

PROJECT 10073 RECORD CARD

1. DATE 5 Aug 63		2. LOCATION Melville AS, Labrador		12. CONCLUSIONS <input type="checkbox"/> Was Balloon <input checked="" type="checkbox"/> Probably Balloon <input type="checkbox"/> Possibly Balloon	
3. DATE-TIME GROUP Local _____ GMT 05/1827Z		4. TYPE OF OBSERVATION <input type="checkbox"/> Ground-Visual <input checked="" type="checkbox"/> Ground-Radar <input type="checkbox"/> Air-Visual <input checked="" type="checkbox"/> Air-Intercept Radar		<input type="checkbox"/> Was Aircraft <input type="checkbox"/> Probably Aircraft <input type="checkbox"/> Possibly Aircraft	
5. PHOTOS <input checked="" type="checkbox"/> Yes Radar Scope <input 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 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)		

PHOTO SERVICE REQUEST

DATE: 8-21-61

TO: SAC, NEW YORK

FROM: SAC, NEW YORK

SUBJECT: [Faint text]

RE: [Faint text]

PHOTOGRAPHIC REPRODUCTION

NO. OF COPIES: [Faint text]

DATE OF REPRODUCTION: [Faint text]

BY: [Faint text]

FOR: [Faint text]

REMARKS: [Faint text]

641st ACW Squadron (ADC) POSTAGE AND FEES PAID
 APO 677, New York, New York

UNITED STATES AIR FORCE
 OFFICIAL BUSINESS

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					
<input checked="" type="checkbox"/>	Copy	By	<input checked="" type="checkbox"/>	Projection Prints 8X10	By
	Duplicate Negative	By		Continuous Prints	By
	Duplicate Positive	By		Other	By
	Develop	By	<input checked="" type="checkbox"/>	Gloss	<input checked="" type="checkbox"/> 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.					
				TD-D4c WORK ORDER NO. 8-273	
NAME		RANK		DATE	

Aug. 28-63

1. Since visual contact with the target was not made in this case, it is impossible to state with certainty what the cause of 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 ~~gold~~ ^{translucent} (metalized), it might well be next to impossible to see visually, yet would be easily detected by the radars.

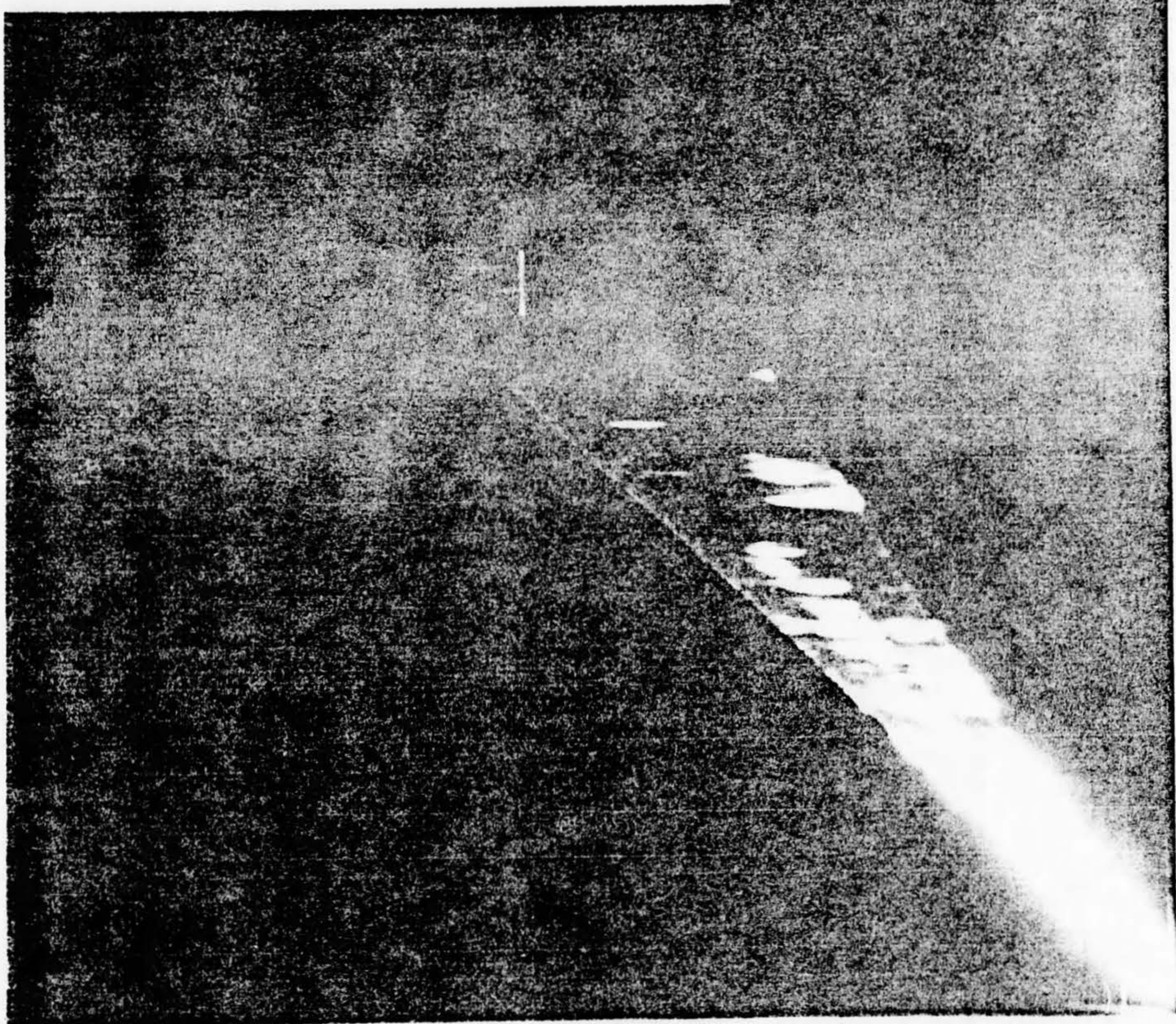
V. D. Bryants

RECEIVED AT L. 20 (JFC)
1872 5 23 63



MONTVILLE AS L BR (UFC)
18272 5 03 63

OT



1
RIVILLE AS LABR (UFC)
13272 5 45 63

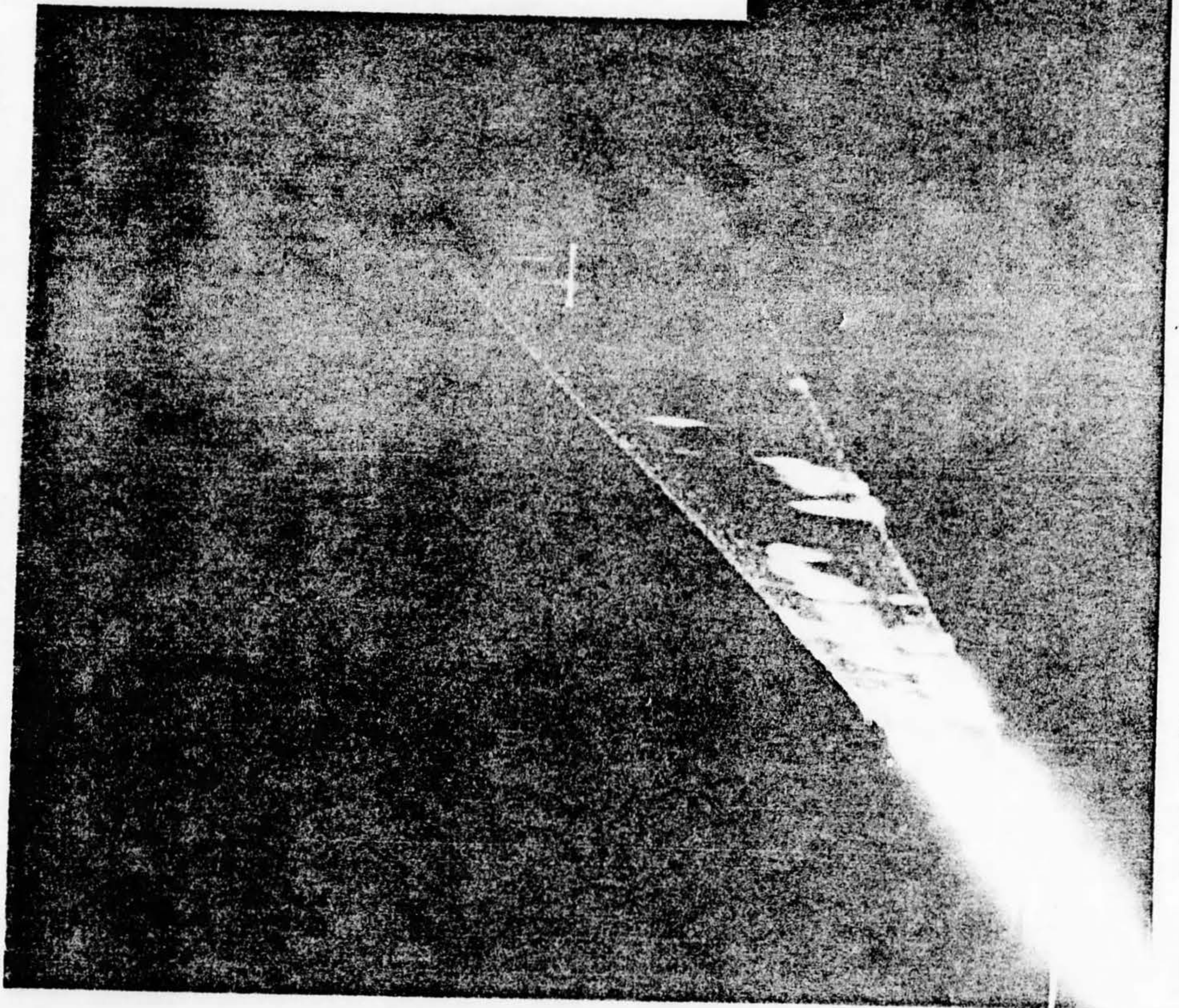
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SAVILLE AS LABR (JPO)
18272 5 Aug 63

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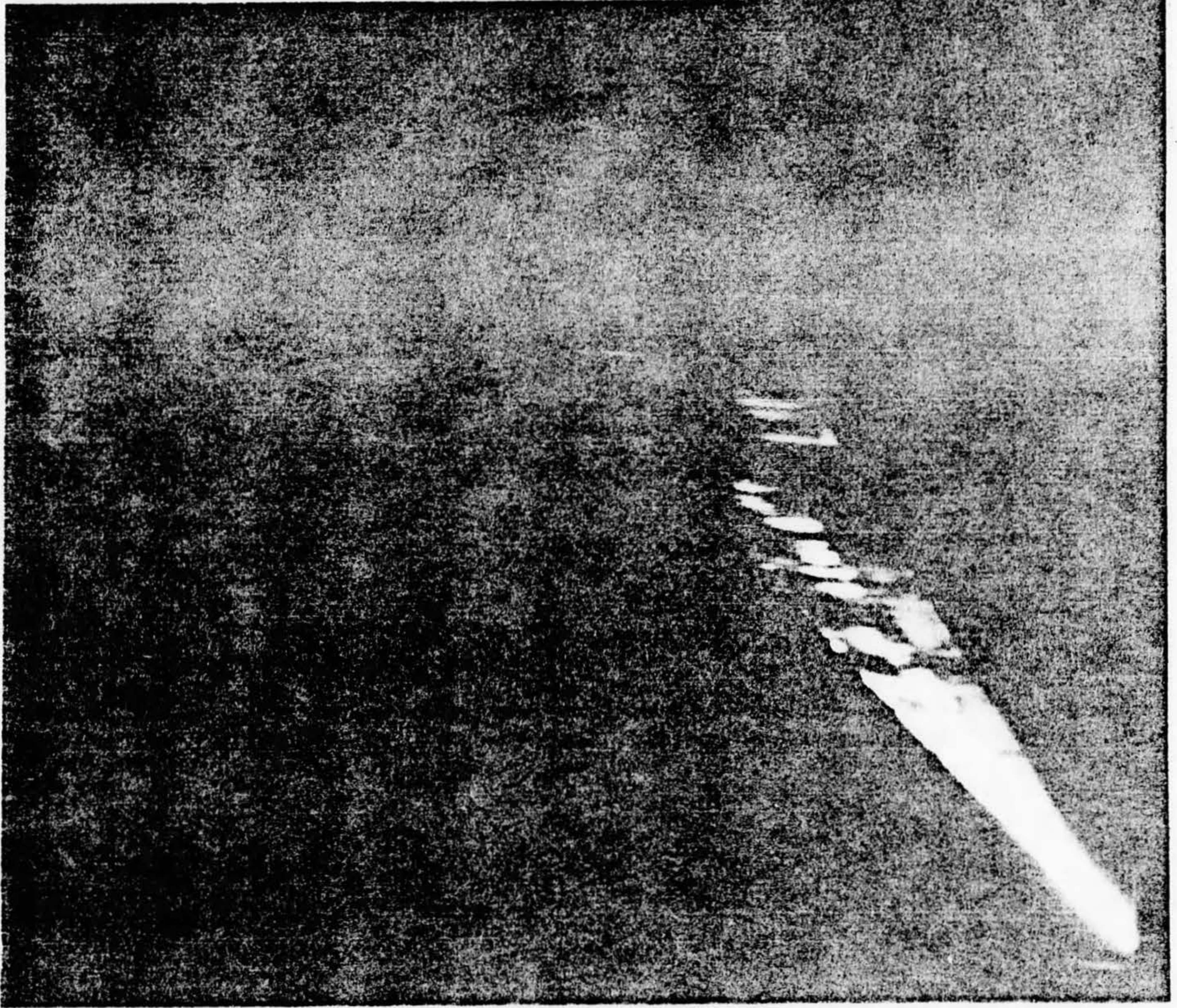


BRIVILLE AS LENS (DIO)
18270 5 Aug 63



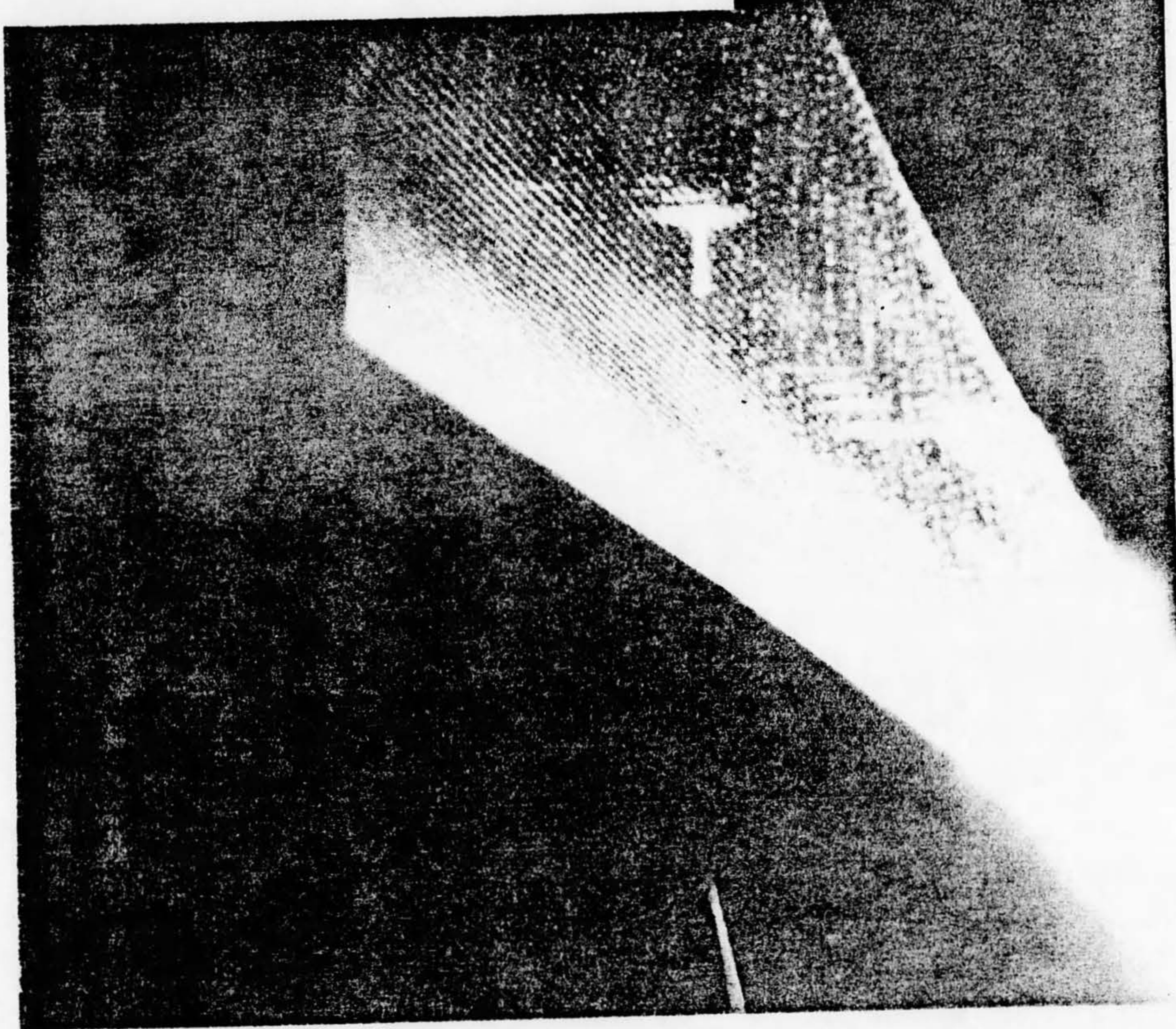
18271.5 (182)
18271.5 182 65

66



MELVILLE AS LASH (UFC)
1827Z 5 Aug 63

LO



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

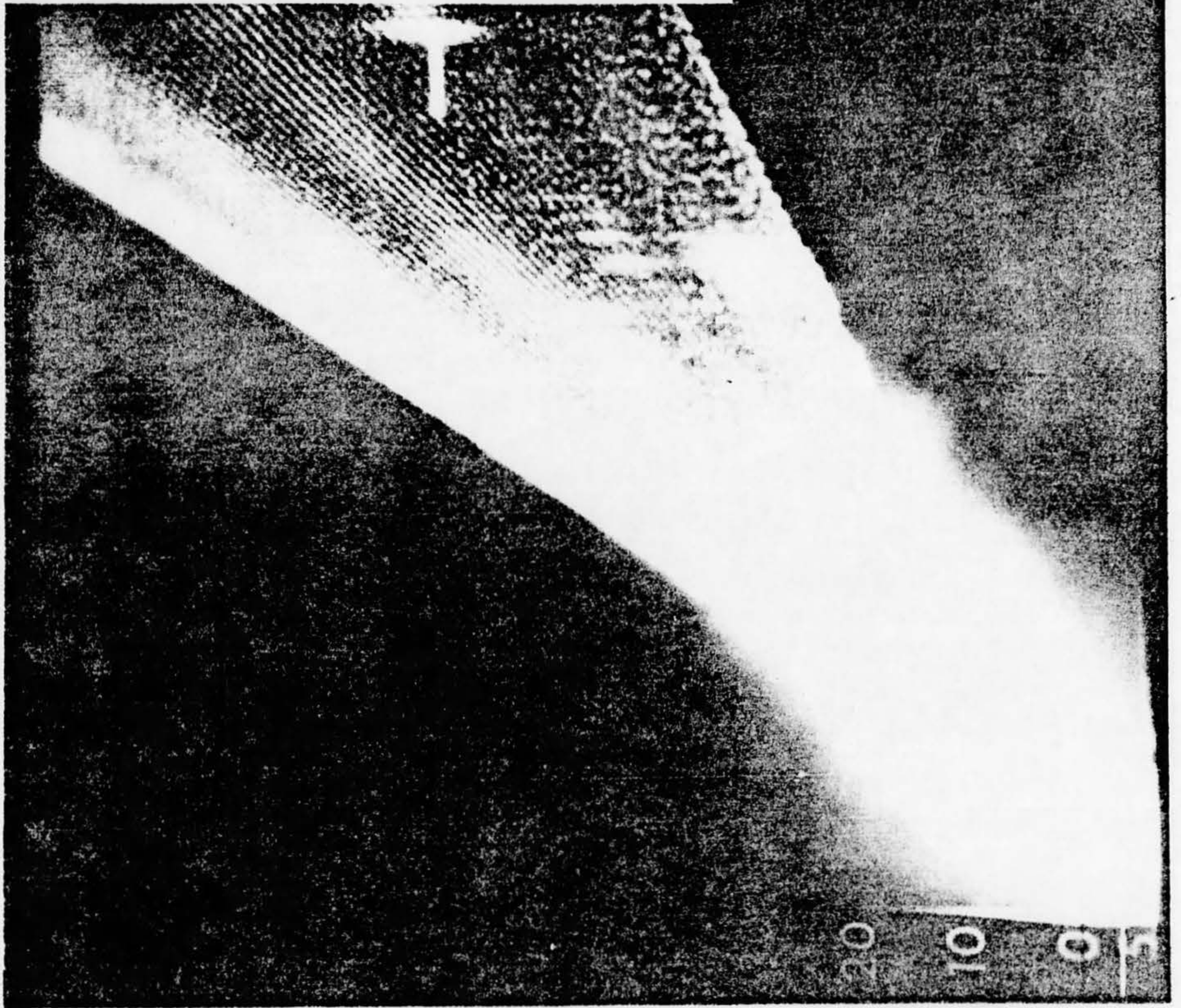
TO: TDEW (Capt Quintanilla)

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 2 48 53

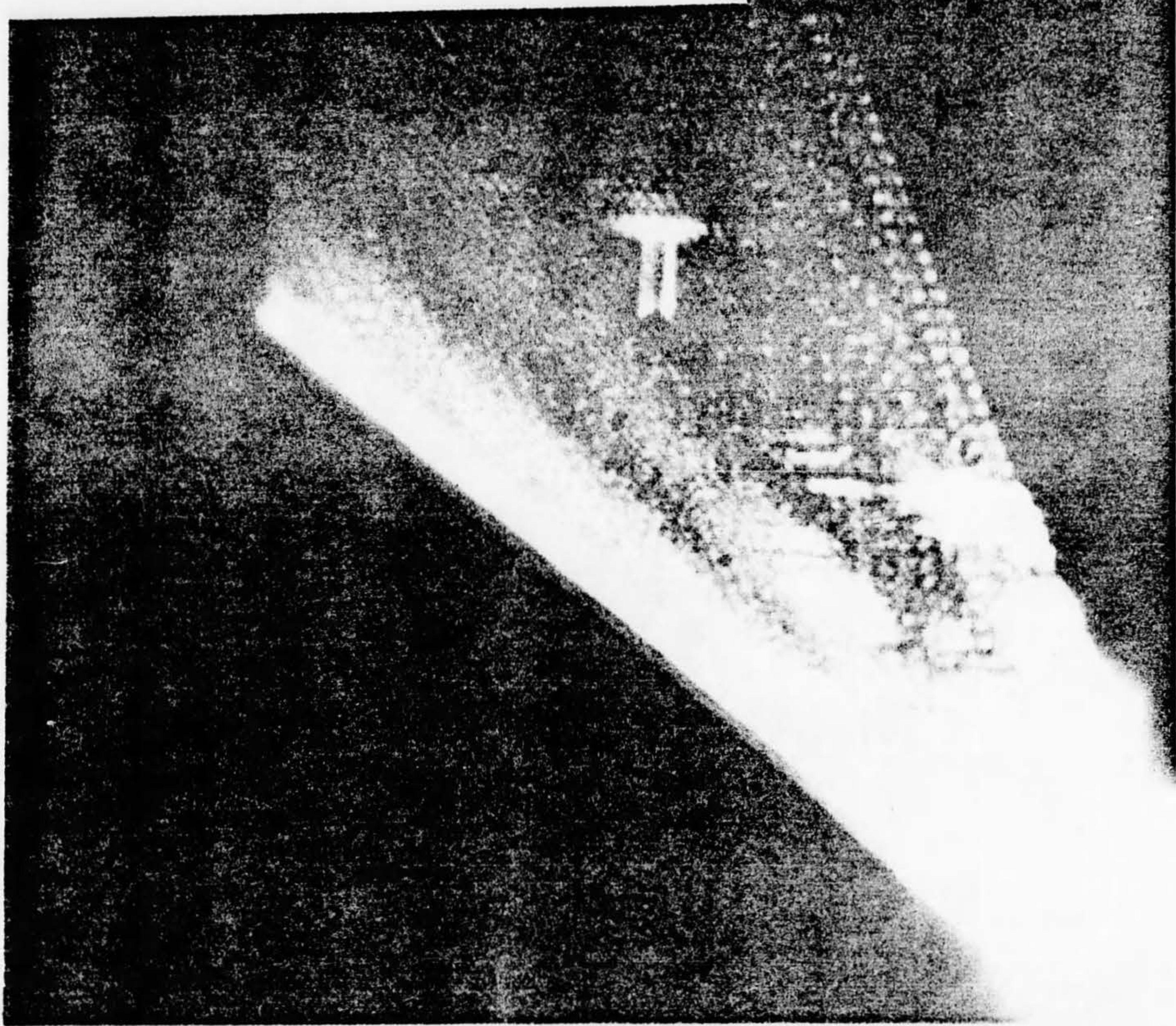
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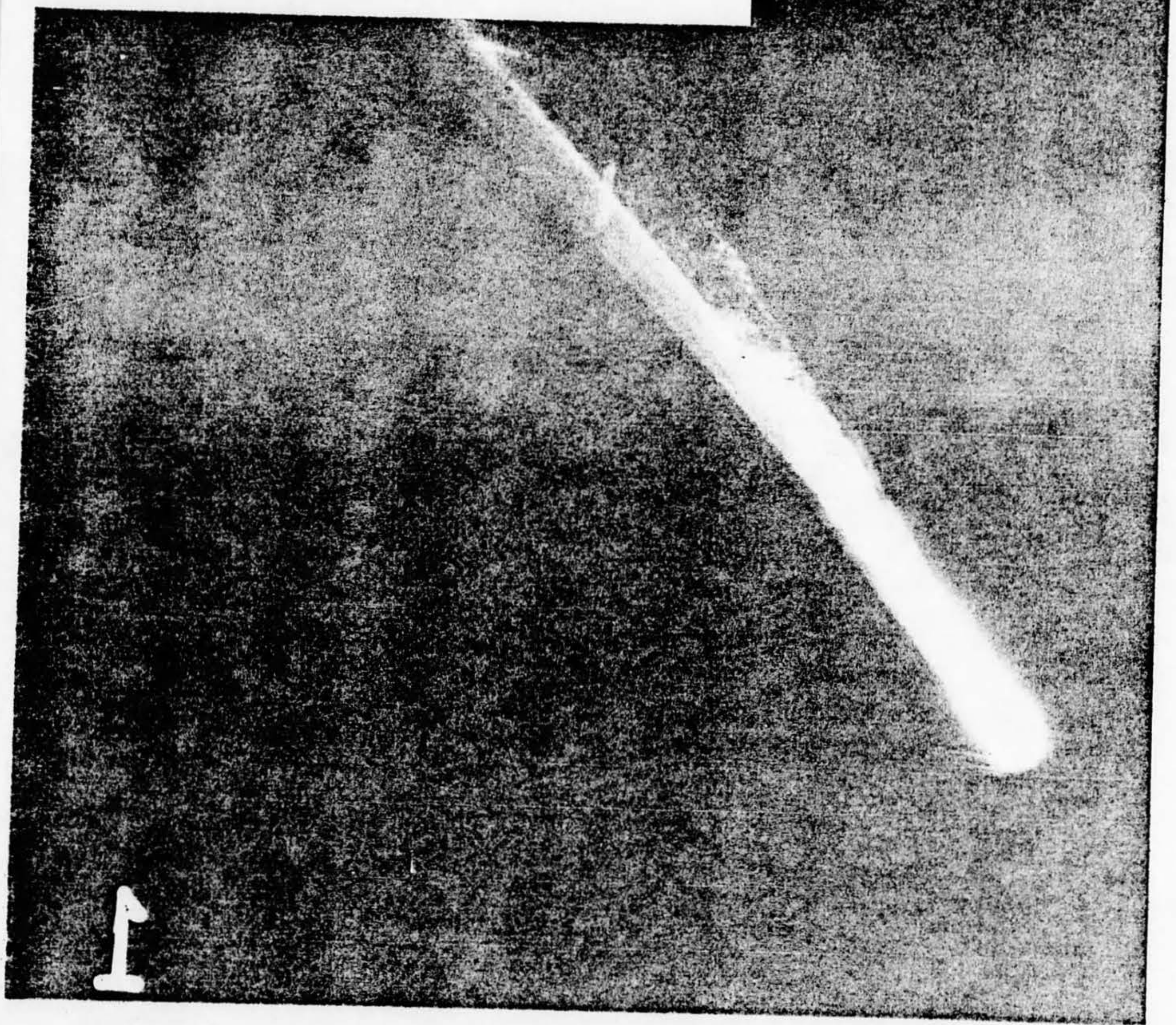
20 10 05

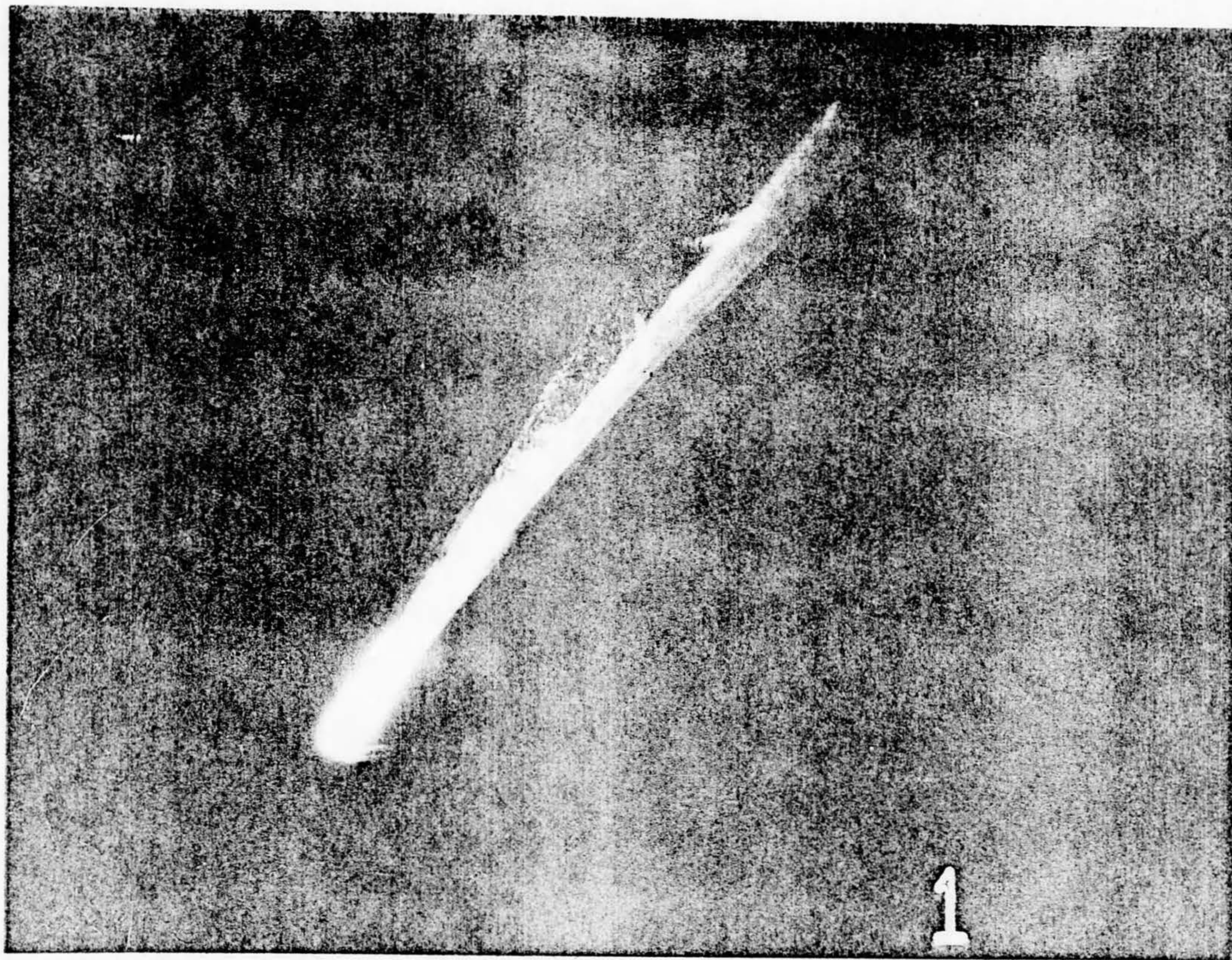
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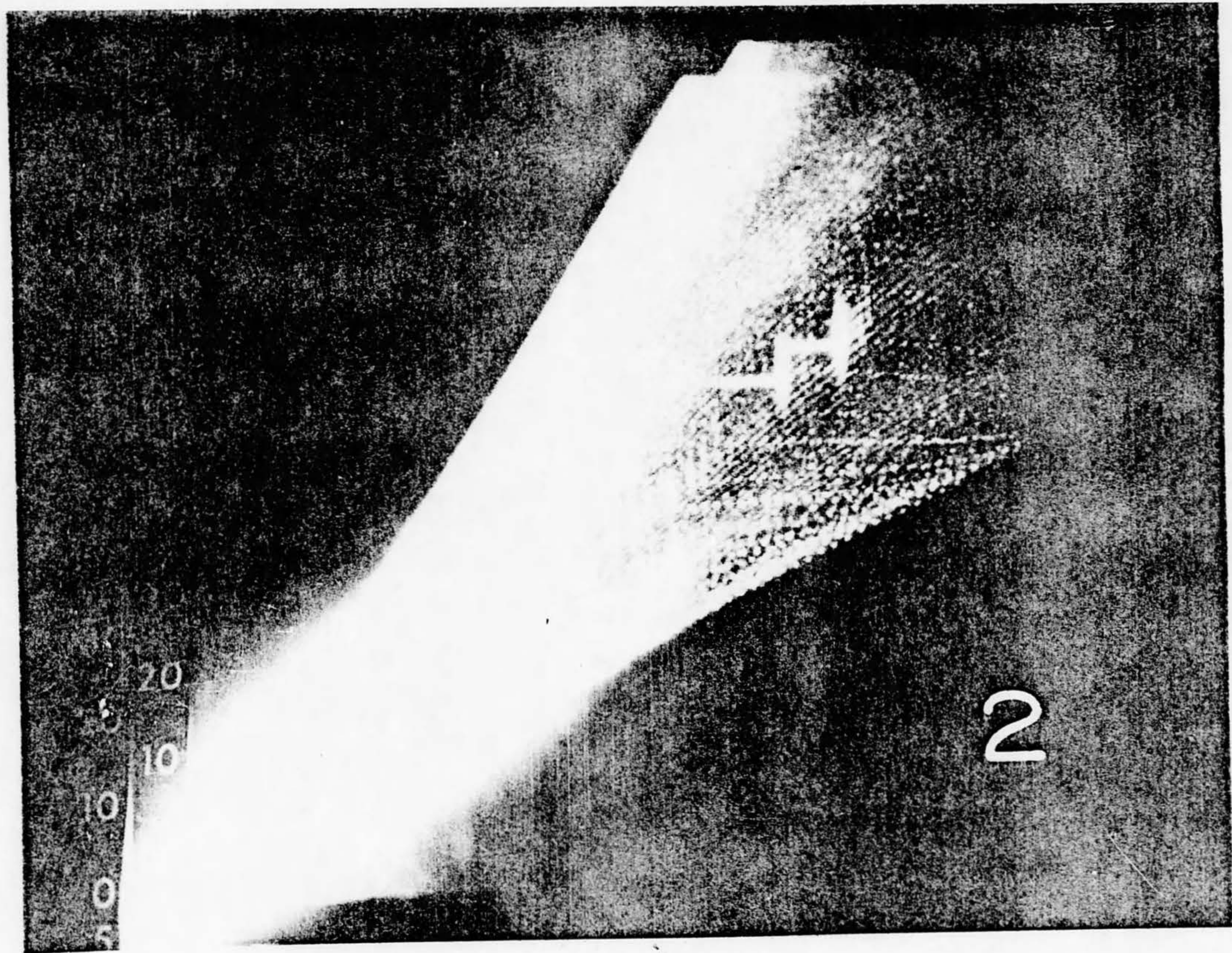
(M)

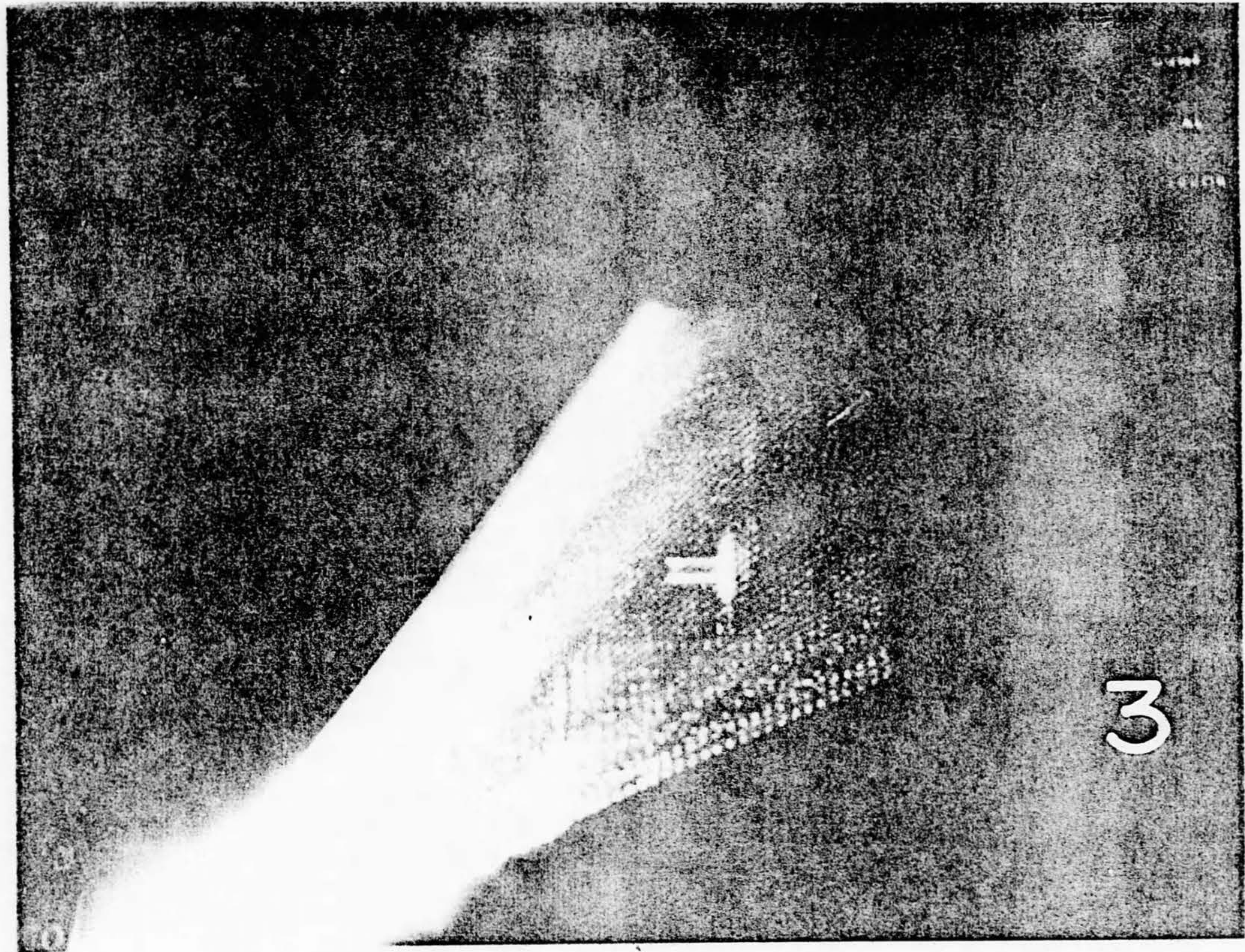


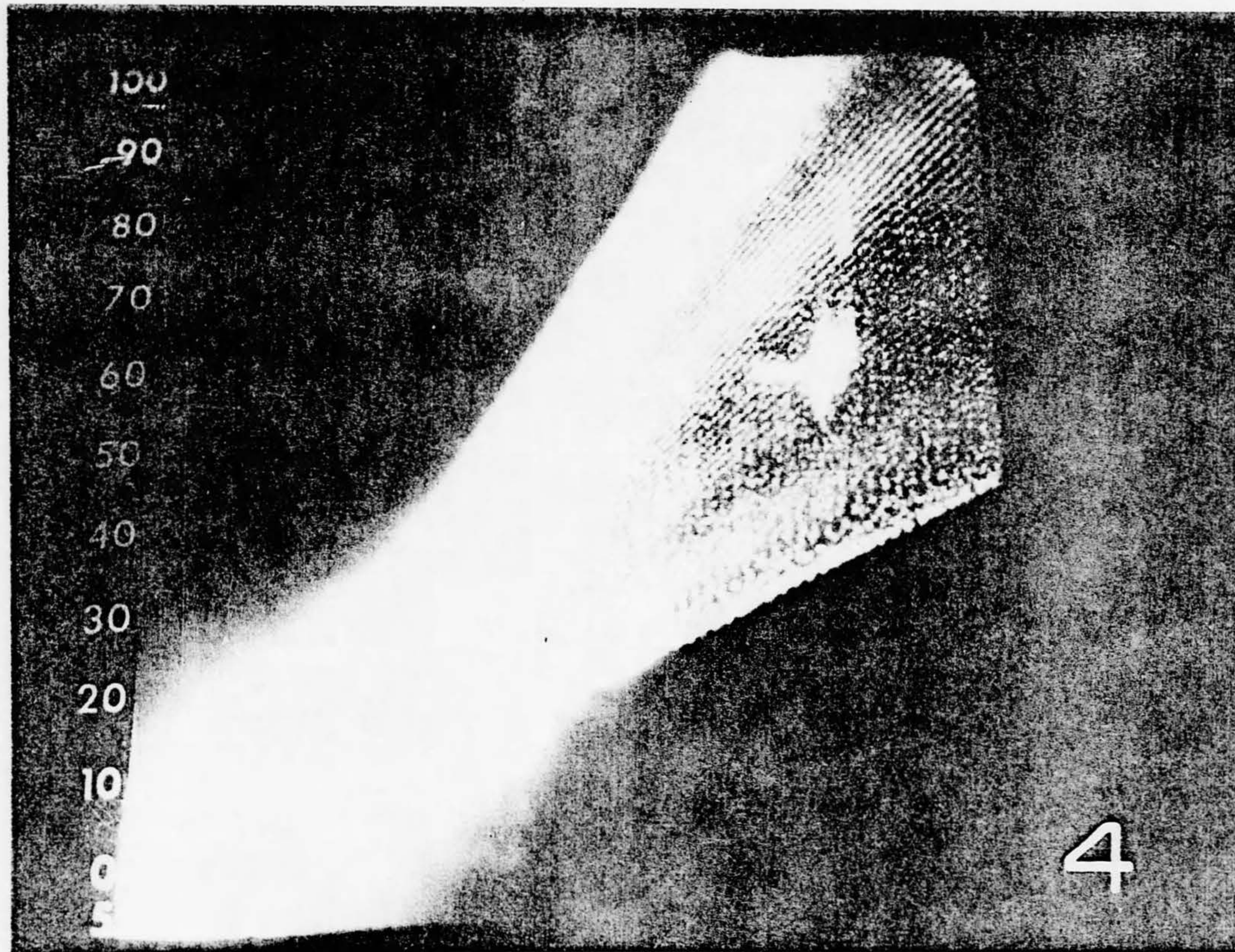
SPRINGFIELD (116)
18272 5 Aug 63

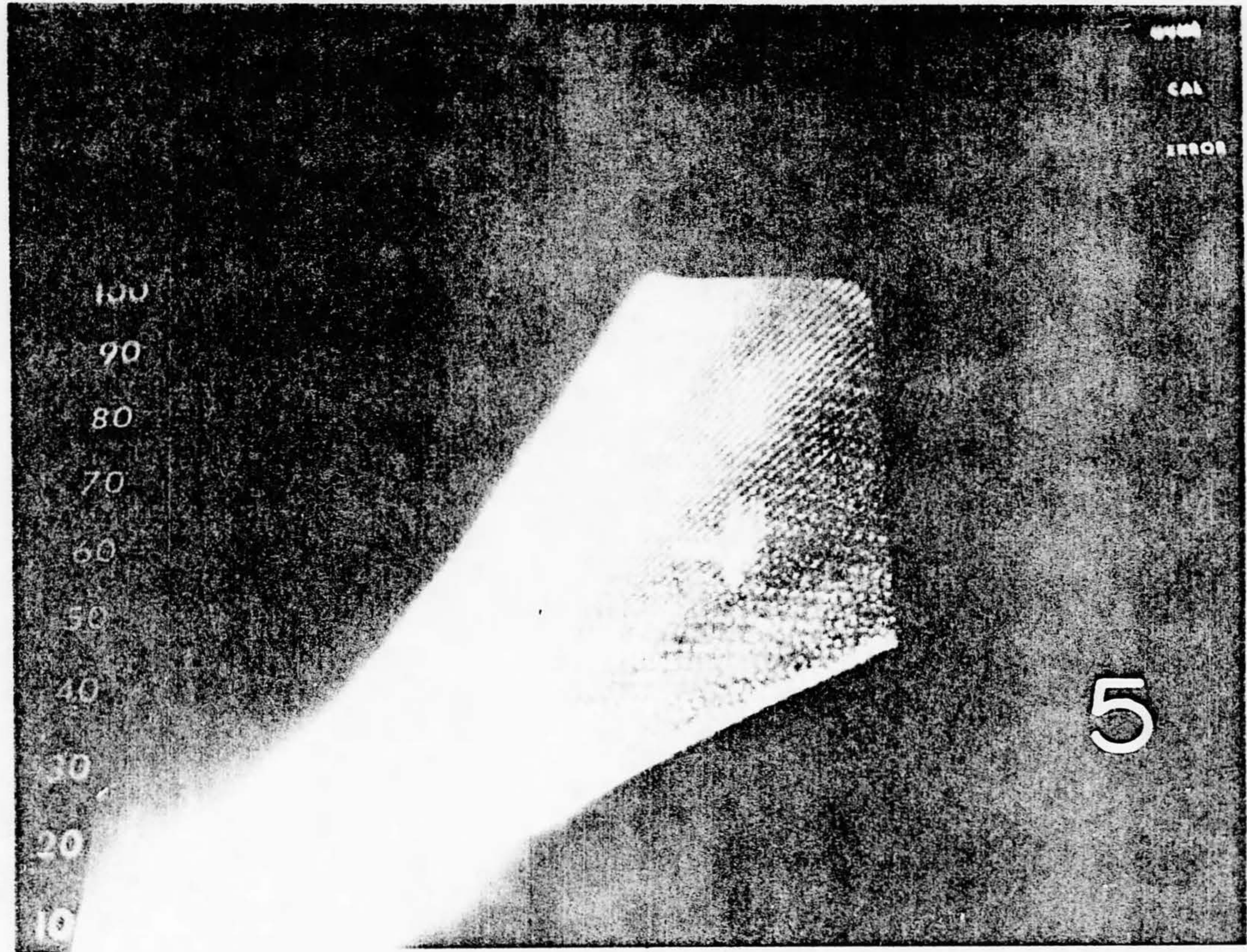


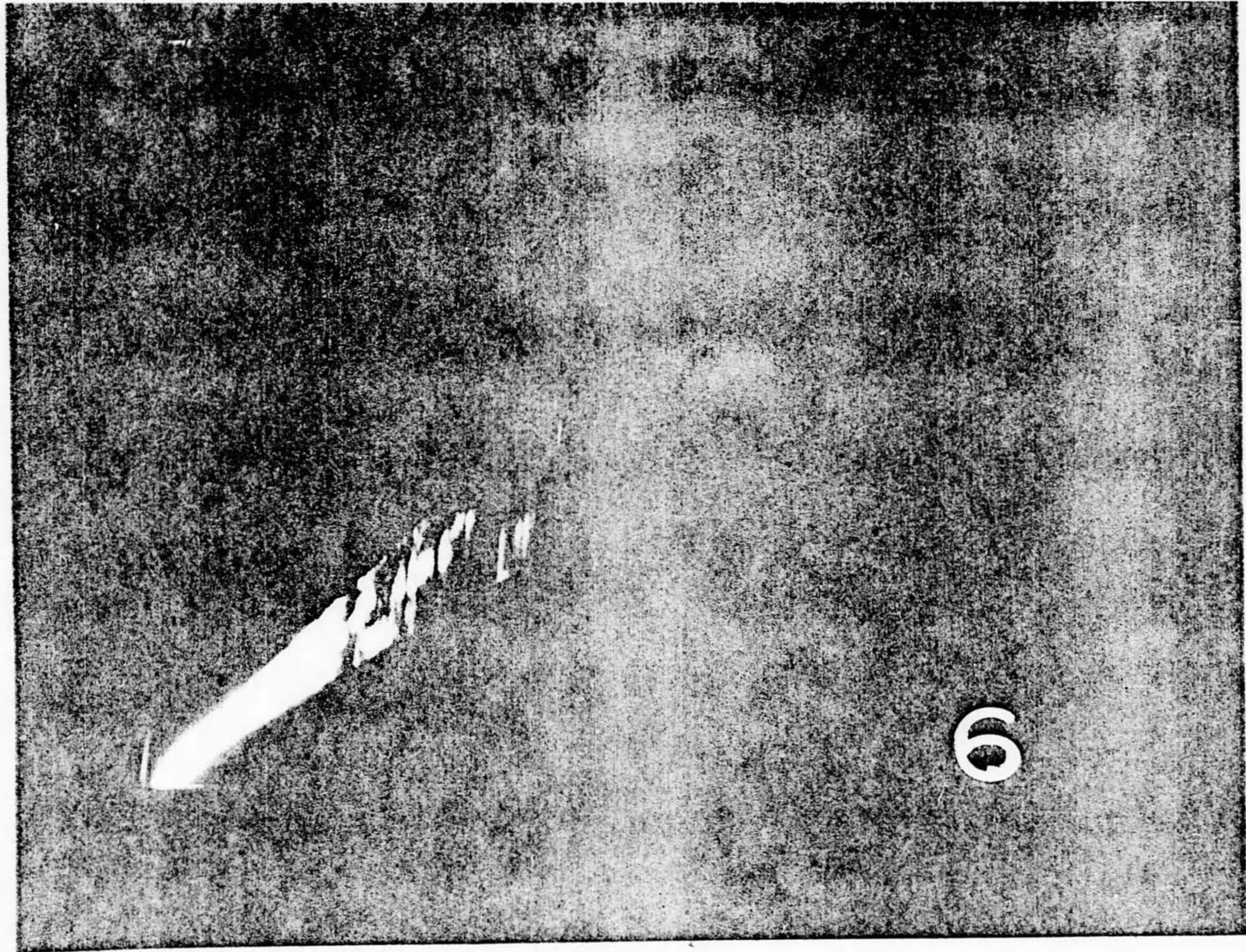


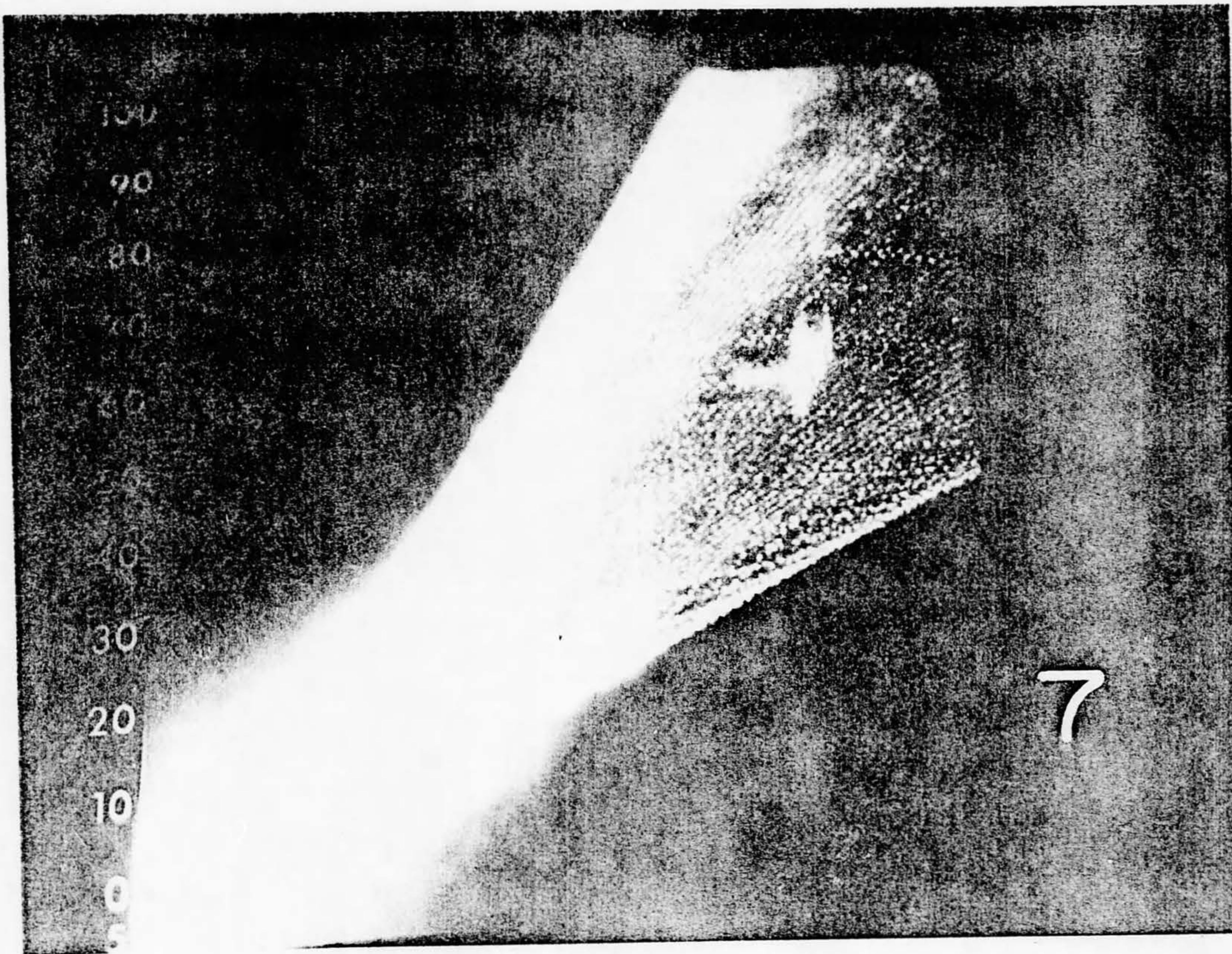




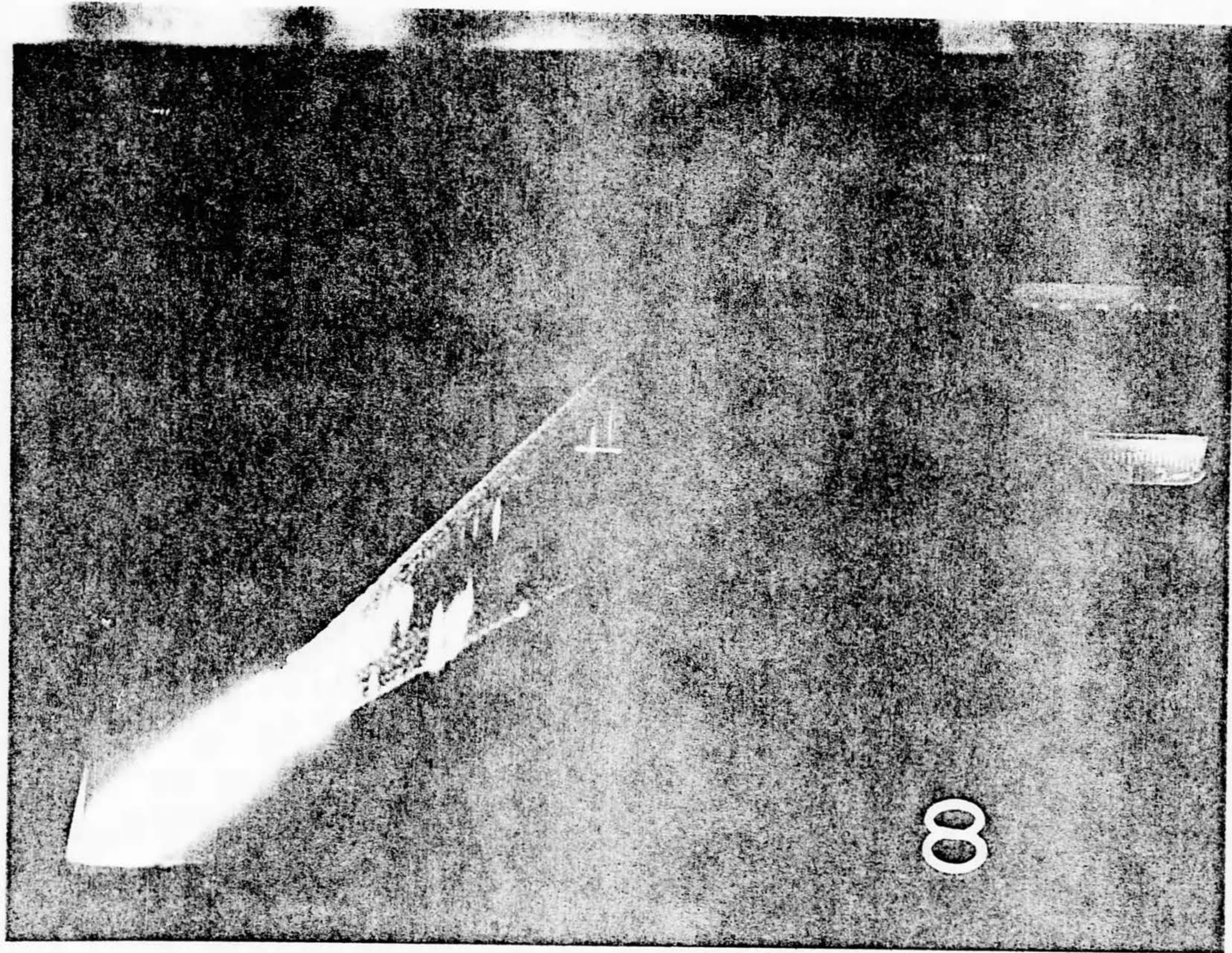


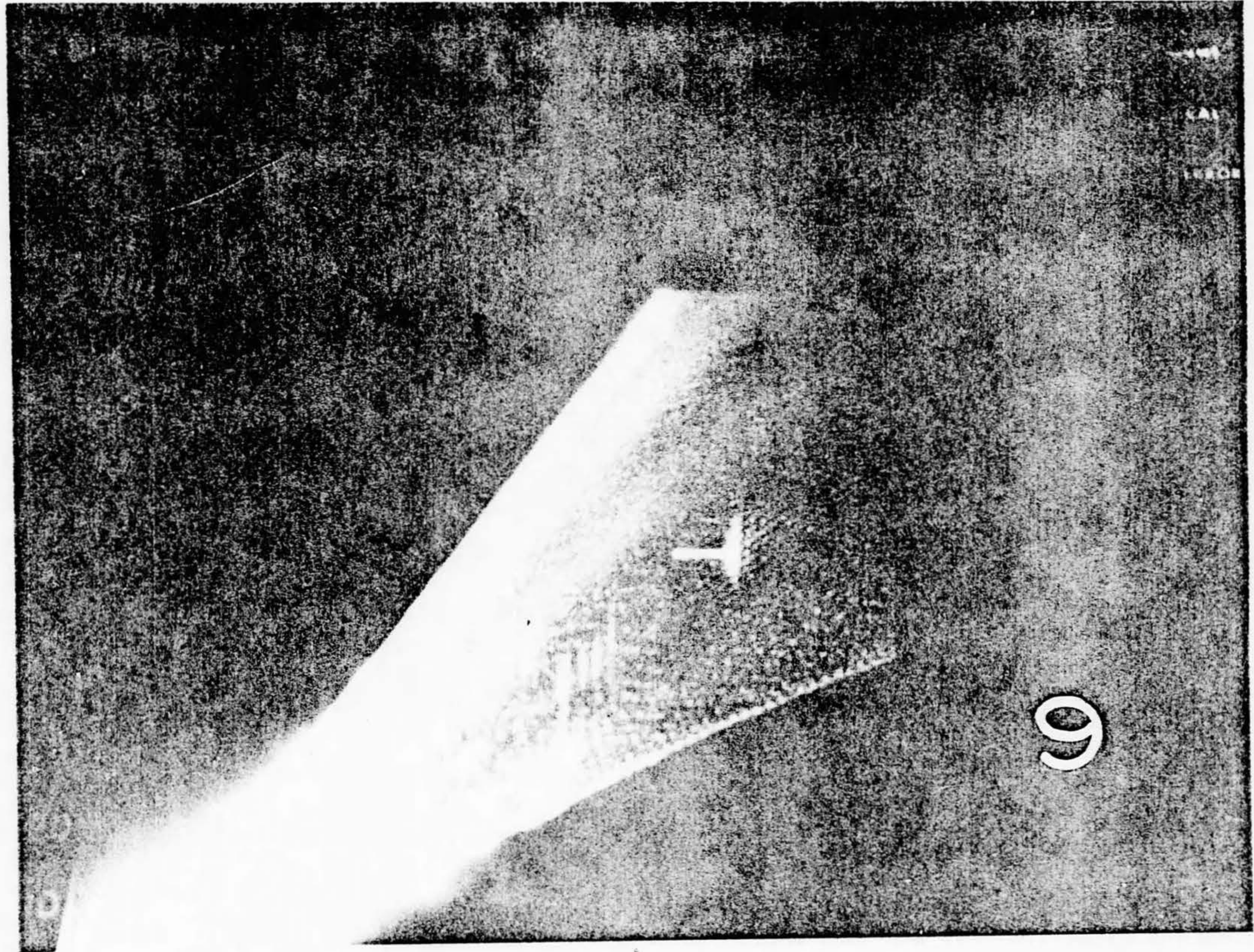


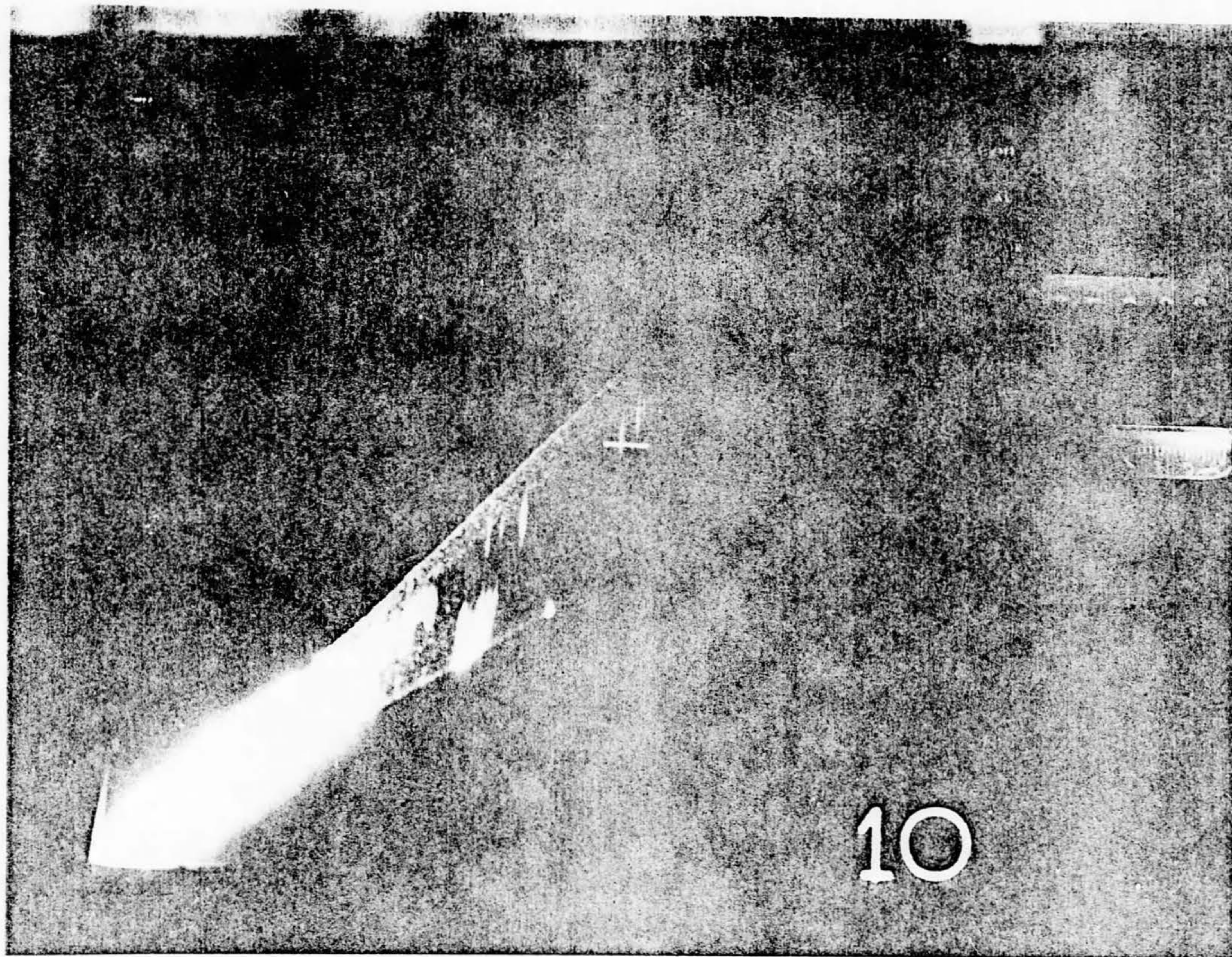


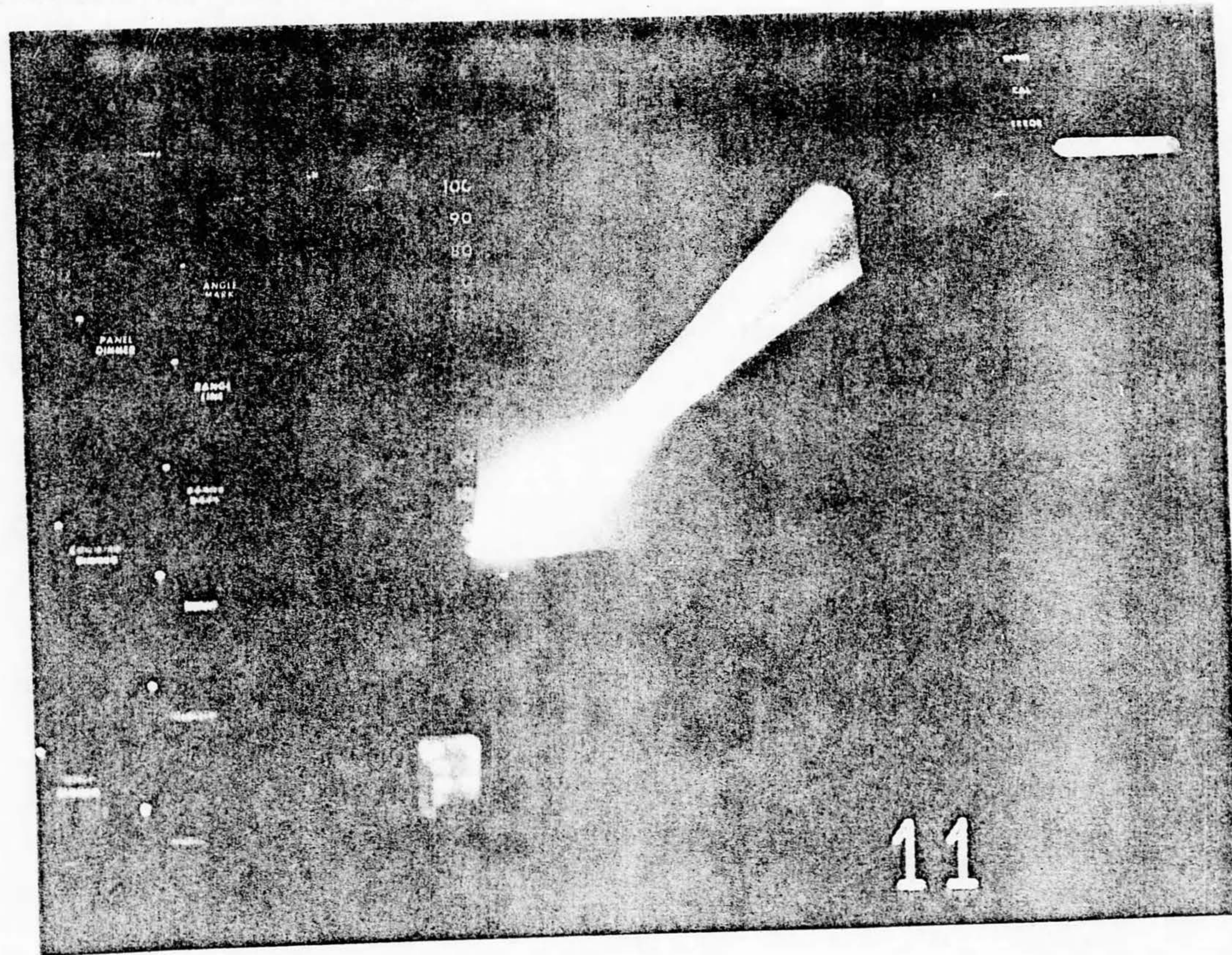


This case includes twenty four (24)
8" x 10" photographs and eleven (11)
4" x 4 1/4" negatives.



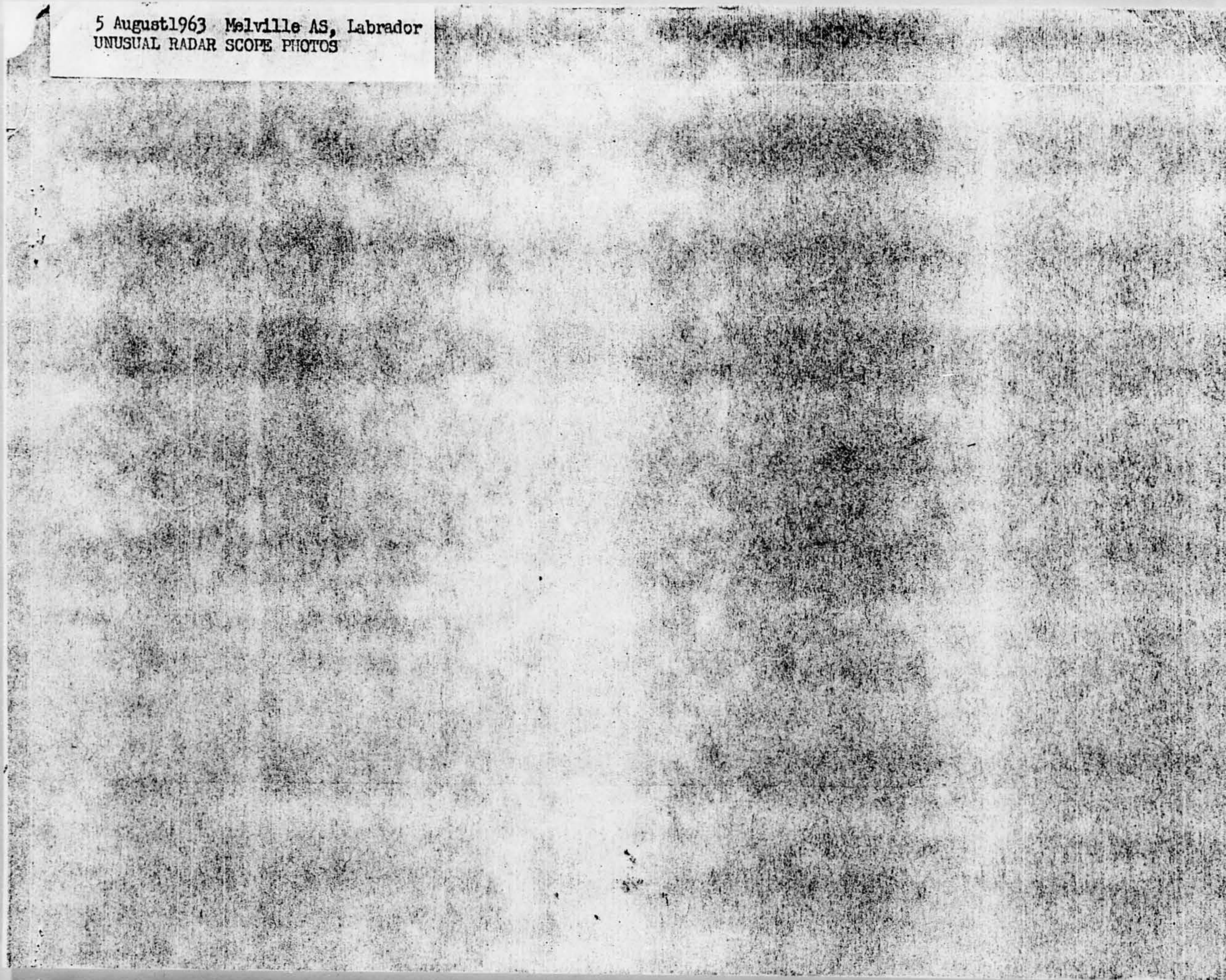






UNCLASSIFIED

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 PHENOMENON. SUBSTANTIATING DOCUMENT AND PHOTOGRAPHS WITH NEGATIVES WILL BE FORWARDED.

BT

77/1931Z AUG RUEOBP

PAGE FOUR RUEOBP 9

35M	MSG	MINUS 55
42M	262/26	MINUS 50
45M	MSG	MINUS 47
52M	337/14	MINUS 50
55M	MSG	MINUS 50
62M	221/76	MINUS 50
1	MSG	MINUS 50
7	184/27	MINUS 48

(3) 112 FEET - 2200 FEET.

(4) SEVEN MILES OR MORE.

(5) 2/1 - 12/12.

(6) 0 1.

(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
I. AT 35/1830Z, A-T-33 WAS AIRBORNE IN THIS VICINITY AT 22,370 FEET. TWO ATTEMPTS WERE MADE AND NO VISUAL CONTACT COULD BE ESTABLISHED. AT 35/2210Z, HL 10 AND 12 WERE SCRAMBLED ON YACV. HL 10 AND 12 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 10 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.

05 137

ZC 0017203Y 9 9

PP BU0180

ZNA ZPH-1

DUSS8320049 18

PP 7U0180

DE RUE018P 9

ZNE

P 271350Z

Handwritten: 2/E (U Fe)
3X14

FM 641 ACW SQ MELVILLE AS LABR

TO RUMGALE/ADC ENT AFB COLO

RUEAKW/26 AD STEWART AFB NY

RUCD38/AIR FORCE SYS COMMAND FOREIGN TECH DIV WRIGHT PATT AFB OHIO

RUEAHQ/HEADQUARTERS USAF AFOSI WASH 25 DC

RUEAHQ/SECRETARY OF AIR FORCE SAFOI WASH 25 DC

INFO ZEN/30084 AIR DEFENSE SECTION 30084 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 20 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) 1/2
- (4) T 2
- (5) TWO MILES APART.

(1) 05/1927.

(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 ACU SQUADRON,
APO 677, NY, NY, FRI 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

TO: 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 H. 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