 823 \text{ yd}$

ALT = 16000 FT



INCL #1 PRESENTATION ON A SCOPE

BATTERY A
509TH AAA BATTALION (GUN) (9000)
SOUTH PARK MILITARY RESERVATION
Broughton, Pennsylvania

18 March 1954

SUBJECT: Visual and Radar Sighting of an Unidentified Flying Object (UFO)

TO: Commanding Officer
509th AAA Battalion (Gun) (9000)
South Park Military Reservation
Broughton, Pennsylvania
ATTN: 8-2

In compliance with EASTERNCOM Circular No. 6, dated 23 February 1954, the following report is hereby submitted:

a. At 0330Z hours 12 March 1954, the AAOC ordered us to acquire an unidentified object. We did so immediately. During the complete period of observation the object neither changed position in azimuth, altitude, range or elevation.

b. The object appeared on the "A" scopes of the track radar as one sharp return. The object appeared on the P.P.I. as a well defined return.

c. The object was sighted from Site #50. Azimuth to the object was 2350 mils, slant range 8040 yards, elevation 823 mils, altitude 16,000 feet, and located at KL 5624.

d. During the time of observation the weather was fairly clear and winds were approximately 40 miles per hour, coming from an azimuth of 4900 mils.

e. During the time of observation there were no meteorological or other conditions which might account for the target.

f. For drawing of pip return see inclosure one (1).

g. At the time of sighting and during the entire period of observation (0300Z hours to 1120Z hours 12 March 1954) there were no aircraft in the area except those dispatched by the ADCC.

h. At 0545Z hours 12 March 1954, Cpl. Ford reported that he had visually sighted an unusual object in the approximate location of the object we were tracking. I checked his report and found it

BATTERY B 509TH AAA BATTALION (GUN) (90MM)
SOUTH PARK MILITARY RESERVATION
Broughton, Pennsylvania

12 March 1954

SUBJECT: Unidentified Flying Object Report (UFOB)

TO: Commanding Officer
509th AAA Battalion (Gun) (90mm)
South Park Military Reservation
Broughton, Pennsylvania
ATTN: S-2

On 11 March 1954, while attempting to pick up targets during exercise battle stations we locked on an object at first believed to be a stationary ground target. During the complete period of observation the object neither changed position in altitude, azimuth, range or elevation. The size and shape of the object was undetermined.

The object was first sighted approximately 2230 hrs 11 March 1954, and observed until Site # 70 was relieved approximately 1300 hrs 12 March 1954.

The object appeared on the "A" scopes of the track radar as one sharp return. The item could not be observed on the PPI scope due to the acquisition radar being out of action. Spotters were put out but no visual contact of the target was available.

The object was sighted from Site # 70. Azimuth of the object 2563 mils, elevation 770 mils, range 9595 yds, altitude approximately 19,000 ft, and located at KL 5624.

The object was observed by Major Marus, Executive Officer of the Battalion, Cpl Edward Yelenac, Range Platoon Sgt of Btry B 509th AAA Bn (Gun) (90mm) and the other members of the radar crew then on duty.

During the time of observation the weather was fairly clear and winds were approximately 40 miles per hour in velocity coming in from an azimuth of 4900 mils.

During the time of observation there were no meteorological or other conditions which might account for the radar target.

For drawing of pip return and scale drawing of minimum, maximum elevation and range returns see exhibit one and two attached.

Aircraft were dispatched from Greater Pittsburgh Airport, but information in regards to their findings were not made available to this unit.

12 March 1954

SUBJECT: Unidentified Flying Object Report (UFOB)

During the time of the sighting and during the complete period of observation there were no aircraft in the area other than the aircraft dispatched by the Air Force Reserve from Greater Pittsburg Airport.

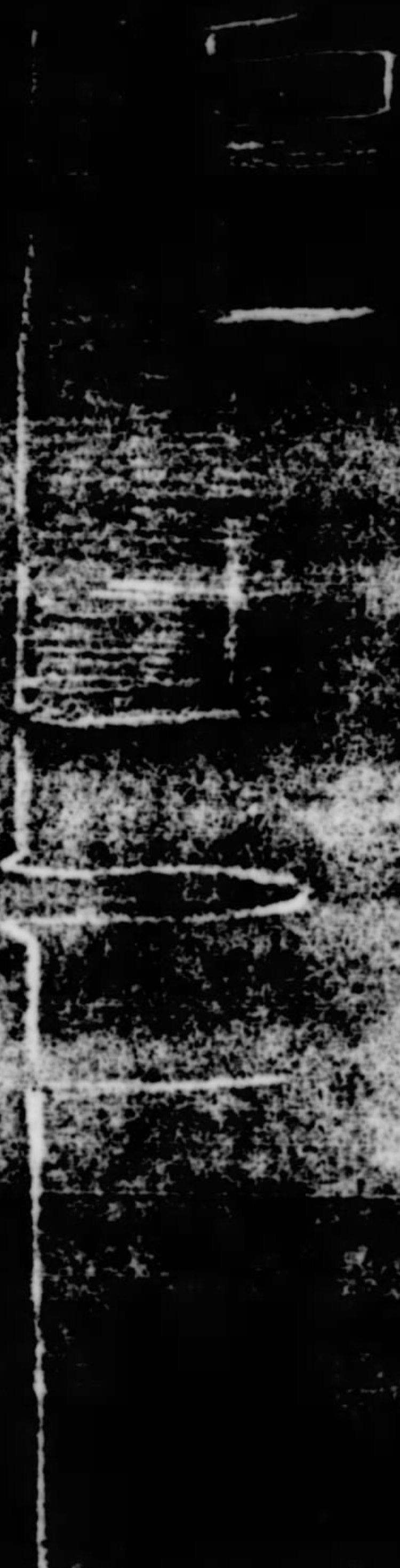
2 Incl
Exhibit one
Exhibit two


ROBERT C LEE
1st Lt Arty
Commanding

K+050974

10-70

1000



Site 70

Time 2250 R to 0415 R.

Location KL 5624

Rn 9595

Hl. 19000

El. 770

9545yd

9545yd

9545yd

Elevation



Minimum
of Target
Return

Distance of

Width = 300 ft

Height = 600 ft

Distance of

Minimum
of

Maximum
of Target
Return

Maximum
of Target
Return

Maximum
of Target
Return

Site 7C

11 + 12

KL 5624
9545yd

BATTERY C
509TH ANTIAIRCRAFT ARTILLERY BATTALION (GUN)
SOUTH PARK MILITARY RESERVATION
Broughton, Pennsylvania

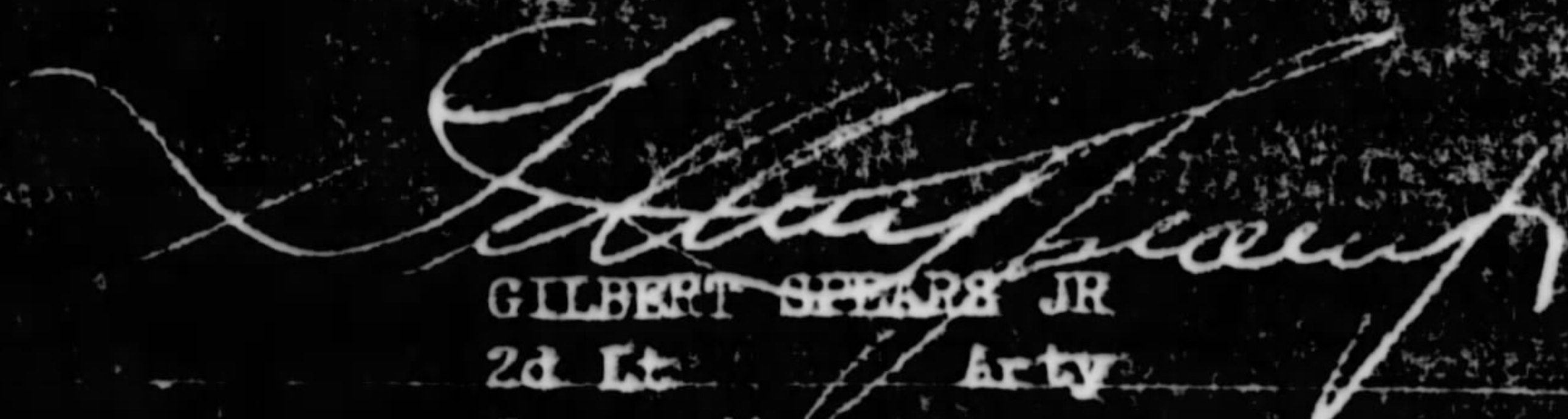
18 March 1954

SUBJECT: Unidentified Flying Objects Report (UFOB)

TO: Commanding Officer
509th AAA Bn (Gun)
South Park Mil Res
Broughton, Pa.
ATTN: Maj. Harus

1. In compliance with EAAC Circular No. 6, dated 23 February 1954, the following report is herewith submitted.

- a. First one object appeared on "A" Scope and then two objects appeared on "2" Scope. Size unknown.
- b. Object picked up 120436 Z to 120445 Z.
Object again picked up 120741 Z - split into two pips at 120755 Z.
Object lost 120807 Z.
Object again picked up 120827 Z (two pips) - Object lost at 120903 Z.
- c. Electronic observation; altitude 16,000 - 20,000 feet. No velocity. M33 FCS used to pick up target.
- d. KL5423 (Site location) - target picked up 4535 yards, azimuth 2554 mils, and altitude of approximately 16,000 feet.
- e. No eye witnesses - electronic pick up.
- f. Clear, 40 MPH winds, 4900 mils azimuth.
- g. Negative
- h. Negative
- i. Negative
- j. None


GILBERT SPEARS JR
2d Lt Arty
Commanding

I Incl
Narrative Statement (Lt. Brichacek)

BATTERY C
509TH ANTIAIRCRAFT ARTILLERY BATTALION (GUN)
SOUTH PARK MILITARY RESERVATION
Broughton, Pennsylvania

18 March 1954

NARRATIVE STATEMENT

We are unable to submit a drawing of the PPI Scope, as the target appeared in the middle of our clutter. The coordinates came from the position of the horizontal plotting pens. We are unable to submit an overlay of the plotting board because the pens failed to plot due to the fact that they were stopped up. We were unable at the time to make them work.

Harry A. Brichack
HARRY A. BRICHACK
2d Lt. Arty
Range Officer

First Pip Observed at 120436Z

C 509

P1 sighted at

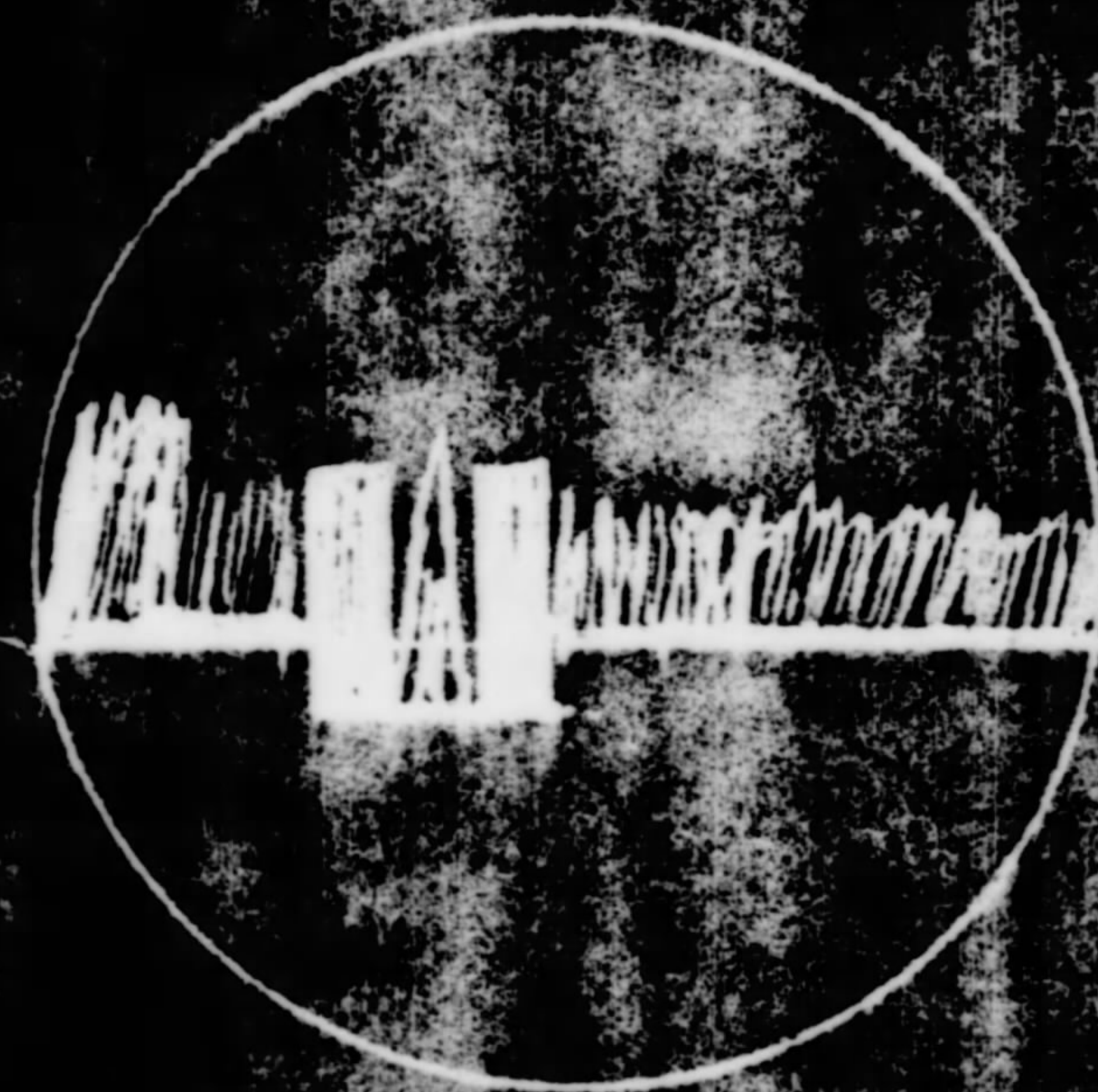
KL 5124

Az 2554 α

El 671 α

Range 4535 yds

Alt 16,000 ft

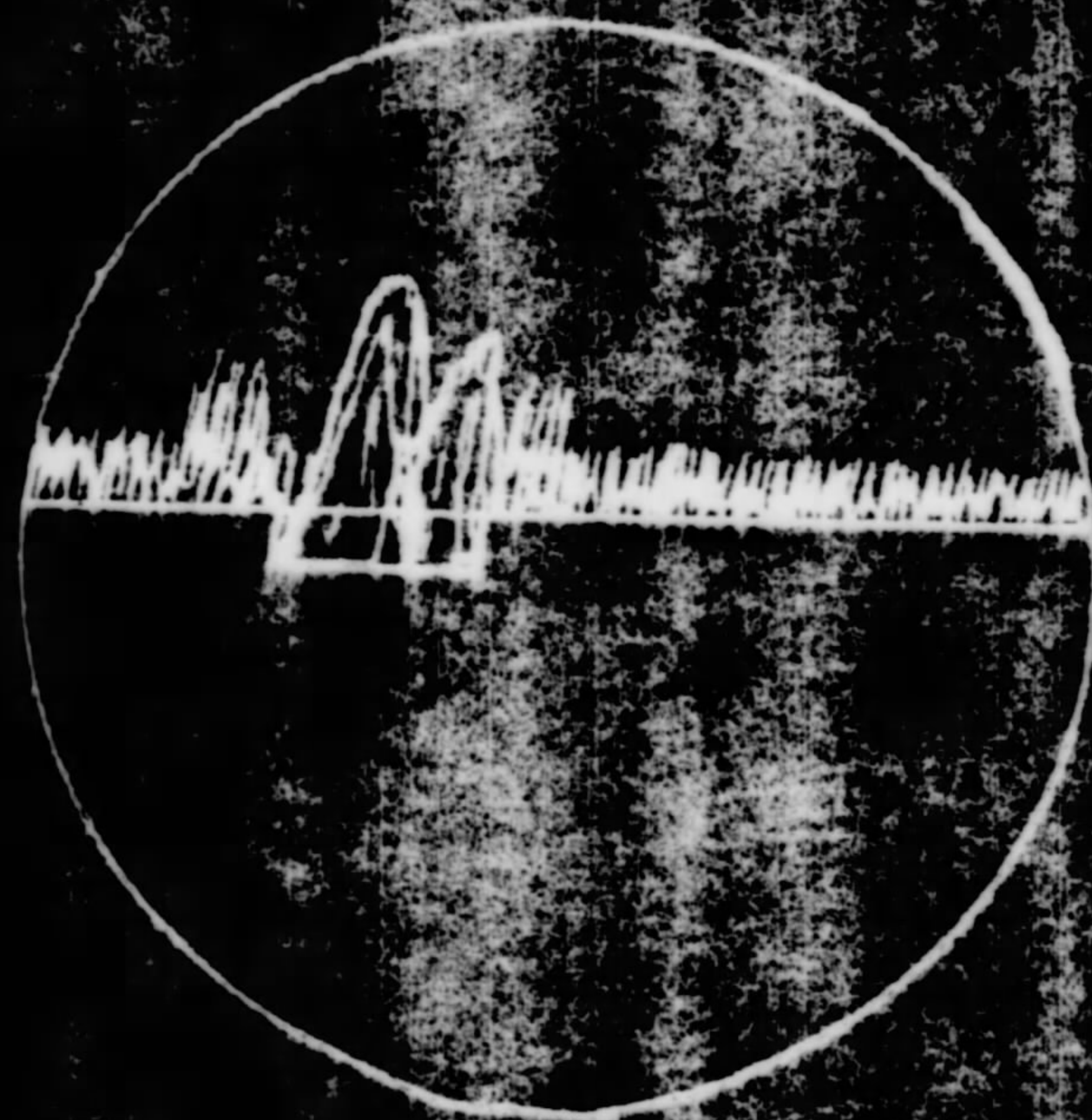


A Scope

Appeared the same on all 3 "A" Scopes

Site 61

Split Pips Observed At 120155Z



"A" Scope

Pips Appeared the same in all 3 "A" Scopes

Site 61'

Sept. 17.

KL 5124

AZ. 2402 gr

El. 650 m

Range 3209 m

Alt. 20,000 ft.

D BATTERY
509th AAA BATTALION (Gun) (90mm)
South Park Military Reservation
Broughton, Pa.

18 March 1954

SUBJECT: Unidentified Flying Objects Report (UFOB)

TO: Commanding Officer
509th AAA Bn. (Gun) (90mm)
South Park Military Reservation
Broughton, Pennsylvania
ATTN: Major Marus

1. The following information is in regards to an unidentified object picked up 11 March 1954.

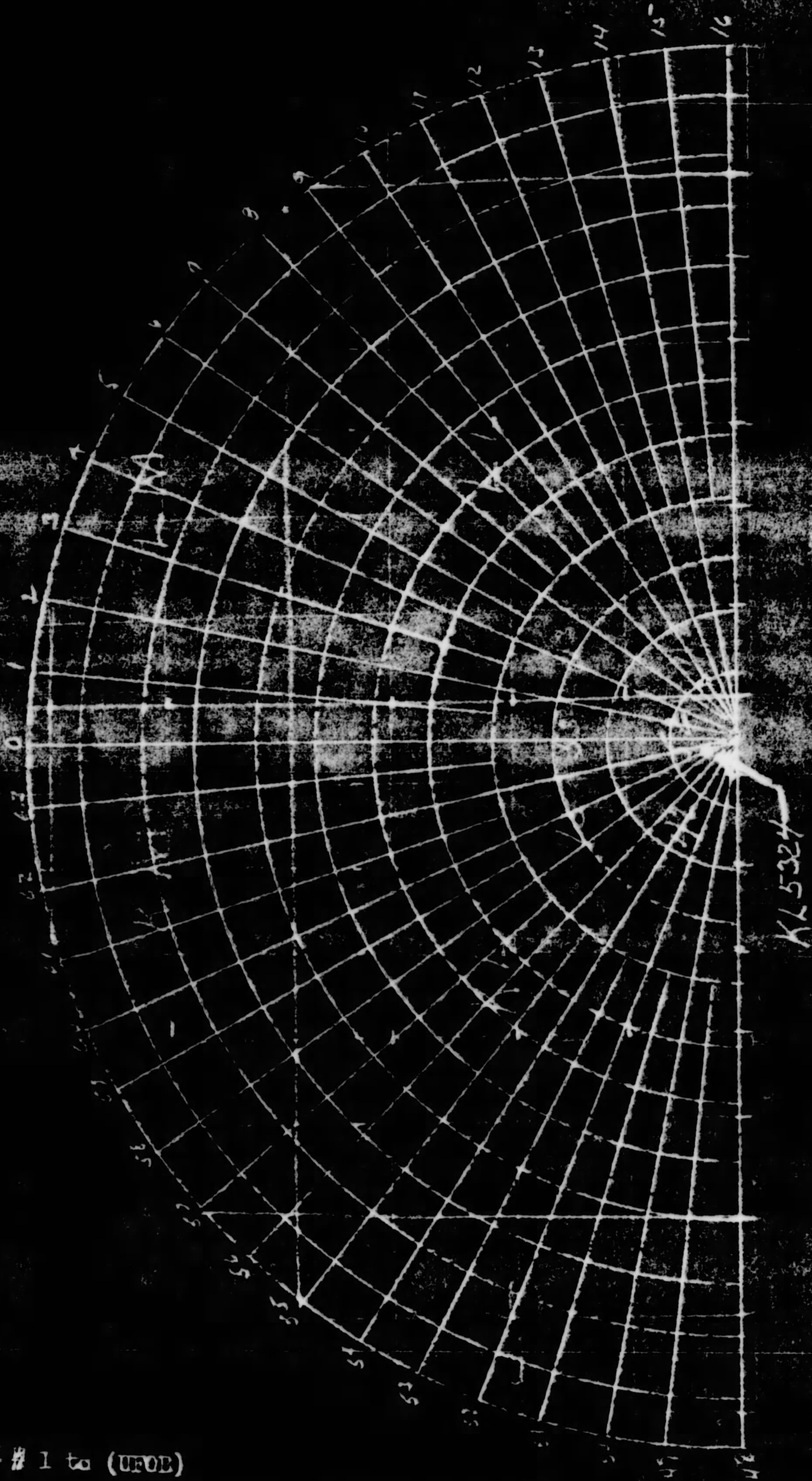
- a. The object appeared on the track "A" scopes as a pin. The object was stationary, having no appreciable speed and emitted no sound.
- b. The time of sighting was 120445 Zebra. We observed a target intermittently due to mechanical trouble, until relieved by site 80 at 120903 Zebra.
- c. Manner of observation was electronic. An AARCS M31 was used to find target.
- d. The location of observation was site 60, grid coordinates KL5521. The target was at an azimuth of 6000 M, elevation 897 M and slant range of 7121 yards. Altitude was approximately 16500 ft.
- e. No one visually observed the target, except as presented on the tracking indicators.
- f. The weather was clear, with an overcast sky. The wind was 40 MPR at an azimuth of 4900 mils.
- g. No knowledge of activities which might account for the sighting.
- h. No physical evidence of the sighting.
- i. No interception or action to identify target possible.
- j. No aircraft in the vicinity at the time of our spotting.

2. The automatic frequency control would not operate continually due to a cathode resistor (R-26) of the local oscillator changing value. Therefore we could not lock on frequency and could not stay locked on target. Our track video was intermittent during the time we were attempting to lock on the stationary object. Because the trouble was so intermittent, it hampered the mechanic in isolating the difficulty. There would be track video for a time, and then it would fade out.

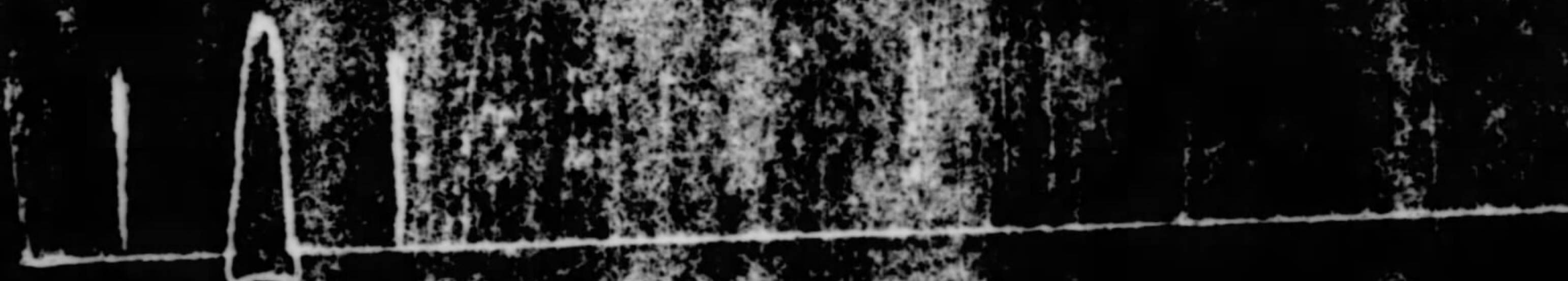
INCL:

1. Overlay of FFI Scope
2. Overlay of track indicator

Walter L. Postage
WALTER L. POSTAGE
2nd Lt. Arty.
Commanding



2811



SITE	60
TIME	120445Z TO 120903Z
LOCATION	KL 5521
RJ	7121 YDS
ALT	16,500 FT
EL	897 W

INCL #2 TO (UFOB)

HEADQUARTERS
701ST AAA BATTALION
SOUTH PARK MILITARY RESERVATION
Broughton, Pennsylvania

19 March 1954

SUBJECT: Unidentified Flying Objects Report

TO: Commanding Officer
18th AAA Group
South Park Military Reservation
Broughton, Pennsylvania
ATTN: S-2

In compliance with Part 5 Circular Number 6 Headquarters KAAC,
Stewart Air Force Base, Newburgh, New York, dated 23 February 1954,
the attached reports are submitted.

4. Inc 1a
1-UFOW Rpt., Btry A
2-UFOW Rpt., Btry B
3-UFOW Rpt., Btry C
4-UFOW Rpt., Btry D

PAULINE A. FERRILL
Lt. Col., Arty
Commanding

BATTERY A 701st AAA BATTALION
SOUTH PARK MILITARY RESERVATION
Broughton, Pennsylvania

18 March 1954

SUBJECT: Unidentified Flying Objects

TO: Commanding Officer
Hq 701st AAA Bn
South Park Mil Res
Broughton, Pa.
ATTN: Radar Officer

In compliance with Circular Number 6, Headquarters Eastern Army Antiaircraft Command, dated 23 February 1954, the following report is submitted:

1. The object appeared as a group of three (3) stationary target pips on the present position indicator. On the A scope it appeared as two (2) regular pips of the same amplitude and one (1) barely visible pip. All observations made by this unit were made through the use of the Fire Control System M-33C.

2. The object was first observed at 0145 Roger time and observed for a total of 6 hours and 45 minutes.

3. All observations were made by electronic devices which are normally employed in the M-33-C FCS to engage targets.

4. This unit is located at approximately longitude $79^{\circ} 45' W.$ latitude $40^{\circ} 30' E.$ The echo appeared to be 14,150 yards away at a grid azimuth of 4149 mils and at an altitude of from 12,600 to 14,000 feet. The angle of observation varied from 300 mils to 370 mils with the strongest target echo at 325 to 328 mils.

5. The observation was made by the following personnel assigned to this unit:

2d Lt Carroll J. Smith-Range Officer, Qualified by on the job training for a period of 7 months, very reliable.

Cpl Seth T. Burkhardt-Computer Operator, qualified by on the job training for a period of 14 months, very reliable.

FPC Robert Rawcliffe-CRO, qualified by on the job training for a period of 10 months, very reliable.

SUBJECT: Unidentified Flying Objects

15 March 1954

Pvt. Arlo Bettman-Radar Range Operator, qualified by on the job training for a period of 2 months, very reliable.

Pvt. William Wandrych-Radar Elevation Operator, qualified by on the job training for a period of 3 months, very reliable.

Pvt. Warren Simmons-Radar Azimuth Operator, qualified by on the job training for a period of 13 months, very reliable.

6. At the time of the sighting the weather was clear with wind azimuth 5100 mils and wind velocity 29 MPH at 13,000 feet, at approximately 0300 roger time heavy cloud formations moved in and obscured the sky through out the remainder of the sighting.

7. No phenomena occurred which might account for this echo.

8. There was no physical evidence of the sighting.

9. The battery had no means to intercept or identify the object.

10. Target pips were repeatedly noted near the fixed echo. These aircraft passed close enough to the echo to have the radar "lock on" them on two occasions.

2 Incls

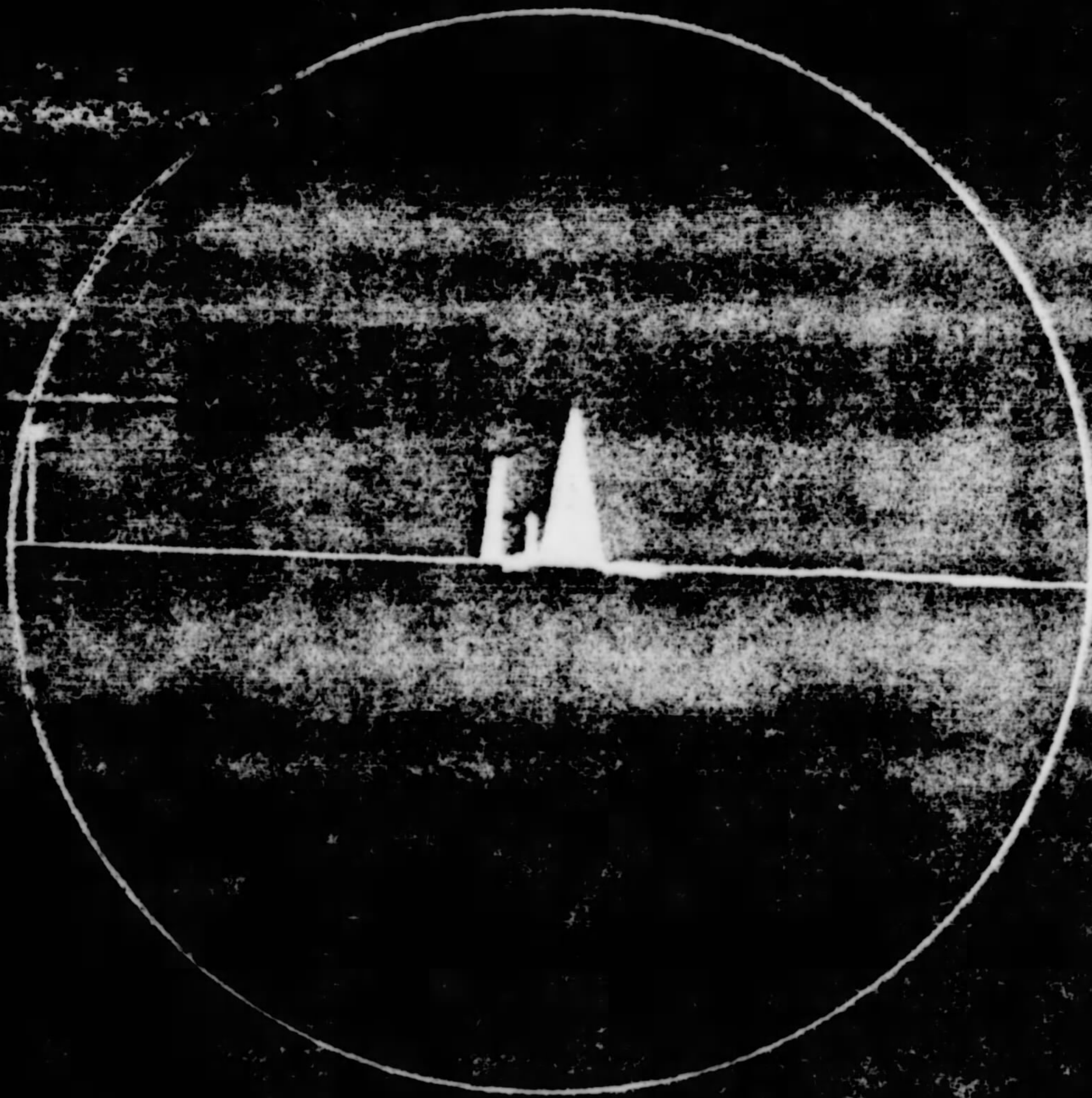
1-A Scope Presentation

2-Precision Indicator Presentation

Michael P. Dainty
MICHAEL P. DAINTY, JR.
1st Lt Arty
Commanding

A SCOPE PRESENTATION

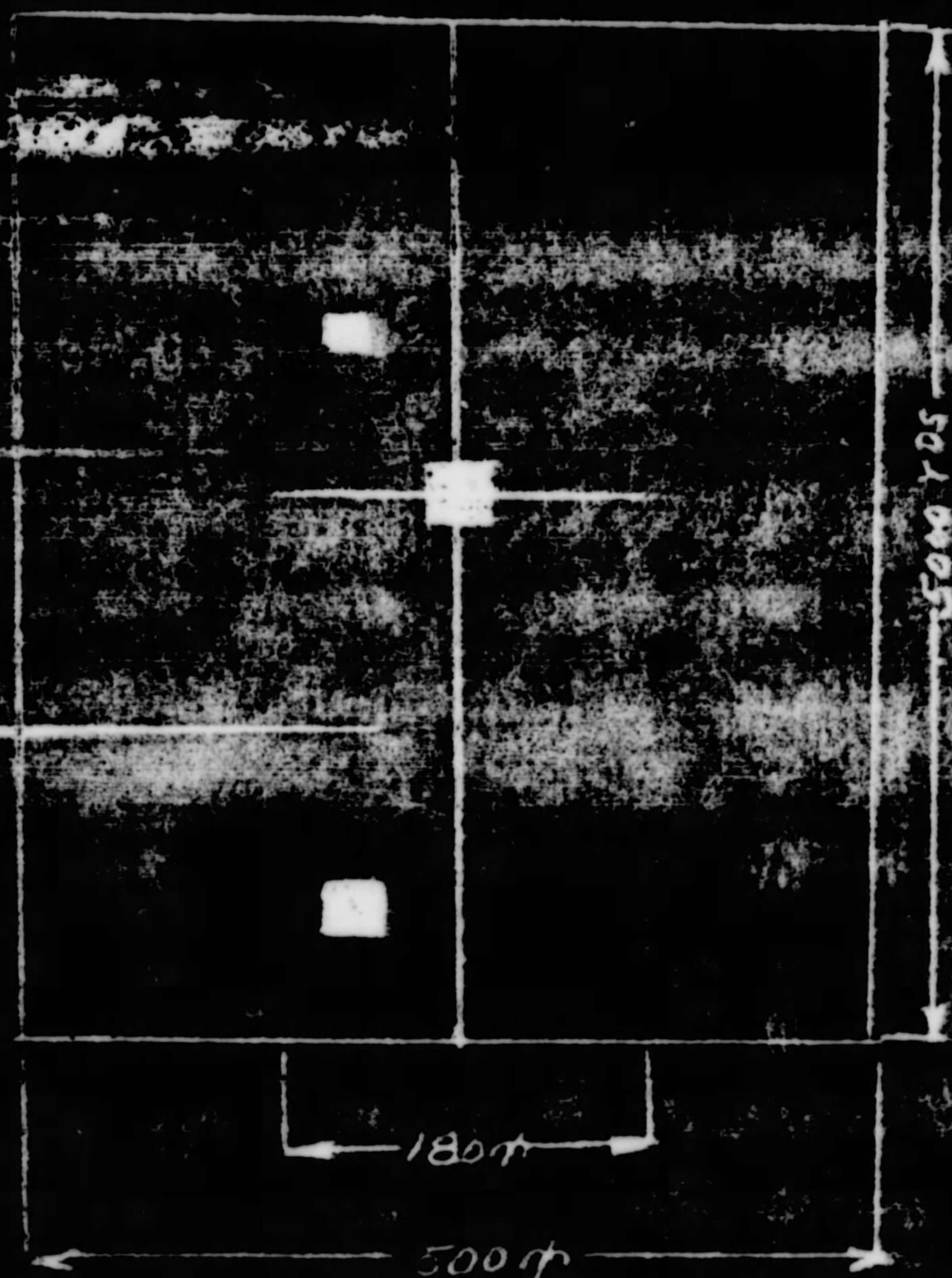
UFOB



ENCLOSURE 1

PRECISION INDICATOR PRESENTATION

UFOB



ENCLOSURE 2

BATTALION 701ST AAA BATTALION
SOUTH PARK MILITARY RESERVATION
Broughton, Pennsylvania

18 March 1954

SUBJECT: Unidentified Flying Objects Report

TO: Commanding Officer
701st AAA Battalion
South Park Military Reservation
Broughton, Pennsylvania
ATTN: Radar Officer

In compliance with message received by wire, Headquarters 10th AAA Group dated 12 Mar 54 and para 3B & 5 Circular 6, Headquarters AAAF dated 23 Feb 54, Subject: Unidentified Flying Objects Report, the following information is submitted:

a. Description as shown on A Scope of Truck Radar was a sharply defined Pip separated by 1.1 yards to the nearest cloud formation.

b. Time of sighting 0530 Z. Length of time observed 1936 Z, a period of five (5) hours.

c. Type of observation was Acquisition and Tracking radars of AAAFCS M-33C. No optical tracking was accomplished.

d. Location of observer was Site 32, GEORGE LL 0524. Location of objects GEORGE LL 0223 at an AZ. of 5442 M and slant range of 7042 yards and elevation angle of 715 mills. Altitude of 14,000 feet.

e. Identifying Information of Observer and Witnesses:

- (1) 2d Lt John W Curry - Range Officer
- (2) SGT Jesse T Drummond - Radar Mechanic; 2 years experience
- (3) SGT Laymon C Hoskins - Chief Radar Operator; 4 months experience

f. Weather and Wind Conditions: Cloudy, cool and appreciable winds noted.

g. Any activity or condition, meteorological or otherwise which might account for the sightings: None observed.

h. Existence of any physical evidence such as fragments, photographs and the like of the sightings: None.

i. Interception or identification action taken: Air Force sent up Interceptor Jets.

Location of air traffic in the general area at the time of sighting.
Air Force Aircraft covered general area.

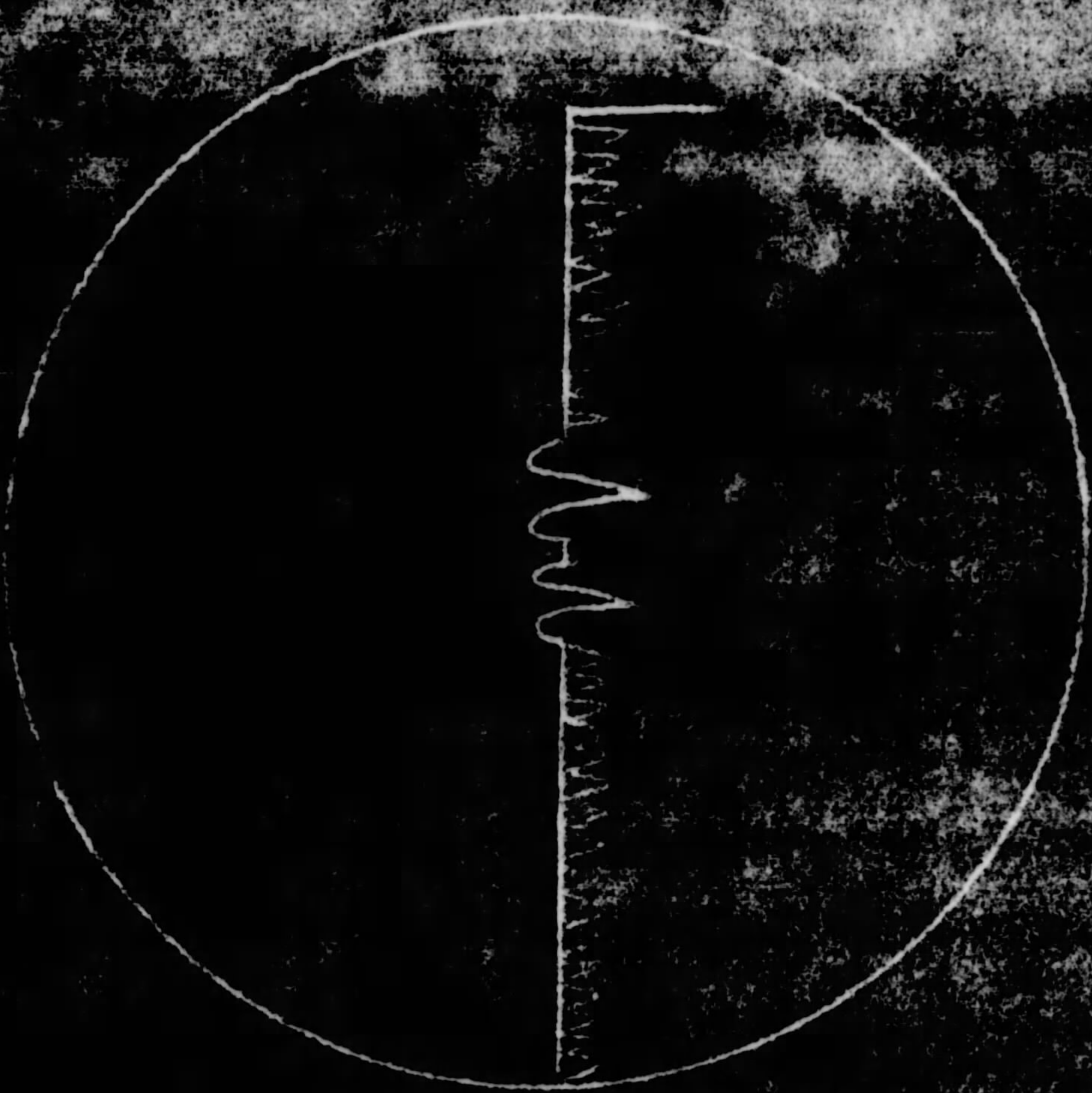
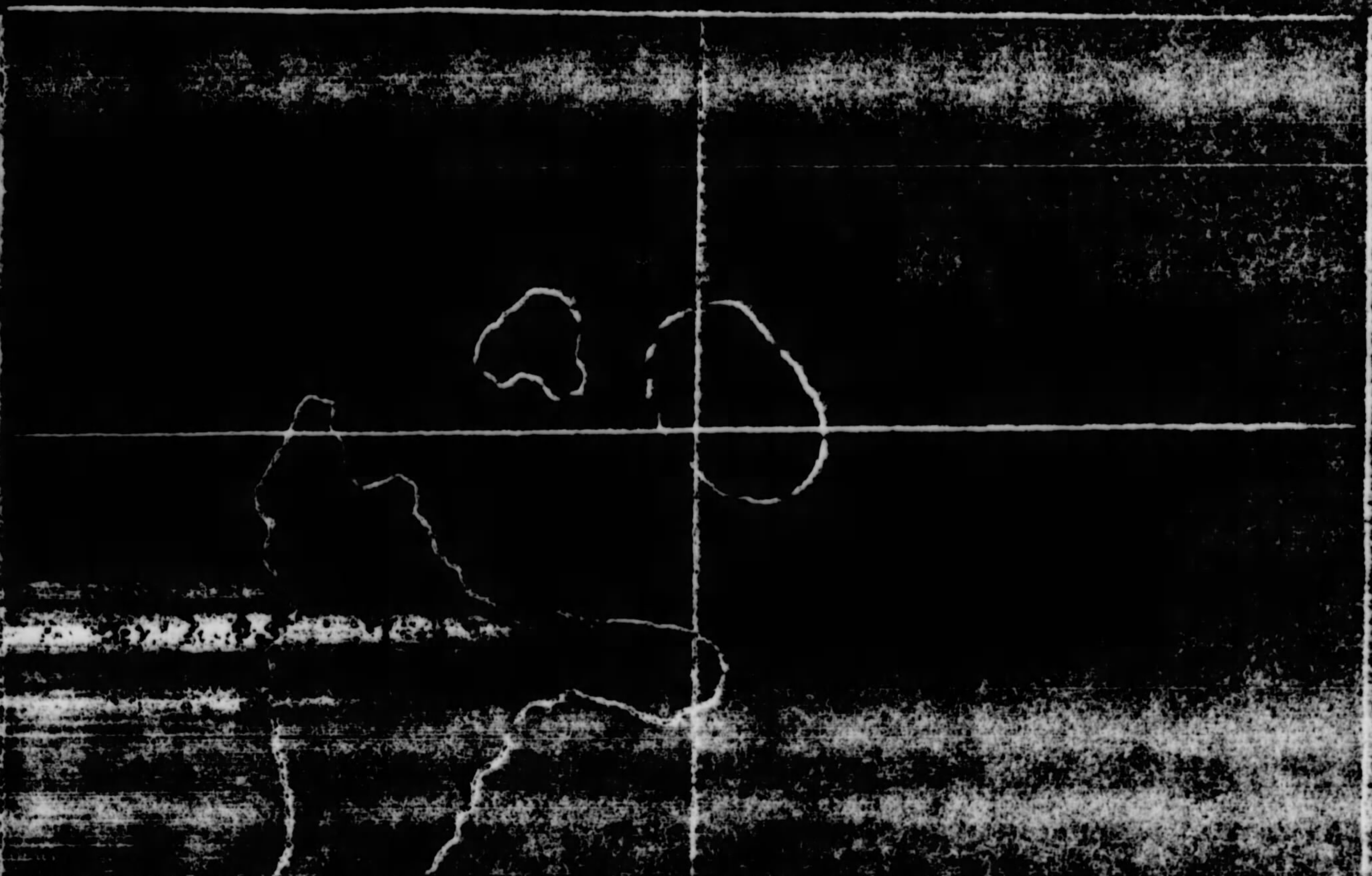
2. Unidentified object was stationary.
3. A sketch of the precision indicator and A Scope is inclosed.

L-Incl

Sketch of Precision Indicator
and A Scope

Donald L. Jones
DONALD L. JONES
1st Lt. Arty
Commanding

PRECISION HADIC ATCH IN
TRACKING POSITION



AZIMUTH SCOPE

INCL

3811

2811

BATTERY C 701ST AAA BATTALION
SOUTH PARK MILITARY RESERVATION
Broughton, Pennsylvania

18 March 1954

SUBJECT: Unidentified Flying Objects Report (UFOB)

TO: Commanding Officer
701st AAA Battalion
South Park Mil Res
Broughton, Penna.
ATTN: S-3

In compliance with Par 5 Circular Number 6 Hq EAAC, Stewart Air Force Base, Newburgh, New York, dated 23 February 1954 the following information is hereby submitted.

1. By listening to the reports from the other batteries of this battalion we determined that the object was apparently overhead. All efforts were made to pick up the object by use of the acquisition antenna and the track antenna, but the object was never seen or picked up.

2. The object was never observed by any personnel on this site.

3. Visual observation and radar pick up were tried but the object was never sighted.

4. From this site the object was never observed.

5. Since the object was never observed there is no information available from this battery.

6. The weather conditions were normal with a large number of clouds overhead.

7. Unknown.

8. No physical evidence existed or exists.

9. Air Force planes were sent up to make contact.

10. The radar picked up the Air Force interceptors and tracked them while they searched for the object.

Carl N. Uestead
CARL N. UESTEAD
1st Lt Arty
Commanding

BATTERY D 701ST AAA BATTALION
SOUTH PARK MILITARY RESERVATION
Broughton, Pennsylvania

18 March 1954

SUBJECT: Unidentified Flying Objects Report

TO: Commanding Officer
18th AAA Group
South Park Military Reservation
Broughton, Pennsylvania

In compliance with paragraph number 5 Circular number 6 Headquarters ARAACOM dated 21 February 1954, the following is submitted:

The object picked up on the Track Radar was a completely unidentifiable object invisible to any means of identification.

The object was picked up at 2300 hours Roger time 11 March 1954 and tracked until 0600 hours Roger time 12 March 1954. Through permission of 18th AAA Group. The phenomena, however, did not disappear from the scopes and were periodically traced throughout the day.

The manner of observation was electronic tracking of the M33 Radar. It appeared as a stationary target at an altitude of about 8,000ft. The elevation was 1370; Azimuth, 3350; and Range

The observers were located in the M33 Van and visual observers were placed but because of the type of day and the nature of the phenomena, no visible signs could be determined.

It was definitely established that the phenomena did occur by the number of men (all reliable) that were in the Radar unit and the other Radar units which also tracked the object.

The net message of 11 March 1954 1900 hours Roger consisted of the following data:

Wind Azimuth	5200
Wind Speed	15
Density	99.8
Air Temp.	40

The net message of 12 March 1954, 0540 Roger consisted of the following data:

Wind Azimuth	5200
Wind Speed	9
Density	100.7
Air Temp.	40

g. It is thought in this Battery that the phenomena is either a concentration of static electricity or a ground echo of some fixed object which has bounced to that point. Since the phenomena occurred at a fixed spot in the sky.

h. There was no evidence of any physical nature what so ever.

i. Cooperation with the Airforce occurred through higher Headquarters.

j. The nature of the phenomena was such that it could not have been any known type of aircraft.

1. Deck #1 Statement
(William H. Walters)
Deck #2 Statement
(Malcolm H. Chandra)
(Lawrence G. Baker)
Deck #3 Oscilloscope of Track Radar

William H. Walters
WILLIAM H. WALTERS
Capt. Arty
Commanding

BATTERY D 701ST AAA BATTALION
SOUTH PARK MILITARY RESERVATION
Broughton, Pennsylvania

18 March 1954

S T A T E M E N T

As Duty Officer, I was called to the M33 van at approximately 0001 hours on 12 March 1954 to observe and supervise the operation of my Battery Radar crew. At this time they were on stand by surveillance and were busy trying to lock on a target assigned to them by Empress. At approximately 0100 hours they succeeded in locking on the target through the clutter which is extremely heavy at this point. The unmoveability and continuous stability of the target indicated that it was a bounce echo. In appearance the pip was similar to any normal target pip.

The Radar crew remained locked on the target until relieved at approximately 0615 hours without apparent movement of the target. Subsequently searches on later dates have produced the same phenomena with very minor azimuth and elevation variations.

Master Sergeant Chess was called in from home after careful scrutiny he was of the same opinion as the undersigned as to the nature and substance of the target.



WILLIAM H. WALTERS
Capt Arty
Commanding

BATTERY D 701ST AAA BATTALION
SOUTH PARK MILITARY RESERVATION
Broughton, Pennsylvania

18 March 1954

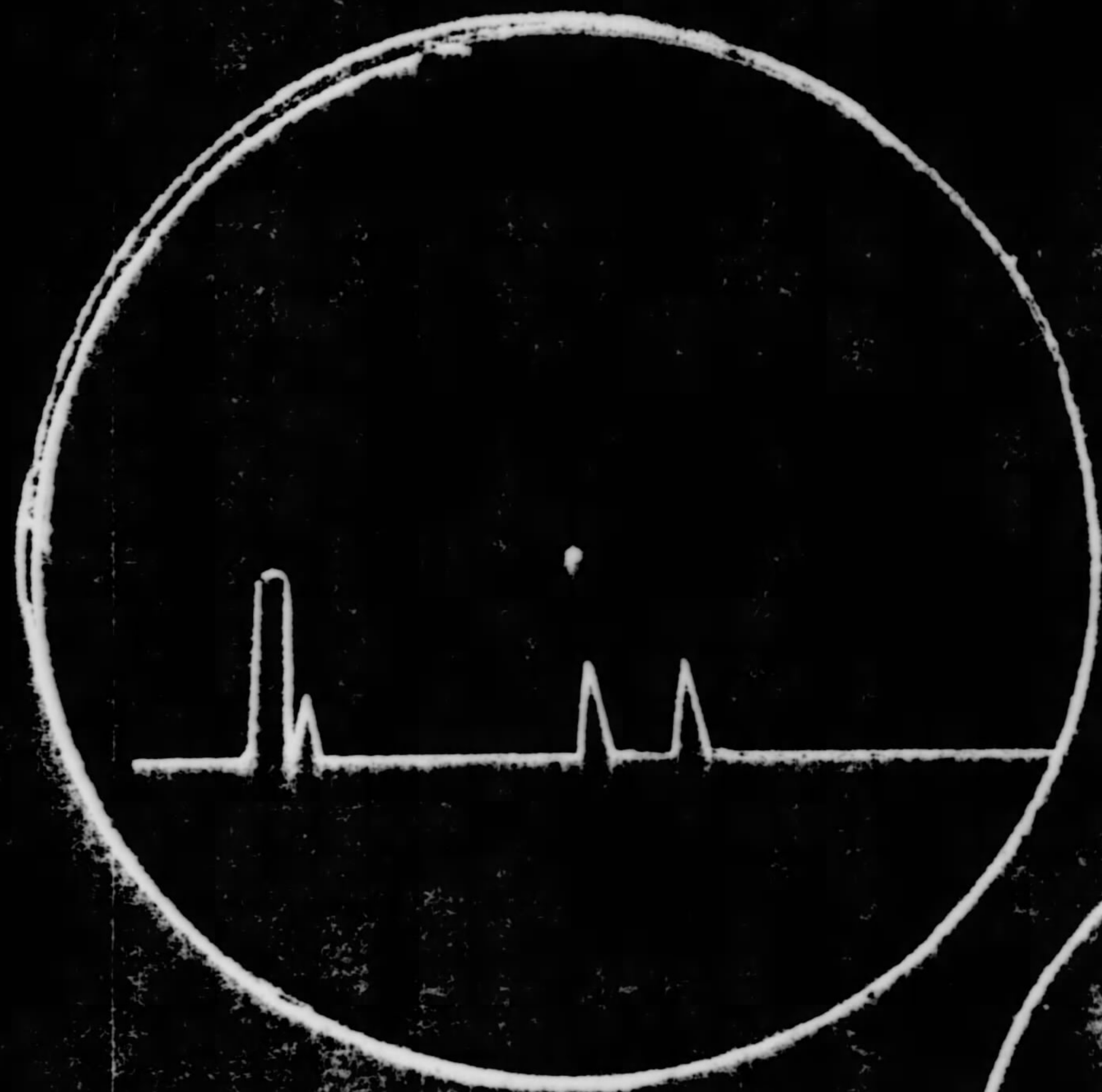
S T A T E M E N T

On March 11, 1954 Site 41 went on stand by surveillance. At or about 0400 hours Express called down and gave us a plot which was (KL 5426). It took us about two hours to locate the target. When we got on the target it looked like an ordinary target. We went into automatic and stayed in automatic until we were relieved and the thing or object did not move.

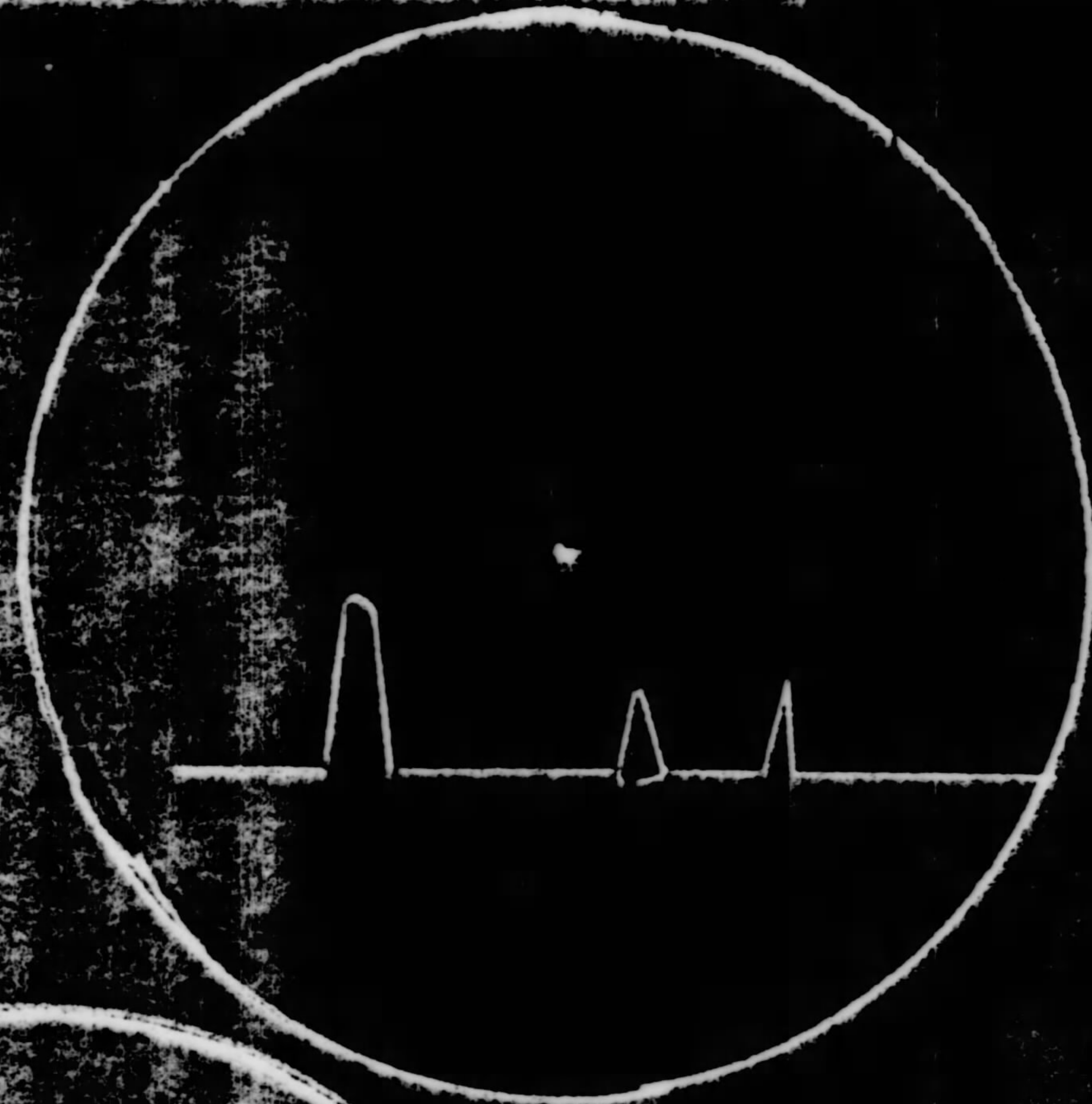
Walter B. Chmura
WALTER B. CHMURA
Cpl RA1640493

Lawrence G. Maher
LAWRENCE G. MAHER
PTC US5123293

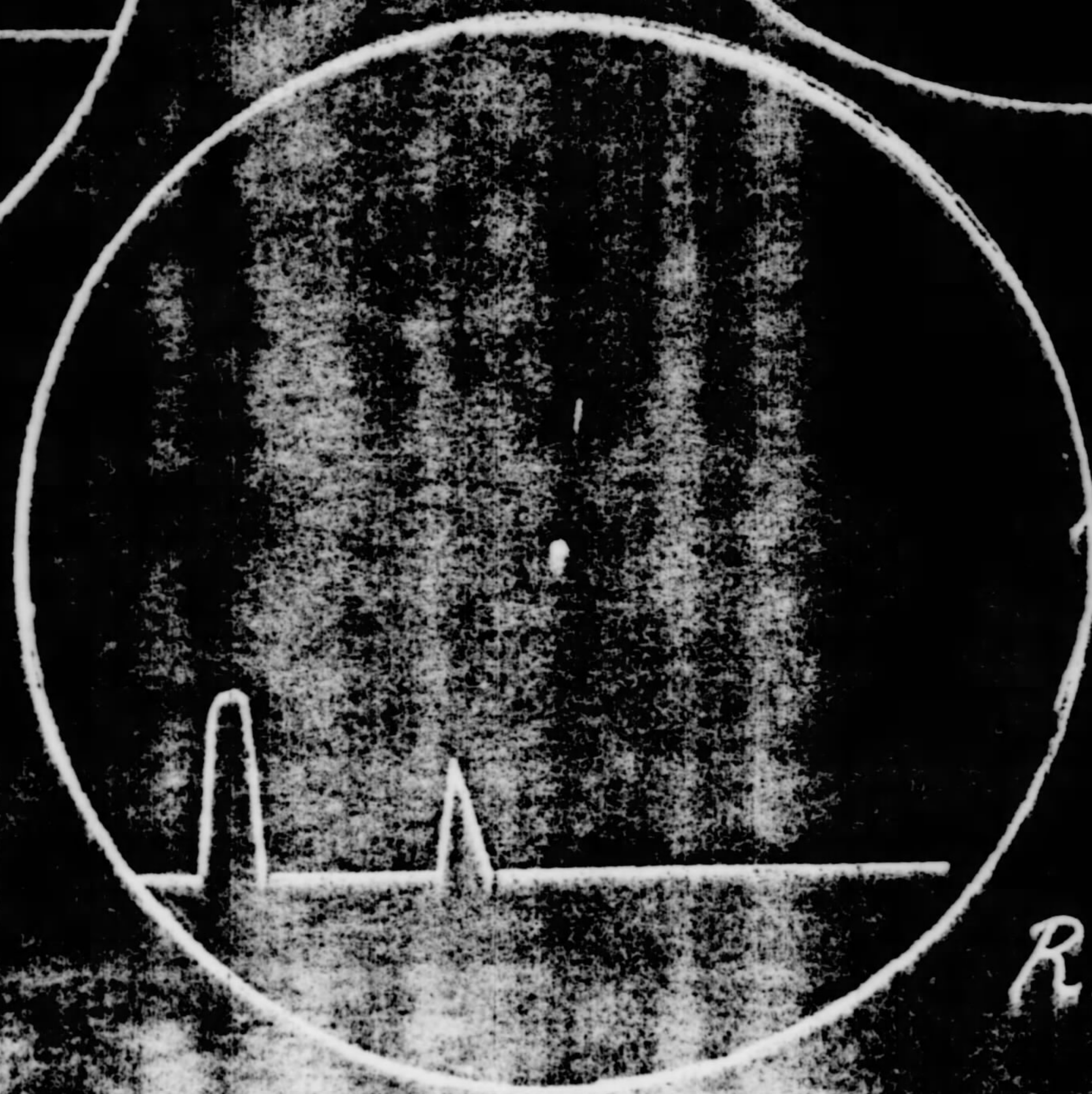
OSCILLOSCOPES OF TRACK RADAR - M 33 FCS



ELEVATION



AZ.



RANGE