Incident #265

DATE OF INC 6 Apr 1949

Killeen Base, Texas

ACCURACY Air Force

DATE INVESTIGATED - - -

COLOR Pale Blue - white light

ELEV - - -

ALTITUDE 50° above horizon

LENGTH OF TIME OBSERVED - - -

TYPE OF OBSERVATION Ground

MANEUVERS - - -

Ball-like Flight

Basketball

1

- - -

- - - SKETCHES - - -

Astro(meteor)

Form 329
(Jan 52)

S/I, Office of the AC of S, G-2, Headquarters Fourth Army, Fort Sam Houston, Texas, 16 March 1949, subj, "Unusual Lights"

d. Object sighted:

(1) Number: 1
(2) Shape: Oblong
(3) Size: Described as "about 2 ft by 1 ft"
(4) Color: Pale blue-white light
(5) Speed: Not known
(6) Direction: From N 74° W to N 81° W
(7) Maneuverability: No deviation from course
(8) Altitude: From 6° above horizon to 45' above
(9) Sound: None
(10) Exhaust trail: Sgt Vickery reports none. Pfc Ransom reported a faint pinkish red trail extending about three times the length of the body.

2. From observation point #1 (see attached overlay).

a. Location of point: 914.3 - 855.7; Time: About 2020 hours.

b. Weather: Overcast (see attached weather report).

c. Witnesses: [redacted]
42nd AIB, Company A
Camp Hood, Texas

[redacted]
42 AIB, Company A
Camp Hood, Texas

d. Object sighted:

(1) Number: 1
(2) Shape: Ball like flash
(3) Size: Looked like basketball
(4) Color: Pale blue-white light
(5) Speed: Not known
(6) Direction: N 40° E
(7) Maneuverability: None--was a "fixed flash"
(8) Altitude: 59° above horizon
(9) Sound: None
(10) Exhaust trail: None

DOWNGRADED AT 3 YEAR INTERVALS;
DECLASSIFIED AFTER 12 YEARS.
DOD DIR 5200.10

7-3713-16

[redacted]

[redacted]

UNCLASSIFIED

S/I, Office of the AC of S, G-2, Headquarters Fourth Army, Fort Sam Houston, Texas, 16 March 1949, subj, "Unusual Lights"

(11) Remarks: This observer is a Harvard graduate. Used stars to mark bearing and elevation of sighting. Stated he had never seen anything like this phenomena before.

2. From observation point #2 (see attached overlay).

a. Location: 915.1 - 856.1; Time: 0115 - 0130 hours.

b. Weather: Clear (see attached weather report).

c. Witness: Pvt [redacted]
42nd AIB, Company A
Camp Hood, Texas

d. Object sighted:

(1) Number: 1
(2) Shape: Like flash bulb
(3) Size: Basketball
(4) Color: Bright blue-white
(5) Speed: None
(6) Direction: N 16° W
(7) Maneuverability: None--fixed flash
(8) Altitude: 27° 30' above horizon
(9) Sound: None
(10) Exhaust trail: None.

3. From observation point #5 (see attached overlay).

a. Location: 914.6 - 856.7; Time: 0130 - 0200 hours.

b. Weather: Clear (see attached weather report).

c. Witnesses: Pvt [redacted]
42nd AIB, Company A
Camp Hood, Texas

Pvt [redacted]
42nd AIB, Company A
Camp Hood, Texas

d. Object sighted:

(1) Number: 1
(2) Shape: Ball like flash
(3) Size: Like flash bulb
(4) Color: Bluish white

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DECLASSIFIED AFTER 12 YEARS.
DOD DIR 5200.10

UNCLASSIFIED

[redacted]

[redacted]

UNCLASSIFIED

S/I, Office of the AC of S, G-2, Headquarters Fourth Army, Fort Sam Houston, Texas, 16 March 1949, subj, "Unusual Lights"

3. From observation point #3 (see attached overlay).

a. Location: 914.5 - 856.1; Time: About 2045 hours.

b. Weather: Overcast (see attached weather report).

c. Witness: [redacted]
42nd AIB, Company A
Camp Hood, Texas

d. Object sighted:

(1) Number: 1
(2) Shape: Roundish head with trail
(3) Size: About 10° in length
(4) Color: Light colored head, orange trail
(5) Speed: Not known
(6) Direction: From S 81° W to S 60° W
(7) Maneuverability: No deviation from course
(8) Altitude: From 21° above horizon to 6° 31' above
(9) Sound: None
(10) Exhaust trail: Orange trail about 10° long
(11) Remarks: Appeared to be going over Q area

Observations on 7 March 1949:

1. From observation point #1 (see attached overlay)

a. Location: 914.3 - 855.7; Time: 0115 hours.

b. Weather: Clear (see attached weather report).

c. Witness: [redacted]
42nd AIB, Company A
Camp Hood, Texas

d. Object sighted:

(1) Number: 1
(2) Shape: Like flash bulb
(3) Size: Flash bulb
(4) Color: Brilliant blue-white
(5) Speed: None
(6) Direction: N 40° E
(7) Maneuverability: None--fixed flash
(8) Altitude: 66° 15' above horizon
(9) Sound: None
(10) Exhaust trail: None

DOWNGRADED AT 3 YEAR INTERVALS
DECLASSIFIED AFTER 12 YEARS.
DOD DIR 5200.10

UNCLASSIFIED

[redacted]

S/I, Office of the AC of S, G-2, Headquarters Fourth Army, Fort Sam Houston, Texas, 16 March 1949, subj, "Unusual Lights"

d. Object sighted:

(1) Number: 1
(2) Shape: Roundish head with hazy smoke trail.
(3) Size: Not known
(4) Color: Pale white light at head
(5) Speed: Not known
(6) Direction: From S 58° E to S 54° E
(7) Maneuverability: No deviation
(8) Altitude: From 58° above horizon to 54° above
(9) Sound: None
(10) Exhaust trail: Left hazy white smoke trail
(11) Remarks: Travelled in arc and visible "long enough to snap your fingers."

2. From observation point #4 (see attached overlay).

a. Location: 914.6 - 856.7; Time: About 0103.

b. Weather: Clear (see attached weather report).

c. Witness: [redacted]
Company A, 42nd AIB
Camp Hood, Texas

d. Object sighted:

(1) Number: 1
(2) Shape: Lemon with tail
(3) Size: Not known
(4) Color: Pale reddish nose, whitish red trail
(5) Speed: Not known, but very fast
(6) Direction: From N 56° W to S 64° W
(7) Maneuverability: No deviation
(8) Altitude: From 15 above horizon at beginning and end of arc.
(9) Sound: None
(10) Exhaust trail: Whitish red trail
(11) Remarks: Good observer. Stated that "light" started from point above horizon then arced upward and down to 15° when it disappeared. Was perfect arc. He was able to run 10 paces toward field telephone to report light before it vanished.

The following incident may or may not be connected: At about 1930 hours on 7 March 1949, a flashlight was seen moving about the Q Area fence line near the air strip. It could not be told by the observer whether the light was within or

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DECLASSIFIED AFTER 12 YEARS.
DOD DIR 5200.10

[redacted]

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S/I, Office of the AC of S, G-2, Headquarters Fourth Army, Fort Sam Houston, Texas, 16 March 1949, subj, "Unusual Lights"

(5) Speed: Not known
(6) Direction: S 20° W
(7) Maneuverability: None--fixed flash
(8) Altitude: 26° above horizon
(9) Sound: None
(10) Exhaust trail: None

4. From observation point #7 (see attached overlay)

a. Location: 909.0 - 856.9; Time: 0145 hours.

b. Weather: Clear (see attached weather report).

c. Witness: [redacted]
1st Provost Security Sq
Camp Hood, Texas

d. Object sighted:

(1) Number: 1
(2) Shape: Teardrop
(3) Size: "About 2 ft by 1 ft"
(4) Color: Orange
(5) Speed: Not known
(6) Direction: N 60° E
(7) Maneuverability: No deviation
(8) Altitude: 4 when first seen--dropped vertically
(9) Sound: None
(10) Exhaust trail: None
(11) Remarks: Witness said this "light" dropped vertically to ground and disappeared behind trees directly in front of him. In view "about 2 seconds."

Observations on 8 March 1949:

1. From observation point #1 (see attached overlay).

a. Location: 914.3 - 855.7; Time: About 0103 hours.

b. Weather: Clear (see attached weather report).

c. Witness: [redacted]
42nd AIB, Company A
Camp Hood, Texas

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DECLASSIFIED AFTER 12 YEARS
DOD DIR 5200.10

UNCLASSIFIED

[redacted]

HEADQUARTERS FOURTH ARMY
FORT SAM HOUSTON, TEXAS

452.1 AFIDB 17 March 1949

SUBJECT: Unusual Lights

TO: Director of Intelligence
General Staff, United States Army
Washington 25, D. C.

540808

The attached Summary of Information, this office, subject as above, 16 March 1949, re reports of "lights" observed over Long Island, Texas, is forwarded for your information and any action deemed necessary.

FOR THE COMMANDING GENERAL:

1 Incl
As stated w/Exhibits I, II, III, and IV

EUSTIS L. POLAND
Colonel, GSC
AC of S, G-2

without the fence. The Security Officer of Site Baker is investigating. He stated the light was not carried by any of the AFSWP personnel.

Investigation continues in an effort to determine cause of the "lights." Last information is that 32 trip flares have been put into the general area by the 2nd Armored Division and that some may have been set off by wild animals. Subsequent summary will be rendered when more exact evidence on flares is obtained. It is presently known, however, that these flares explode on the ground and do not shoot into the air.

No conclusion is drawn from the data on attached overlay other than to note that the "lights" form a rough circle about the "Q" Area. Copy of surface weather observations for Camp Hood on the 6, 7, and 8 March 1949 are attached as a possible aid in analysis. This report covers only day hours since the USAF weather service at Camp Hood closes at 1700 hours and opens at 0730 hours.

(B-2)

EXHIBIT I - Overlay, Tank Destroyer Center, Camp Hood, Texas
EXHIBIT II - Weather Report, 6 March 1949, Camp Hood, Texas
EXHIBIT III - Weather Report, 7 March 1949, Camp Hood, Texas
EXHIBIT IV - Weather Report, 8 March 1949, Camp Hood, Texas

DOWNGRADED AT 3 YEAR INTERVALS;
DECLASSIFIED AFTER 12 YEARS.
DOD DIR 5200.10

[redacted]

SUMMARY OF INFORMATION

DATE
16 March 1949

PREPARING OFFICE
Office of the AC of S, G-2, Headquarters Fourth Army, Fort Sam Houston, Texas

SUBJECT

Unusual Lights
452.1 AKADB

CODE FOR USE IN INDIVIDUAL PARAGRAPH EVALUATION

OF SOURCE:		OF INFORMATION:	
COMPLETELY RELIABLE	A	CONFIRMED BY OTHER SOURCES	1
USUALLY RELIABLE	B	PROBABLY TRUE	2
FAIRLY RELIABLE	C	POSSIBLY TRUE	3
NOT USUALLY RELIABLE	D	DOUBTFULLY TRUE	4
UNRELIABLE	E	IMPROBABLE	5
RELIABILITY UNKNOWN	F	TRUTH CANNOT BE JUDGED	6

SUMMARY OF INFORMATION

Following is an interim summary predicated on request of the Fourth Army Liaison Officer at Sandia Base for this headquarters to investigate and report on "fireball" phenomena reported to the Commanding General, Sandia Base, by AFSWP installation at Camp Hood, Texas. Report stated that several sightings of unusual "light" phenomena in the atmosphere above Site Baker (Q Area) had been made by security personnel there during the period 6 - 8 March 1949.

AT CAMP HOOD, it was determined that this type of phenomena, hitherto unreported from the Camp Hood Area, has the same general characteristics of the phenomena observed during the past several months at Sandia Base. Because observers were in different locations and some were not certain as to time, it is possible that observation reported within the same hour on the same date are duplications. It should be noted that none of the observers had been instructed to look for or report any sort of atmospheric phenomena. All stated without equivocations that they had never before seen anything resembling the reported phenomena. All claimed to have seen "falling stars" nearly every night on the Camp Hood Reservation; but all were emphatic in stating that this phenomena was quite different. All men were interrogated separately and had no advance notice that they would be questioned. After the interrogation they were taken to the spot where the observations had been made. These points were numbered and then plotted on map, Camp Hood and vicinity, 1/62 500 1943. Overlays have been made and a copy is hereto attached. The observer was then told to aim a surveying instrument, brought along for the purpose, at the celestial points of origin and of termination of the phenomena. Vertical angles and magnetic azimuth of each point was then recorded. In most cases, the observer was able to fix azimuths by some terrain features. Vertical angles were of course estimated except where elevations of observations coincided with ridge or tree lines.

Observations on 6 March 1949:

1. From observation point #6 (see attached overlay)

a. Location of point: 909.7 - 857.5; Time: 2100 hours.

b. Weather: Overcast (see attached weather report).

c. Witnesses: Sgt [redacted]
1st Provost Security Sq
Killeen Base, Camp Hood, Texas

Pfc [redacted]
1st Provost Security Sq
Killeen Base, Camp Hood, Texas

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DOD DIR 5200.10

DISTRIBUTION 1-DI, GSUSA; 2-CG, Sandia Base; 1-OSI, Kirtland AFB; File.

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Ltr 4-5557

WD AGO FORM 1 JUN 47 568

U. S. GOVERNMENT PRINTING OFFICE 16—63396-1

[redacted]

[redacted]

UNCLASSIFIED

21

BASIC: Letter, Headquarters Fourth Army, 17 March 1949, subject, "Unusual Lights"

File No: 24-8 2nd Ind DR/JLB/web

Headquarters 17th District Office of Special Investigations (IG) USAF, Kirtland Air Force Base, Kirtland Field, New Mexico, 31 March 1949

TO: Commanding General, Air Materiel Command, Wright-Patterson Air Force Base, Dayton, Ohio, ATTN: MCIAXC-3

Forwarded for your information.

5 Incls
n/c

DOYLE REES
Lt Col, USAF
District Commander

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DOD DIR 5200.10

UNCLASSIFIED

[redacted]

5-29071

TRANSMITTAL RESTRICTED IR AMC FORM NO. 9 (9 FEB. 48) SUPERCEDES AMC 80-[illegible] AND 80-508

FROM: CAGD021 DATE 4/4/49 HOUR 1450 IDENTIFICATION NUMBER S-29071

COMING	X	INTER-OFFICE			OUTGOING		COMPLETE FILE COPY		INCOMPL. FILE COPY		NO FILE COPY	

FROM: OIT Spec Invest, Kirtland, TO: CG ARC Attn: IAXO-3

REG. NO. 44373 AFB, N.M.

DESCRIPTION, DATES AND SUBJECT:

Sealed env. (Unopened) 2 Ind (3-4p) 3/31/49

Subj. Unusual Lights

INCLOSURES: #1 Summ of Inf (1-7p) #2 Exhibit I (1-1p) #3 Exhibit II (1-1p) #4 Exhibit III(1-1p) #5 Exhibit IV)1-1p) Received on S-29071 #6 Receipt (1-1p) Uncl

U. S. G. P. O.: 1948 - 799959

TO: (OFFICE SYMBOL)	COPY NO.	REC'D BY (FULL SIGNATURE)	DATE REC'D	HOUR
1 IGIX				
TO: 2 IAXO-3	COPY NO.	REC'D BY	DATE REC'D	HOUR
TO: 3	COPY NO.	REC'D BY	DATE REC'D	HOUR
TO: 4	COPY NO.	REC'D BY	DATE REC'D	HOUR

RESTRICTED

[redacted]

This document consists of 1 Page.
No. 1 of 5 copies, Series B.

UNCLASSIFIED

HEADQUARTERS FOURTH ARMY
FORT SAM HOUSTON, TEXAS

452.1 AKADB 17 March 1949

SUBJECT: Unusual Lights

TO: Commanding General
Sandia Base
P. O. Box 5100
Albuquerque, New Mexico
ATTN: AC of S, G-2

The attached Summary of Information, this office, subject as above, 16 March 1949, re reports of "lights" observed over Camp Hood, Texas, is forwarded in duplicate for your information and any action deemed necessary.

FOR THE COMMANDING GENERAL:

EUSTIS L. POLAND
Colonel, GSC
AC of S, G-2

1 Incl (dup)
As stated, w/EXHIBITS I, II, III, and IV

SBRD/11 1st Ind.

Headquarters, Sandia Base, P.O. Box 5100, Albuquerque, N.M. MAR 24 1949

TO: Office of Special Investigation, Kirtland Air Force Base, Albuquerque, New Mexico

1. Forwarded to your office for transmittal to T-2, AMC.

FOR THE COMMANDING GENERAL:

T. J. CAMP, JR.
Major, FA
Asst. Executive Officer

Incls:
1. Summary of Info.
2. Exhibit I
3. Exhibit II
4. Exhibit III
5. Exhibit IV

DOWNGRADED AT 3 YEAR INTERVALS
UNCLASSIFIED DECLASSIFIED AFTER 12 YEARS
DOD DIR 5200.10

00247

[redacted]

SHORT TITLE: Ops 4th 5357

10672

UNCLASSIFIED

INCIDENT NO. 265

1. Date of Observation 6 March 1949 Date of Interview _____

2. Exact time (local) 2020

3. Place of Observation Point #1, Killeen Base, Camp Hood, Texas

4. Position of observer Ground

5. What attracted attention to object & -

6. Number of objects One

7. Apparent size Looked like Basketball

8. Color of object Pale Blue-White light

9. Shape Ball like flash

10. Altitude 59° above horizon

11. Direction from observer 40°

12. Distance from observer

13. Direction of flight of object(s)

14. Time in sight

15. Speed

16. Sound and Odor None

17. Trail None

18. Luminosity

19. Projections

20. Maneuvers None - was a fixed flash

21. Manner of disappearance

22. Effect on clouds

23. Additional information concerning object

24. Weather conditions Overcast, see complete weather datas on File 265

(over)

UNCLASSIFIED

UNCLASSIFIED

Incident: 265

Name and address of observer: Pvt. [redacted]
Pvt [redacted]
42nd AIB, CO. A, Camp Hood, Texas

Occupation and hobbies:

U.S.Army

Comments of Interrogator relative to intelligence and character of observer(s):

NARRATIVE SUMMARY:

UNCLASSIFIED

INCIDENT NO. 265A

1. Date of Observation 6 March 1949 of Interview

2. Exact time (local) 2100

3. Place of Observation Point #6, Killeen Base, Camp Hood, Texas

4. Position of observer Ground

5. What attracted attention to object -

6. Number of objects One

7. Apparent size 2 ft. x 1 ft.

8. Color of object Pale Blue White light

9. Shape Oblong

10. Altitude 6° to 45' above horizon

11. Direction from observer from 286° to 279°

12. Distance from observer

13. Direction of flight of object(s)

14. Time in sight

15. Speed

16. Sound and Odor None

17. Trail Pfc. Ranson reported faint Pinkish red trail extending 3 times length of body

18. Luminosity

19. Projections

20. Maneuvers No deviation from course

21. Manner of disappearance

22. Effect on clouds

23. Additional information concerning object

24. Weather conditions overcast. See complete weather data in File 265.

(over)

UNCLASSIFIED

UNCLASSIFIED

INCIDENT NO. 265B

1. Date of Observation 6 March 1949 Date of Interview

2. Exact time (local) 2045

3. Place of Observation Point #3, Killeen Base, Camp Hood, Texas

4. Position of observer Ground

5. What attracted attention to object -

6. Number of objects

7. Apparent size 10° in length

8. Color of object Light colored head orange trail

9. Shape Roundish head with trail

10. Altitude 21° to 6° 31' above horizon

11. Direction from observer 261° to 240°

12. Distance from observer

13. Direction of flight of object(s)

14. Time in sight

15. Speed Not known

16. Sound and Odor None

17. Trail Orange trail about 10° long

18. Luminosity

19. Projections

20. Maneuvers No deviation from course

21. Manner of disappearance

22. Effect on clouds

23. Additional information concerning object

24. Weather conditions overcast, see complete weather data in File 265

(over)

UNCLASSIFIED

Name and address of observer: Sgt. [redacted]
Pfc. [redacted] - 1st Porvost
Security Sqd, KILLEEN BASE, CAMP HOOD, TEXA

Occupation and hobbies:

USAF

Comments of Interrogator relative to intelligence and character of observer(s):

NARRATIVE SUMMARY:

UNCLASSIFIED

Incident: 265B

Name and address of observer: Pvt. [redacted]
42nd AIB Co. A.
Camp Hood, Texas

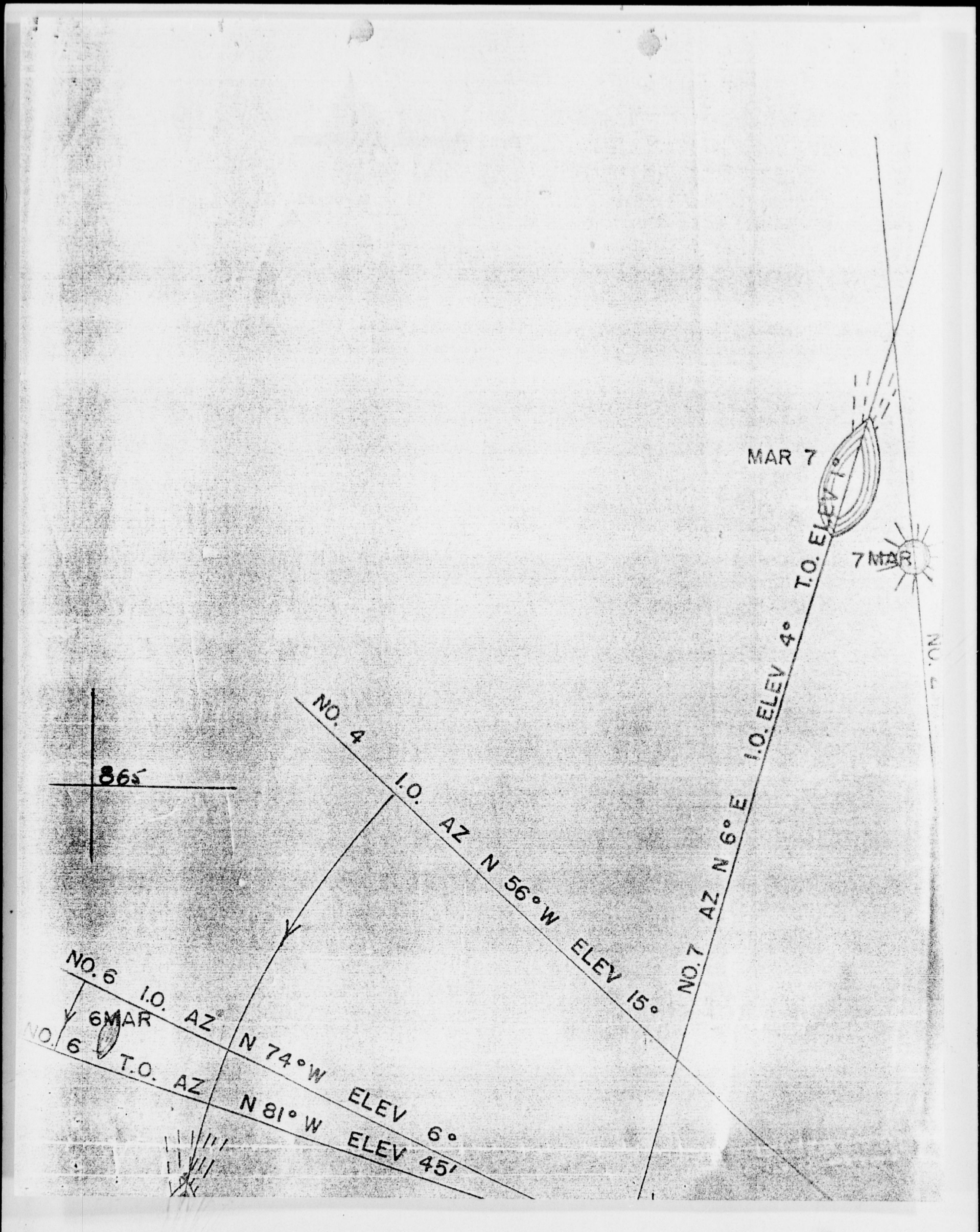
Occupation and hobbies:

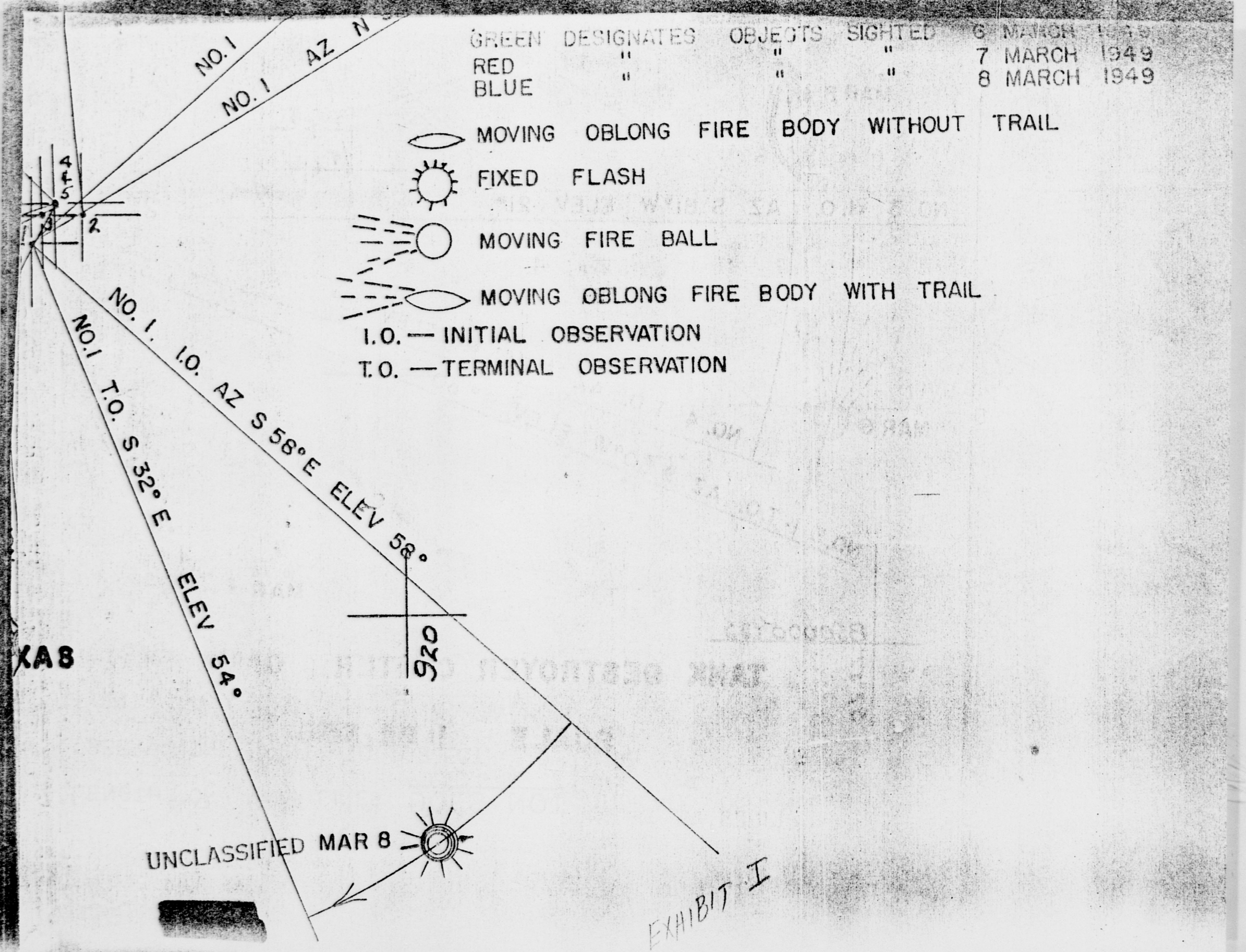
U.S.Army

Comments of Interrogator relative to intelligence and character of observer(s):

NARRATIVE SUMMARY:

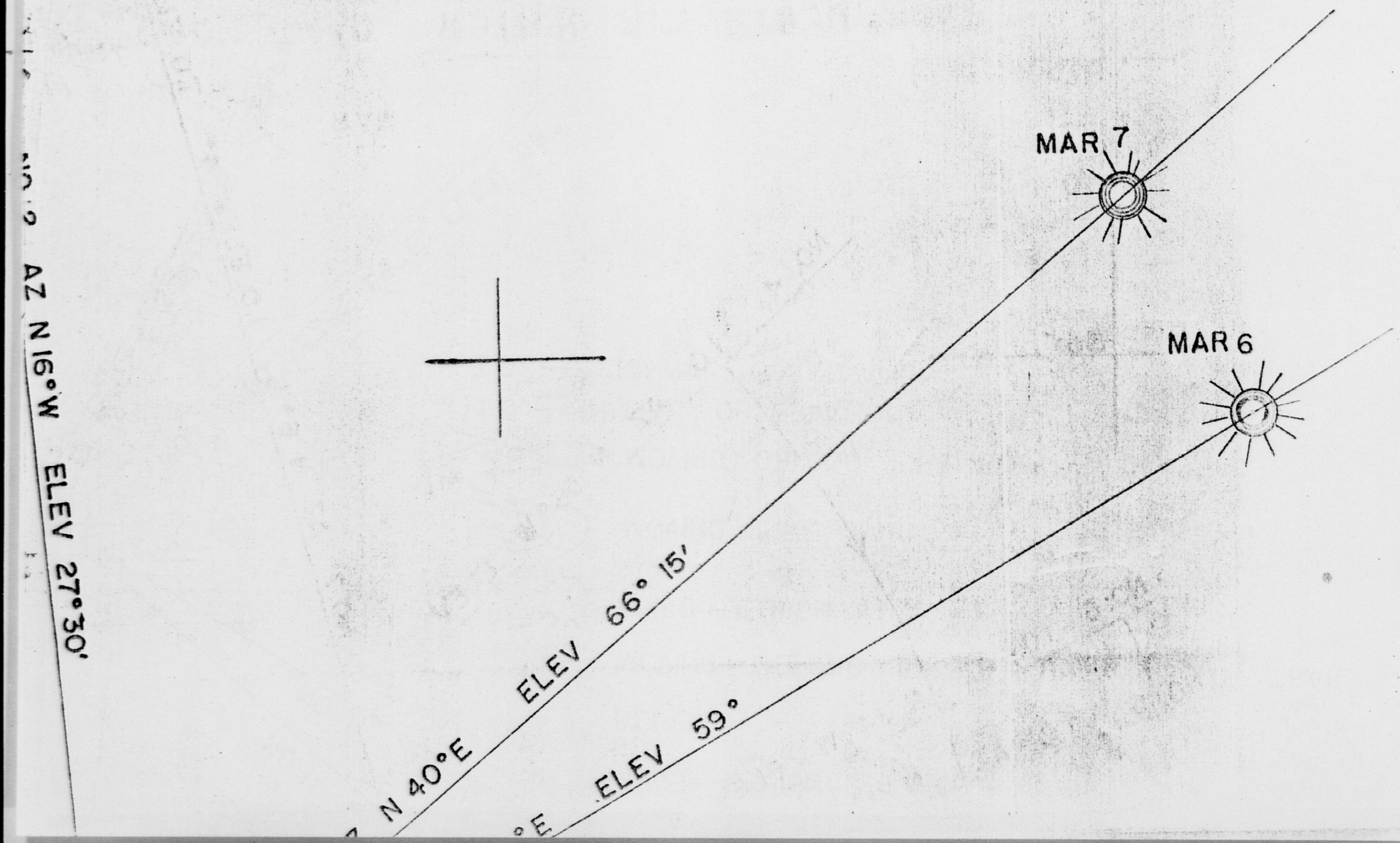
UNCLASSIFIED

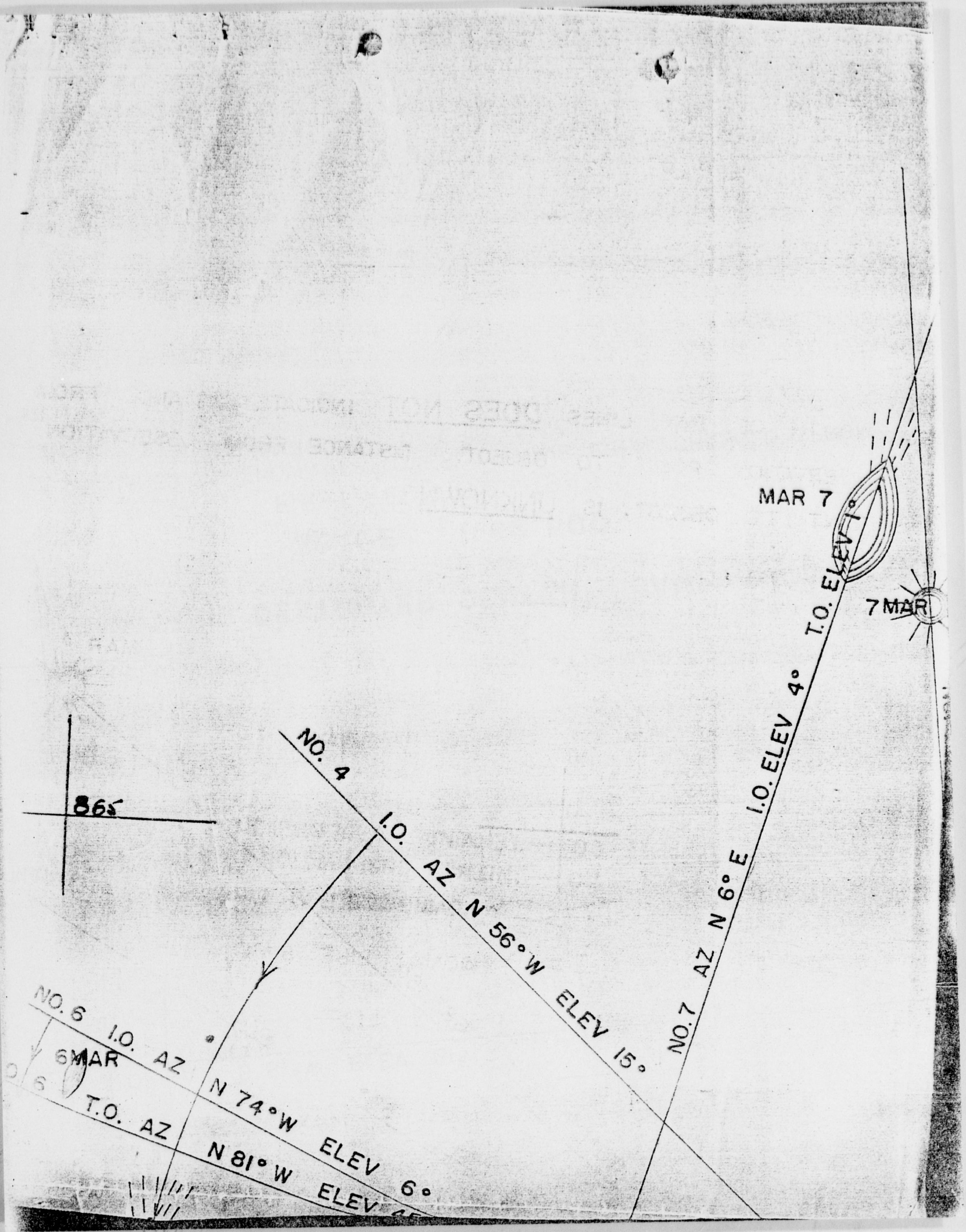

MAR 7
7 MAR
T.O. ELEV 4°
I.O. ELEV 4°
NO. 7 AZ N 6° E
NO. 4
I.O.
AZ N 56° W ELEV 15°
865
NO. 6 I.O. AZ N 74° W ELEV 6°
6 MAR
NO. 6 T.O. AZ N 81° W ELEV 45'

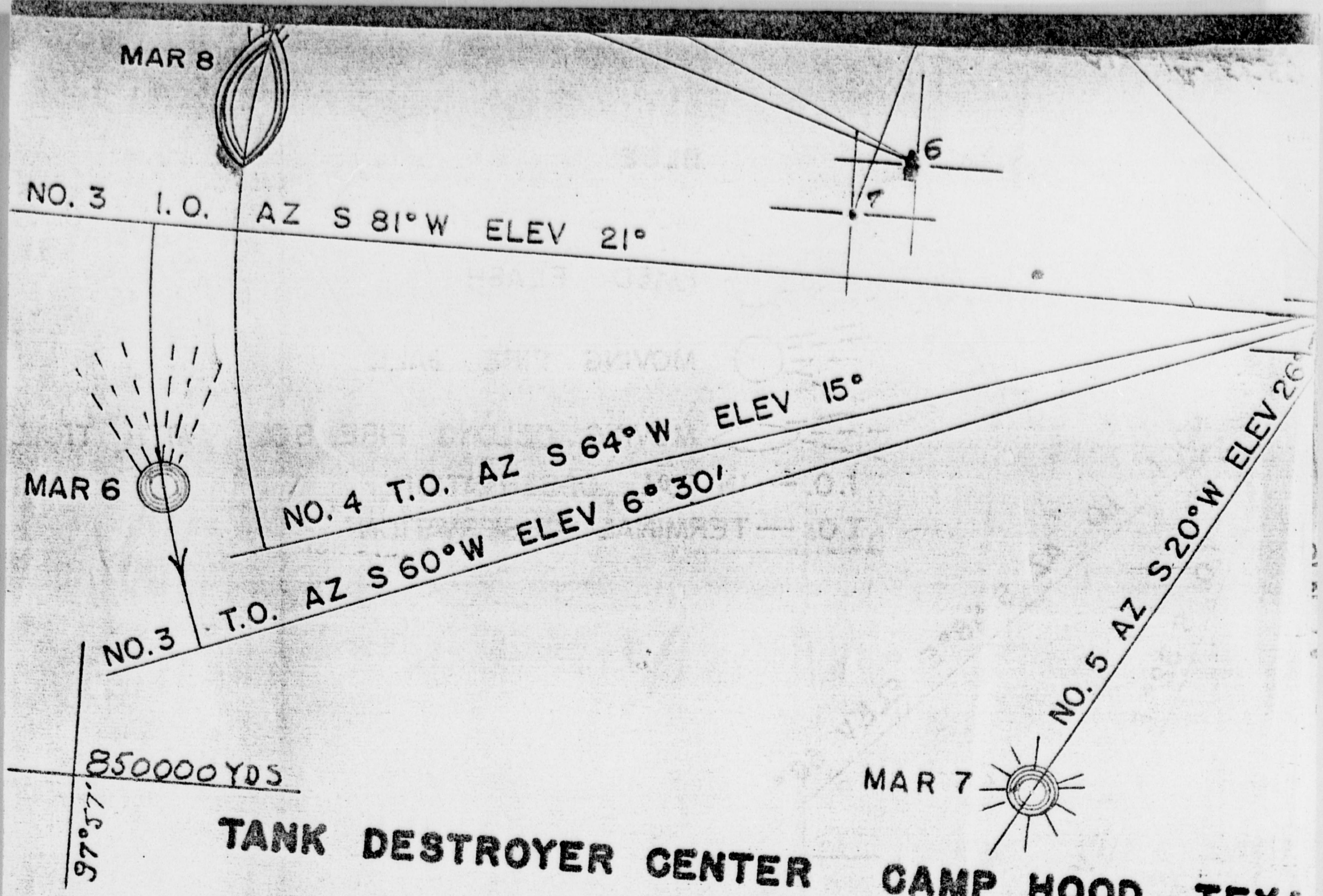

GREEN DESIGNATES OBJECTS SIGHTED 6 MARCH 1949
RED " " " 7 MARCH 1949
BLUE " " " 8 MARCH 1949
MOVING OBLONG FIRE BODY WITHOUT TRAIL
FIXED FLASH
MOVING FIRE BALL
MOVING OBLONG FIRE BODY WITH TRAIL
I.O. — INITIAL OBSERVATION
T.O. — TERMINAL OBSERVATION
NO. 1
NO. 1 AZ N
NO. 1 I.O. AZ S 58° E ELEV 58°
NO. 1 T.O. S 32° E ELEV 54°
1
2
3
4
5
920
UNCLASSIFIED MAR 8
[redacted]
EXHIBIT I

XA8

LENGTH OF RAY LINES DOES NOT INDICATE DISTANCE FROM OBSERVATION POINT TO OBJECT. DISTANCE FROM OBSERVATION POINT TO OBJECT IS UNKNOWN.




865
NO. 4
I.O. AZ N 56° W ELEV 15°
NO. 7 AZ N 6° E I.O. ELEV 4°
T.O. ELEV 1°
MAR 7
7 MAR
NO. 6 I.O. AZ N 74° W ELEV 6°
6 MAR
T.O. AZ N 81° W ELEV



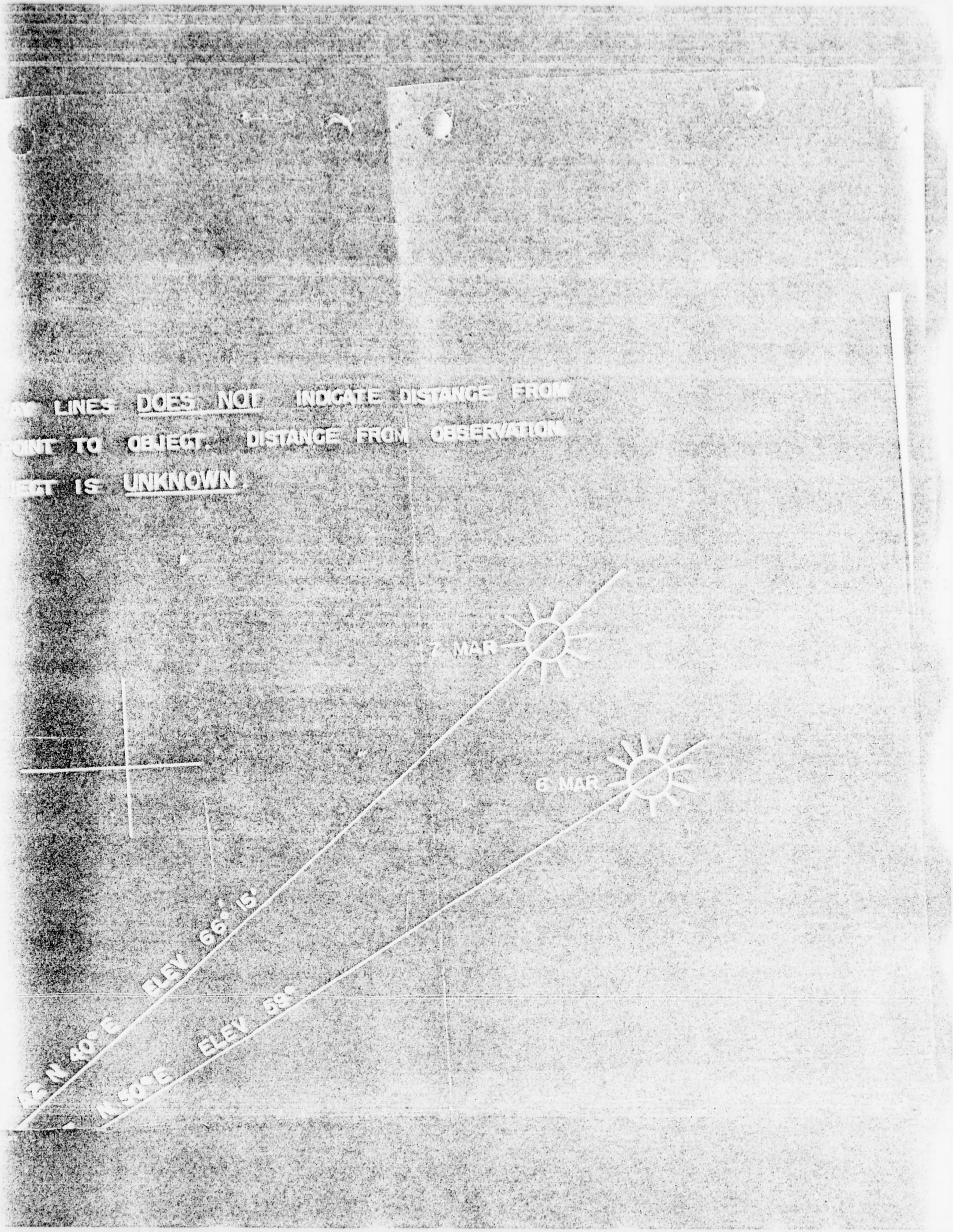
TANK DESTROYER CENTER CAMP HOOD, TEXA

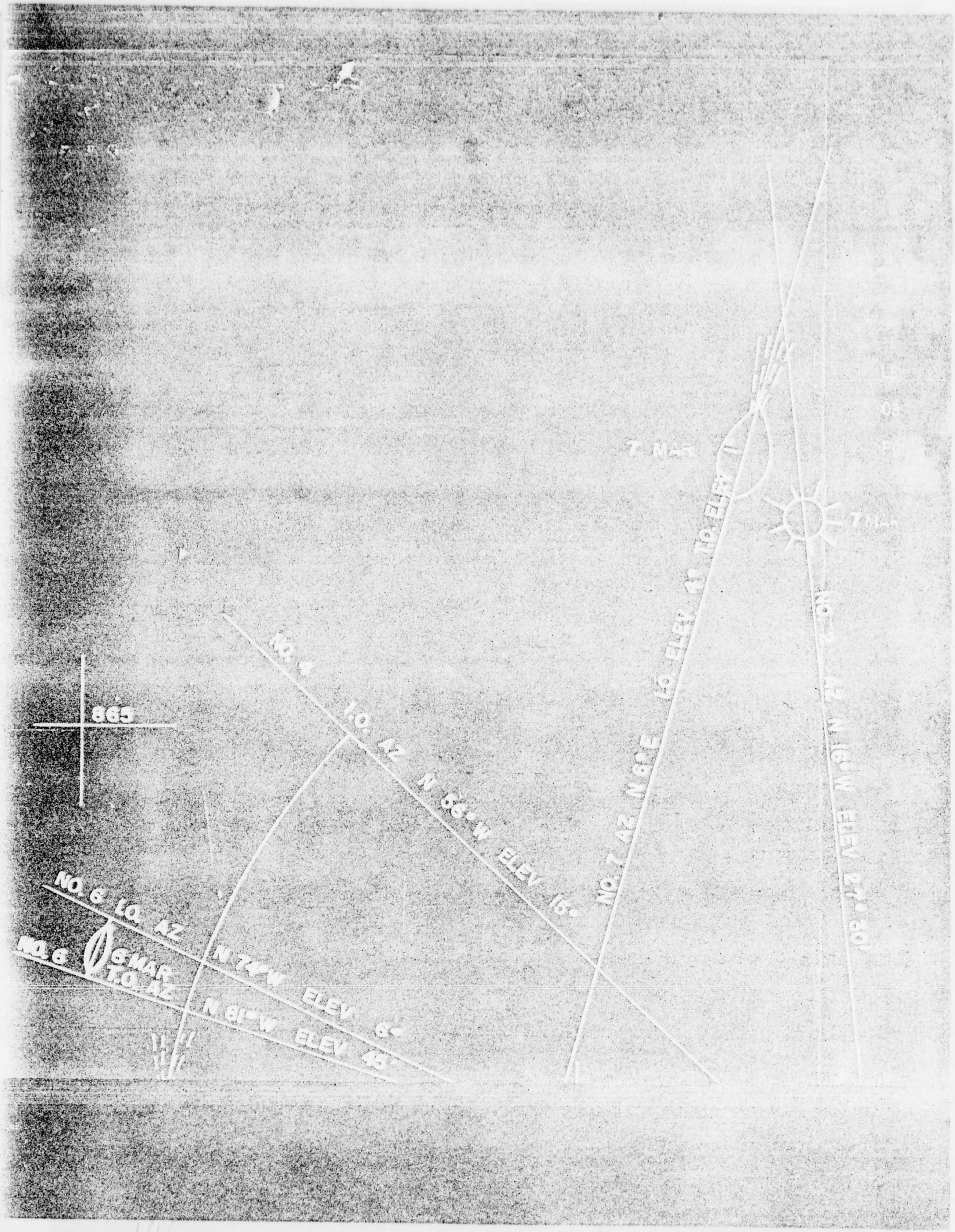
SCALE 1:62,500

FIRST EDITION 1943

LINES AS SHOWN ON OVERLAY HAVE BEEN CHANGED FROM MAGNETIC TO GRID AZIMUTH.

UNCLASSIFIED


LINES DOES NOT INDICATE DISTANCE FROM
OINT TO OBJECT DISTANCE FROM OBSERVATION
ECT IS UNKNOWN
7 MAR
6 MAR
ELEV 66° 15'
ELEV 58°


865
NO. 4 T.O. AZ N 66°W ELEV 16°
NO. 6 T.O. AZ N 74°W ELEV 6°
NO. 6 T.O. AZ N 81°W ELEV 45°
NO. 7 AZ N 61E T.O. ELEV 16°
NO. 7 AZ N 16°W ELEV 8°
6 MAR
7 MAR

EATHER SERVICE

ER OBSERVATIONS

STATION

MONTH DAY YEAR

LAT LONG

MAIN FORM 106

TIME (LST) 18	STATION PRESSURE (MB) 17	DRY BULB 18	WET BULB 19	REL HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT 22	TYPE AND DIR 23	HEIGHT 24	SECOND LAYER AMT 25	TYPE AND DIR 26	HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT 29	TYPE AND DIR 30	HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT 33	TYPE AND DIR 34	HEIGHT 35	PRESSURE TENDENCY 36	WET 3 HR CHANGE 37	38	39	40

SUNSET OBSERVATIONS

STATION PRESSURE CORRECTIONS

SUMMARY OF DAY WEATHER TO MIDNIGHT

						PEAK GUST																	

PRECIPITATION (INCHES)	BEGAN	ENDED	TYPE		WATER EQUIVALENT (INCHES)	BEGAN	ENDED	TYPE	

REMARKS, NOTES AND MISCELLANEOUS OBSERVATIONS

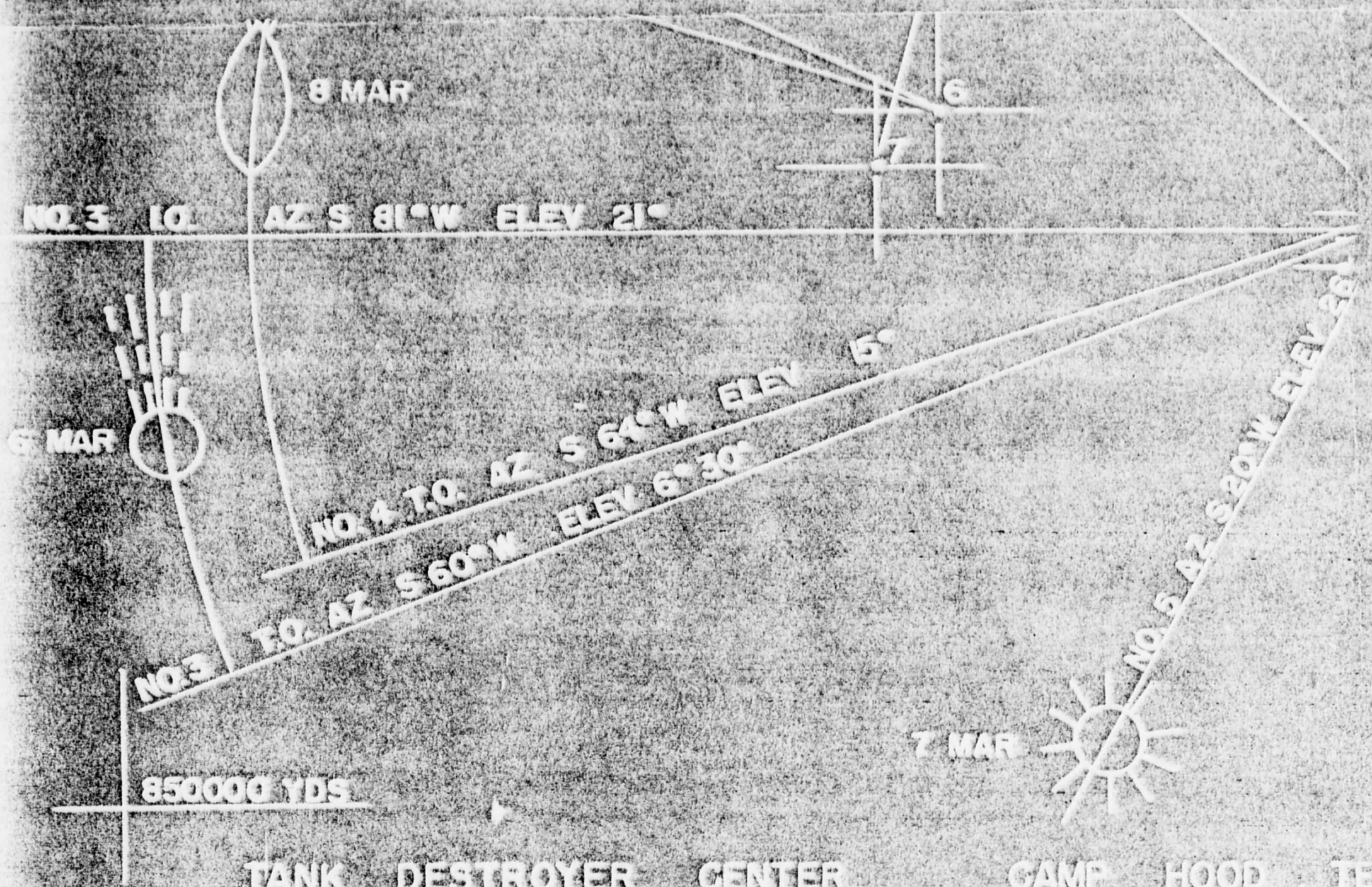
SUNRISE SUNSET

Time zones on this form are 90 W meridian
To convert to G.C.T. (add) 6 hours
Height of barometer 926 in (mm)

U.S. A
SURFACE

WBAN FORM 10A

TYPE 1	TIME (LST) 2	CEILING (hundreds of feet) 3	SKY 4	VISIBILITY (miles) 5	WEATHER AND OBSTRUCTIONS TO VISION 6	SEA LEVEL PRESS (mbs) 7	TEMP (°F) 8	DEW PT (°F) 9	WIND DIRECTION 10	WIND SPEED (knots) 11A	WIND SPEED (mph) 11B	WIND CHARACTER AND SHIFTS 12	ALTIMETER SET (inches) 13	REMARKS AND SUPPLEMENTAL CODES 14
R	0730	E 200	⊘	10		113	57	55	→	3			29.Y	
R	0830	E 200	– ⊕	15		125	62	57	→	4			29.	
R	0930	E 150	⊕ ⊘	15		122	66	61	→	8			29.2	E 200 [illegible]
R	1030	E 150	⊕ ⊘	15		122	70	64	→	10			29.[illegible]	E 200 [illegible]
R	1130	E 120	⊕	15		119	72	66	→	15			29.[illegible]	
R	1230	E 120	⊘ ⊘	15		119	75	69	→	20			29.[illegible]	[illegible]
R	1330	E 120	⊘ ⊘	15		119	75	69	→	15			29.[illegible]	[illegible]
R	1430	E 120	⊘ ⊘ D	15		119	70	67	→	10			29.[illegible]	
R	1530	E 120	⊘ ⊘	15		119	70	67	→	15			29.[illegible]	
R	1630	E 120	⊘	15		119	70	67	→	10			29.[illegible]	



TANK DESTROYER CENTER CAMP HOOD, TEX.

SCALE 1:62,500

FIRST EDITION 1943

LINES AS SHOWN ON OVERLAY HAVE BEEN CONVERTED FROM MAGNETIC TO GRID AZIMUTH.

54-4-4-9

GREEN DESIGNATES OBJECTS SIGHTED 6 MARCH 1949
RED " " " 7 MARCH 1949
BLUE " " " 8 MARCH 1949

FIXED FLASH

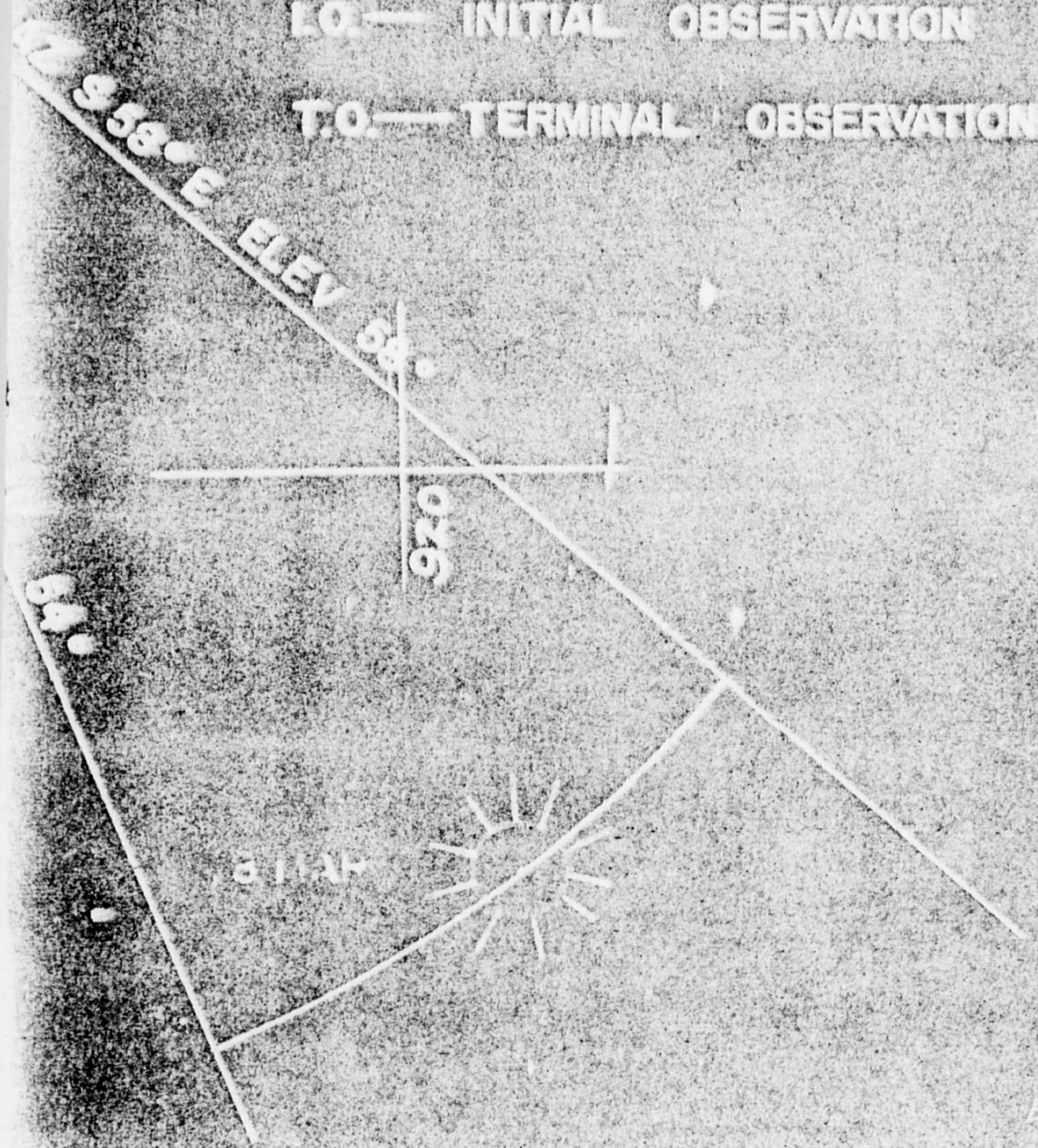
MOVING FIRE BALL

MOVING OBLONG FIRE BODY WITH TRAIL

MOVING OBLONG FIRE BODY WITHOUT TRAIL

I.O.— INITIAL OBSERVATION

T.O.— TERMINAL OBSERVATION



20808

EXHIBIT I

U.S.A.F. AIR

SURFACE WEAT

Type 1	Time (LST) 2	Ceiling (Hundreds of Feet) 3	Sky 4	Visibility (Miles) 5	Weather and Obstructions to Vision 6	Sea Level Pressure (Inches) 7	Temp (°F) 8	Dew Pt (°F) 9	Wind Direction 10	Wind Speed (Knots) 11a	Wind Speed (Knots) 11b	Wind Character and Shifts 12	Altimeter Set (Inches) 13	Remarks and Supplemental Coded Data 14
R	1730		220 Φ	15		251	47	37	↙	5			026	
R	1830		220 Φ	15		254	53	37	←	7			027	
R	1930		230 Φ	15		251	58	37	←	7			026	/ 004 0019
R	2030		230 Φ	15		247	60	36	↖	12			025	
R	2130	E230	Φ	15		240	62	37	↖	18			023	
R	2230	E240	Φ	15		237	64	36	↖	5			017	/ 51200 [illegible]
R	2330		240 Φ	15		213	66	35	↖	13			[illegible]	
R	2430		250 Φ	15		195	65	[illegible]	↖	2			[illegible]	
R	2530		250 Φ	15		180	70	37	↖	7			102	[illegible] 0019
R	2630		O	15		169	71	44	↖	12			[illegible]	

ATHER SERVICE

ER OBSERVATIONS

STATION [illegible]
MONTH [illegible] DAY 2 YEAR 77
LAT 27° 42' LONG 81° 05'

CLOUDS AND OBSCURING PHENOMENA

| | | |

WEATHER SERVICE

WEATHER OBSERVATIONS

STATION Det 29-31
MONTH March DAY 7 YEAR 57
LAT 33.34° LONG 33.0°

WBAN FORM 105

Hour	Station Pressure (Hg) 17	Dry Bulb (°F) 18	Wet Bulb (°F) 19	Rel Humidity (%) 20	Total Sky Cover 21	Lowest Layer Amt 22	Lowest Layer Type and Char 23	Lowest Layer Height 24	Second Layer Amt 25	Second Layer Type and Char 26	Second Layer Height 27	Summation Total 28	Third Layer Amt 29	Third Layer Type and Char 30	Third Layer Height 31	Summation Total 32	Fourth Layer Amt 33	Fourth Layer Type and Char 34	Fourth Layer Height 35	Pressure Tendency 36	Net 3-hr Change 37	38	39	40
00	28.730	52.6	52.0	97	10	10	SCT	WB	u				u				u							
03	28.740	53.2	52.0	97	10	10	SCT	E2	u				u				u							
06	28.712	54.7	54.0	97	10	10	SCT	W5	u				u				u			7	020			
09	28.710	56.7	56.7	100	10	10	SCT	W1	u				u				u							
12	28.331	57.7	57.7	100	10	10	SCT	N2	u				u				u							
15	28.375	58.7	58.7	100	10	10	SCT	W3	u				u				u			7	030			
18	28.340	57.0	57.0	100	10	7	SCT	W4	10	SCT	W10	10	u				u							
21	28.350	60.0	60.0	100	10	7	SCT	N4	10	SCT	E12	10	u				u							
24	28.770	62.0	62.0	100	7	4	SCT	E10	7	SCT	E20	10	u				u			7	060			
27	28.760	64.1	63.0	95	7	3	SCT	E25	6	AC	E100	6	8	CI	E200	8	0							

SYNOPTIC OBSERVATIONS

Hour (EST) 41	Wind 42	Precip 44	Snow Fall 45	Snow Depth 46	Max Temp 47	Min Temp 48	Height of Water Surface 49	Stage of Rising 50	Sea State and Dir 51	Swell Height and Dir 52	Swell Period 53	Surface Obs 54	Water Temp 55	Soil Temp 56	57	58
1230	1	0.07	0.0	0.0	59.7	52.5	—	1	—	—	—	—	—	—		

STATION PRESSURE COMPUTATION

TIME (EST) 59			1230
ATT THERM 60			76.0
OBSERVED BAR 61			29.402
TOTAL CORR 62			-.177
STA PRESS 63			29.325
BAROGRAPH 64			29.320
BAR CORR 65			+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

Max Temp (°F) 66	Min Temp (°F) 67	24-Hr Precip (Water Equiv) 68	24-Hr Snowfall (Melted) 69	Snow Depth 70	Peak Gust Speed 71	Peak Gust Direction 72	Peak Gust Time (EST) 73	Thickness of Ice on Water 74	Frozen Ground Layer Top 75	Frozen Ground Layer Base 76	River Gage 77	78	79	80	81
64	52														

Precip and Thunderstorm 82	Began 83	Ended 84	Dur 85 Hrs	Dur 85 Mins	Obstr to Vis 86	Began 87	Ended 88	Dur 89 Hrs	Dur 89 Mins

REMARKS, NOTES AND MISCELLANEOUS PHENOMENA
90

SUNRISE _____ SUNSET _____

U.S. A.F. A

SURFACE WEA

TYPE 1	TIME (LST) 2	CEILING (Hundreds of Feet) 3	SKY 4	VISIBILITY (Miles) 5	WEATHER AND OBSTRUCTIONS TO VISION 6	SEA LEVEL PRESSURE (Inches) 7	TEMP °F 8	DEW PT °F 9	WIND DIRECTION 10	WIND SPEED (Knots) 11a	WIND GUSTS (Knots) 11b	CHANGE TO WIND SPEED AND/OR DIRECTION 12	ALTIMETER SET (Inches) 13	REMARKS AND SUPPLEMENTAL WEATHER DATA 14
R	0130	1B6	⊕	4	F	113	56	55	↑	6			331	
01	0200	2 2	⊕	4	R-F				↑↖	7				/ CLNL R-
02	0310	E3	⊕	4	F				↑↖	10				
03	0320	E2	⊕	4	R-F	114	56	55	↑↖	3			370	/ CNCL R- / [illegible]
04	0351	W4	⊕	4	R-F				↑↖	5				
R	0700	W5	⊕	4	R-F	113	51	56	↑↖	4			391	/ TSB [illegible]
05	0740	W5	⊕	1½	F				↖	4				
06	1000	W2	⊕	3½	F				↑	3				
R/3	1030	W1	⊕	1½	L-F	113	57	57	↑	3			371	/ [illegible]
R/3	1100	W2	⊕	1½	R-L-F	113	57	55	↑	3			350	/ [illegible]
R	1200	W3	⊕	2	R-L-F	113	57	57	↑	3			371	/ [illegible]
07	1310	W4	⊕ ⊘	7	F				↑↗	4				/ E10 ⊕/ 10 [illegible] 20 [illegible] [illegible]
R/10	1300	W4	⊕ ⊘	6	R-	091	57	57	↑↗	4			372	/ E10 ⊕/ INTMT [illegible]
08	1400	W4	⊕ ⊘	1½	F				↑↖	3				10 [illegible] 20 [illegible] [illegible]
09	1500	W4	⊕ ⊘	1½	F				↑↖					/ E1[illegible] ⊕/ [illegible] [illegible] 1½ [illegible]
														4 [illegible] INTMT
R/12	1700	E5	⊕ ⊘	1		091	60	60	↑↖	4			111	/ [illegible] ⊕/ [illegible]
013	1800	E10	⊘ 6 ⊘	3					↑↖	7				[illegible] SE
017	1815	E6	⊘ ⊘	2					↑	1				/ E20 ⊕/ C10 ⊘ [illegible]
R/18	1830	E20	⊘ ⊘	2		015	64	62	↑	1			100	/ CIRCL / [illegible] / [illegible]
														[illegible] 0215Z
018	1900	E120	⊘ 25 ⊘	7					↑	7				
R	1910	E120	⊘ ⊘	7		069	67	64	↑	1			111	/ E200 ⊘/ 5 ⊘/ [illegible] AT
														[illegible] 1000Z [illegible]