

PROJECT 10073 RECORD CARD

1. DATE 1 Sep 52	2. LOCATION Yaak, Montana		10. CONCLUSIONS ☐ Was Ballon ☐ Probably Ballon ☐ Possibly Ballon
3. DATE-TIME GROUP Local 1145 GUT PHOTOS ☐ Yes ☐ No	4. TYPE OF OBSERVATION ☒ Ground-Visual ☒ Ground-Radar ☐ Air-Visual ☐ Air-Intercept Radar		☐ Was Aircraft ☐ Probably Aircraft ☐ Possibly Aircraft ☐ Was Astronomical ☐ Probably Astronomical ☐ Possibly Astronomical
6. METHOD OF OBSERVATION 1. Visual	8. NUMBER OF OBJECTS 2 or more	9. COURSE Varied	☐ Other ☐ Insufficient Data for Conclusion ☒ Unknown
7. CHARACTER OF LIGHTING Blue, blue, yellow, white color. "Streak" shape. Varied maneuvers.		11. COMMENTS	

1 September 1952, Yaak, Montana

Analysis of reported information indicates that the radar targets probably were ground objects which were detected due to a mild temperature inversion condition of the atmosphere.

Yaak, Montana
1 Sep 52
E1145

Capt R. L. James
15 September 1952

4-3719-19

UNCLASSIFIED

1. Two or more colored lights observed in sky SE of Yak, Montana. Colors varied colored, green, blue, then remained yellowish white last 30 minutes of observation. Lights were smaller and less bright than stars, and shape. Moving in erratic manner in small area. All appeared in same spot, disappeared behind a cloud or the light went out. No formation, no noise, only two at a time observed. Vapor trail left when objects diving, immobile to very rapid movement. One white light went out as it changed direction and continued on around. Black silhouette outlined against sky at dawn.

2. Radar showed targets moving and stationary in same area.

3. Observed from 1145Z to 1245Z on 1 Sept 52 (0145 MST to 0545 MST).

4. Visual observation from ground by two airmen. Electrical observation from ground by three airmen on AN/FPS-3.

5. Observed at $115^{\circ}43'E$ and $48^{\circ}53'N$.

6. Objects 60° from Zenith, 120° to 140° in azimuth. On radar 70 to 80 miles, altitude unknown.

7. Observed by three reliable airmen.

8. Few thin clouds, wind calm.

9. No activity or conditions to account for observation.

10. No physical parts or evidence.

11. No interception taken.

12. No air traffic within 100 miles of sighting.

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

UNCLASSIFIED

PROJECT 10073 WORKSHEET

I. GENERAL

1. DATE <i>1 Sep 52</i>	2. LOCATION <i>Yaak, Montana</i>	3. TIME Local: <i>0445M</i> Zebra: <i>1145</i>
4. WAS OBJECT OBSERVED FROM THE GROUND?		☒ Yes ☐ No
		☒ Naked Eye ☐ Binoculars ☐ Telescope ☐ Theodolite
5. WAS OBJECT OBSERVED BY GROUND RADAR?		☒ Yes ☐ No
		☒ By One Set <i>AN/FPS-3</i> ☐ By Two Sets ☐ By Three Sets
6. WAS OBJECT OBSERVED FROM THE AIR?		☐ Yes ☒ No
		☐ A/C Observed Object ☐ Interception Attempted ☐ No Intercept Attempted
7. WERE AIRCRAFT SCRAMBLED TO INTERCEPT?		☐ Yes ☒ No
		☐ A/C Scrambled ☐ Visual Contact Made ☐ A/I Contact Made ☒ No Contact Made
8. DID OBJECT CHANGE DIRECTION AT ANY TIME?		☒ Yes ☐ No
		☐ Normal ☐ Violent
9. IF OBJECT WAS A "LIGHT", WAS IT:		☒ Blinking ☐ Steady
10. LENGTH OF TIME IN SIGHT:		☐ 1-15 Seconds ☐ 1-5 Minutes ☒ Over 10 Minutes
11. REPORTING AGENCY (Unit Number and Mailing Address)		
<i>29TH AD Div, Great Falls, Mont.</i>		

II. ASTRONOMICAL DATA

12. WHAT ASTRONOMICAL ACTIVITY WAS NOTED?		
<i>None</i>		
13. DID OBJECT APPEAR TO ARCH DOWNWARD?	☐ Yes ☐ No	
14. DID OBJECT HAVE A TAIL?	☐ Yes ☐ No	
15. DID OBJECT APPEAR TO DISINTEGRATE?	☐ Yes ☐ No	
16. TIME OF SIGHTING RELATIVE TO SUNRISE OR SUNSET (Data From Air Almanac)		
☐ Night ☐ Day ☒ Sunrise ☐ Sunset		

III. AIRCRAFT DATA

17. WERE AIRCRAFT NOTED IN AREA?	☐ Yes ☒ No
	☐ One Aircraft ☐ More Than One Aircraft
18. WAS ANY SOUND HEARD?	☐ Yes ☐ No
19. WERE THERE INDICATIONS OF HIGH BACKGROUND NOISE?	☐ Yes ☐ No
20. WAS THE OBJECT VIEWED ABOVE 45° ELEVATION?	☐ Yes ☐ No

IV. BALLOON DATA

21. WERE BALLOONS RELEASED IN AREA? ☐ Yes ☒ No

22. TIME SINCE SCHEDULED BALLOON RELEASE: _____ Minutes

23. POSSIBLE BALLOON LAUNCH SITES DOWNWIND OF SIGHTING:

	Location	Type	Launching Agency	Lighted?		Describe Lighting
				Yes	No	
a.						
b.						
c.						
d.						

(attach overlay)

V. EVALUATION

21. EVALUATION OF SOURCE:

- ☐ Excellent
- ☐ Good
- ☐ Fair
- ☐ Poor
- ☐ Unreliable
- ☐ Extremely Doubtful
- ☐ Hoax

22. DETAILS OF REPORT:

- ☐ Good
- ☐ Fair
- ☐ Poor
- ☐ Insufficient to Evaluate

23. FINAL EVALUATION:

- ☐ Was Balloon
- ☐ Probably Balloon
- ☐ Possibly Balloon
- ☐ Was Aircraft
- ☐ Probably Aircraft
- ☐ Possibly Aircraft

- ☐ Was Astronomical
- ☐ Probably Astronomical
- ☐ Possibly Astronomical

- ☐ Other: _____
- ☐ Insufficient Data For Evaluation
- ☒ Unknown

24. COMMENTS:

PROJECT 10073 WEATHER DATA SHEET

1. DATE OF OBSERVATION 1 Sep,		2. TIME OF OBSERVATION 1500		3. STATION OBSERVING Great Falls AFB	
4. WINDS ALOFT:					
ALTITUDE (feet)		VELOCITY (knots)		DIRECTION (degrees)	
0					
1,000					
2,000					
3,000		9		215	
4,000					
5,000		15		215	
6,000					
7,000					
8,000					
9,000					
10,000					
12,000		20		340	
14,000					
16,000					
18,000					
20,000		55		350	
				25,000	
				30,000	
				35,000	
				40,000	
				45,000	
				50,000	
				55,000	
				60,000	
				65,000	
				70,000	
				75,000	
				80,000	
				85,000	
				90,000	
				95,000	
				100,000	
5. WAS AN INVERSION LAYER NOTED? (If yes, at what altitude? 700-625 MB) ☒ Yes ☐ No (10,000')					
6. WERE ANY THUNDERSTORMS NOTED IN AREA? ☐ Yes ☒ No (If yes, at what quadrant?)					
7. CLOUD COVER: _____ tenths at _____ feet. _____ tenths at _____ feet. _____ tenths at _____ feet. _____ tenths at _____ feet.					8. VISIBILITY WAS _____ MILES.
9. COMMENTS:					

UNCLASSIFIED

AT 1C

1. atia
2. atia
3. atia
4. C. files

AIR 239
PP JEPHQ JEDEN JEDWP JWPML 444

THIS MESSAGE REQUIRES PARAPHRASE
SEE CRYPTO-CENTER BEFORE DECLASSIFYING

60 7
HJ

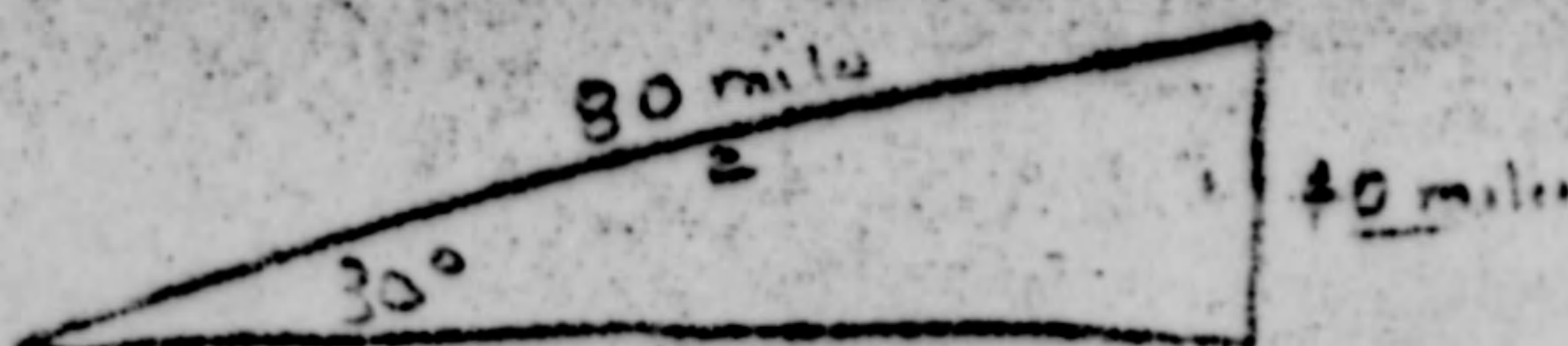
FM 29TH ADIV GREAT FALLS MONT.
TO JEPHQ/HQ USAF ATTN DIR OF INTELL SEC 302
JEDEN/ADC
JEDWP/AMC ATTN ATIAA-2C
INFO JWPML/WADF

ACTION

[REDACTED] CITE COCA INDIA TWO FOUR
FLYOBRT PD PAR ONE PD TWO OR MORE COLORED
LIGHTS OBSRD IN SKY SOUTHEAST OF YAAK MON PD COLORS VARIED COLORED CMA
GREEN CMA BLUE CMA THEN REMAINED YELLOWISH WHITE LAST THREE
ZERO MIN OF OBSRN PD LIGHTS WERE SMALLER AND LESS BRIGHT THAN STARS CMA
AND SHAPE CMA MOVING IN ERRATIC FASHION IN SMALL AREA CMA ALL APPEARED
IN SAME SPOT CMA DISAPPEARED BEHIND CLOUD LOR WHEN LIGHT WENT OUT PD
NO FORMATION CMA NO NOISE CMA ONLY TWO AT A TIME OBSRD PD VAPOR TRAIL.
LEFT WHEN OBJS DIVING CMA IMMOBILE TO VERY RAPID MVMENT PD ONE WHITE LIGHT

PAGE TWO

WENT OUT AS IT CHANGED. DIR AND CONTED ON ARND CMA BLACK SILHOUETTE
OUTLINED AGAINST SKY AT DAWN PD RADAR SHOWED TGTS MOVING AND STATIONARY
IN SAME AREA PD PART TWO PD FR ONE ONE FOUR FIVE TO ONE TWO FOUR FIVE
ZULU ONE SEP FIVE TWO PD PART THREE PD VISUAL OBSRN FR SURF BY TWO AMN
PD ELECTRICAL OBSRN FR SURF BY THREE AMN ON AN/FPS-3 RADAR PD PAR FOUR
PD LATITUDE AND LONGITUDE CLN ONE ONE FIVE DEGREES FOUR THREE MIN EAST
CMA FOUR EIGHT DEGREES FIVE THREE MIN NORTH PD OBJS SIX ZERO DEGREES
FR ZENITH CMA ONE TWO ZERO TO ONE FOUR ZERO DEGREES IN AZIMUTH PD IS ON
RADAR SEVEN ZERO TO EIGHT ZERO MILES CMA ALT UNKNOWN PD PAR FIVE PD
OBSRD BY THREE RELIABLE AMN PD PAR SIX PD FEW THIN CLOUDS CMA CALM PD
PAR SEVEN PD UNKNOWN PAR EIGHT PD NONE PAR NINE PD NONE PAR TEN PD NO
AIR TRAF WITHIN ONE ZERO ZERO MILES OF SIGHTINGS



UNCLASSIFIED

DOWNGRADED AT 3 YEAR INTERVAL
DECLASSIFIED AFTER 12 YEARS
DOD DIR 5200.10

680TH AIRCRAFT CONTROL AND WARNING SQUADRON
29TH AIR DIVISION (DEFENSE)
Bonnere Ferry, Idaho

UNCLASSIFIED

5 September 1952

SUBJECT: FLYOSEPT

THRU: Commanding Officer
680th AC&W Squadron
Bonnere Ferry, Idaho

THRU: Commanding General
29th Air Division (Defense)
Great Falls AFB, Montana

THRU: Commanding General
Western Air Defense Force
Hamilton AFB, California

THRU: Commanding General
Air Defense Command
Ent AFB, Colorado

TO: Director of Intelligence
Headquarters, USAF
Washington 25, D.C.

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

1. Under provisions of AFL 200-5, dated 29 April 1952, and in the absence of AF Forms 112, "Air Intelligence Information Report", the following report of unidentified flying objects is submitted:

a. Colored lights were observed in the sky southeast of the radar station located near Yeak, Montana. At the same time and the same azimuth, unidentified targets appeared on the AN/FPS-3 PPE scope. No more than two lights appeared at one time. They were observed moving in a rather erratic pattern and changing colors occasionally. The last thirty minutes of observation revealed the lights remaining a yellowish-white in color. Prior to then they were red, green, or blue. The lights moved in no apparent formation, but in most instances appeared in the same area and disappeared in another area. They disappeared when the light went out or the objects dived behind one of the thin clouds in the sky. The lights were smaller and less bright than the stars, and round in shape. A long white vapor trail was left when the objects dived.

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680th AC&W Sq

Subj: FLYOBJRPT

5 Sep 52

UNCLASSIFIED

Not meteor, therefore

The objects were immobile at times, and other times were observed to move very rapidly. This corresponded to similar movements observed on the radar equipment. One white light went out as it changed direction and continued as a black silhouette outlined against the sky which was getting light with the approaching dawn.

b. The objects were observed over a period of an hour, from 1145 to 1245 Zebra, 1 September 1952. The targets on the PPI scope remained for a similar period.

c. Visual observation from the surface by two airmen, and by three airmen on the electronic equipment, a search radar set mounted on a mountain top. The type set was the AN/FPS-3.

d. The latitude and longitude of place of observation, both visual and electronic, was about $115^{\circ} 43'$ ^{West} East, $48^{\circ} 53'$ North. Objects were moving 50 to 70 degrees from the zenith, well above the horizon. The azimuth as noted visually and electronically from the set, varied from 120° to 140° . The distance from station of targets observed on the radar was 50 to 80 miles. The altitude was unknown since a height finder isn't installed. An estimated height based on the masking angle at the above mentioned azimuth would be 10,000' or less.

e. Observers:

(1) Visual:

A/1C Ramsey, Earl C., AF 14364873, DAFSC 27350
A/1C Oberdorff, Leonard H., AF 13280099, PA7SC 27350

(2) Electronic:

Airmen listed in paragraph 1.e.(1) above.
A/2C Williams, Donald E., AF 13404942, DAFSC 27350

(3) All three observers are reliable airmen with considerable experience as Aircraft Control & Warning Operators.

f. A few thin clouds were in the sky. The period was just before dawn so the sky was changing from dark to light.

g. No activity or condition, meteorological or otherwise, which might account for the sighting is known.

h. No physical evidence exists.

i. No interception was attempted because no fighter aircraft were available.

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680th AC&W Sq

Subj: FLY03EPT

5 Sep 52

j. There was no air traffic on the radar within one hundred miles of the objects.

2. Statements from the three observers and copies of the Recorders Logs are attached as inclosures.

FOR THE COMMANDING OFFICER:

4 Incls:

1. Statement of A/1C Ramsey
2. Statement of A/1C Oberdorf
3. Statement of A/2C Williams
4. Recorders Logs

MATTHEW SPROUL JR
Captain, USAF
Adjutant

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DECLASSIFIED AFTER 12 YEARS.
DOD DIR 5200.10

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680TH AIRCRAFT CONTROL AND WARNING SQUADRON
29TH AIR DIVISION (DEFENSE)
Bonners Ferry, Idaho

5 September 1952

STATEMENT

While on duty as an Aircraft Control & Warning Operator in the early morning hours, 1 September 1952, at the 680th AC&W Squadron, located near Yank, Montana, I, A/LC Ramsey, Earl C., AF 14364873, and A/LC Oberdorff, Leonard H., AF 13280099, observed colored lights in the sky southeast of our station. During the first ten minutes of observation there were blips on the radar scopes in the same direction as the lights. These targets had the appearance of small permanent echoes. These targets would remain on the scope for a short time, disappear, then appear again within three or four miles from the former position.

The first light to move gave the appearance of a shooting star. This object left a thin vapor trail and disappeared without any unusual movement. About two minutes later another light moved in the opposite direction. This light was moving at a high rate of speed and going up and down with jerky movements. The movements were similar to a flat surfaced object skipping over water. The next two lights observed were at the same place as the previous two. They were side by side and remained stationary for about forty-five seconds, then began to move in every direction always remaining about the same distance apart. They disappeared in about the same place as they appeared.

The next light moved at a very high rate of speed. It moved in a straight course for a short distance then turned almost straight up. This object turned off and dived leaving a vapor trail on the downward course. The vapor trail was light and quickly disappeared. This object disappeared behind a thin mass of clouds. Another light was observed a short time after the previous one disappeared. This object dived and swiftly disappeared behind the same cloud, also leaving a vapor trail while diving.

By this time it was almost daylight. A light was observed moving towards the cloud where the last object had disappeared. The light disappeared and at the same time and place a black object appeared, changed direction and moved on a downward course in the opposite direction. This object came lower than any of the others before disappearing.

The last light observed was a short time later. This light appeared in a flash considerably higher than the others. After the flash a small light moved up and disappeared. At this time all the targets disappeared from the radar scopes.

DOWNGRADED AT 3:14:13 PM
DECLASSIFIED AFTER 12 YEARS
DOD DIR 5200.10

UNCLASSIFIED

Except for the flashes of different colors during the early observations, the lights remained a yellowish-white. The lights were round and smaller than the stars. These lights appeared at the same place except the last one which was higher.

Earl C. Ramsey

Earl C. Ramsey, AF 14364873
A/1C 680th ICHW Squadron

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DECLASSIFIED AFTER 12 YEARS.
DOD DIR 6200.10

UNCLASSIFIED

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8 Copies

VAPOR STARTING AT DIVE

DISAPPEARED BEHIND CLOUD

SKIPPING MOTION

SAME STARTING POINT AS OTHER

4. OBJECTS WERE OBSERVED MOVING RAPIDLY IN ALL DIRECTIONS:
OBJECTS WERE ALWAYS SAME DISTANCE APART.

VAPOR STARTING AT DIVE

DISAPPEARED BEHIND CLOUD

LIGHT

BLACK FROM TURN

HIGH FIFTEEN METERS
DIM LIGHT

FLASH

UNCLASSIFIED

DOWNGRADED AT 3:14 PM, 11/27/03;
DECLASSIFIED AFTER 32 YEARS;
DOD DIT 5200.10

5 September 1952

STATEMENT

I, A/1C Leonard Oberdorff, while on duty at the 680th Aircraft Control & Warning Squadron, Yaak, Montana, on the early morning of 1 September 1952, received a call from Sheegman (call sign of the 760th ACWS Squadron, Coleville, Washington) concerning a strange light in the sky, southeast from our station. I immediately went out of the building to see if I could, perhaps, see such a light. I scanned the sky in several directions before I saw a light. My first glimpse was a very bright blue light, but it lasted only about a minute then it faded into a light green. The light that I saw was in a slow moving orbit. I was startled at first so I closed my eyes and opened them again. The light was still there. I stared at it a few minutes and the light seemed at this time more of a yellow than the previous mentioned colors. I did not think anyone would believe me so I went inside the building and relieved A/1C Ramsey, who was on duty at the radar scope. He went outside and observed in the direction which I informed him. At this time I was scope operator and I adjusted the scope for 90° and 130° scanning. The first pip or possible target was 125°, 53 miles. After that it appeared as a permanent echo. After about 10 sweeps (2 minutes) of the radar beam it completely disappeared almost the same time that it disappeared, another pip appeared, azimuth 134°, 73 miles. It also seemed like a permanent echo. It only stayed on the scope for 1½ minutes. These pips were at no time masked by malfunction of the radar set. At one time I was able to determine the speed if the two pips were the same target, but it cannot be possible to say that they were the same object. It was doing 20 miles in one minute or 1200 miles per hour. This pip was always inside a radius of 35 miles of the original sighting. The same pip was observed by A/2C Donald Williams within five minutes of my observation. It was daylight when it seemed to fade both visually outdoors and electronically indoors.

Leonard H. Oberdorff
 Leonard H. Oberdorff
 A/1C USAF
 AF 13280099

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

2nd 28
 UNCLASSIFIED

**680TH AIRCRAFT CONTROL AND WARNING SQUADRON
29TH AIR DIVISION (DEFENSE)
Bonners Ferry, Idaho**

5 September 1952

STATEMENT

While on duty as an ACAM Operator at the 680th Aircraft Control and Warning Squadron, Tusk, Montana, on the morning of 1 September 1952, between the hours of 1100 and 1200 Zebra, I picked up some targets on the PPI scope of the AN/TPS-3 radar which appeared between 120° and 140° in azimuth and from 70 to 80 miles in distance. These targets were identified as unknown or unknown objects. The presentation on the scope appeared as aircraft usually do except they were possible a little smaller than normal. They would stay in one position for a few minutes and then disappear only to reappear a few seconds later at a distance of five or six miles from the original appearance, however, I couldn't tell if this was a move on the initial target. So I couldn't calculate the speed of the object or objects. Other than the fact they appeared to move so fast, there wasn't any difference in these objects and moving ordinary targets, other than the smallness of the presentation as noted above.

During the period I was observing the radar presentations A/1C Ramsey and A/1C Oberdorf were either at a scope with me or outside making visual observations.

Donald E. Williams

Donald E. Williams, AF 13404942
A/2C 680th ACAM Squadron

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DECLASSIFIED AFTER 12 YEARS.
DOD DIR 5200.10

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A dark, heavily textured rectangular object, possibly a piece of wood or stone, with a rough, irregular surface. The texture is grainy and uneven, with some lighter spots and a darker, more solid-looking area on the left side. The edges are slightly irregular.

RECORDERS LOG

DATE: 1 Sept 1952

NUMBER 0'Dell SHEET NO. 2 FROM 0514 TO 1526 Z

EXTRACT

[illegible]

~~IncE #1~~

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DECLASSIFIED AFTER 12 YEARS.
DOD DIR 5200.10

UNCLASSIFIED

Indiv.

ROUTING

J. NT MESSAGEFORM

COMMUNICATIONS CENTER NO.

UNCLASSIFIED

SPACE ABOVE FOR COMMUNICATIONS CENTER ONLY

FROM: (Originator)

DATE-TIME GROUP

262430Z SEP 52

PRECEDENCE
FOR:

ACTION

INFORMATION

TO:

CQ ATIC

CO 25TH AIR DIV DEFENSE EVERETT WASH

UNCLASSIFIED

NO 3902

C-1

ROUTINE

15 SEP 52 09 13

FM 25 AIR DIV DEFENSE EVERETT WASH 111800Z
TO AMC WPAFB OHIO

25 ADIV ODI-C9-06

PROJ BLUE BOOK. URMSG IC-1016. NO REC OF MSG C1-24 IN THIS HQ.
REQ THIS HQ BE NOTIFIED OF OFF OF ORIGIN
12/1952ZPARAPHRASE NOT REQUIRED. SEE CRYPTO-CENTER
BEFORE DECLASSIFYINGDOWNGRADED AT 3 YEAR INTERVALS
DECLASSIFIED AFTER 12 YEARS
DOD DIR 5200.10

UNCLASSIFIED

ATIA

DRAFTER'S NAME (and signature, when required)

SYMBOL

ATIA-5

TELEPHONE

64364

UNCLASSIFIED

RELEASING OFFICER'S SIGNATURE

OFFICIAL TITLE ROBERT E. KENNEDY, MAJOR, USAF
ATTN: ADJUTANT GENERAL

PAGE 1 OF 1 PAGES

DD FORM 173
1 OCT 49REPLACES NME FORM 173, 1 MAY 48,
WHICH MAY BE USED.

16-58023-8 ☆ U. S. GOVERNMENT PRINTING OFFICE

BOULDER

MESSAGEFORM

COMMUNICATIONS CENTER NO.

UNCLASSIFIED

ER ONLY

DATE-TIME GROUP 261040Z SEP 50		[REDACTED]	
PRECEDENCE FOR:		ACTION ROUTINE	INFORMATION
☐ BOOK MESSAGE		☐ ORIGINAL MESSAGE	
☐ MULTIPLE ADDRESS		CRYPTOPRECAUTION ☐ YES ☐ NO	
REFERS TO MESSAGE:			
IDENTIFICATION 016-02-06		CLASSIFICATION Confidential	

INFO:

FROM: AF011-AT11A-913

Reference your message 001-19-06 dtd 111600Z. Our message IS-1016 was sent to you by mistake. Disregard.

In reply cite Project Blue Book.

COORDINATION:

ATCU

ASA

37

PAGE 1 OF 1 PAGES

DRAFTER'S NAME (and signature, when required)

RELEASING OFFICER'S SIGNATURE

SYMBOL

TELEPHONE

OFFICIAL TITLE

ROBERT S. KENNEDY, MAJOR, USAF
LIEUTENANT GENERAL

DD FORM 173
1 OCT 49

REPLACES NME FORM 173, 1 MAY 48,
WHICH MAY BE USED.

16-58933-2 ★ U. S. GOVERNMENT PRINTING OFFICE

ROUTING

JOINT MESSAGEFORM

COMMUNICATIONS CENTER NO.

UNCLASSIFIED

SPACE ABOVE FOR COMMUNICATIONS CENTER ONLY

FROM: (Originator)

DATE-TIME GROUP

152045Z SEPT 52

INFORMATION

FOR:

☐ BOOK MESSAGE

ROUTINE

☐ ORIGINAL MESSAGE☐ MULTIPLE ADDRESS

CRYPTOPRECAUTION

☐ YES☐ NO

REFERS TO MESSAGE:

X

IDENTIFICATION

CLASSIFICATION

CI-24

TO: ATIC

CO 29TH AIR DIV (DEF) GREAT FALLS AFB MONT

INFO:

FROM: AFOIN-ATIAA

Reference your message CI-24 dated 022340Z, subj: FLYOBRPT. Request the following data be included in Form 112. 1) Were objects first sighted visually or by radar? 2) Was estimate of altitude made on AN/FPS-3? 3) Complete description of visual and electronic appearance of targets. 4) Details of weather in area, including plots of altitude vs moisture content and temperature. 5) Did any GOC or Forest Service lookouts observe objects?

In reply cite Project Blue Book.

DOWNGRADED AT 8 YEAR INTERVALS;
DECLASSIFIED AFTER 12 YEARS.
DOD DIR 5200.10

COORDINATION:

ATIAA _____

ATIA _____

752 16506

DRAFTER'S NAME (and signature, when required)

UNCLASSIFIED

CAPT E. J. RUPPELT/JOS

TELEPHONE

SECURITY CLASSIFICATION

PAGE

OF

PAGES

RELEASING OFFICER'S SIGNATURE

1

1

OFFICIAL TITLE

ROBERT E. KENNEDY, MAJOR, USAF

AIR ADJUTANT GENERAL'S OFFICE

DD

FORM 1 OCT 49

173

REPLACES NME FORM 173, WHICH MAY BE USED.

UNCLASSIFIED

ROUTING

JOINT MESSAGEFORM

COMM

ATIONS CENTER NO.

UNCLASSIFIED

SPACE ABOVE FOR COMMUNICATIONS CENTER ONLY

FROM: (Originator)

CO ATIC

TO: CO 25TH AIR DIV (DEP) GREAT FALLS AFB MONT

INFO:

FROM: AFON-ATIAA

Reference your message CI-24 dated 022340Z, subj: FLYCBRPT. Request the following data be included in Form 112. 1) Were objects first sighted visually or by radar? 2) Was estimate of altitude made on AN/FPS-3? 3) Complete description of visual and electronic appearance of targets. 4) Details of weather in area, including plots of altitude vs moisture content and temperature. 5) Did any GOC or Forest Service lookouts observe objects? In reply cite Project Blue Book.

COORDINATION:

ATIAA _____

ATIA _____

DRAFTER'S NAME (and signature when required)

CAPT E. J. DUPPIT/308

SYMBOL

ATIAA-5

TELEPHONE

51182

UNCLASSIFIED

DATE-TIME GROUP

051905Z SEPT 52
PRECEDENCE ACTION 52
FOR: ROUTINE

INFORMATION

☐ BOOK MESSAGE☐ ORIGINAL MESSAGE☐ MULTIPLE ADDRESS

CRYPTOPRECAUTION

☐ YES☒ NO

REFERS TO MESSAGE:

IDENTIFICATION

CI-24

CLASSIFICATION

File
Yak, M...

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

T52-16083-

PAGE 1 OF 1 PAGES

RELEASING OFFICER'S SIGNATURE

OFFICIAL TITLE

ROBERT E. KENNEDY, MAJOR, USAF
AIR ADJUTANT GENERALDD FORM 173
1 OCT 49REPLACES NME FORM 173, 1 MAY 49
WHICH MAY BE USED.

16-58922-3 U. S. GOVERNMENT PRINTING OFFICE

ATIAA-5 FILE

011130Z

GFA

E 144040

254/4

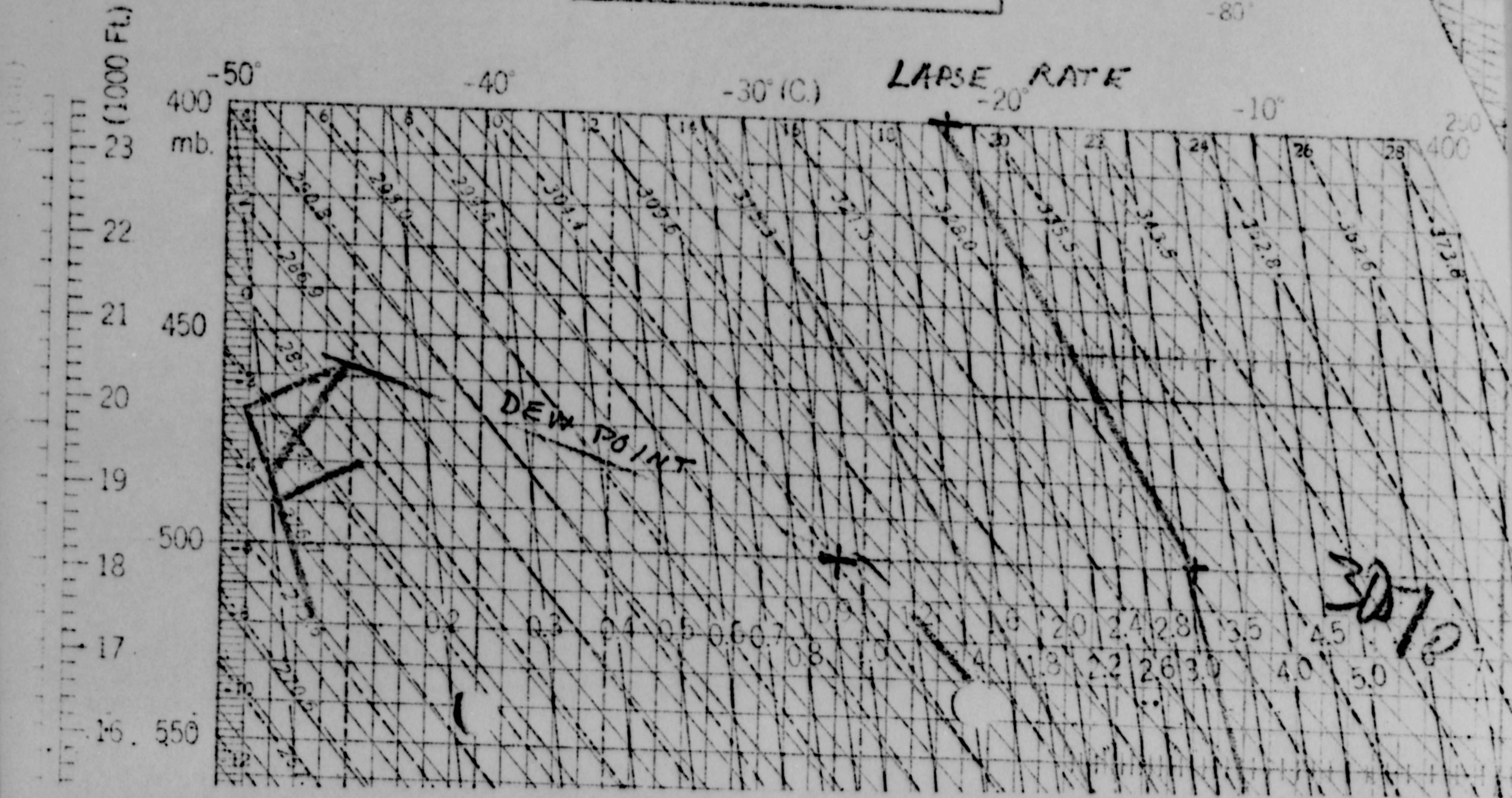
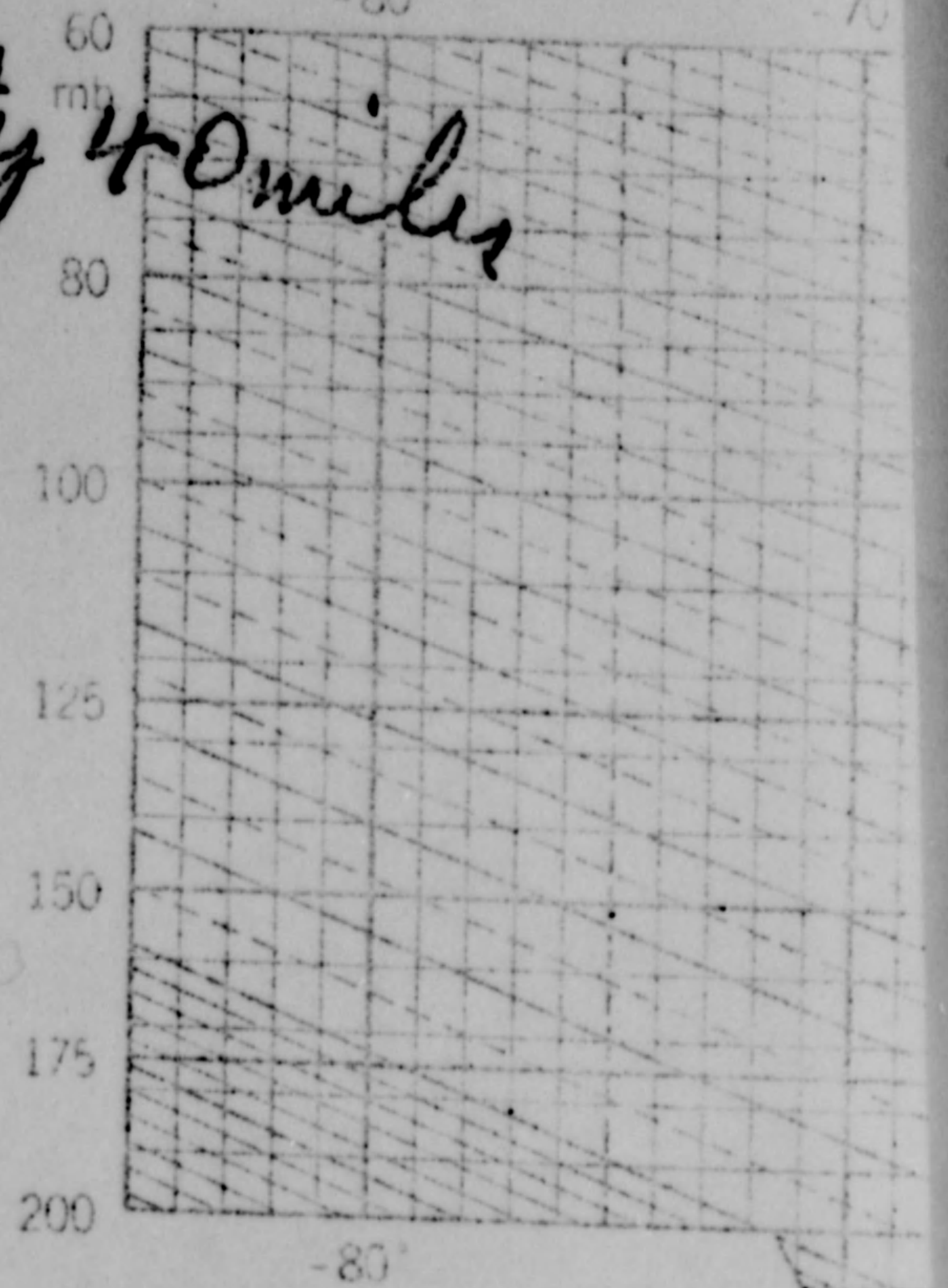
Estimated ceiling
14,000 feet

Visibility 40 miles

SEUDO-ADIABATIC DIAGRAM

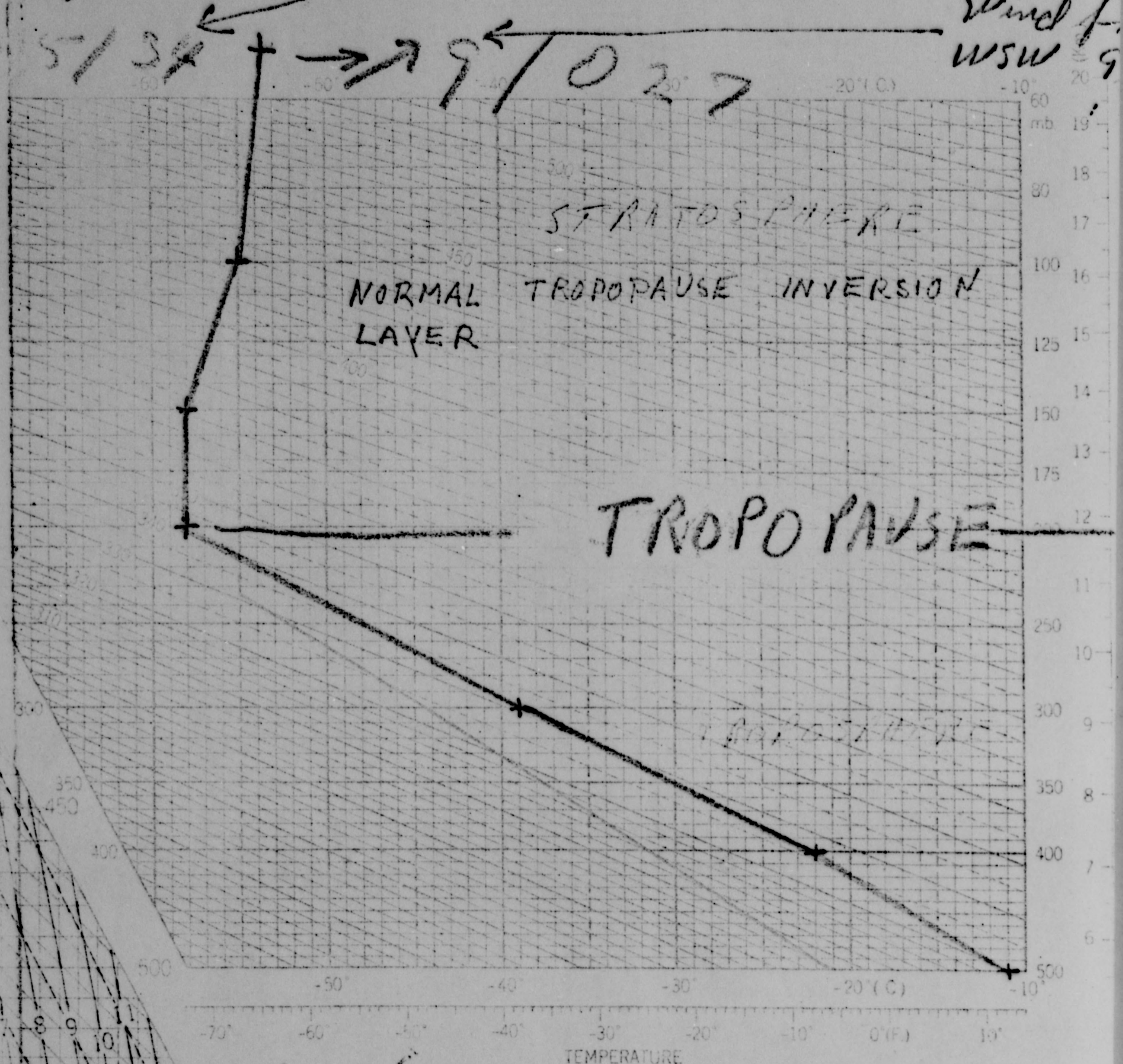
CHART ML-124A

- (1) Abscissas are temperatures in $^{\circ}\text{C}$.
 - (2) Ordinates are $P^{0.285}$ where P = pressure in mb.
 - (3) Sloping straight lines on base are dry adiabats, i. e., lines of constant potential temperature ($^{\circ}\text{A}$).
 - (4) Broken, overprinted curves are pseudo-adiabats. Figures thereon are equivalent potential temperatures ($^{\circ}\text{A}$) and potential pseudo-wet-bulb temperatures ($^{\circ}\text{C}$).
 - (5) Unbroken, overprinted curves are lines of constant saturation mixing ratio in grams of water vapor per kilogram of dry air (assuming saturated conditions).
 - (6) The latter two sets of curves are computed under the assumption that for all temperatures, including those below 0°C , saturation is with respect to a flat surface of liquid water.
 - (7) The printed curve on the base, passing through the point $t = 15^{\circ}\text{C}$, $P = 1013.25$ mb., represents the U. S. Standard Atmosphere pressure-temperature relationship. Stratospheric temperatures are assumed to be -55°C . at pressures less than 231.5 mb.
- Absolute temperatures are in the approximate absolute scale: $T^{\circ}\text{A} = (273 + t^{\circ}\text{C})$.



Temperature 45°F Dew Point 34°F

Wind f.
WSW 9



Station No. Name: GREAT FALLS

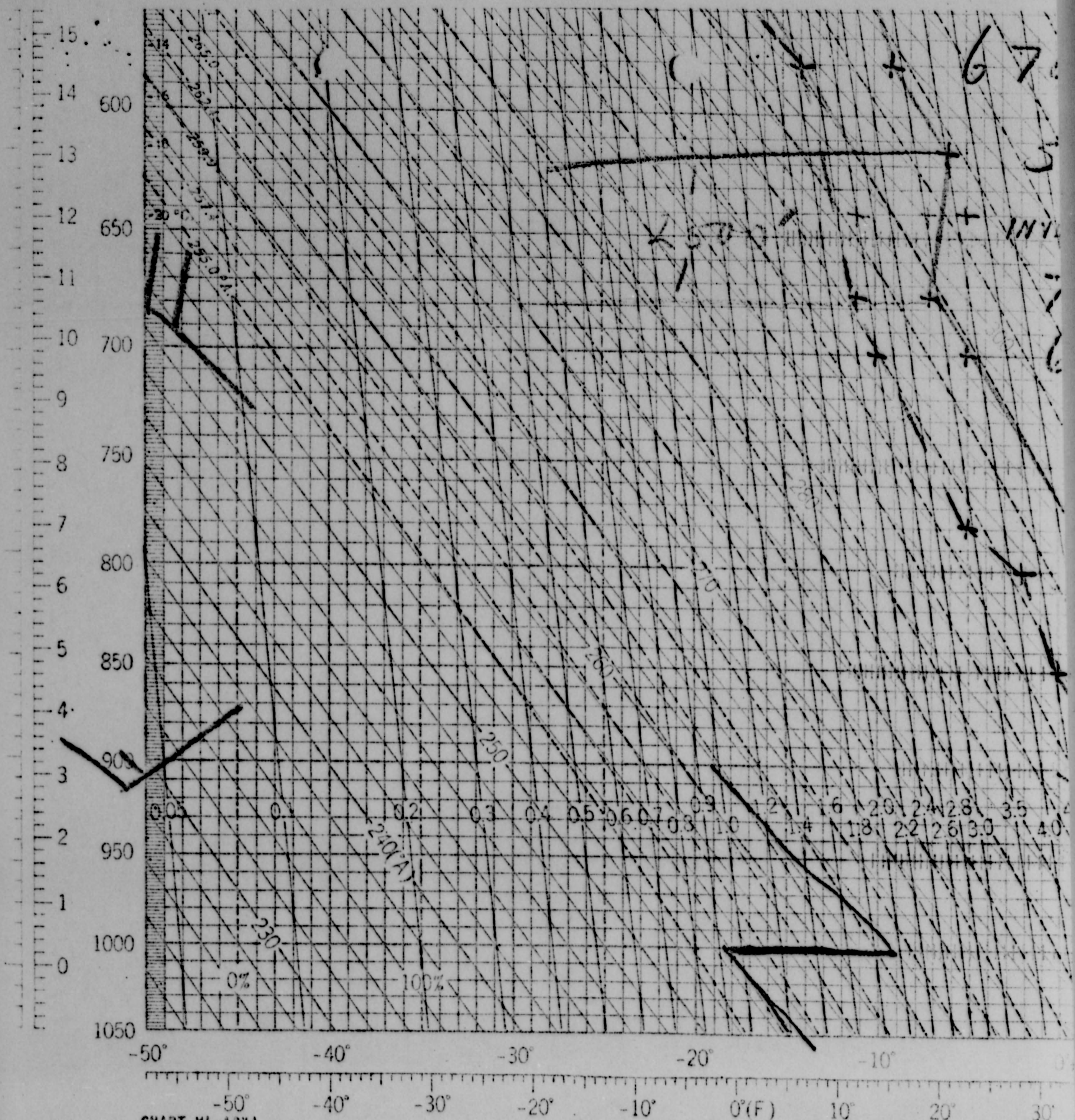


CHART ML-124A
1 JULY 1945 - SIG C STOCK NO. 7A507A

TEMP

Date (Z): 1 SEPT Hour: 1500 Z

Local Time: 0800 MST Station Height $\pm 3500'$

Plotted By: Time Completed:

ADDITIONAL LAYER

73 470

68 70

62 470

80 370

71 470

R.H.

75 470

RELATIVE

HUMIDITY

0 45 50 6 7 8 9 10 11 13 15 17 19 22 26 30 34 38 45 55 60

10° 20° 30° 40° 50°

11

unarm

TEMPERATURE

a fold on

Wind

=

11
12

1.000.

NO. 2600-701-638-000

01 11302

SKA

030

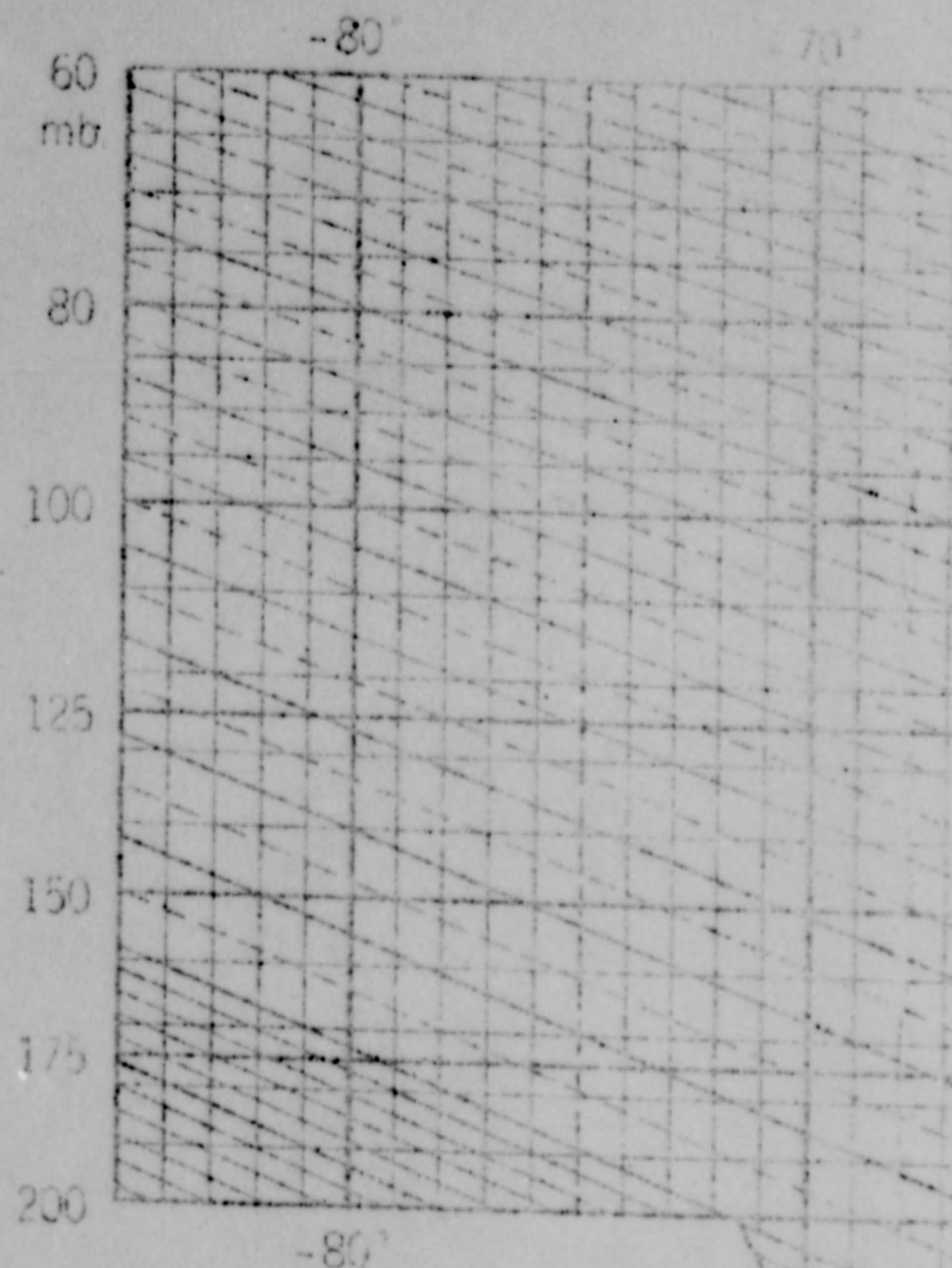
217153

139

= 2.5

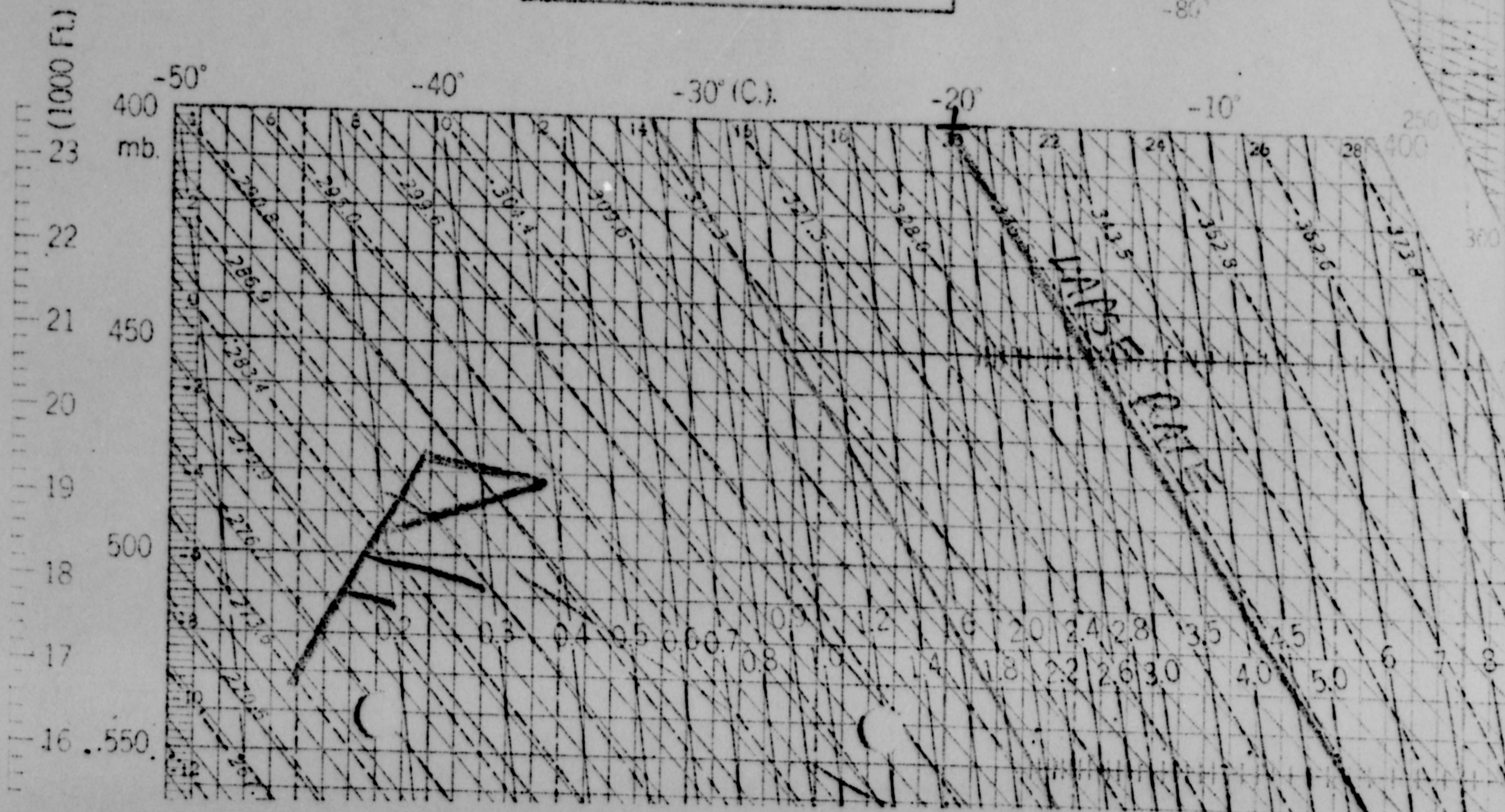
LEGEND

- (1) Abscissas are temperatures (t) in $^{\circ}\text{C}$.
 - (2) Ordinates are $P^{0.283}$ where P = pressure in mb.
 - (3) Sloping straight lines on base are dry adiabats, i. e., lines of constant potential temperature ($^{\circ}\text{A}$).
 - (4) Broken, overprinted curves are pseudo-adiabats. Figures thereon are equivalent potential temperatures ($^{\circ}\text{A}$) and potential pseudo-wet-bulb temperatures ($^{\circ}\text{C}$).
 - (5) Unbroken, overprinted curves are lines of constant saturation mixing ratio in grams of water vapor per kilogram of dry air (assuming saturated conditions).
 - (6) The latter two sets of curves are computed under the assumption that for all temperatures, including those below 0°C , saturation is with respect to a flat surface of liquid water.
 - (7) The printed curve on the base, passing through the point $t = 15^{\circ}\text{C}$, $P = 1013.25$ mb., represents the U. S. Standard Atmosphere pressure-temperature relationship. Stratospheric temperatures are assumed to be -55°C at pressures less than 234.5 mb.
- Absolute temperatures are in the approximate absolute scale: $T^{\circ}\text{A} = (273 + t^{\circ}\text{C})$.

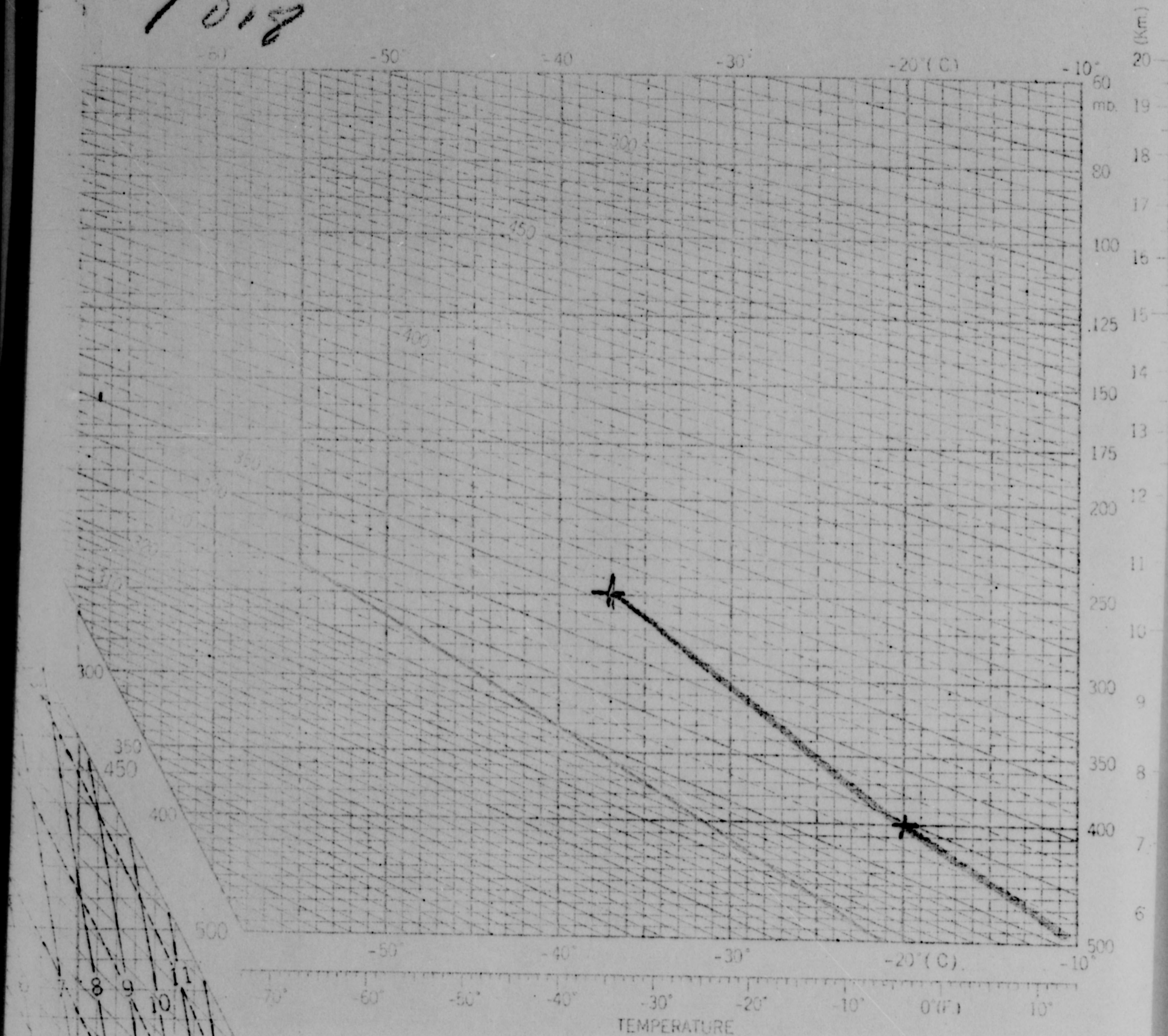


PSEUDO-ADIABATIC DIAGRAM

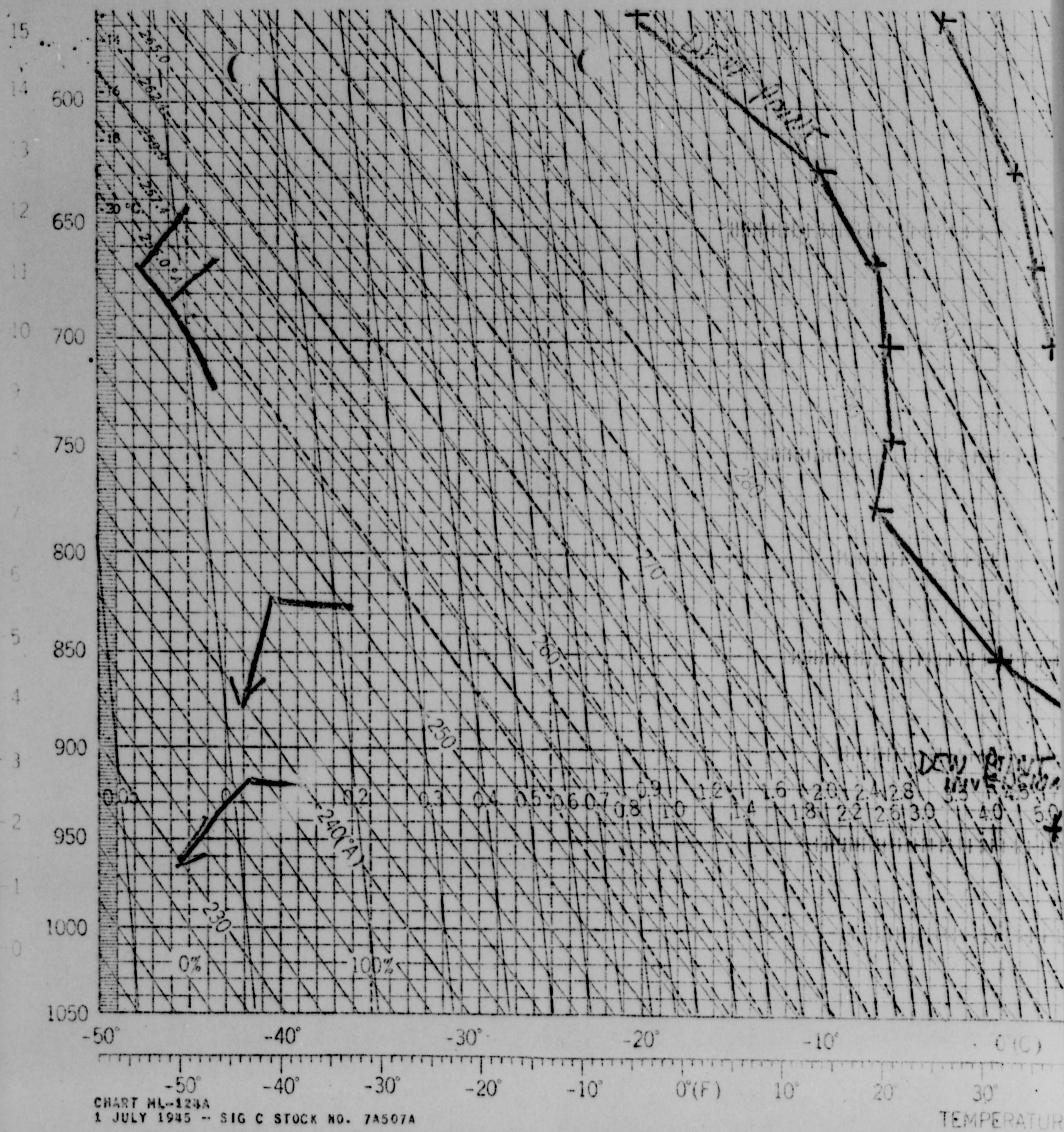
CHART ML-124A



1018



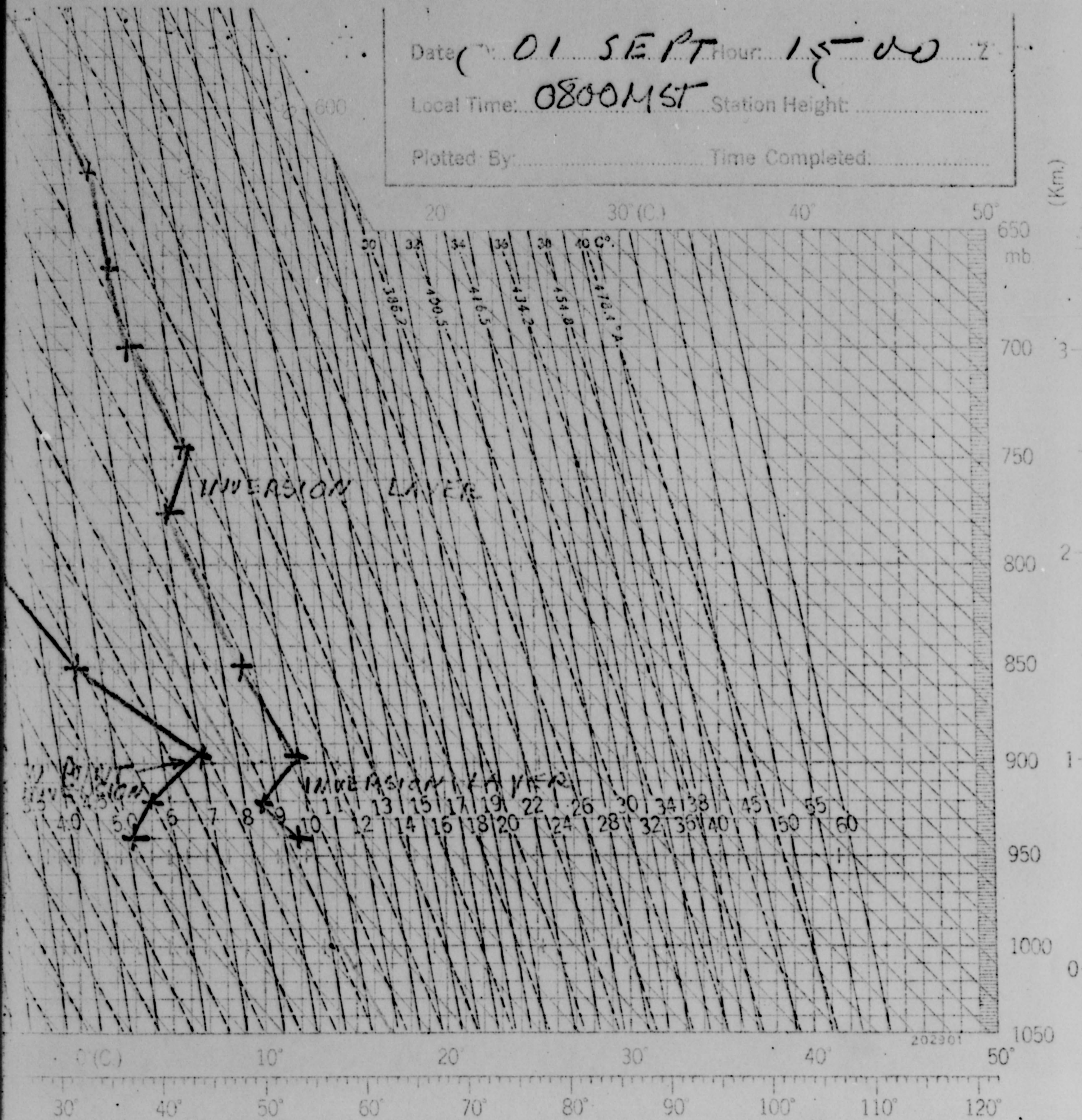
Station No: Name: SPOKANE



Date: 01 SEPT Hour: 1500

Local Time: 0800 MST Station Height:

Plotted By: Time Completed:



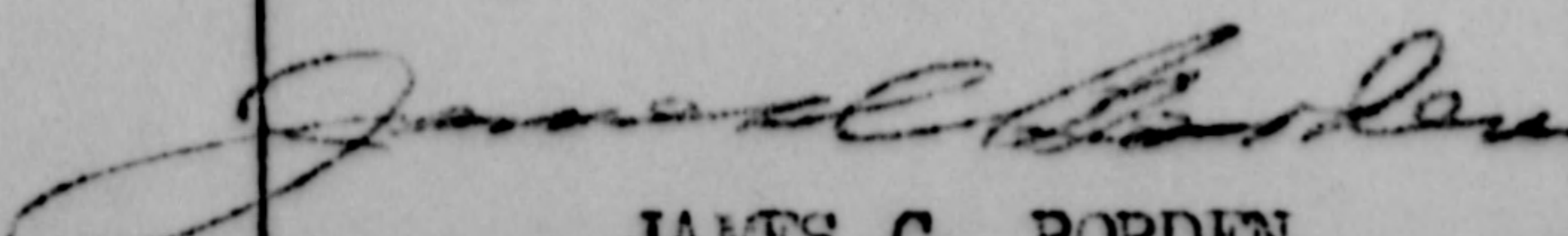
TEMPERATURE

GPO : 1951 O - 355645

A.F. STOCK NO. 2600-701-638-000

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UNCLASSIFIED

UNITED STATES AIR FORCE THE INSPECTOR GENERAL OFFICE OF SPECIAL INVESTIGATIONS REPORT OF INVESTIGATION		FILE NO. 24-8-41	DATE 8 October 1952
TITLE UNKNOWN SUBJECT(S) Sighting of Unidentified Aerial Objects Over Tucson, Arizona 2 September 1952	REPORT MADE BY S/A ROBERT C. SHOEMAKER	lm	
	REPORT MADE AT DO #17, Kirtland AFB, N. M.		
	PERIOD 2 September 1952		
	OFFICE OF ORIGIN DO #17, Kirtland AFB, N. M.		
CHARACTER SPECIAL INQUIRY - AERIAL PHENOMENA		STATUS CLOSED	
REFERENCE None, this is an initial report.			
SYNOPSIS Investigation requested by District Commander predicated upon information concerning the observation of nine (9) aerial objects, silver in color, flying in an irregular S formation over Tucson, Arizona, on 2 September 1952. Objects travelling at a fast rate of speed at an altitude estimated between 50,000 and 60,000 feet. 2 SEPT-52 Tucson, Ariz. DOWNGRADED AT 8 YEAR INTERVAL DECLASSIFIED AFTER 12 YEARS DOD DIR 5200.10 Disclosure of the nature, sources, or even the existence of the information in this report to persons not normally entitled to such information may be made only when expressly authorized by the Director of Special Investigations, IG, or higher authority. Unauthorized disclosure of such information will be considered to be a violation of AFR 205-1.			
DISTRIBUTION	ACTION COPY FORWARDED TO	FILE STAMP	
CG, Air Tech Intell Center Wright-Patterson AFB, Ohio (Action cy)(w/incl) 2	Commanding General Air Technical Intell Center Wright-Patterson AFB, Ohio		
Hq OSI	2		
File	2		
APPROVED  JAMES C. BORDEN Lt Col, USAF District Commander.		UNCLASSIFIED	

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R7C

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DETAILS:

1. This investigation requested by the District Commander, predicated upon information furnished by Captain RUDOLPH H. PESTALOZZI, Assistant Wing A-2, Davis-Monthan Air Force Base, Arizona, concerning the observation of unidentified aerial objects by M/Sgt [REDACTED].

2. At 1750 (MST) 2 September 1952, M/Sgt [REDACTED], [REDACTED], 64th Bomb Squadron, Davis-Monthan Air Force Base, Arizona, and his friend Mr. [REDACTED] of [REDACTED], Tucson, Arizona, observed nine (9) large, silver colored unidentified objects in an irregular S formation. The objects appeared round on top and flat on the bottom and were travelling at a very fast rate of speed. M/Sgt [REDACTED] estimated this formation to be at 50,000 to 60,000 feet in altitude and ten (10) to fifteen (15) miles away. The surfaces of these objects reflected sunlight during two turns executed by the formation.

3. The objects observed by M/Sgt [REDACTED] and Mr. [REDACTED] were round on top, flat on the bottom and shiny silver in color. Although these objects were about ten (10) to fifteen (15) miles distant and at what appeared to be 50,000 to 60,000 feet of altitude, they were the same size as a B-29 or B-50 flying in the same compass quadrant roughly five miles away at 10,000' of altitude. The objects numbered at least seven (7) and were arranged in an irregular S formation. M/Sgt [REDACTED] states that the lower elements of the formation appeared to be changing positions so rapidly that his count could be inaccurate. These objects trailed no exhaust, emitted no sound, and travelled at an unestimable high rate of speed. When first observed, these objects were travelling in a southerly direction, maintaining this heading for approximately ten (10) seconds. They changed course to an easterly direction and formation to a line stepped up in trail. After approximately five (5) seconds of easterly flight, the formation again changed directions to the northeast and assumed the same irregular S formation in reverse. The formation disappeared after about ten (10) seconds for no apparent reason. The observer says that they did not just disappear as if due to distance. These objects reflected sunlight much in the same manner as the B-29 or B-50 but seemed to have a more highly polished, more efficient reflecting surface. These reflections came from the West side of each object during all turns and maneuvers.

4. Captain [REDACTED] states that M/Sgt [REDACTED] has ten years of service in the Air Force, is of average intelligence and seems to be very sincere in his relation of this sighting. He is judged by his superiors to be completely reliable. M/Sgt [REDACTED] is convinced that this observation was not the result of meteorological or astronomical phenomena. Further, [REDACTED] is in good physical condition and has never suffered from hallucinations.

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~~CONFIDENTIAL SECURITY INFORMATION~~

R7C

~~CONFIDENTIAL SECURITY INFORMATION~~

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INCLOSURES:

FOR COMMANDING GENERAL, AIR TECHNICAL INTELLIGENCE CENTER, WRIGHT-
PATTERSON AIR FORCE BASE, OHIO

Diagram showing location of sighting and formation of objects.

CLOSED

3

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R7C

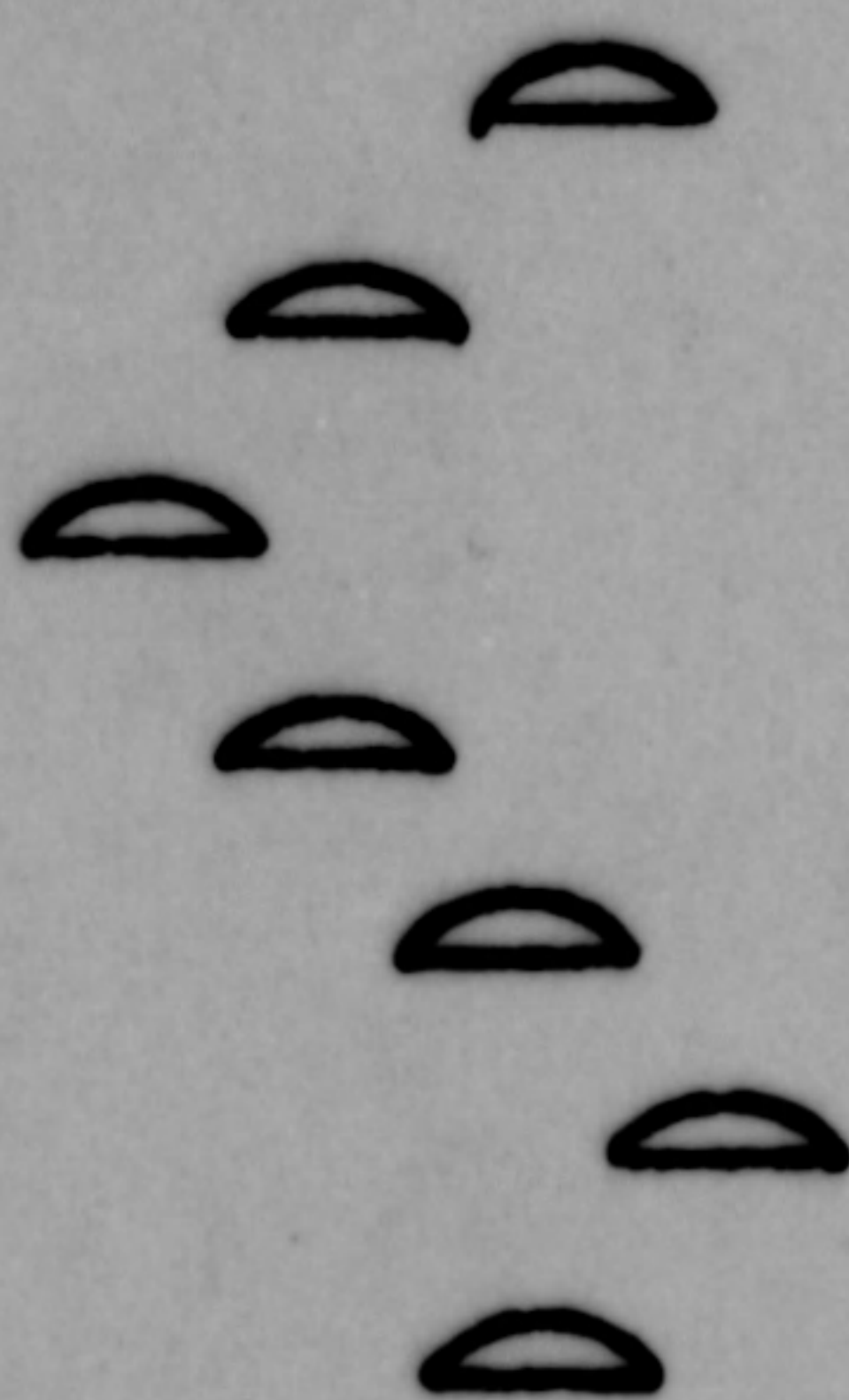
~~RESTRICTED~~

UNCLASSIFIED

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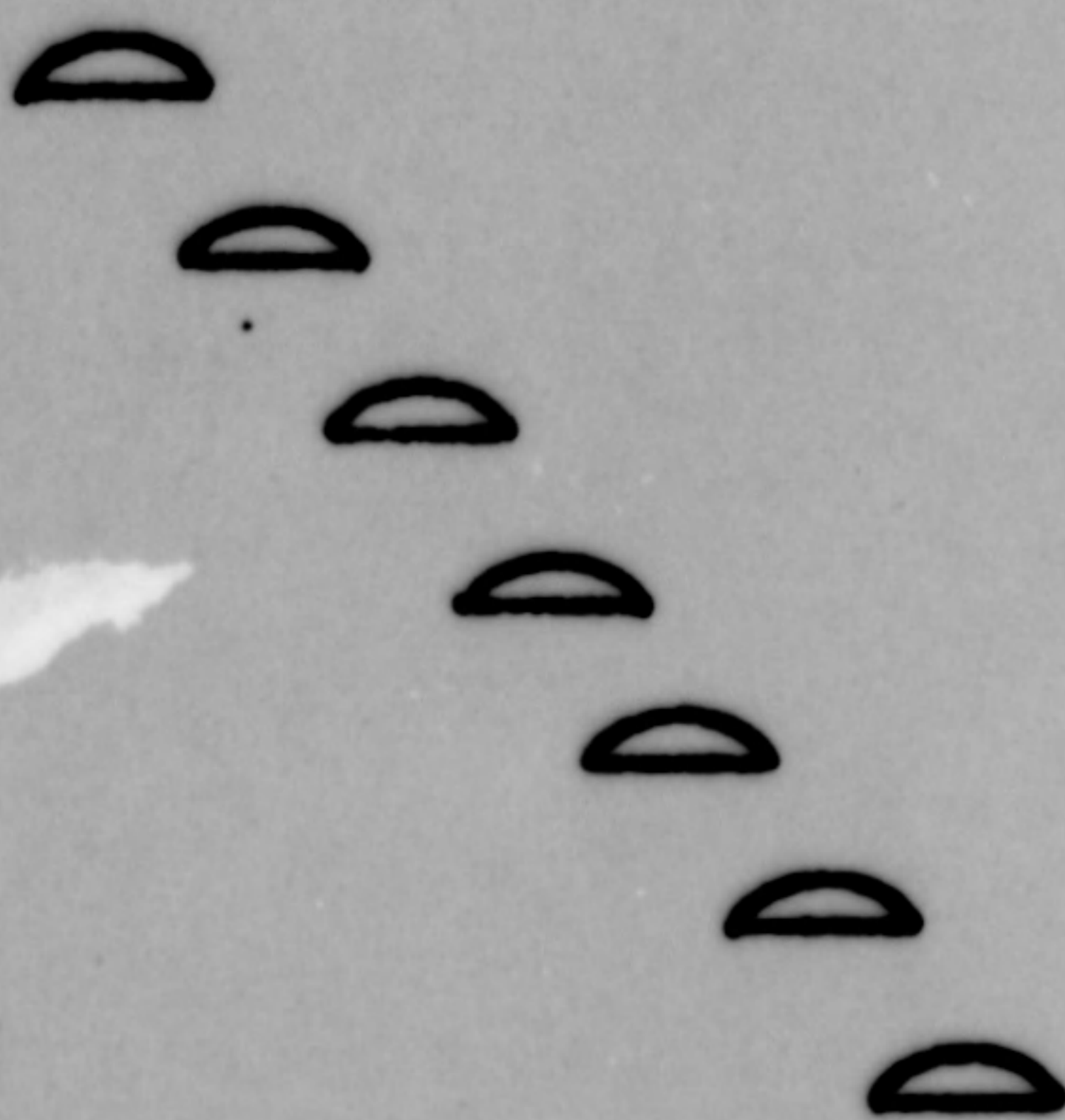
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Diagram #1



HEADING SOUTH

Diagram #2



HEADING EAST

Diagram #3



HEADING NORTHEAST



(AIRCRAFT & OBJECTS
SAME LENGTH)



B-29
OR
B-50

OBSERVERS
POSITION



TUCSON
MOUNTAINS

OLD
TUCSON

UNCLASSIFIED

~~RESTRICTED~~

~~RESTRICTED~~

HEADQUARTERS STRATEGIC AIR COMMAND
OFFUTT AIR FORCE BASE
OMAHA, NEBRASKA

UNCLASSIFIED

27 SEP 1952

DINC 350

SUBJECT: (Unclassified) FLYOBRPT

TO: Chief,
Air Technical Intelligence Center
Wright-Patterson Air Force Base
Ohio

The attached Air Intelligence Information Report is forwarded
as per instructions AFL 200-5, dated 29 April 1952, subject, FLYOBRPT.

FOR THE COMMANDING GENERAL:

Hal E. Bilyett
HAL E. BILYETT
MAJOR, USAF
Asst Adj Gen

1 Incl
IR-140-52

UNCLASSIFIED

~~RESTRICTED~~

USA

~~IR-140-52~~ UNCLASSIFIED

FLYOVERPT

Tucson, Arizona

43rd Bomb Wing, Intelligence Division

10 September 1952

2 September 1952

B-6

Capt R. H. Pestalozzi

M/Sgt ~~REDACTED~~

AFOIN C/CC - 2

1. At 17:50, MST, 2 September 1952, M/Sgt ~~REDACTED~~, 64th Bomb Squadron, Davis-Monthan Air Force Base and his friend Mr. ~~REDACTED~~ of ~~REDACTED~~, Tucson Arizona, observed 9 large, silver colored unidentified objects in an irregular S formation. (See diagram #1). The objects appeared round on top and flat on the bottom and were traveling at a very fast rate of speed. M/Sgt ~~REDACTED~~ estimated this formation to be at 50,000 to 60,000 feet in altitude and 10 to 15 miles away. The surfaces of these objects reflected sunlight during two turns executed by the formation.

2. Significance: Unknown

APPROVED:

Rudolph H. Pestalozzi
RUDOLPH H PESTALOZZI
Capt, USAF
Asst Wing A-2

UNCLASSIFIED

~~REDACTED~~

UNCLASSIFIED

43rd Bomb Wing, Intelligence Div

IR-140-52

2

4

1. The objects observed by W/Sgt [redacted] and Mr [redacted] were round on top, flat on the bottom and shiny silver in color. Although these objects were about 10 to 15 miles distant and at what appeared to be 50,000 to 60,000 feet of altitude, they were the same size as a B-29 or B-50 flying in the same compass quadrant roughly five miles away at 10,000 feet of altitude. The objects numbered at least 7 and were arranged in an irregular S formation (See diagram #1). W/Sgt [redacted] states that the lower elements of the formation appeared to be changing positions so rapidly that his count could be inaccurate. These objects trailed no exhaust, emitted no sound, and traveled at an unestimable high rate of speed. When first observed these objects were traveling in a southerly direction, maintaining this heading for approximately 10 seconds. They changed course to an easterly direction and formation to a line stepped up in trail (See diagram #2). After approximately 5 seconds of easterly flight, the formation again changed directions to the northeast and assumed the same irregular S formation in reverse (See diagram #3). The formation disappeared after about 10 seconds for no apparent reason. The observer says that they did not just disappear as if due to distance. These objects reflected sunlight much in the same manner as the B-29 or B-50 but seemed to have a more highly polished, more efficient reflecting surface. These reflections came from the west side of each object during all turns and maneuvers.

2. Time sighted: 17:50 MST, 2 September 1952

3. Manner of Observation: Visual only.

4. Location of Observer: 32° 16' 30" N / 111° 10' 40" W

5. Identifying information on Observer:

W/Sgt [redacted] has ten years of service in the Air Force, is of average intelligence and seems to be very sincere in his relation of this sighting. He is judged by his superiors to be completely reliable. W/Sgt [redacted] has had six years of experience in supply and is at present the Supply Sergeant for the 64th Bomb Squadron.

6. Weather and Wind Conditions:

Weather: 8000 scattered, visibility 50 miles.

Sea Level pressure 1006.8 millibars, Temperature 103°, Dew Point 42°

Wind North at 9 knots. Humidity 13%.

Wind: 2100 Z 02904/3004/43005/2304/62405
2305/82403/2502/02302/20303
40403/60108/80206/03603/50211
01304/50105/03217/53425/03514/53511
01607/50404/00608

7. Meteorological or Weather activity accounting for sighting: None

8. Physical Evidence: None

9. Interception or Identification action taken: None

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IR-140-52

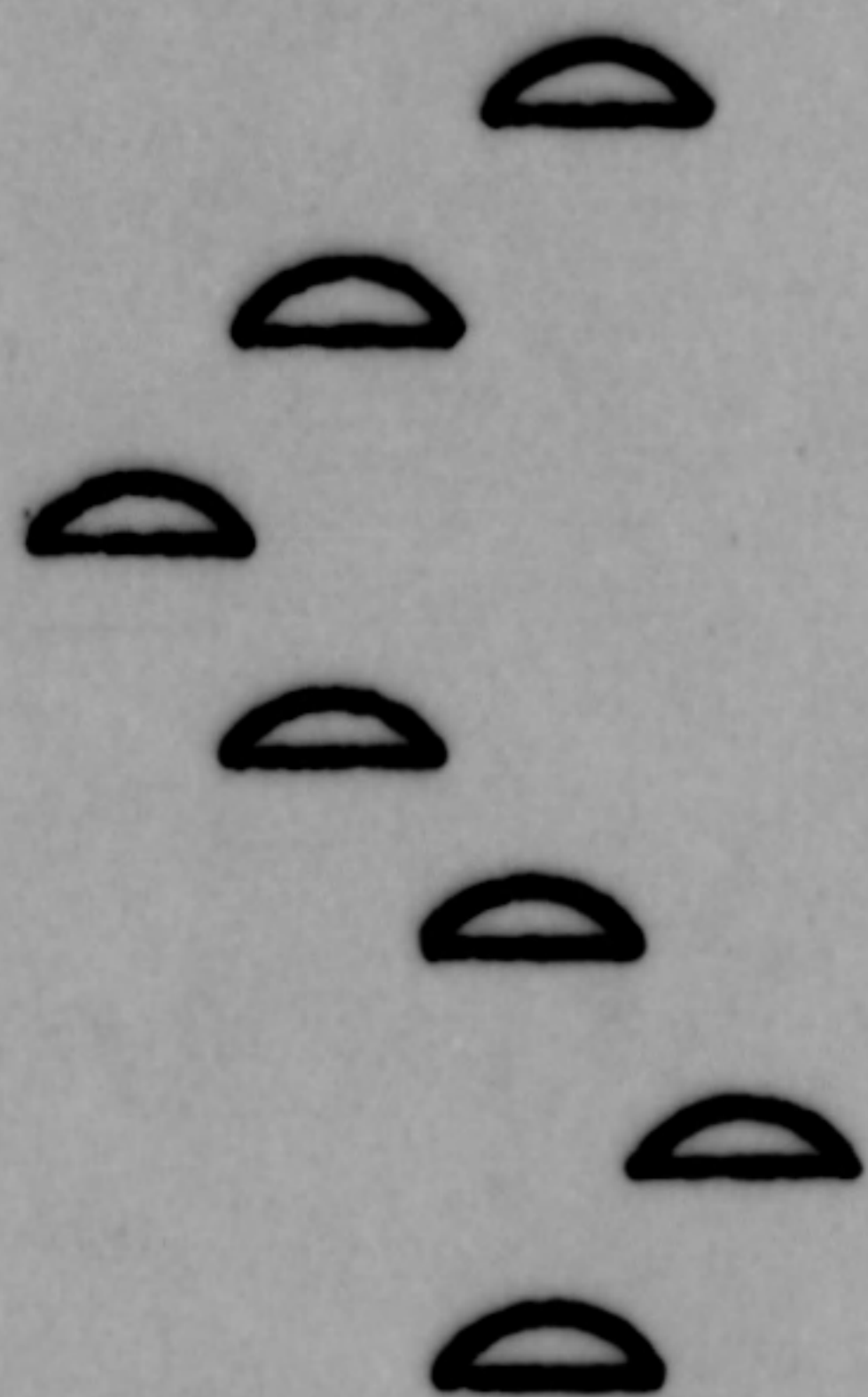
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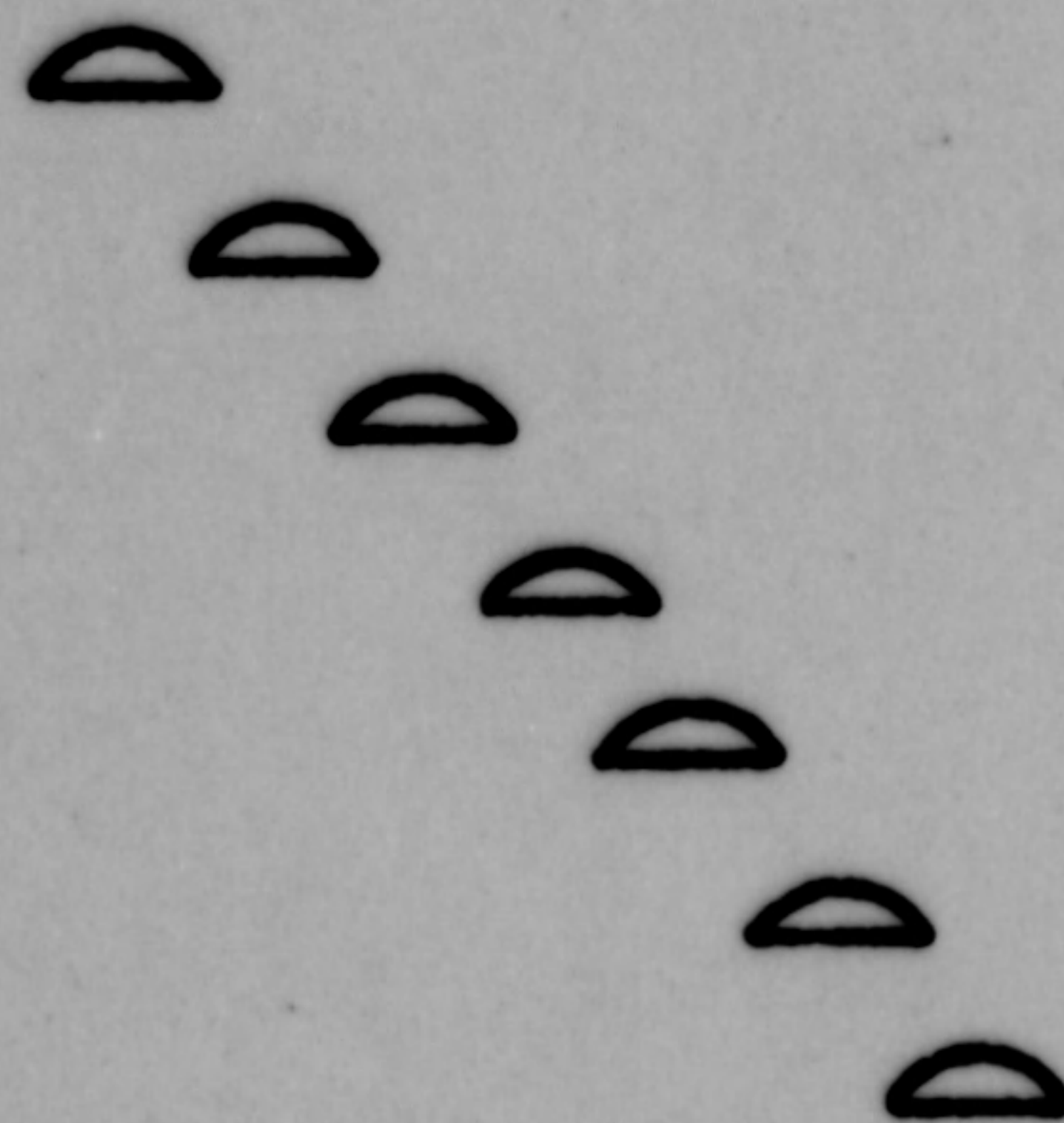
Diagram #1

Diagram #2

Diagram #3



HEADING SOUTH



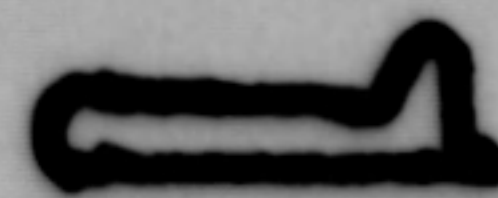
HEADING EAST



HEADING NORTHEAST



(AIRCRAFT & OBJECTS)
SAME LENGTH



B-29
OR
B-50

UNCLASSIFIED



TUCSON
MOUNTAINS

OBSERVERS
POSITION



OLD
TUCSON

~~CONFIDENTIAL~~

IR-140-52 UNCLASSIFIED

43rd Bomb Wing, Intelligence Div

3

4

10. Comments of preparing Officer:

1. E/Sgt [REDACTED] is convinced that this observation was not the result of meteorological or astronomical phenomenon. He is in good physical condition and has never suffered from hallucinations.

Rudolph H. Pestalozzi
RUDOLPH H. PESTALOZZI
Capt, USAF
Asst Wing A-2

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