PROJECT 10073 RECORD CARD

2. LOCATION
Yoak, Montana

4. TYPE OF OBSERVATION
☒ Ground-Visual ☐ Ground-Radar
☐ Air-Visual ☐ Air-Intercept Radar

5. SOURCE
Airman

8. NUMBER OF OBJECTS
2 or more

9. COURSE
Varied

CONCLUSIONS
☐ Was Balloon
☐ Probably Balloon
☐ Possibly Balloon
☐ Was Aircraft
☐ Probably Aircraft
☐ Possibly Aircraft
☐ Was Astronautical
☐ Probably Astronautical
☐ Possibly Astronautical
☐ Other
☐ Insufficient Data for Evaluation
☒ Unknown

LIGHTING
[illegible], yellow, white color.
[illegible] shape. Varied maneuvers.

11. COMMENTS

680th AC&W Sq Subj: FLYOBSPT 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:

MATTHEW SPROUL JR
Captain, USAF
Adjutant

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

[redacted]

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

[redacted]

UNCLASSIFIED

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 ACAW Squadron, located near Yaak, Montana, I, A/1C Ramsey, Earl C., AF 14364873, and A/1C Oberdorf, Leonard M., 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 echos. 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 then 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 considerable 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.

[redacted]

[redacted]

UNCLASSIFIED

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

UNCLASSIFIED

[redacted]

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 AC&W Squadron

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

[redacted]

UNCLASSIFIED

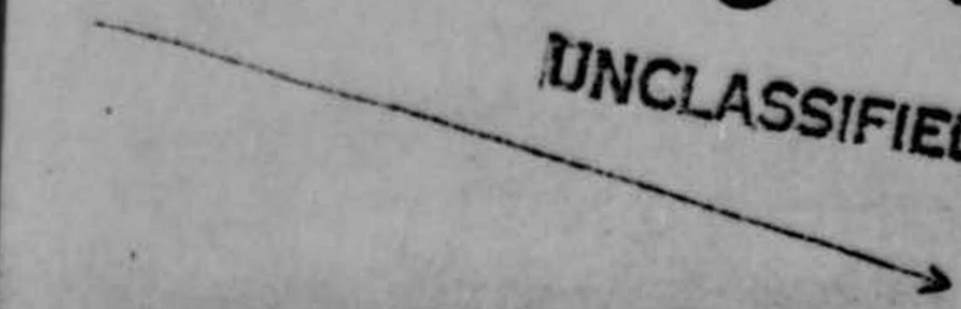
[redacted]

UNCLASSIFIED

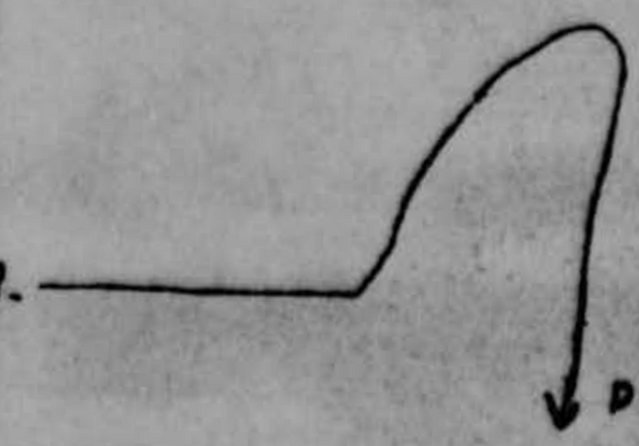
[redacted]

5 Copies

3- LIGHT VAPOR TRAIL. APPEARANCE OF SHOOTING



VAPOR STARTING AT DIVE

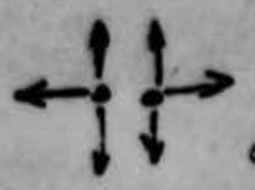
4. 

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.

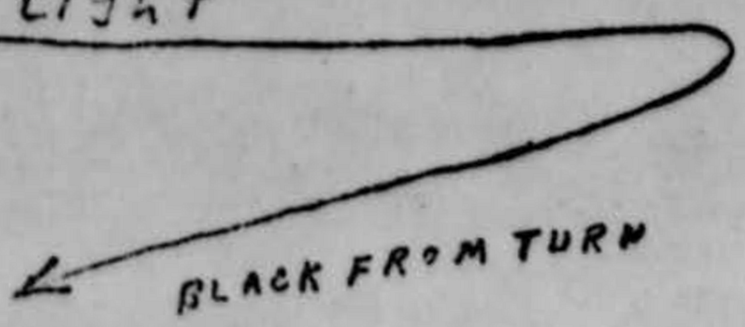
DOWNGRADED AT 3 YEAR INTERVALS; DECLASSIFIED AFTER 12 YEARS DOD DIR. 5200.10

5. VAPOR STARTING AT DIVE

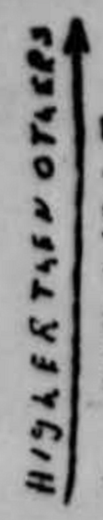


DISAPPEARED BEHIND CLOUD

6. LIGHT



BLACK FROM TURN

7. 

HIGHER THEN OTHERS

DIM LIGHT

FLASH

[redacted]

UNCLASSIFIED

[redacted]

Bonners Ferry, Idaho

5 September 1952

STATEMENT

I, A/1C Leonard Oberdorf, while on duty at the 680th Aircraft Control & Warning Squadron, Ysak, Montana, on the early morning of 1 September 1952, received a call from Sheepmen (call sign of the 760th ACW Squadron, Colville, 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 here. 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 129°, 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 caused 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 Oberdorf
Leonard H. Oberdorf
A/1C USAF
AF 13280099

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

[redacted]

Encl 2

UNCLASSIFIED

[redacted]

[redacted]

CLASSIFIED

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

5 September 1952

STATEMENT

While on duty as an ACAW Operator at the 680th Aircraft Control and Warning Squadron, Rock, 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 13402942
A/2C 680th ACAW Squadron

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

[redacted]

UNCLASSIFIED

UNCLASSIFIED

[redacted]

[redacted]

UNCLASSIFIED

RECORDERS LOG

RECORDER O'Dell DATE: 1 Sept 1952

PLOTTER O'Dell SHEET NO. 2 FROM 0514 TO 1526 Z

EXTRACT

TRACK NO	GRID COORDINATES	NO OF A/C	IDENTIFICATION	ALTITUDE	SPEED	IFF MODE	TIME	REMARKS
IP	FC 0350		UNK				1215	Cobalt orbiting (A-5)
A-5	FC 2040						1255	Fade

ROUTING

JOINT MESSAGEFORM

COMMUNICATIONS CENTER NO.

UNCLASSIFIED

SPACE ABOVE FOR COMMUNICATIONS CENTER ONLY

FROM: (Originator)

CG ATIC

DATE-TIME GROUP 262302 SEP 52

PRECEDENCE FOR: | ACTION | INFORMATION

TO:

CG 25TH AIR DIV [redacted]

UNCLASSIFIED

ATIC

[redacted]

ACTION

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

NO 3902

C-1 [redacted] ROUTINE 15SEP52 0913Z

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

[redacted]

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 12/1952Z

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

PARAPHASE NOT REQUIRED. SEE CRYPTO-CENTER BEFORE DECLASSIFYING

[redacted]

UNCLASSIFIED

ATIA [redacted]

[redacted]

SECURITY CLASSIFICATION [redacted] PAGE 1 OF 1 PAGES

DRAFTER'S NAME (and signature, when required) CAPT E. J. [redacted]

RELEASING OFFICER'S SIGNATURE

SYMBOL ATIAA-5

TELEPHONE 64365

OFFICIAL TITLE ROBERT E. KENNEDY, MAJOR, USAF
ATIC ADJUTANT GENERAL

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

35—34023-8 ☆ U. S. GOVERNMENT PRINTING OFFICE

3D WIB DIA DELIVER [illegible]

[redacted] HOLLOMAN

12 2[illegible]

[redacted]

[redacted]

[redacted] ONLY

[redacted] WASH

MESSAGEFORM

COMMUNICATIONS CENTER NO.

UNCLASSIFIED

DATE-TIME GROUP	[redacted]
262302 SEP 52	

PRECEDENCE FOR: | ACTION | INFORMATION

[illegible]

☐ BOOK MESSAGE | ☐ ORIGINAL MESSAGE

☐ MULTIPLE ADDRESS | CRYPTOPRECAUTION ☐ YES ☐ NO

REFERS TO MESSAGE:

IDENTIFICATION	CLASSIFICATION
OOI-09-06	Confidential

INFO:

FROM: AFOIN-ATIAA-9-1-52

Reference your message OOI-09-06 dtd 111300Z. Our message IE-1016 was sent to you by mistake. Disregard.

In reply cite Project Blue Book.

COORDINATION:

ATIAA _____

ATIA _____

_____

[redacted]

PAGE 1 OF 1 PAGES

DRAFTER'S NAME (and signature, when required)

CAPT E. J. [illegible]

UNCLASSIFIED

RELEASING OFFICER'S SIGNATURE

SYMBOL: ATIAA-5

TELEPHONE: 64365

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

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

16—30923-8 ☆ U. S. GOVERNMENT PRINTING OFFICE

ROUTING

JOINT MESSAGEFORM

COMMUNICATIONS CENTER NO.

UNCLASSIFIED

SPACE ABOVE FOR COMMUNICATIONS CENTER ONLY

FROM: (Originator)

DATE-TIME GROUP [redacted]

FOR: [redacted] SEPT 52

INFORMATION

TO: ATIC

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

☐ BOOK MESSAGE ROUTINE ☐ ORIGINAL MESSAGE

☐ MULTIPLE ADDRESS CRYPTOPRECAUTION ☐ YES ☐ NO

REFERS TO MESSAGE: X

IDENTIFICATION: CI-24 CLASSIFICATION: [redacted]

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

COORDINATION:

ATIAA _____

ATIA _____

[redacted]

T52-16506

SECURITY CLASSIFICATION [redacted] PAGE 1 OF 1 PAGES

DRAFTER'S NAME (and signature, when required)

UNCLASSIFIED

SIGNATURE E. J. RUPPELT/jos TELEPHONE

RELEASING OFFICER'S SIGNATURE

OFFICIAL TITLE

ROBERT E. KENNEDY, MAJOR, USAF
AIR ADJUTANT GENERAL'S OFFICE

ATIAA-5

DD FORM 1 OCT 49 173 REPLACES NME FORM 173, 65366 WHICH MAY BE USED.

UNCLASSIFIED

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
#1145

Capt R. L. James
15 September 1952

9-3717-19

ROUTING

JOINT MESSAGEFORM

COMMUNICATIONS CENTER NO.

UNCLASSIFIED

SPACE ABOVE FOR COMMUNICATIONS CENTER ONLY

FROM: (Originator)

CO ATIC

DATE-TIME GROUP [redacted]

PRECEDENCE FOR: ACTION ROUTINE INFORMATION

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

☐ BOOK MESSAGE ☐ ORIGINAL MESSAGE

☐ MULTIPLE ADDRESS CRYPTOPRECAUTION ☐ YES ☒ NO

REFERS TO MESSAGE:

IDENTIFICATION: CI-24 CLASSIFICATION: [redacted]

INFO:

ATIAA-5 FILE

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 CGC or Forest Service lookouts observe objects?

In reply cite Project Blue Book.

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

File

York, Me.

COORDINATION:

ATIAA _____

ATIA _____

[redacted]

T52-16083

[redacted] UNCLASSIFIED

PAGE 1 OF 1 PAGES

DRAFTER'S NAME (and signature when required)

Capt E. J. Ruppelt/jos

RELEASING OFFICER'S SIGNATURE

SYMBOL: ATIAA-5

TELEPHONE: 51182

OFFICIAL TITLE: ROBERT B. KENNEDY, MAJOR, USAF
AIR ADJUTANT GENERAL

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

16—38933-8 ☆ U. S. GOVERNMENT PRINTING OFFICE

01 1130Z

GFA E 14 0 16 40

Estimated ceiling 14,000 feet

Visibility 40 miles

PSEUDO-ADIABATIC DIAGRAM

CHART HL-124A

(1) Abscissas are temperatures (°C.) at 1000 mb.

(2) Ordinates are $P^{0.286}$ where P = pressure in mb.

(3) Sloping straight lines on base are dry adiabats, i. e., lines of constant potential temperature (°A.).

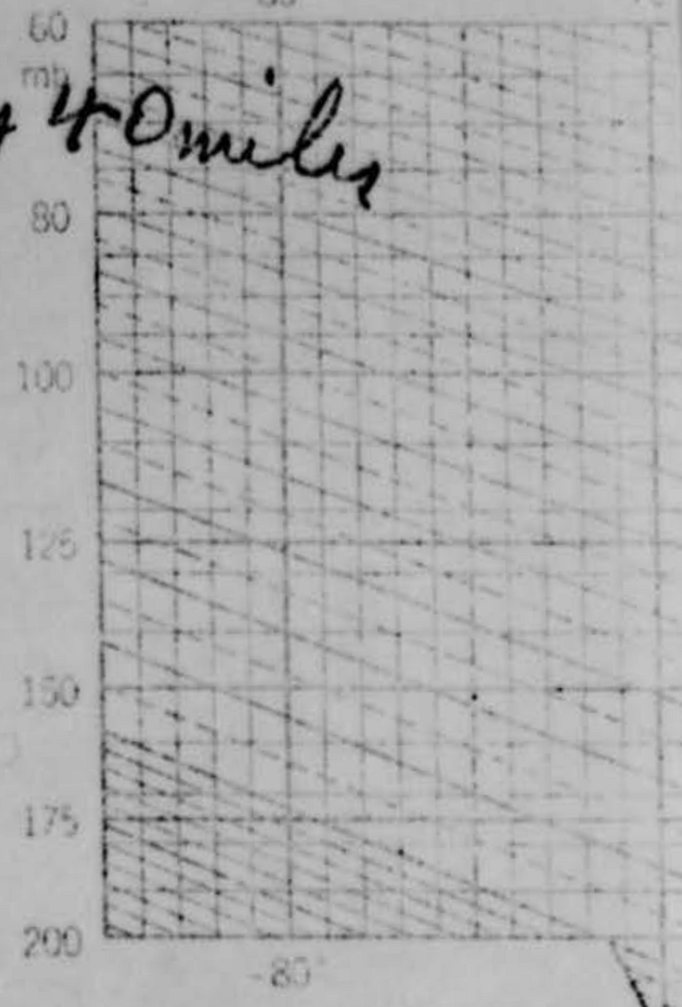
(4) Broken, overprinted curves are pseudo-adiabats. Figures thereon are equivalent potential temperatures (°A.) and potential pseudo-wet-bulb temperatures (°C.).

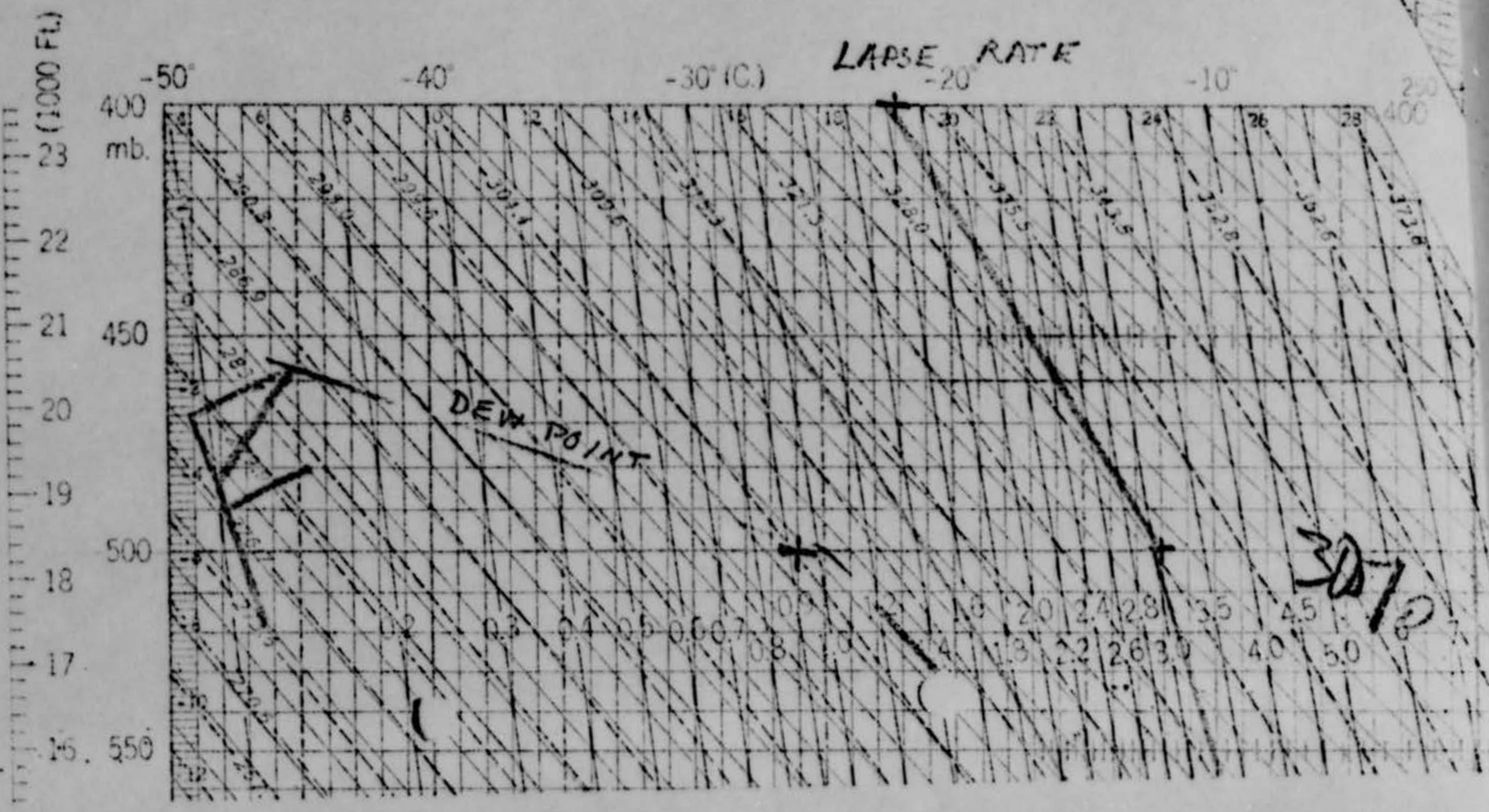
(5) Unbroken, overprinted curves are lines of constant saturation mixing ratio in grams of water vapor per kilogram of dry air (assuming saturated conditions).

(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 at the base, passing through the point t=15°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 on the approximate absolute scale: T °A. = (273 + t °C.).





Temperature 45°F — Dew Point 34°F

Wind f
WSW 9

57/34 → 57/027

STRATOSPHERE

NORMAL LAYER

TROPOPAUSE INVERSION

TROPOPAUSE

TEMPERATURE

Station No:

Name: GREAT FALLS

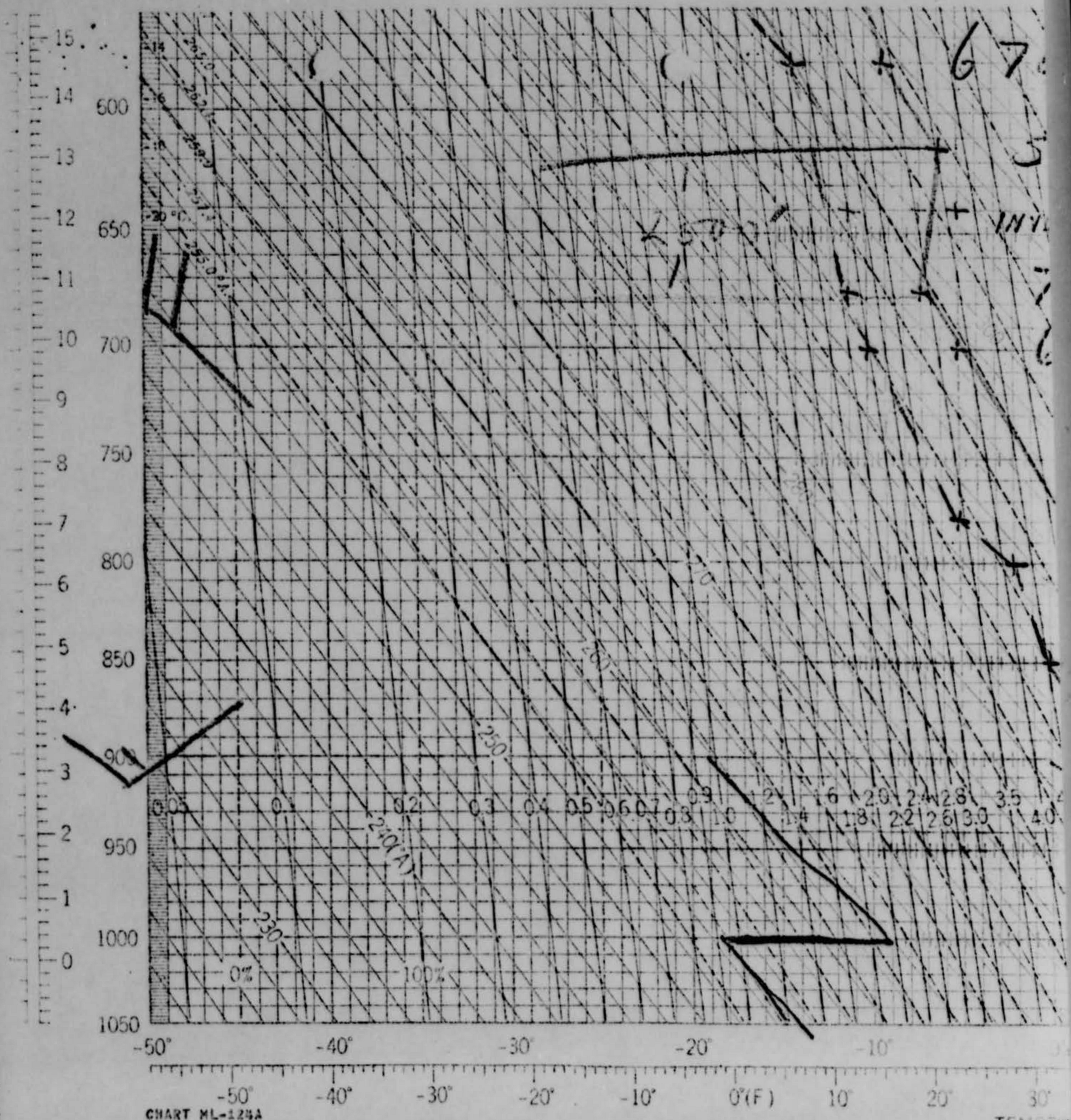


CHART ML-124A
1 JULY 1945 - SIG C STOCK NO. 7A507A

Date (Z): 1 SEPT Hour: 1500 Z

Local Time: 0800 MST Station Height: ±3500'

Plotted By: Time Completed:

20 30 (C.) 40 50

650 mb.

700 3

750

800 2

850

900 1

950

1000 0

1050

(Kn.)

30 35 40 45 50 55 60 65 70 75 80 85 90 95 100 105 110 115 120 125 130 135 140 145 150 155 160 165 170 175 180 185 190 195 200 205

C°. 40 35 30 25 20 15 10 5 0 -5 -10 -15 -20 -25 -30 -35 -40 -45 -50 -55 -60 -65 -70 -75 -80 -85 -90

386.2 400.5 415.5 431.2 447.6 464.8 482.7 501.4 520.9 541.2 562.4 584.4 607.3 631.1 655.8 681.5 708.2 735.9 764.7 794.6 825.6 857.8 891.2 925.8 961.7 998.9 1037.5 1077.5 1118.9 1161.8 1206.2 1252.2 1299.8 1349.1 1400.1 1452.9 1507.5 1564.0 1622.4 1682.8 1745.2 1809.7 1876.3 1945.0 2015.9 2089.1 2164.6 2242.5 2322.8 2405.6 2491.0 2579.0 2669.7 2763.2 2859.5 2958.8 3061.1 3166.5 3275.1 3387.0 3502.3 3621.1 3743.5 3869.6 3999.5 4133.3 4271.2 4413.2 4559.5 4710.2 4865.4 5025.2 5189.8 5359.4 5534.1 5714.0 5899.3 6090.2 6286.9 6489.5 6698.2 6913.2 7134.7 7362.9 7598.0 7840.2 8089.8 8347.0 8612.0 8885.0 9166.3 9456.2 9755.0 10062.9 10380.3 10707.5 11044.9 11392.8 11751.6 12121.6 12503.2 12897.0 13303.4 13722.9 14156.0 14603.2 15065.1 15542.3 16035.5 16545.4 17072.7 17618.3 18183.1 18767.9 19373.9 20002.1 20653.5 21329.2 22030.4 22758.3 23514.3 24299.8 25116.4 25965.8 26849.8 27770.4 28729.8 29730.3 31774.2 32844.8 33953.1 35101.3 36291.5 37526.0 38807.2 40137.6 41520.8 42959.5 44457.4 46018.4 47646.5 49346.0 51121.3 52976.9 54917.5 56948.0 59073.5 61299.4 63631.5 66076.1 68639.9 71330.0 74154.0 77120.0 80236.0 83510.0 86951.0 90568.0 94371.0 98370.0 102576.0 106999.0 111651.0 116544.0 121690.0 127102.0 132794.0 138779.0 145072.0 151688.0 158642.0 165950.0 173628.0 181693.0 190163.0 199056.0 208391.0 218188.0 228467.0 239249.0 250556.0 262410.0 274834.0 287852.0 301488.0 315767.0 330715.0 346358.0 362723.0 379839.0 397735.0 416441.0 435988.0 456408.0 477734.0 500000.0

R.H. AT 70 RELATIVE HUMIDITY

(C) 10 20 30 40 50 70 80 90 100 110 120

TEMPERATURE

202901

warm

a fold a $\frac{\text{Rise}}{\text{Run}} = \frac{\text{rise}}{\text{run}}$

1.000.

01 11302

SKA 030 2171 53 139 46

UDO-ADIABATIC DIAGRAM

CHART ML-124A

LEGEND

(1) Abscissas are temperatures (t) in °C.

(2) Ordinates are $P^{0.286}$ where P = pressure in mb.

(3) Sloping straight lines on base are dry adiabats, i. e., lines of constant potential temperature (°A.).

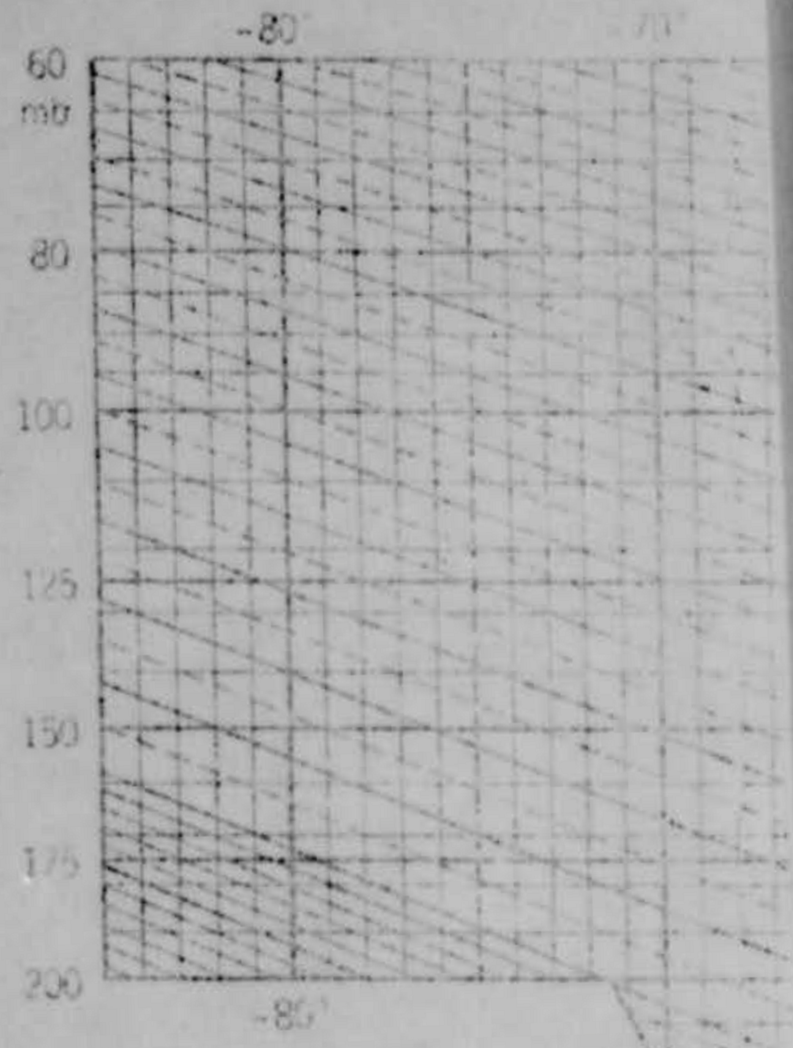
(4) Broken, overprinted curves are pseudo-adiabats. Figures thereon are equivalent potential temperatures (°A.) and potential pseudo-wet-bulb temperatures (°C.).

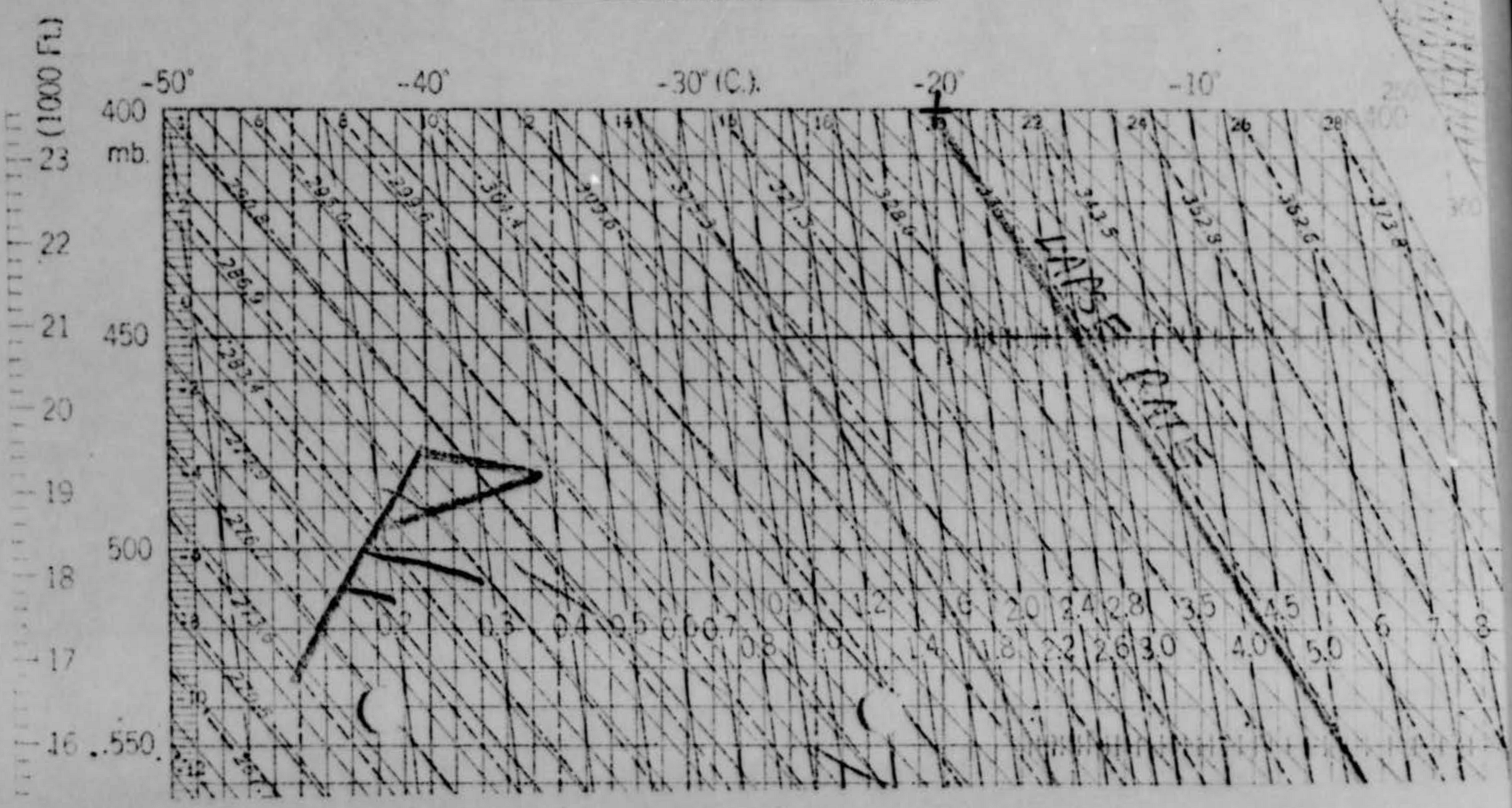
(5) Unbroken, overprinted curves are lines of constant saturation mixing ratio in grams of water vapor per kilogram of dry air (assuming saturated conditions).

(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.

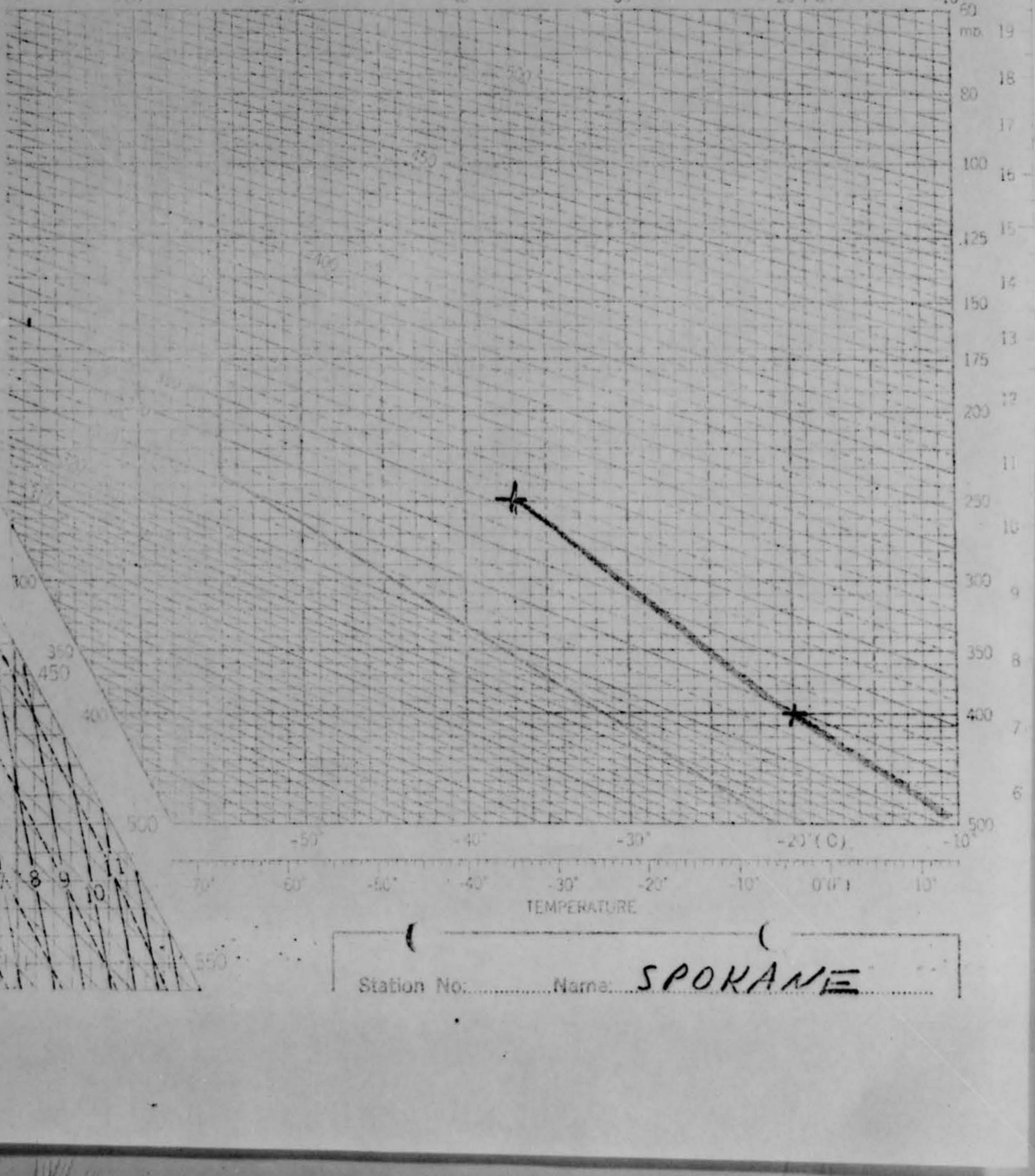
(7) The printed curve on the base, passing through the point t = 15°C., P = 1013.25 mb., represents the U. S. Standard Atmosphere pressure-temperature relationship. Stratospheric temperatures are assumed to be −55 °C. at pressures less than 234.5 mb.

Absolute temperatures are in the approximate absolute scale: T °A. = (273 + t °C.).





1-1018



Station No:.....Name: SPOKANE

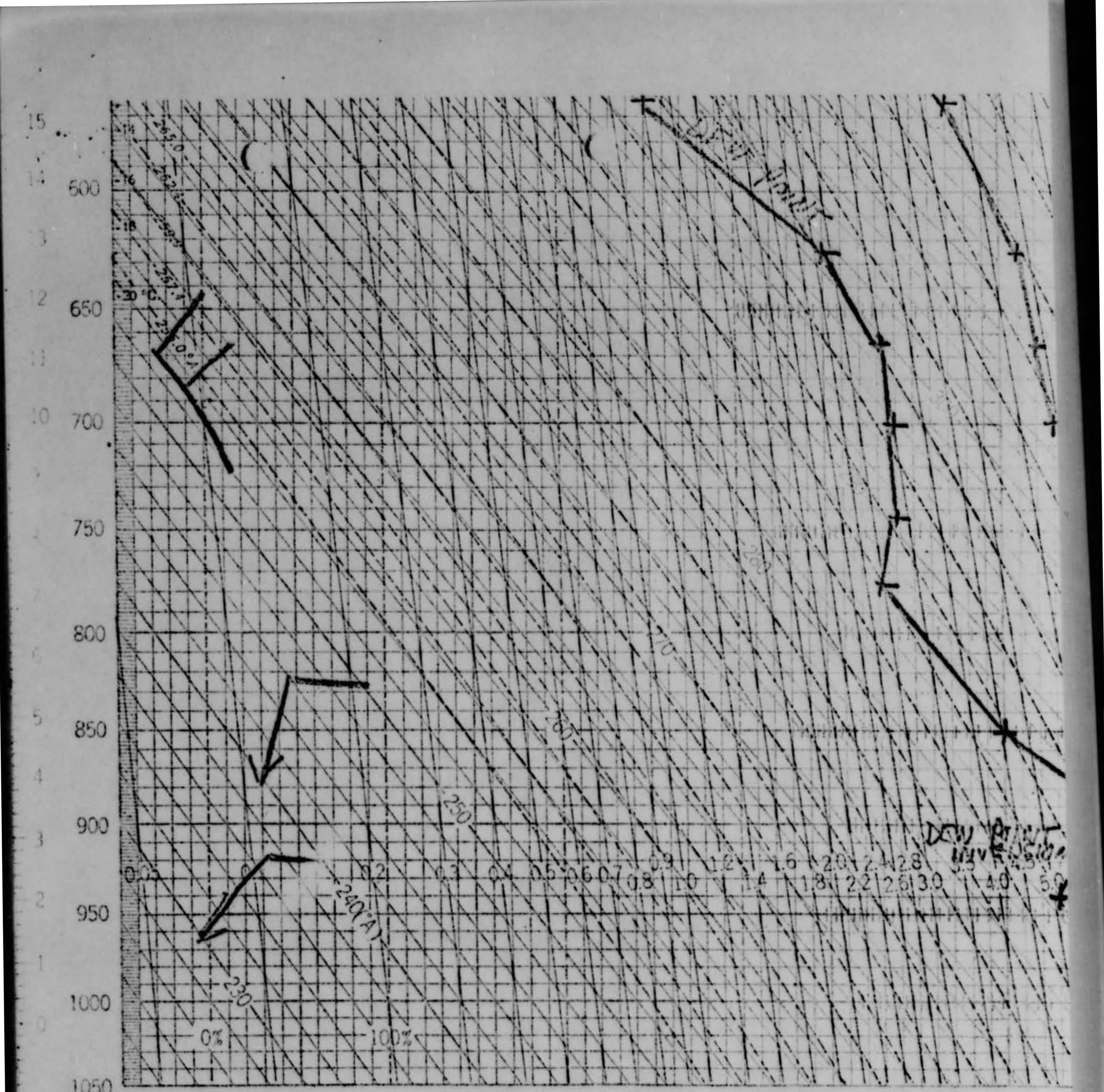


CHART HL-124A
1 JULY 1945 -- SIG C STOCK NO. 7A507A

Date(Z): 01 SEPT Hour: 1500 Z

Local Time: 0800MST Station Height:

Plotted By: Time Completed:

INVERSION LAYERS

INVERSION LAYERS

20 30 (C.) 40 50

650 mb

700

750

800

850

900

950

1000

1050

(Km)

3 2 1 0

202301

0 (C) 10 20 30 40 50

30 40 50 60 70 80 90 100 110 120

EMPERATURE

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

[redacted] UNCLASSIFIED

UNITED STATES AIR FORCE
THE INSPECTOR GENERAL
OFFICE OF SPECIAL INVESTIGATIONS

REPORT OF INVESTIGATION

FILE NO. 24-8-41	DATE 8 October 1952
REPORT MADE BY S/A ROBERT C. SHOEMAKER 1m	
REPORT MADE AT DO #17, Kirtland AFB, N. M.	
PERIOD 2 September 1952	
OFFICE OF ORIGIN DO #17, Kirtland AFB, N. M.	
STATUS CLOSED	

TITLE

UNKNOWN SUBJECT(S)
Sighting of Unidentified Aerial Objects
Over Tucson, Arizona
2 September 1952

CHARACTER

SPECIAL INQUIRY - AERIAL PHENOMENA

REFERENCE

None, this is an initial report.

SYNOPSIS

2 Sept 52
Tucson, Ariz.

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.

DOWNGRADED AT 3 YEAR INTERVALS
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
OG, 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

JAMES C. BORDEN
Lt Col, USAF
District Commander.

UNCLASSIFIED

1-4-53-C

SECURITY INFORMATION [redacted]

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 then 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, immoble 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 stationery in same area.

3. Observed from 1145Z to 1245Z on 1 Sept 52 (0445 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°43'E and 48°53'N.

6. Objects 60° from Zenith, 120° to 140° in azimeth. 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;
DECLASSIFIED AFTER 12 YEARS.
DOD DIR 5200.10

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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], 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.

UNCLASSIFIED

CONFIDENTIAL SECURITY INFORMATION RTC

UNCLASSIFIED

INCLOSURES:

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

Diagram showing location of sighting and formation of objects.

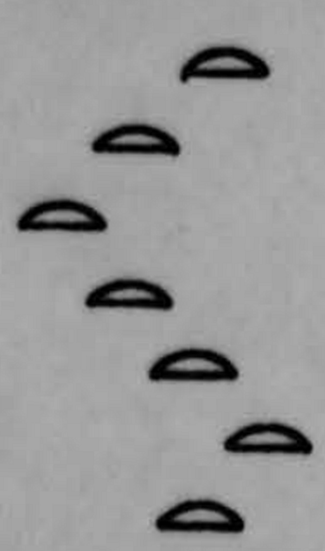
CLOSED

UNCLASSIFIED

CONFIDENTIAL SECURITY INFORMATION RTC

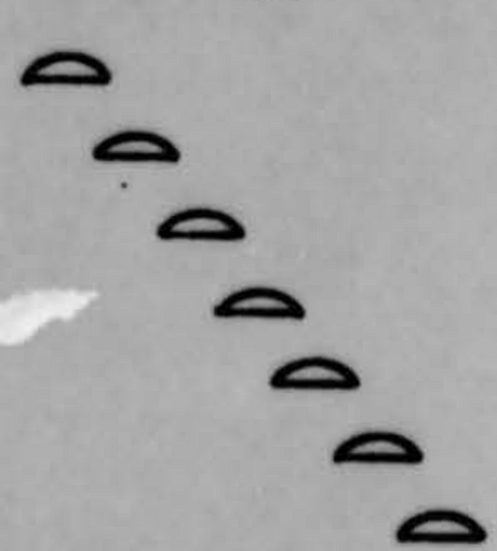
UNCLASSIFIED

Diagram #1



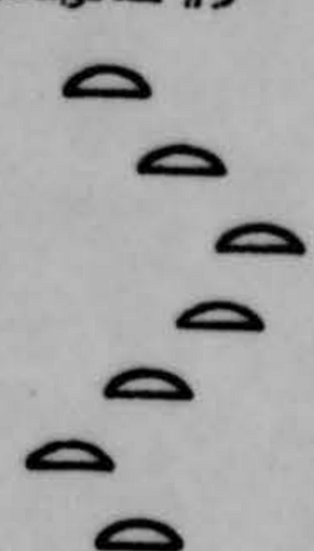
HEADING SOUTH

Diagram #2



HEADING EAST

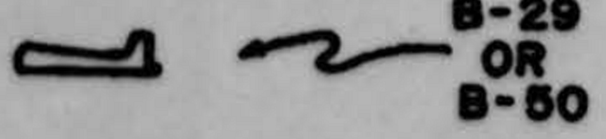
Diagram #3

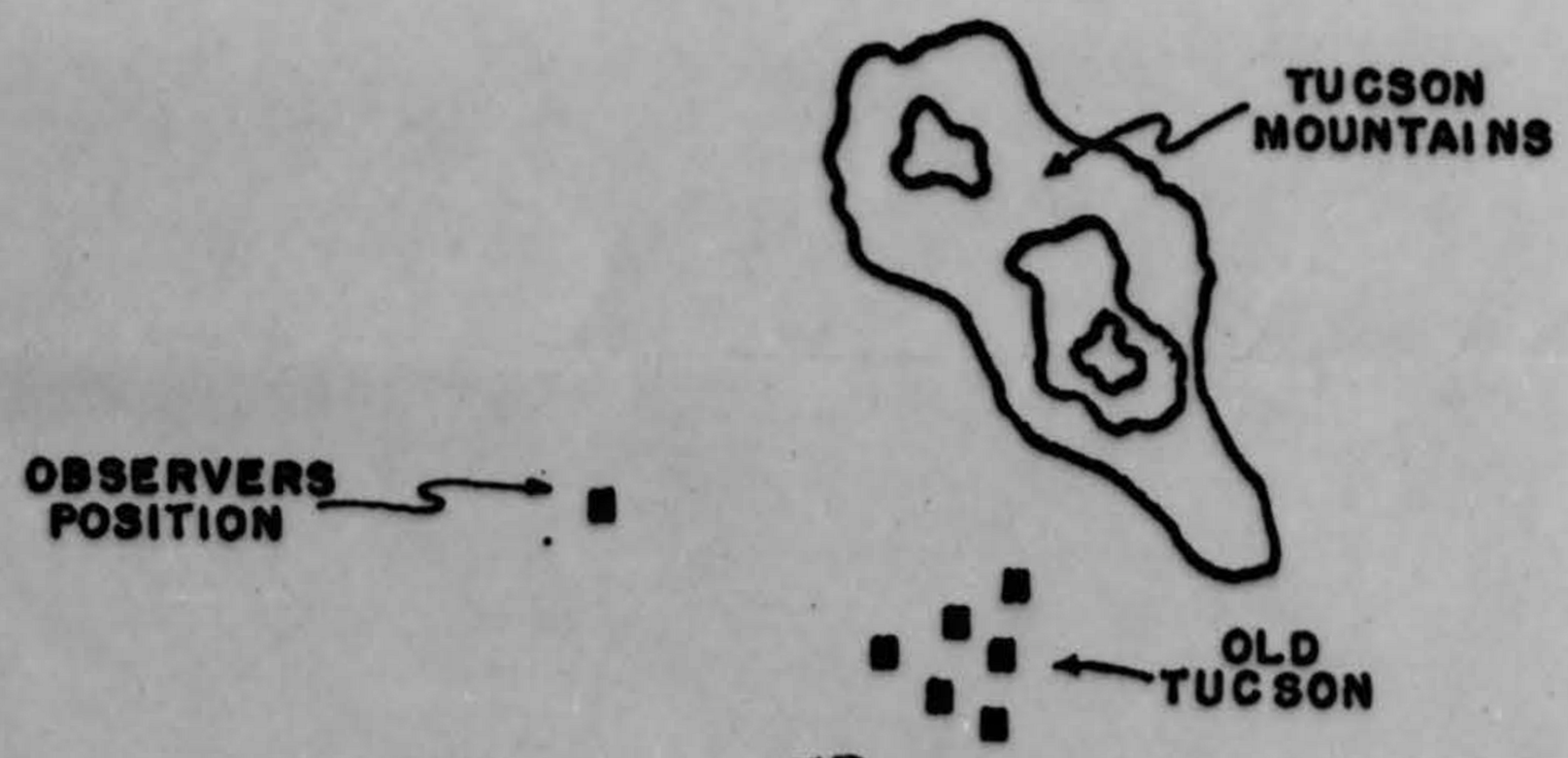


HEADING NORTHEAST



(AIRCRAFT & OBJECTS SAME LENGTH)





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SECRET INFORMATION

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. BILYEU
MAJOR, USAF
Asst Adj Gen

1 Incl
IR-140-52

UNCLASSIFIED

RESTRICTED

[redacted] UNCLASSIFIED

USA

IR-140-52

FLYOBRPT

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
Capt, USAF
Asst Wing A-2

UNCLASSIFIED

[redacted]

4Brd Bomb Wing, Intelligence Div IR-140-52 2 4

1. 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 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). 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, omitted 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:
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] 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 02904/30004/43005/23004/62405
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

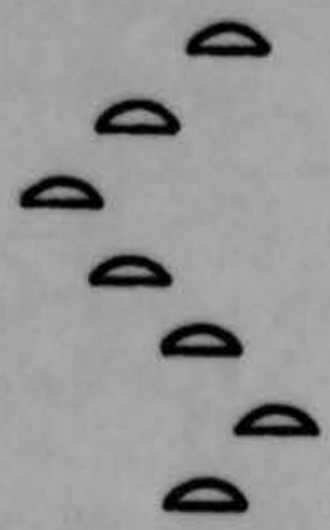
UNCLASSIFIED

[redacted]

IB-140-52

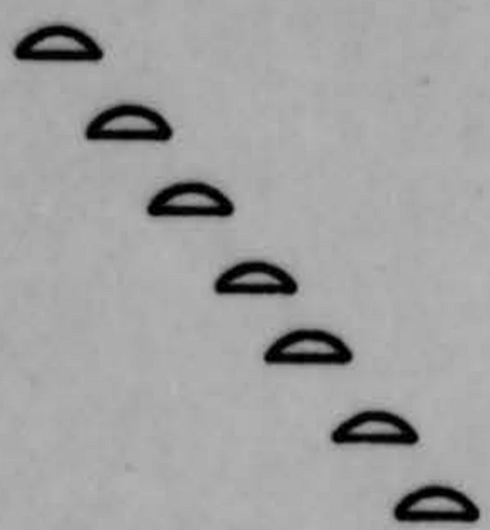
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Diagram #1



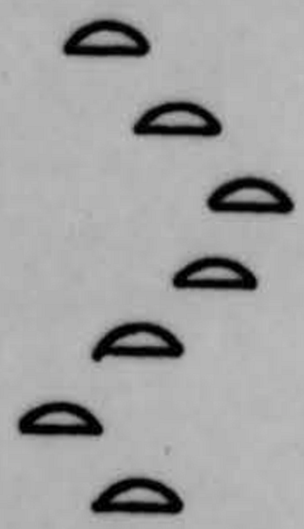
HEADING SOUTH

Diagram #2



HEADING EAST

Diagram #3

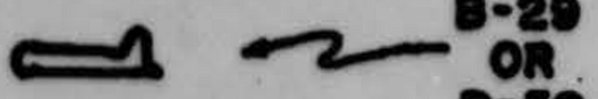


HEADING NORTHEAST



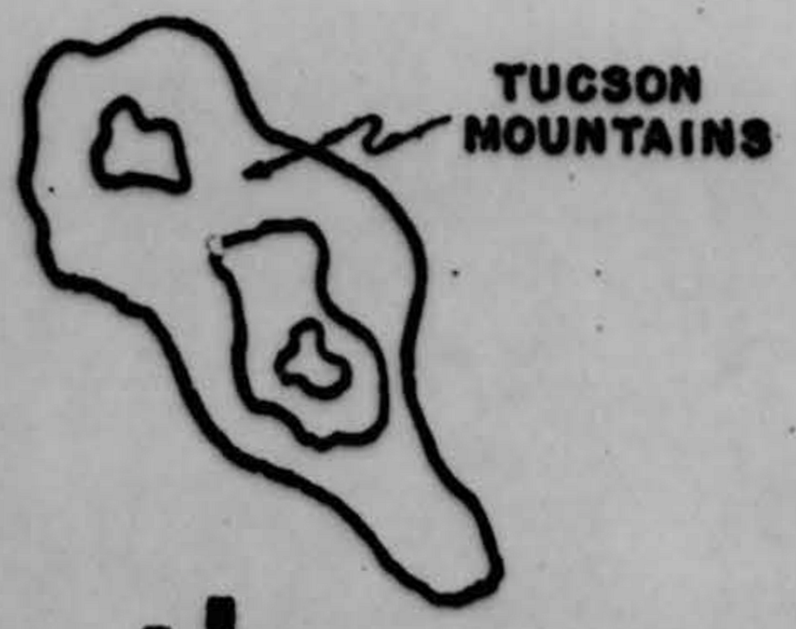
N

(AIRCRAFT & OBJECTS SAME LENGTH)



B-29 OR B-50

UNCLASSIFIED



TUCSON MOUNTAINS

OBSERVERS POSITION

OLD TUCSON

[redacted]

43rd Bomb Wing, Intelligence Div 3 4

10. Comments of preparing Officer:

A. M/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
Capt, USAF
Asst Wing A-2

PROJECT 10073 WORKSHEET

I. GENERAL

1. DATE	2. LOCATION	3. TIME
1 Sep 52	Yaak, Montana	Local: 0445M Zebra: 1145Z

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 AN/FPS-3
- ☐ 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)

29th AD Div, Great Falls, Mont.

II. ASTRONOMICAL DATA

12. WHAT ASTRONOMICAL ACTIVITY WAS NOTED?

None

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? Yes	Lighted? No	Describe Lighting
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:

PROJE[redacted]10073 WEATHER DATA SHEET

1. DATE OF OBSERVATION	2. TIME OF OBSERVATION	3. STATION OBSERVING
1 Sept,	1500	Great Falls AFB

4. WINDS ALOFT:

ALTITUDE (feet)	VELOCITY (knots)	DIRECTION (degrees)	ALTITUDE (feet)	VELOCITY (knots)	DIRECTION (degrees)
0			25,000		
1,000			30,000		
2,000			35,000		
3,000	9	215	40,000		
4,000			45,000		
5,000	15	215	50,000		
6,000			55,000		
7,000			60,000		
8,000			65,000		
9,000			70,000		
10,000			75,000		
12,000	20	340	80,000		
14,000			85,000		
16,000			90,000		
18,000			95,000		
20,000	55	350	100,000		

5. WAS AN INVERSION LAYER NOTED? ☑ Yes ☐ No
(If yes, at what altitude? TM-625 MB) (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:

[redacted] UNCLASSIFIED [redacted]

ATIC
1. atia
2. atia
3. ATI
T.C. files

AIR 039
PP JEPHQ JEDEN JEDWP JWPML 444 THIS MESSAGE REQUIRES PARAPHRASE
SEE CRYPTO-CENTER BEFORE DECLASSIFYING

[redacted]

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

H.J

[redacted]

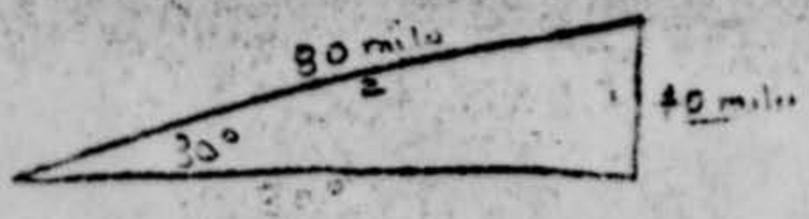
[redacted] ACTION

[redacted] CITE COCA INDIA TWO FOUR
FLYOBRPT PD PAR ONE PD TWO OR MORE COLORED
LIGHTS OBSRED 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 IMMOBLE TO VERY RAPID MVMENT PD ONE WHITE LIGHT

PAGE TWO [redacted]

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
OBSRED 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

[redacted]



[redacted]

[redacted]

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

UNCLASSIFIED

[redacted] 5 Sep

Hq: CG 29th AD (Def)

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

UNCLASSIFIED

5 September 1952

SUBJECT: FLYOSEPT

THRU: Commanding Officer
680th ACW Squadron
Bonners 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 Yaak, Montana. At the same time and the same azimuth, unidentified targets appeared on the AN/FPS-3 PPI 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.

[redacted]

[redacted]

UNCLASSIFIED

680th AC&W Sq Subj: FLYOBJRPT 5 Sep 52

Not meteorological

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° 43' West, 48° 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 Oberdorf, Leonard H., AF 13280099, DAFSC 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.

[redacted]

[redacted]

UNCLASSIFIED

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