

PROJECT 10073 RECORD CARD

1. DATE 5 Aug 63		2. LOCATION Melville AS, Labrador		12. CONCLUSIONS ☐ Was Balloon ☒ Probably Balloon ☐ Possibly Balloon ☐ Was Aircraft ☐ Probably Aircraft ☐ Possibly Aircraft ☐ Was Astronomical ☐ Probably Astronomical ☐ Possibly Astronomical ☐ Other _____ ☐ Insufficient Data for Evaluation ☐ Unknown	
3. DATE-TIME GROUP Local _____ GMT 05/1827Z		4. TYPE OF OBSERVATION ☐ Ground-Visual ☒ Ground-Radar ☐ Air-Visual ☒ Air-Intercept Radar			
5. PHOTOS ☒ Yes-Radar Scope ☐ No		6. SOURCE military			
7. LENGTH OF OBSERVATION 9 hrs 53 mins		8. NUMBER OF OBJECTS two		9. COURSE varied	
10. BRIEF SUMMARY OF SIGHTING Two objs with normal paint on height finder of size about $\frac{1}{4}$ that of a/c observed for almost 10 hrs. Objs were 2 miles apart. Initial pickup on HRI at 80,000 ft 112 deg azimuth 68 miles range. disappearance at 106 deg azimuth 74 miles range. height fluctuated between 60,000 to 80,000 ft in vertical movement. Normal AP. T-33 airborne could not get visual contact. 2 flights were scrambled for identification and could get Radar pickup but no visual contact. Three flights and 6 a/c were scrambled in attempt to gain visual contact without success.				11. COMMENTS Negatives of scope forwarded. Analysis submitted to Electronics Branch for evaluation. Balloon with radar corner reflector considered as the most probable cause. Transparent balloon would be difficult to see from a/c traveling at high speed, yet would be picked up on air Intercept Radar. (See analysis)	

POSTAGE AND FEES PAID

Air Force Systems Command
Foreign Technology Division

ATTN: TD-E Aerial Phenomena Branch
Wright Patterson AFB, Ohio

PHOTO SERVICE REQUEST					TD-D4c WORK ORDER NO. 8-273		
TO: AFCIN-TD-D4c		DATE 29 Aug. 63		PROJECT NO. 066002		TASK NO.	
INITIATOR Sgt. Moody		EXP. DATE COMPLETION Routine		COMPLETED DATE		QUALITY CONTROL	
ORGN CODE		EXT: 69216		CLASSIFICATION Uncl.		TAB: U-25-0	
DESCRIPTION OF SERVICES (Include purpose of request, time and place of requirement, and other pertinent information).							
PHOTOGRAPHIC SPECIFICATIONS							
☒	Copy	By		☒	Projection Prints 8X10	By	
	Duplicate Negative	By			Continuous Prints	By	
	Duplicate Positive	By			Other	By	
	Develop	By		☒	Gloss	☒	Single Wt
	Contact Prints	By			Matte		Double Wt
No. of Copies 5 ea.							
MATERIAL FURNISHED: 11 4X5 Negatives							
REMARKS/ADDITIONAL INFORMATION:							
RECEIPT FOR PHOTOGRAPHIC WORK I certify that I have received _____ originals, <u>11</u> negatives and <u>55</u> 8X10 Prints, all to be used in the service of the UNITED STATES GOVERNMENT ONLY.							
NAME _____ RANK _____ DATE _____						TD-D4c WORK ORDER NO. 8-273	

Aug. 28-63

1. Since visual contact was not made in this case, it is impossible to state with certainty what the caused the returns on the radars.

2. Equipment malfunction can be ruled out, since several radars displayed the same target; and anomalous propagation appears to be unlikely.

3. From the activity of the target it appears that the most logical explanation is a balloon, possibly carrying a radar corner reflector.

This would not necessarily be a balloon released by our people, or even by one of the western countries. Balloons have been known to travel hundreds of miles, and the relatively small lateral travel, coupled with the variation in altitude from 6000 ft. to 8000 ft. would be typical of a balloon. If the balloon were small, and silver or ~~transparent~~ ^{translucent} (metalized), it might well be next to impossible to see visually, yet would be easily detected by the radars.

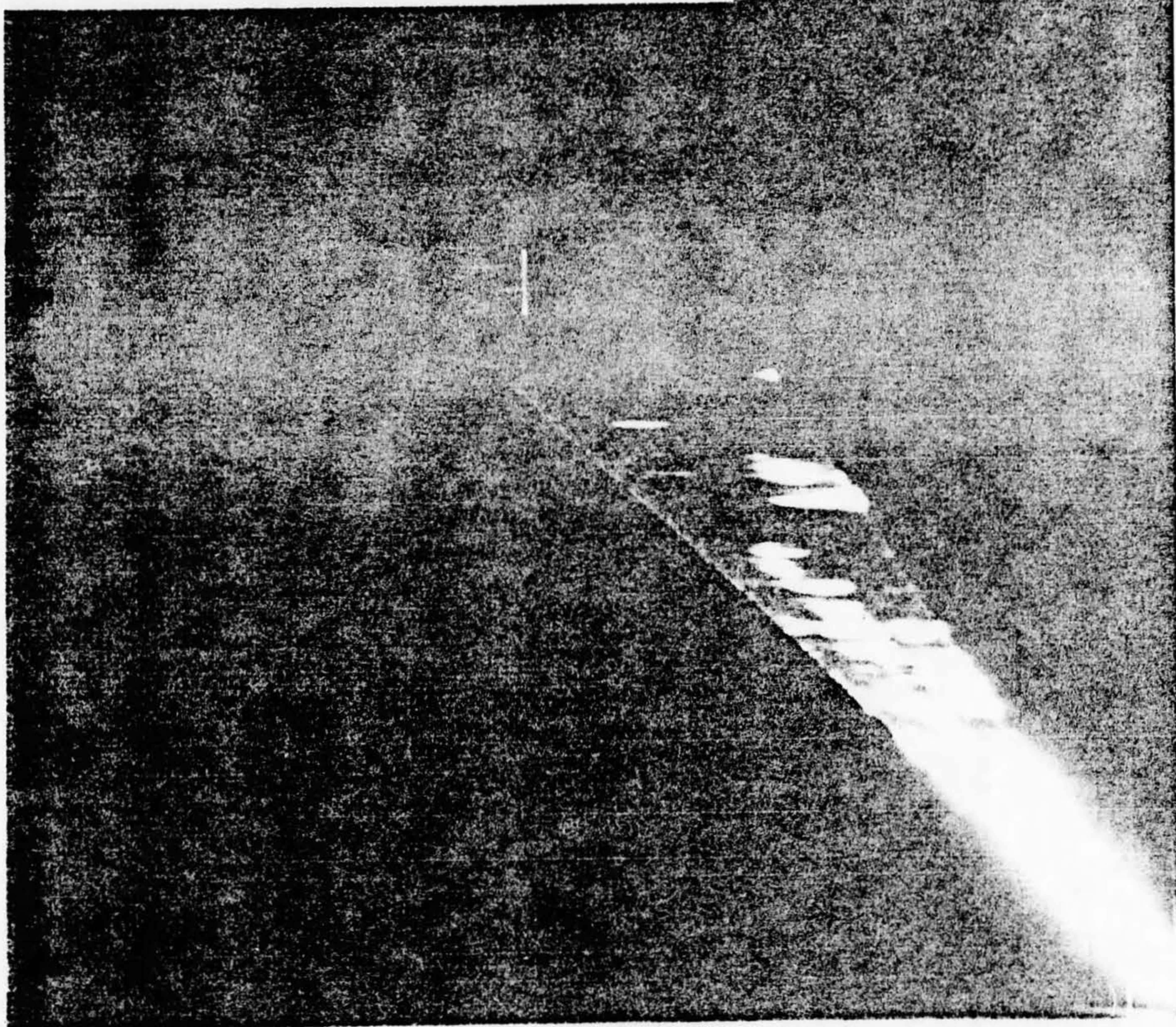
V. D. Bryants

18772 5 12 63



W. W. W. W. W. W. (UFC)
18272 5 05 63

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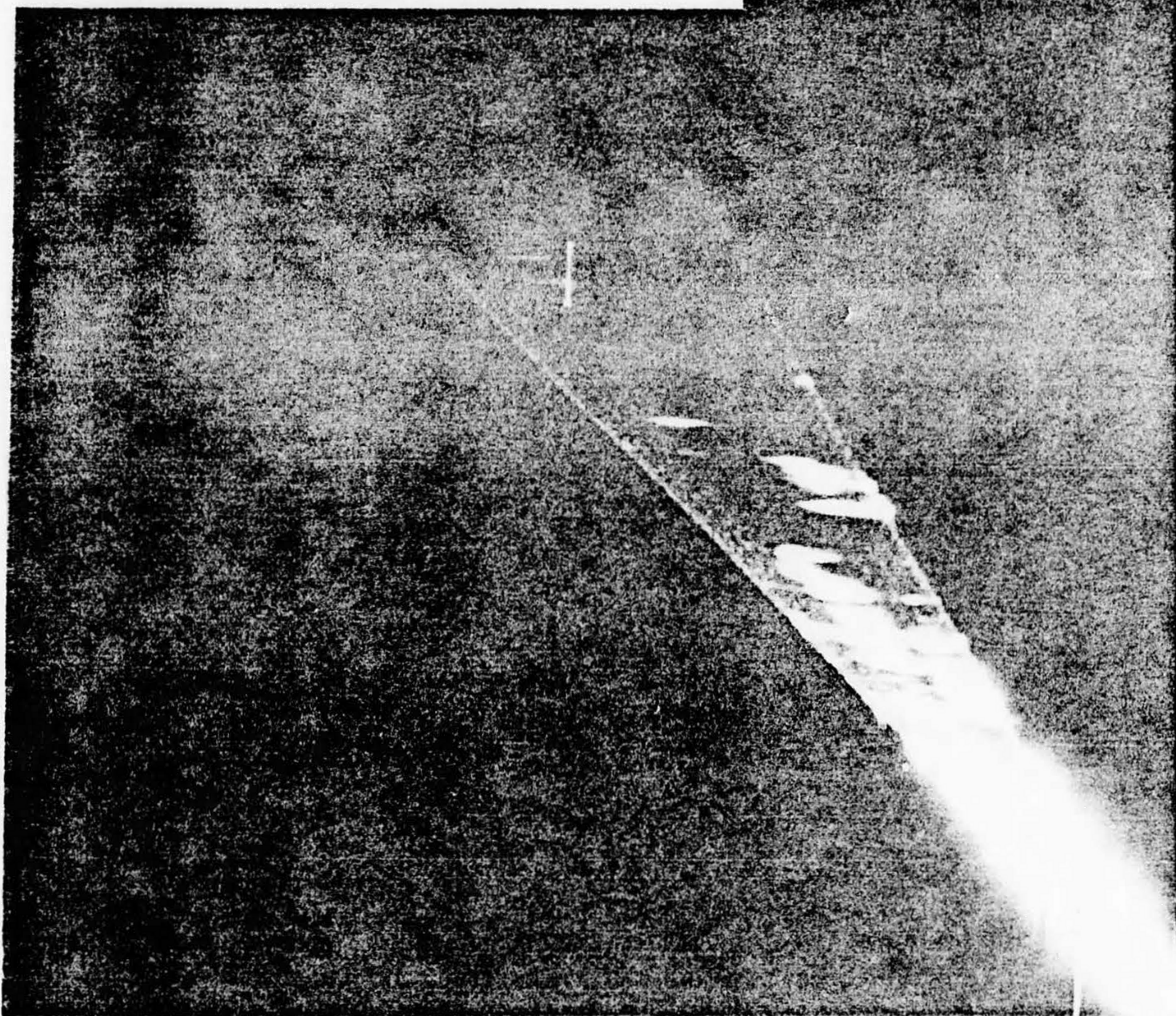
REVILLE AS LABR (UFC)
13272 5 45 63

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T

WELVILLE AS LASH (UFO)
18272 5 Aug 63

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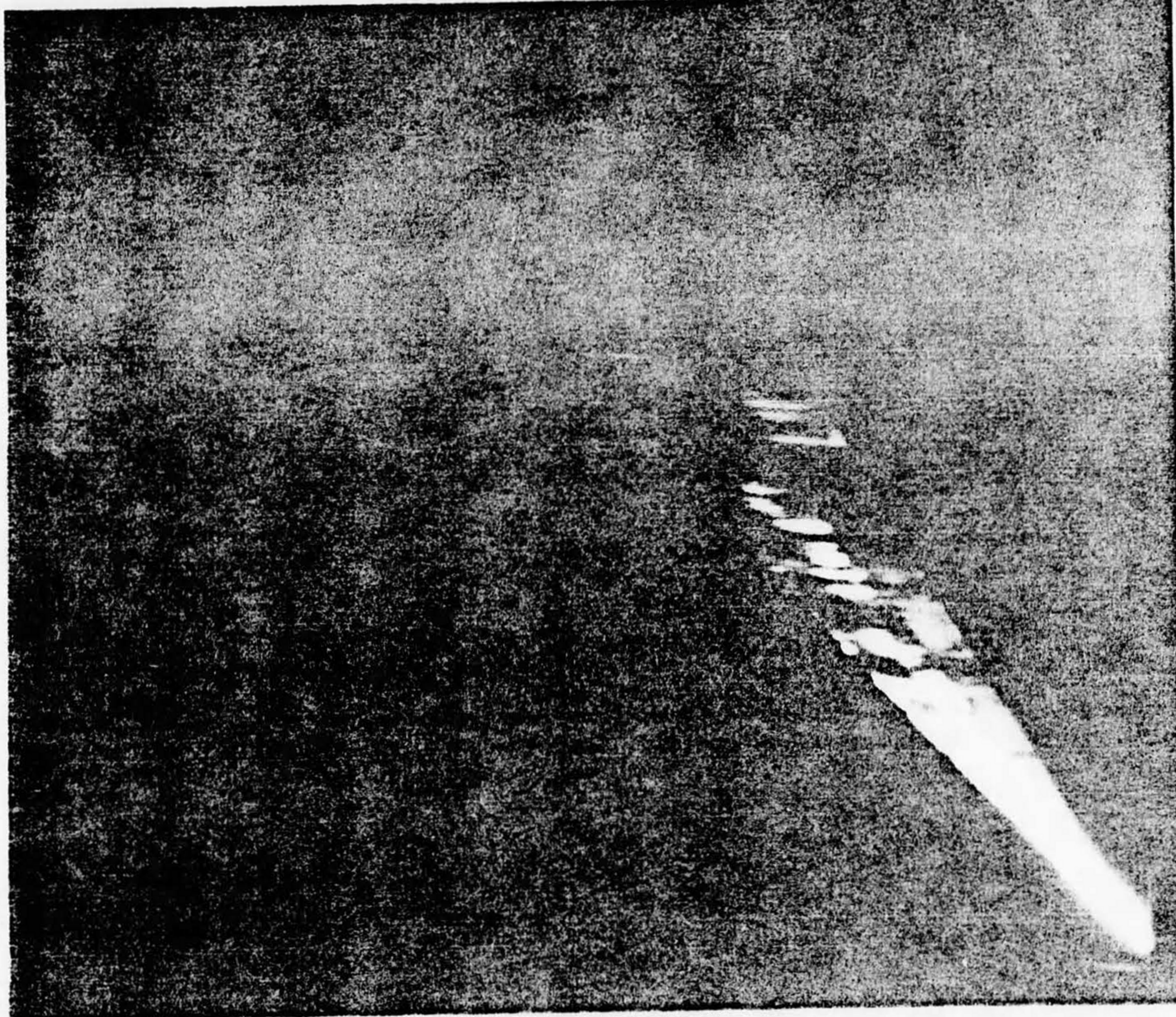
BRIVILLE AS LIES (DIO)
1827 5 Aug 63

1



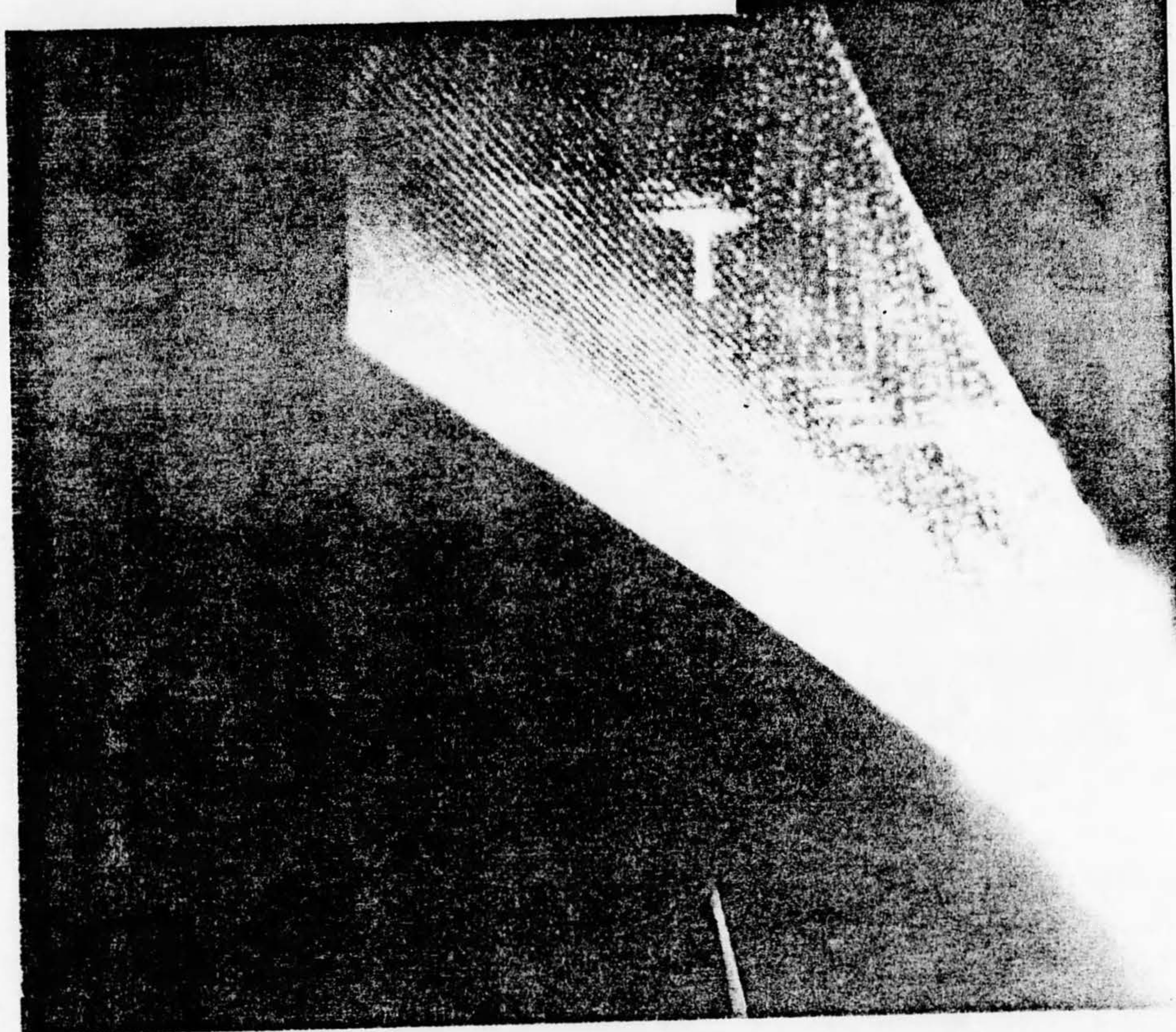
1871.5 40 63

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MELVILLE AS LARK (UFO)
1827Z 5 Aug 63

5



HEADQUARTERS
FOREIGN TECHNOLOGY DIVISION
AIR FORCE SYSTEMS COMMAND
UNITED STATES AIR FORCE
WRIGHT-PATTERSON AIR FORCE BASE, OHIO



REPLY TO
ATTN OF: TDEED

SUBJECT: Evaluation of UFO Report from Melville AS, Labrador

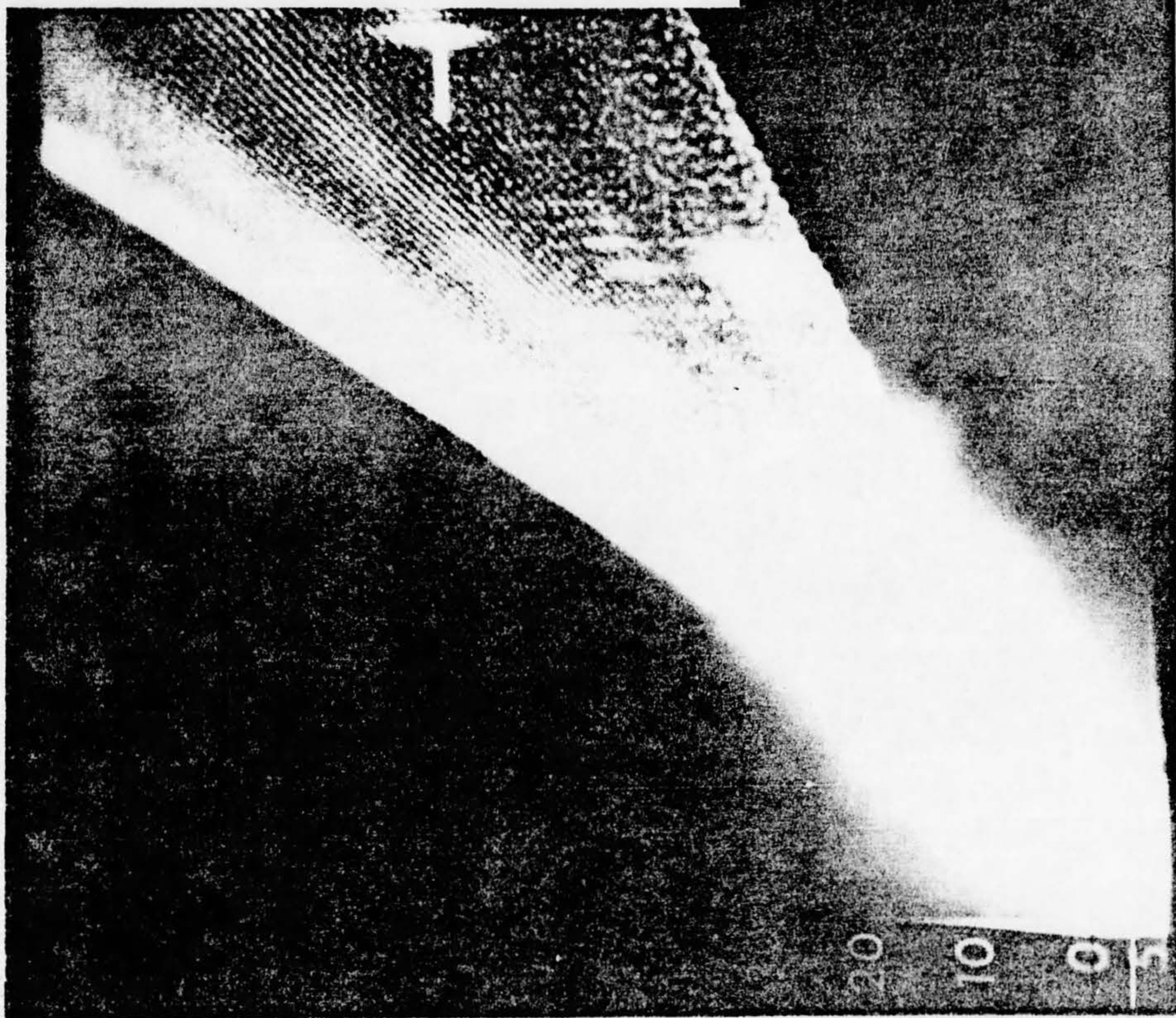
TO: TDEW (Capt Quintanilla)

1. Since visual contact of the target was not made in this case, it is impossible to state with certainty what caused the returns on the radars.
2. Equipment malfunction can be ruled out, since several radars displayed the same target; and anomalous propagation appears to be unlikely.
3. From the activity of the target it appears that the most logical explanation is a balloon, possibly carrying a radar corner reflector. This would not necessarily be a balloon released by our people, or even by one of the western countries. Balloons have been known to travel hundreds of miles, and the relatively small lateral travel, coupled with the variation in altitude from 6,000 ft to 8,000 ft would be typical of a balloon. If the balloon were small and silver or transparent, it might well be next to impossible to see visually, yet would be easily detected by the radars.

VINCENT D BRYANT
TDEED

1827 5 4 63

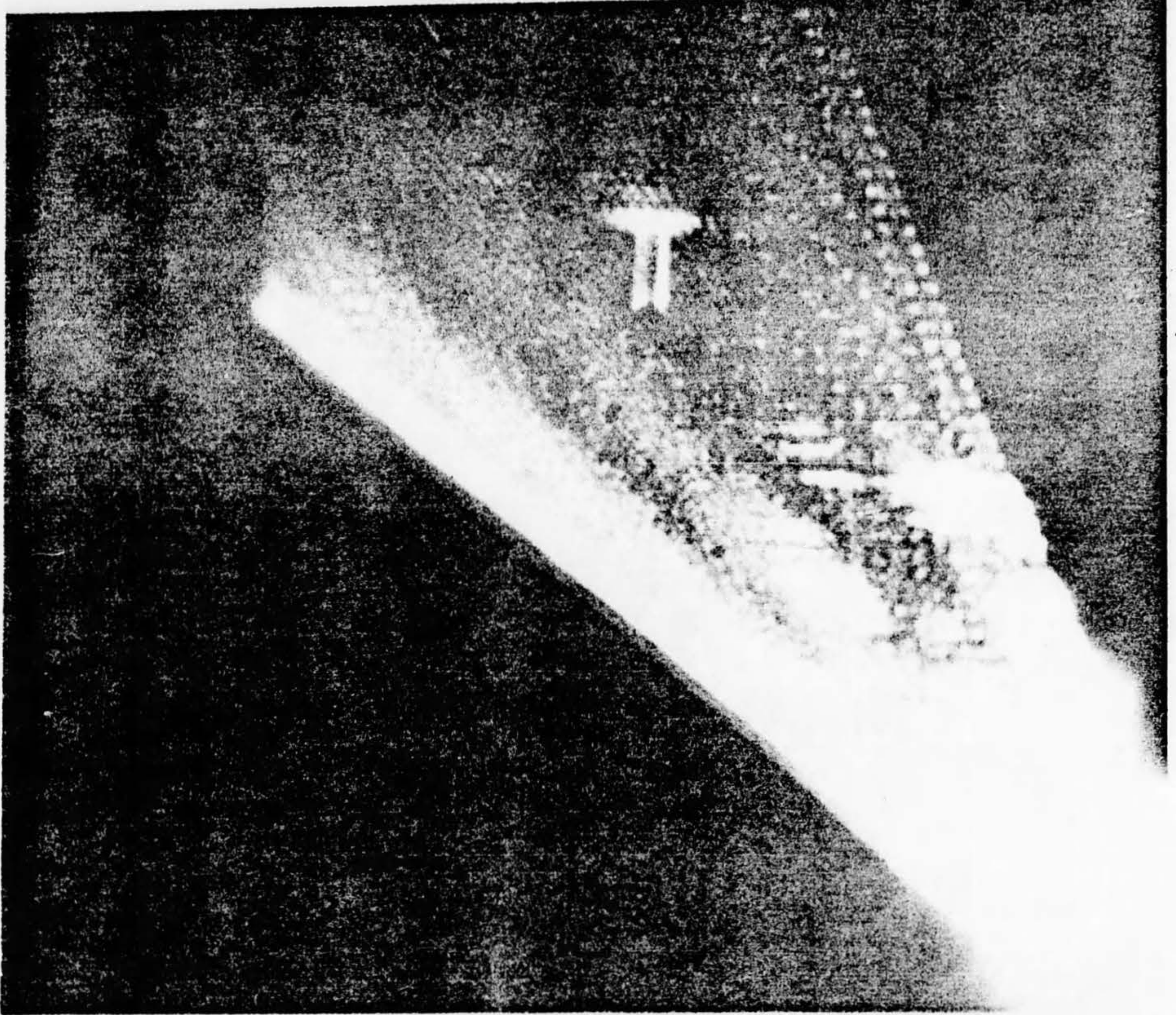
4



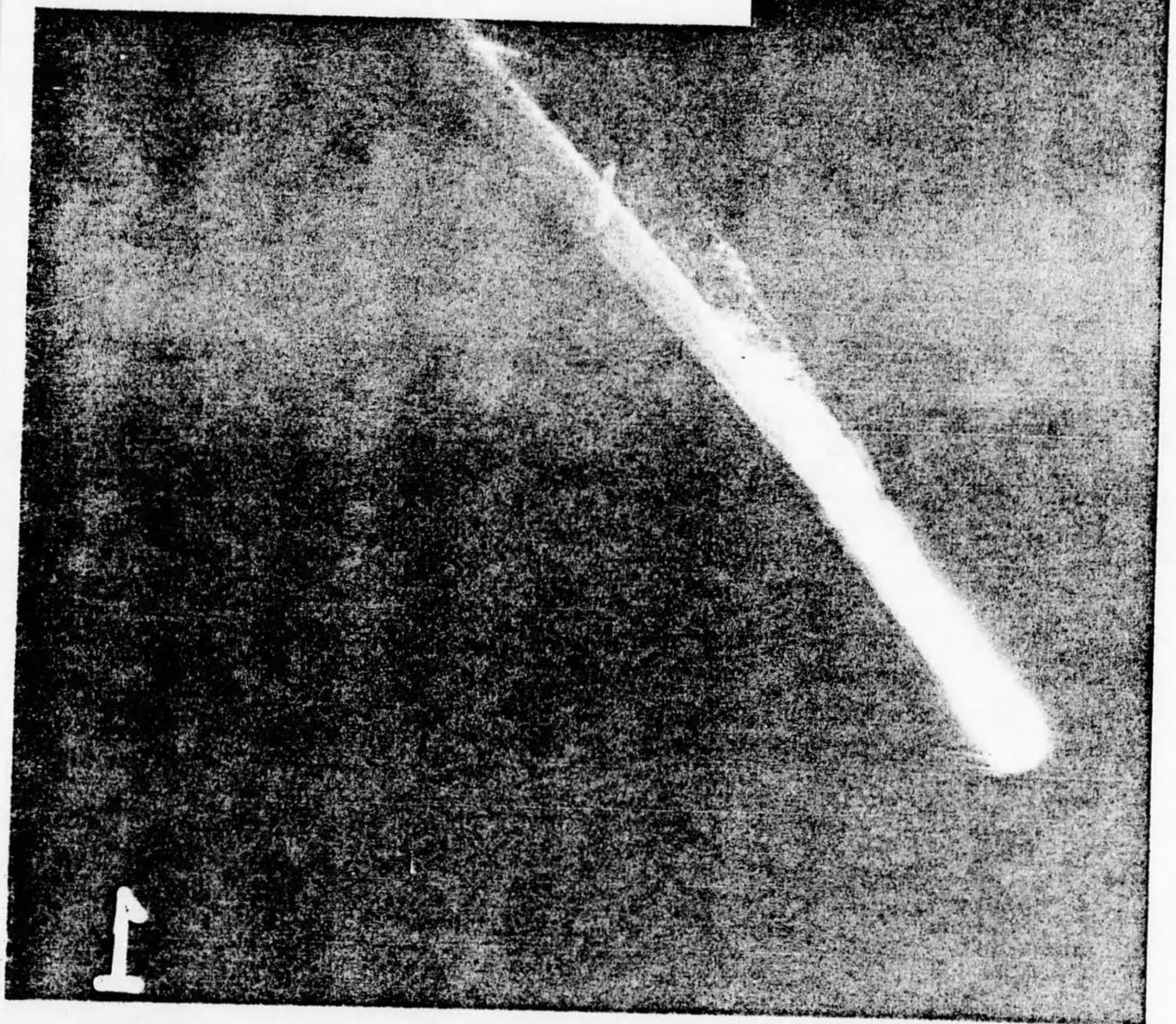
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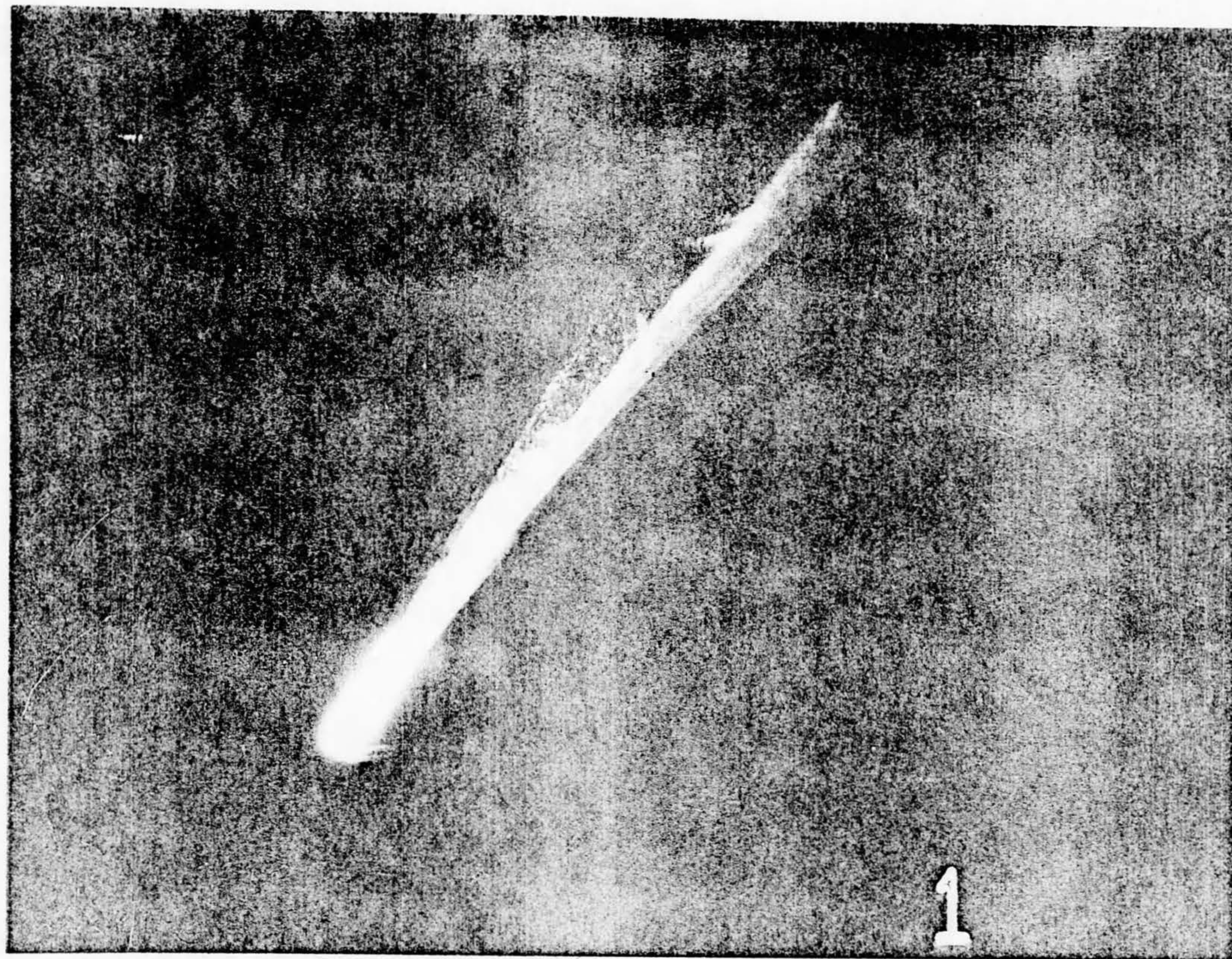
1827 5 48 63

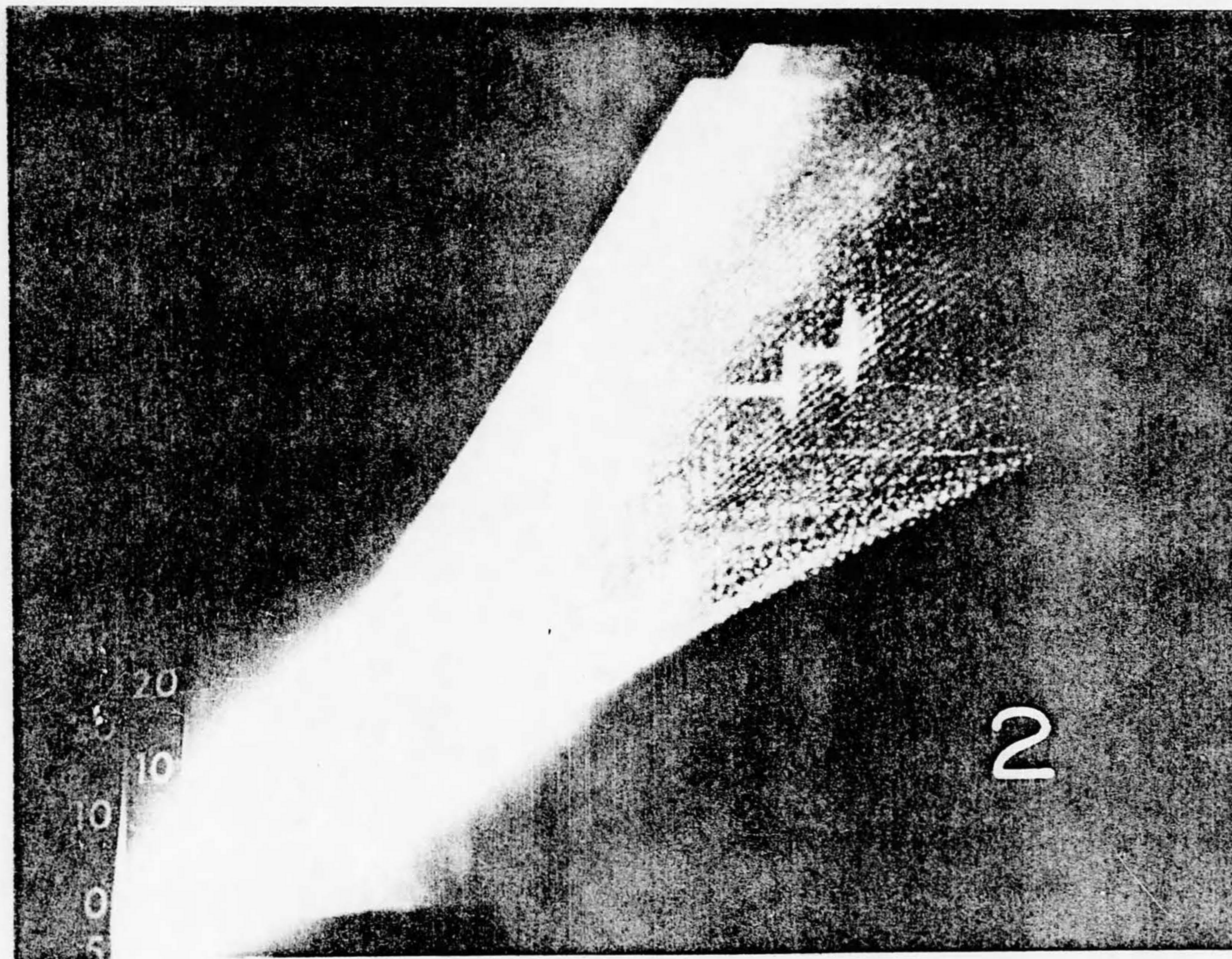
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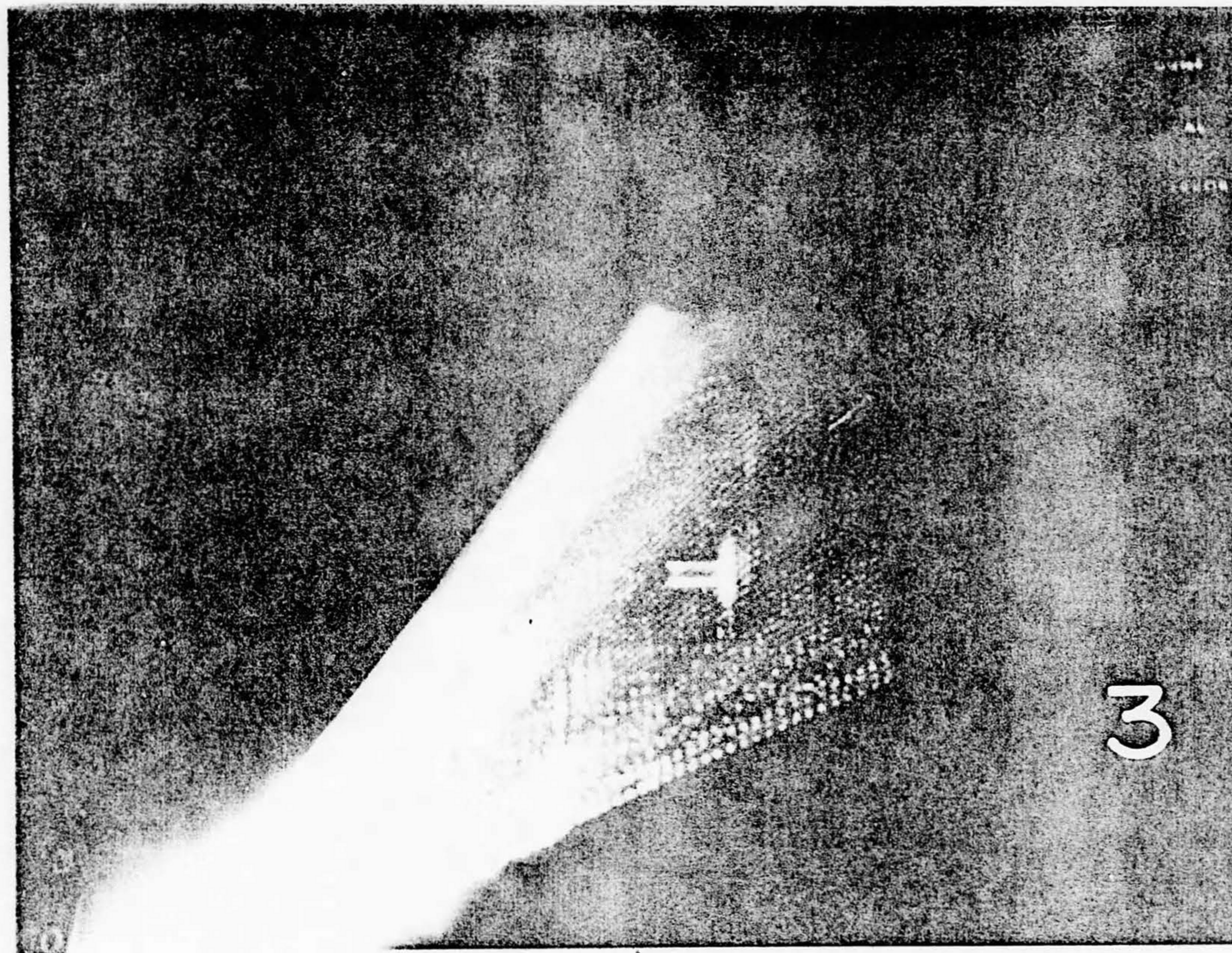


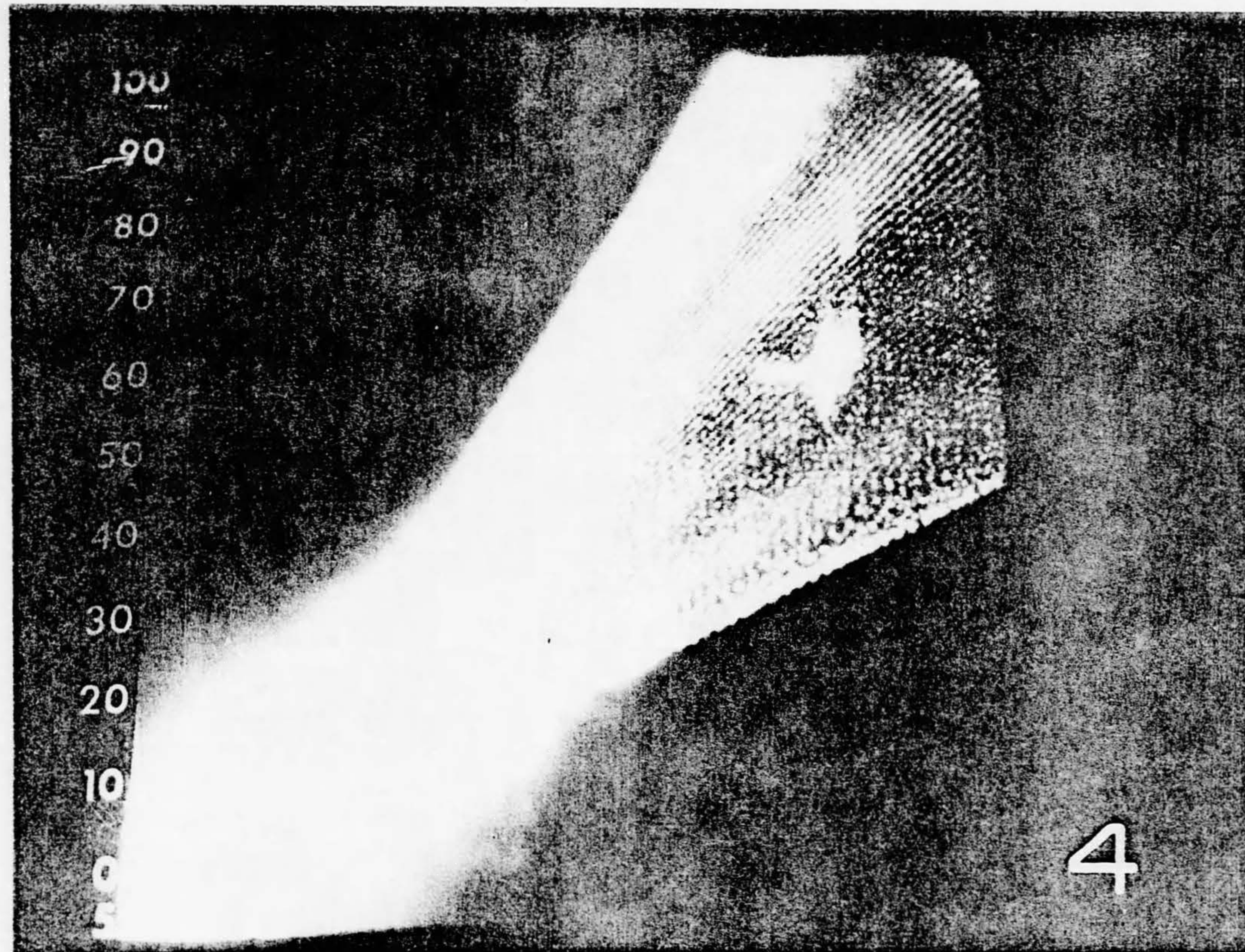
CIVILIAN AS LATE (CIC)
18272 5 Aug 63

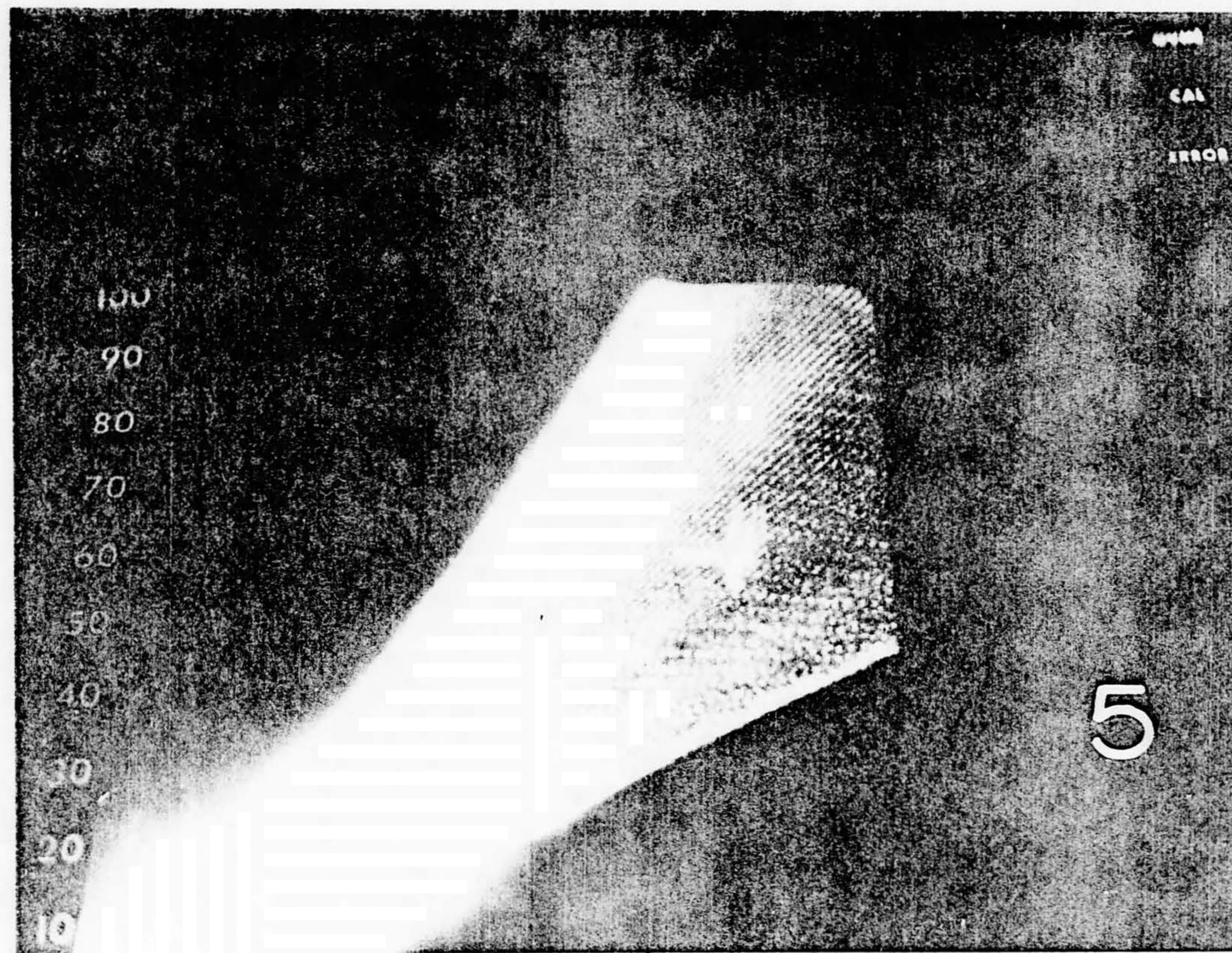


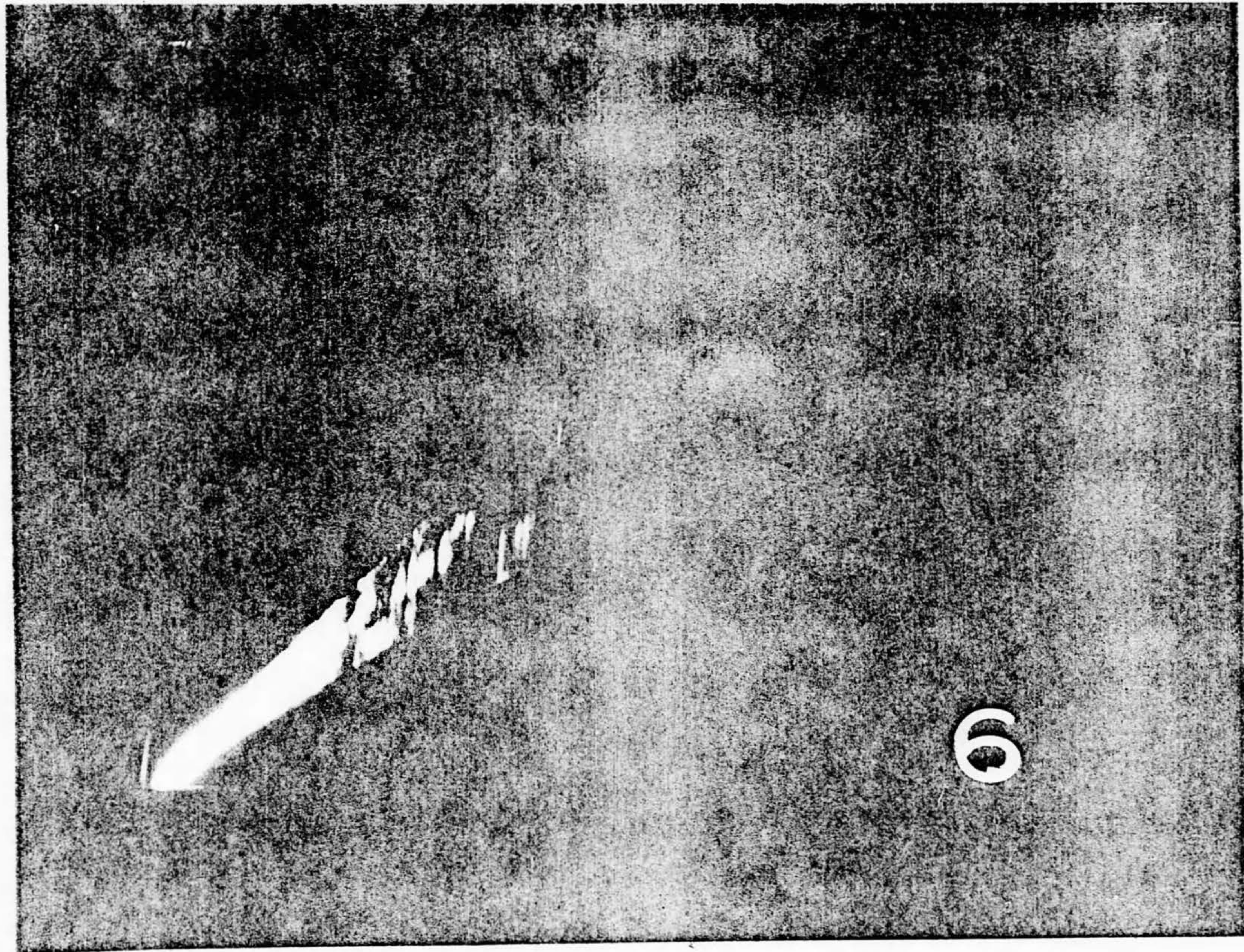


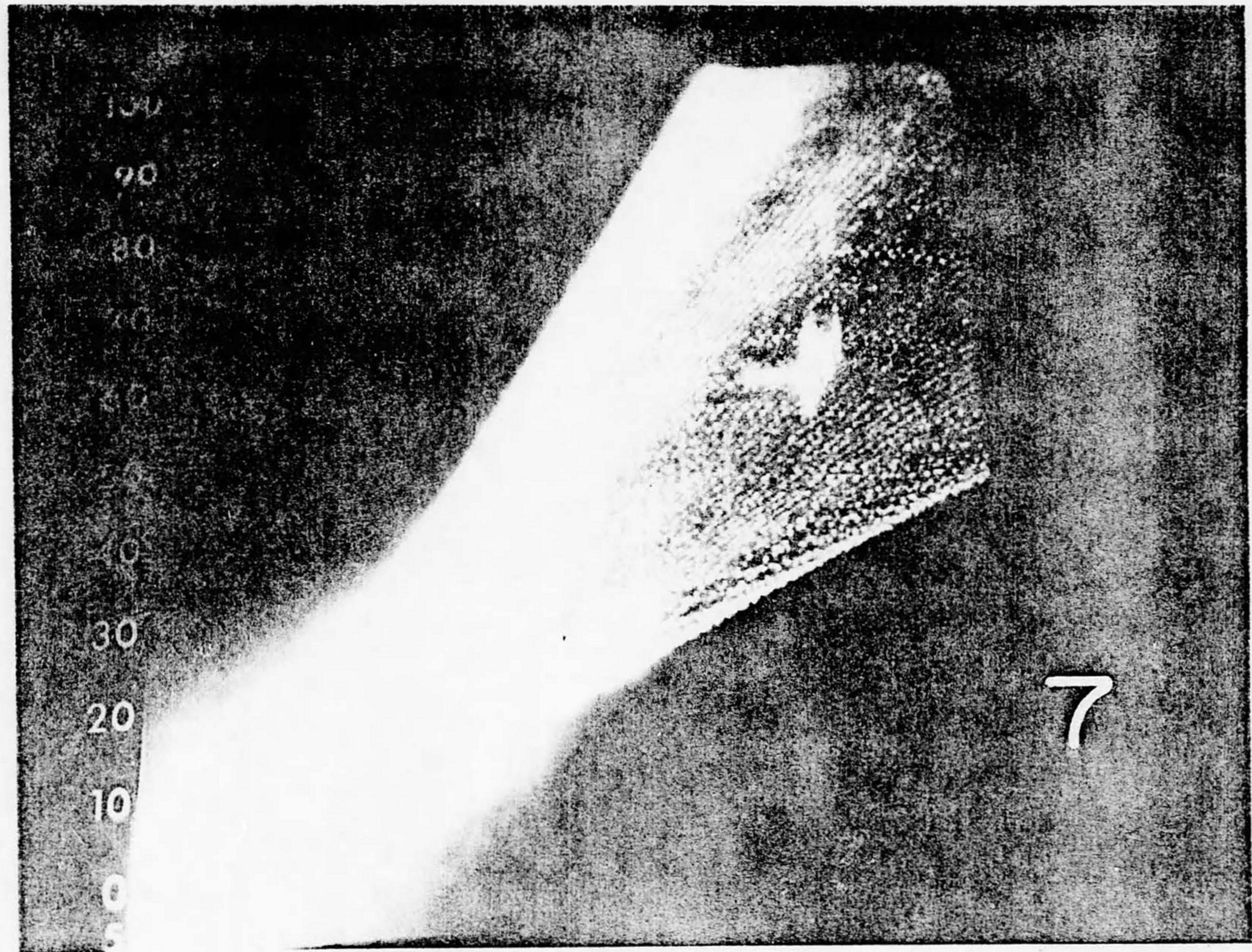




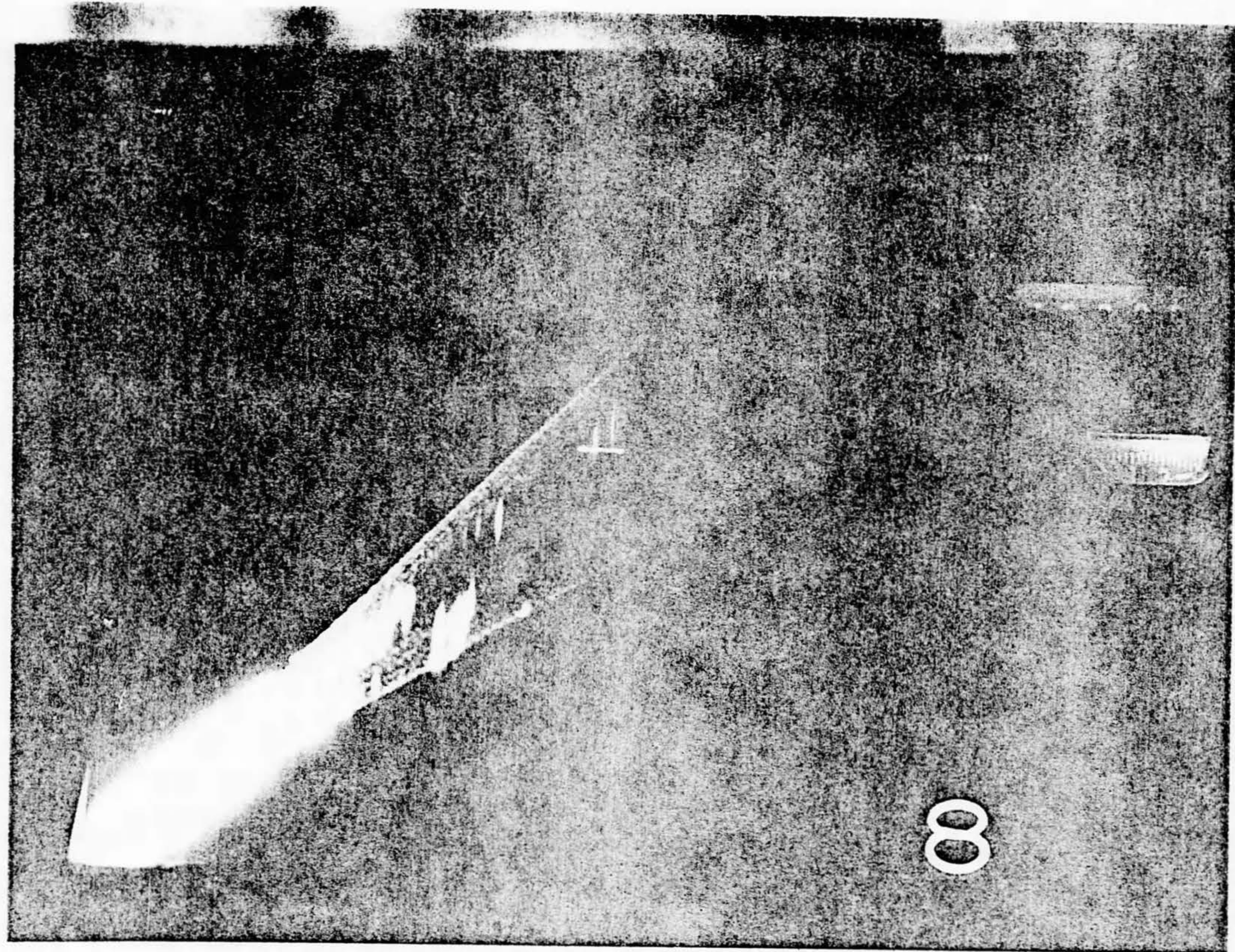


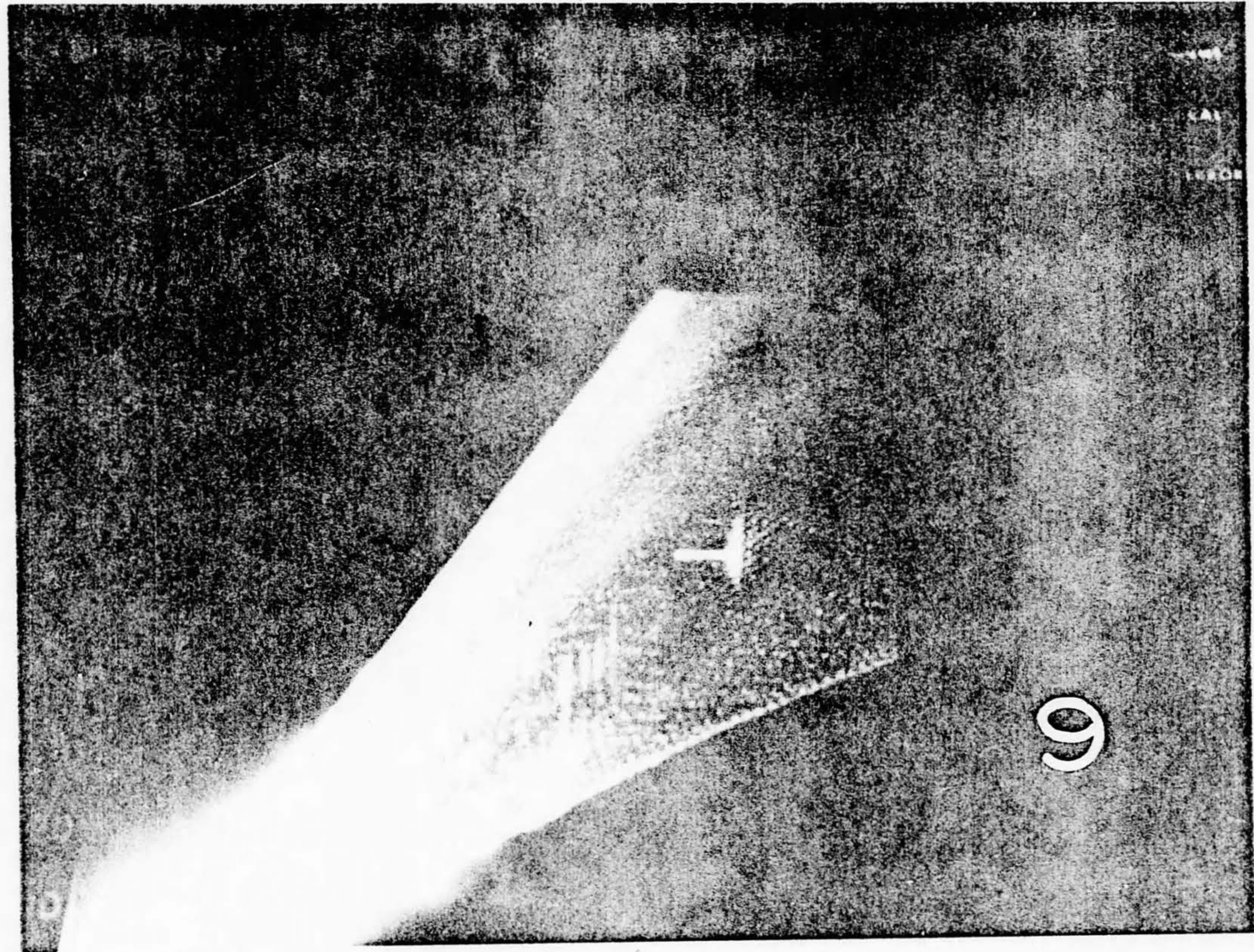


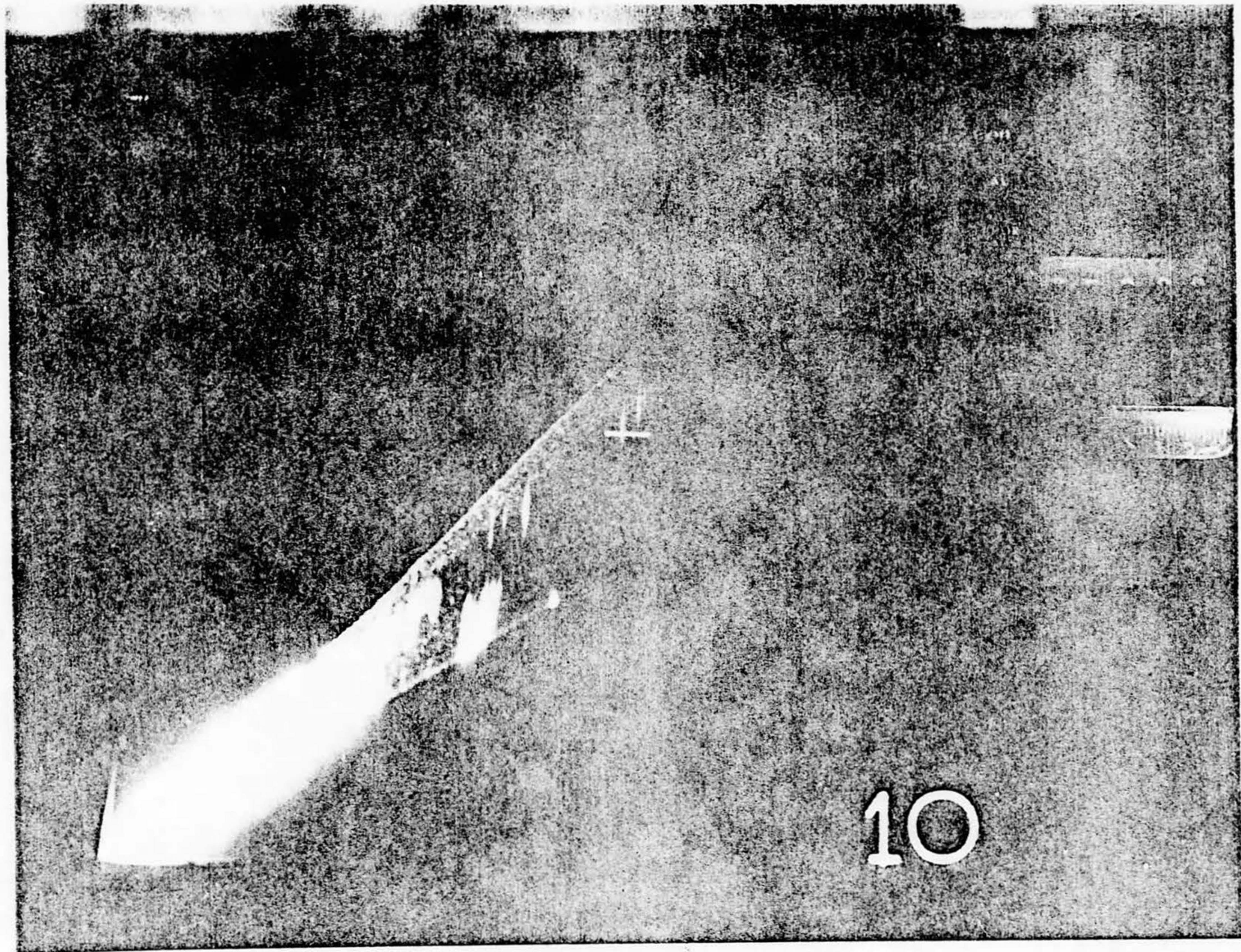


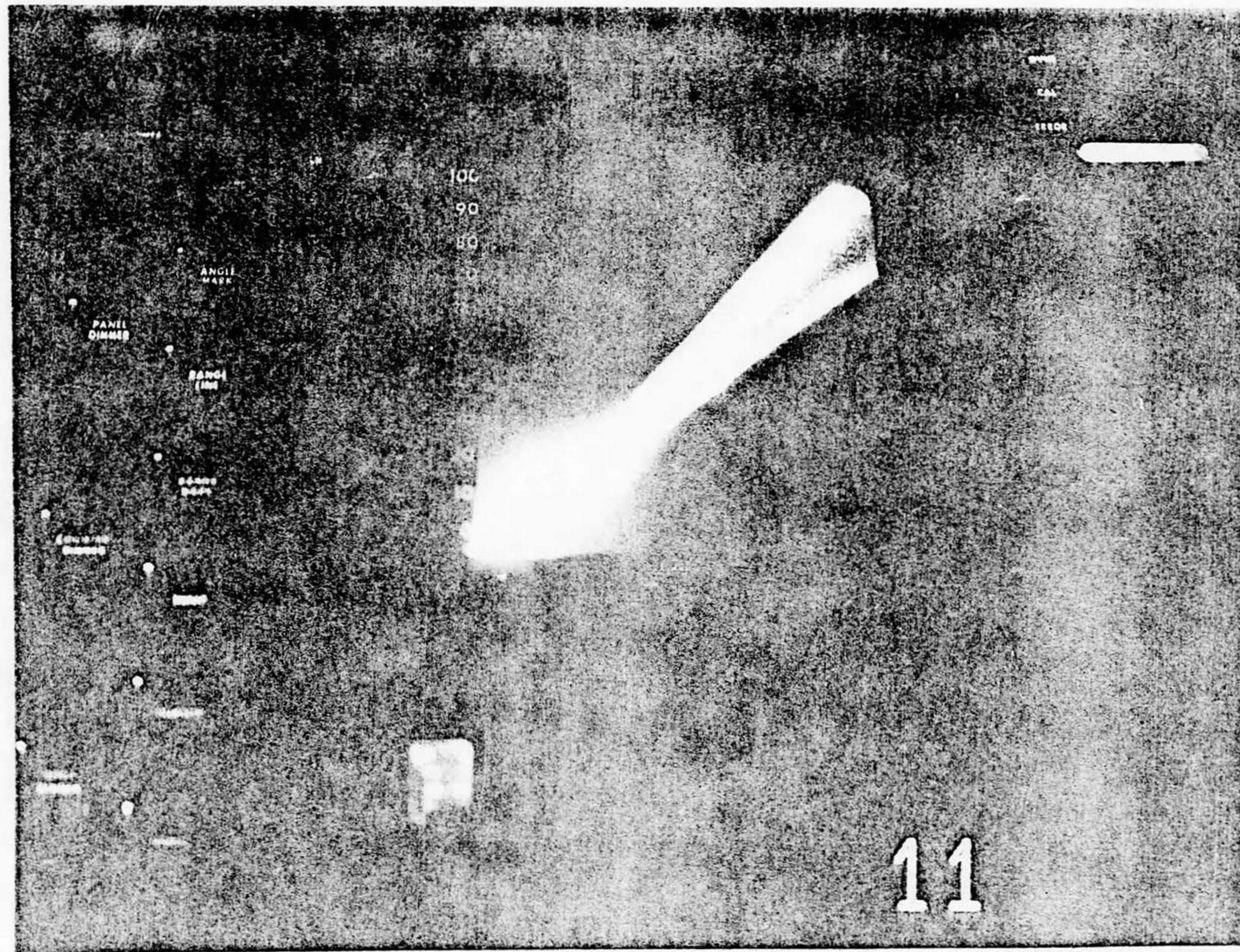


This case includes twenty four (24)
8" x 10" photographs and eleven (11)
4" x 4 1/4" negatives.









UNCLASSIFIED

5 August 1963 Melville AS, Labrador
UNUSUAL RADAR SCOPE PHOTOS

K. MAJOR DONALD T. EVANS 00743434, ASSISTANT OPERATIONS OFFICER.

L. PHOTOGRAPHS WILL FOLLOW IN WRITTEN REPORT.

PARAGRAPH 16. SUSPECTED CAUSE TO BE AND UNUSUAL WEATHER PHENOMEN. SUBSTANTIATING DOCUMENT AND PHOTOGRAPHS WITH NEGATIVES WILL BE FORWARDED.

BT

27/1931Z AUG RUEOBP

PAGE FOUR RUEOBP 9

35M	MSG	MINUS 55
42M	262/26	MINUS 50
45M	MSG	MINUS 42
52M	232/14	MINUS 50
55M	MSG	MINUS 50
62M	221/76	MINUS 50
1	MSG	MINUS 50
72M	184/22	MINUS 40

(3) 112 FEET - 2400 FEET.

(4) SEVEN MILES OR MORE.

(5) 2/1 - 12/12.

(6) 0 12.

(7) SEE NUMBER (2).

H. NONE IN THIS AREA. ANALYSIS OF UPPER AIR SOUNDINGS IN THIS AREA INDICATED NO UNUSUAL METEOROLOGICAL CONDITIONS. ANOMALOUS PROPAGATION ANALYSIS INDICATED NORMAL CONDITIONS

1. AT 35/1830Z, A-T-33 WAS AIRBORNE IN THIS VICINITY AT 22,200 FEET. TWO ATTEMPTS WERE MADE AND NO VISUAL CONTACT COULD BE ESTABLISHED. AT 35/2210Z, HL 12 AND 13 WERE SCRAMBLED ON YACV. HL 12 AND 13 MADE THREE PASSES ON TARGET.

PAGE FIV RUEOBP 9

AIRCRAFT HAD RADAR CONTACT, BUT COULD NOT GET A VISUAL CONTACT.

AT 2120Z, AIRCRAFT WERE BROKEN OFF. AT 25/2115Z, HL 42 (TEST

AIRCRAFT) MADE THREE PASSES ON TARGET. HL 42 HAD RADAR

CONTACT BUT WAS UNABLE TO GET VISUAL CONTACT. AT 2203Z, HL 11

AND 12 WERE SCRAMBLED ON Y467. EACH AIRCRAFT MADE TWO PASSES.

EACH AIRCRAFT HAD RADAR CONTACT BUT WERE UNABLE TO GET A VISUAL.

SECTOR SCRAMBLED US 12 A F-106 FROM LORING, FOR HALF PINT

CONTROL. THE RADIO IN THE F-106 BECAME INOPERATIVE ENROUTE

TO GOOSE AIR BASE, NECESSITATING AN ESCORT FOR THE F-106. THE

DECISION WAS MADE NOT TO HAVE THE F-106 MAKE AN ID PASS THIS

DATE BUT TO HAVE IT AIRBORNE THE FOLLOWING MORNING.

J. BALLOON RELEASED FROM HARMON SHORTLY BEFORE 1800Z, BURST

AT 1815Z WITHIN TWENTY ONE MILES OF HARMON. NORTHERN NORAD

WEATHER OFFICER AND STAFF WEATHER OFFICER AT COLORADO SPRINGS

KNEW OF NO BALLONS IN THIS AREA.

05107

ZCZC 172034Z 9 9

PP RUECISG

ZNA ZPH-1

DUSSEBECOM 49 18

PP RUECISG

DE RUECISG S

ZNR

P 271850Z

Handwritten:
JE (U Fe)
3X14

FM 641 ACW SQ MELVILLE AS LABR

TO RUMGALE/ADC ENT AFB COLO

RUEARM/26 AD STEWART AFB NY

RUCD 38/AIR FORCE SYS COMMAND FOREIGN TECH DIV WRIGHT PATT AFB OHIO

RUEARM/HEADQUARTERS USAF AFOSI WASH 25 DC

RUEARM/SECRETARY OF AIR FORCE SAFOI WASH 25 DC

INFO ZEN/GOOSE AIR DEFENSE SECTION GOOSE AS LABR

BT

UNCLAS 64100P 28 . ATTN : AFOSI , SAFOI

SUBJECT: UFO. THE FOLLOWING INFORMATION IS FORWARDED IN ACCORDANCE WITH PARAGRAPHS 14 AND 16 OF AFI 201-2, DTD 22 JUL 68.

14. BASIC REPORTING DATA AND FORMAT.

A. DESCRIPTION OF THE OBJECTS.

- (1) NORMAL PAINT ON HEIGHT FINDER.
- (2) SIZE APPROXIMATELY 1/4 SIZE OF AIRCRAFT PAINT.
- (3) N/A
- (4) TWO
- (5) TWO MILES APART.

(1) 05/1827.

(2) DAY.

E. LOCATION.

PAGE THREE RUEOSP 9

(1) MELVILLE AIR STATION, LABRADOR.

F. IDENTIFYING INFORMATION ON OBSERVERS.

(1) N/A

(2) MILITARY: AIC JAMES E. CRAVEY, 641 ACN SQUADRON,
APO 677, NY, NY, WPI OPERATOR AND NUMEROUS OPERATIONS
MEMBERS.

G. WEATHER AND WINDS ALOFT CONDITIONS AT TIME AND PLACE OF
SIGHTING.

(1) BROKEN TO OVERCAST CONDITIONS IN THE AREA: BASES 1000-
2000 FEET WITH TOPS 10,000 - 12,000 FEET. PIREP -2000Z
OVER GOOSE AB: BASES 3000 FEET, TOPS 6000-8000 FEET.
SCATTERED CONDITIONS TO NORTH AND OVERCAST TO SOUTH.

(2) WINDS	(TRUE)	TEMPERATURES (CENTIGRADE)
SFC	LGT/VRBL	
3M	262/12	PLUS 6
12M	267/16	MINUS 4
15M	290/19	MINUS 10
24M	252/23	MINUS 16
25M	287/27	MINUS 29
30M	232/27	MINUS 42

641ST AIRCRAFT CONTROL AND WARNING SQUADRON (ADC)

**United States Air Force
APO 677, New York, New York**

**REPLY TO
ATTN OF: 64100P**

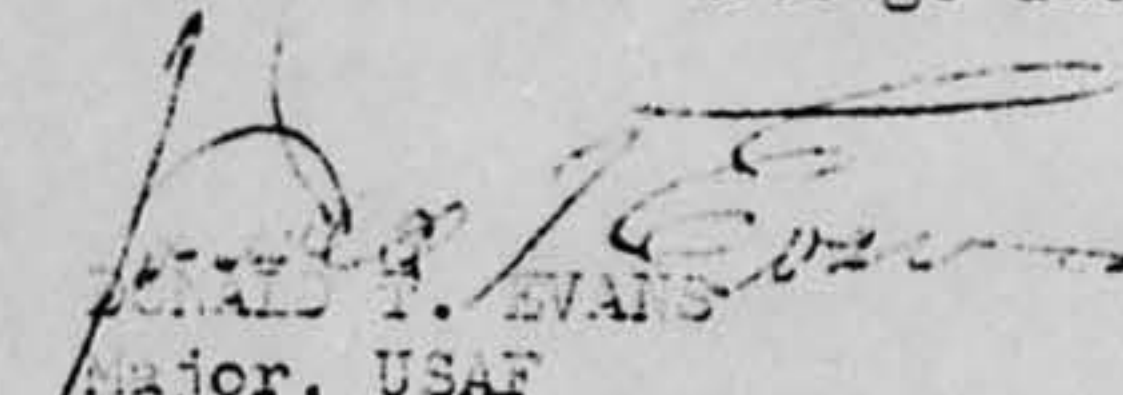
SUBJECT: UFO Photographs

15 August 1963

**VOM Air Force Systems Command
Foreign Technology Division**

**ATTN: TD-E Aerial Phenomena Branch
Wright Patterson AFB, Ohio**

The enclosed eleven (11) negatives and two (2) photographs of each negative are forwarded in accordance with AFR 200-2 paragraph 18a. (1) and 64100P-28 message dated 6 Aug 63.


DONALD F. EVANS
Major, USAF
Ass't Operations Officer

2 ATCH
1. 22 Photographs
2. 11 Negatives

MELVILLE AS LABR (UFO)
1827Z 5 Aug 63

Air Force Systems Command
Foreign Technology Division

ATTN: TD-E Aerial Phenomena Branch
Wright Patterson AFB, Ohio

ATTACH #2