1. DATE - TIME GROUP 20,22,25 May 1964/Night/	2. LOCATION Lansing, Michigan Area
3. SOURCE Civilian	10. CONCLUSION Aircraft (INFRA-RED PHOTO)
4. NUMBER OF OBJECTS One	
5. LENGTH OF OBSERVATION Minutes	11. BRIEF SUMMARY AND ANALYSIS See case file. COMMENTS: Investigation of various sightings in area indicated that night photo missions of infra-red type with low flying a/c using landing lights for illumination and or identification and employing a generator for AC and DC current to run equipment was probably operating in the area. Case evaluated as an aircraft.
6. TYPE OF OBSERVATION Ground-Visual	
7. COURSE Varies	
8. PHOTOS ☐ Yes ☒ No	
9. PHYSICAL EVIDENCE ☐ Yes ☒ No	

FORM
FTD SEP 63 0-329 (TDE) Previous editions of this form may be used.

CONCLUSION, LANSING, MICHIGAN

Results of the field investigation in the Lansing, Michigan and surrounding area leads to the conclusion that an aircraft or aircrafts under control of the FAA at Detroit was the most likely cause of the lighted craft, with an accompaning shrill noise, such as an a/c with a turbine used in infra-red photography.

The sightings and associated noise on the night of 21 May, by multiple observers, were attributed to the siren and flasher reflecting from ground fog/haze from a police vehicle known to be in the area.

The sightings of 22 May by [redacted] and [redacted] and on the night of 23 May by [redacted] and [redacted] are believed to be meteor observations.

The object observed on 25 May by [redacted] is believed to have been the satellite ECHO I.

The sighting of 26 May by [redacted] is regarded as an unreliable report as indicated in the police logs.

The sighting of Mr [redacted] on 27 May resembles a reported observation of the planet Venus.

The sighting on 1 Jun at Crystal Lake, Michigan by [redacted] is believed to have been caused by an a/c on a night infra-red photo mission.

The observation of [redacted] on 5 Jun near Lansing, Michigan is believed to have been caused by an a/c.

The sighting on 13 Jun at Grand Ledge, Michigan by [redacted] and [redacted] is regarded as the reflection of car headlights on fog.

The report from Mrs [redacted] included leaves as a physical specimen. No object was observed by Mrs [redacted] Its believed that Mrs [redacted] heard the sound of the a/c observed by others in this report but that the leaves are not associated with this event. Subsequent analysis revealed that the leaves were not radioactive.

The sound occurred after she had heard a siren going down the street. The sound lasted less than 5 minutes. She had the impression that it disappeared by going up rather than away. The sound gradually faded out. Her husband was asleep and did not hear the noise. When he awoke at 2030 pm, she informed him of this event. She seemed certain that the sound came from up in the air and described it as like a top wound up. She also "felt" like someone was watching her. She could feel the sound more than hear it. Information regarding the sample of leaves revealed that at 1715 on the following day as she took out rubbish to the incinerator she noticed charred leaves in the garage doorway. A roof extends above this location. An alley permitting only one car passes this door. No foliage surrounding the area was charred. No ashes or any indications of a fire or burned area were near the charred leaves. Trees and foliage completely cover the area. It is therefore assumed that the charred leaves were dropped or carried to this spot by wind from a source not near the garage. It is possible that the noise heard by Mrs [redacted] is the noise heard by [redacted] and other witnesses in the area during this period. The leaf sample contains no radioactive or unusual substance.

SIGHTING OF STANLEY BRAUER AND DON WEIGANDT

From the [redacted] residence Sgt Moody proceeded to contact Mr [redacted] at his restaurant, the [redacted], and rejoined Mr William Powers. It was determined that Mr [redacted] and his wife had observed a meteor. The duration of two seconds and a description that the object looked like an aircraft in flames crashing are in accord with this analysis. Mr [redacted] had also observed the object at the same time. A check of a local map and the direction that both reported the object indicates that their line of sight was parallel to the NE, indicating that the meteor was a considerable distance away

EXTRACT FROM BILL POWERS PRELIMINARY REPORT

Hughes", a street which appears on the list of complainants (not in chronological order) from Wednesday night, and which should be checked as possibly ~~many~~ involving a different report from the "noise" reports.

Saturday afternoon the final call before making this report was received from Sgt Casto (not "Castro") of the Michigan State Police, in reponse to my request for any additional information that might arise. He reported that a Mrs. [redacted], Lansing, had just reported that she heard on the night of the 20th a very strange "whirring" sound from her back ~~xxxx~~ yard, at 9:00 or 9:15 PM. She saw nothing, but found a burned area in her ~~xxxx~~ yard, about 10 feet by 4 or 5 feet in dimensions. Leaves lying on the ground were charred, but the grass underneath was not. She has saved samples of the leaves, and is willing to be interviewed. She, too, delayed her report for fear of ridicule, until other reports were publicized. Her husband saw what she saw, heard the noise.

This brief report actually represents only a small portion of the reports that were received and logged at the police departments in the area. All police agencies appear quite willing to cooperate, and individuals seem to show a healthy mixture of interest and skepticism. My impression is that a more detailed reading of the logs ~~xxx~~ together with examination of records of ~~xxxxxxxxxxxxxxxxxx~~ emergency-car movements will eliminate the bulk of reports concerned with noises only, but that other events appear to have occurred which require more detailed investigation and probably will call for several diffent explanations.

There follows a list of ~~xxxxxx~~ some of the agencies and persons who made reports; this is a very abbreviated list, and is given only for the purpose of aiding identification of the proper log pages or proper individuals with whom to communicate.

MARION, INDIANA POLICE DEPARTMENT: 317 - NO 8-6131

Tom Dennis, Chief
Richard Harrigan, Asst. Chief. Refer: men who work North car, night.

KOKOMO, INDIANA POLICE DEPARTMENT (SHERIFF's POLICE). 317-GL 2-2444

HARTFORD CITY POLICE DEPARTMENT 317 - 348-3730
Officer Robert Honeddibt saw orange light. Also others.

This case includes

Leaf samples

Flying Saucer Puzzle Grows

It May Be Helicopter--or It May Not; Four in City Report 'Strange Objects'

Is Lansing's night - prowling "flying saucer" really a helicopter?

There was some indication today that this might explain the mysterious sights and sounds being reported by area residents.

But there was a large area of doubt, too.

Some of the pieces of the "saucer" jigsaw don't fit.

Take the case of the Grand Ledge UFO (unidentified flying object) early this morning.

Mr. and Mrs. Robert Nourse, who live on Cutler Road, north of Grand Ledge, were awakened at 3 a.m. by "roaring like a freight train."

"LIKE A RED DOME"

Gazing out, they spotted a flat-shaped object with something underneath that "looked like a red dome."

Twenty minutes later, the object was back again.

Nourse, who was voted Outstanding Eaton County Farmer of the Year by the Grand Ledge Jaycees a couple of years ago, said he knew he wasn't having hallucinations. In fact, he was so sure he wasn't that he called State Police to report the UFO.

Now, it happens that the Michigan Air National Guard at Abrams Airport, Grand Ledge, had a helicopter aloft Thursday night. The piece of the jigsaw that doesn't fit is the report in the Guard's log book.

It shows that the 'copter came down at 11:15 p.m.

And it didn't fly over Lansing.

In Lansing, there were at least four reports of flying objects. One was at 9:55 p.m. Jo Ann Bush, 15, of 404 S. Fairview Ave., phoned city police that she had seen an object hovering at Prospect and Clifford Streets. She said it was very bright and about 15 feet in diameter.

SAW 'SOMETHING'

Three other residents, who asked that their names be withheld, saw "something."

One woman living on W. Willow Street, saw an "oblong object with the corners squared off," she told police at 8:25 p.m. She said the object was "covered with a cellophane-like material" and emitted a bright, bluish-white light. She said it was going east and flying high and fast. She added there were no stars out at the time.

Another woman, residing on Neller Court, "saw a star move" between 11:15 and 11:30 p.m. This object, too, was going east. She said she had seen satellites cross the sky, and this didn't resemble them.

Still another woman, residing on Gordon Street, heard a loud humming or buzzing sound at 1 a.m. bearing a close resemblance ta that made by a helicopter, but was prevented from seeing anything because of trees in the yard.

The noises reported by residents sound like those made by tree-spraying crews. There's just one catch — the City Parks Department hasn't had any spraying crews out for several days.

Was it Martians?

Odd Sound Linked to Sky Object

By DICK FRAZIER
Journal Staff Writer

The clock in Mrs. Elizabeth Hoxey's living room struck three as she was awakened by a strange noise Thursday morning.

Others reported hearing the sound on the city's south side during the next few minutes.

Mrs. Hoxey, of 6035 Hilliard St., called city police to report she had heard a noise "like something from outer space."

About the same time, Mrs. Edward Cole, 4623 Hughes Road, and her daughter, Wanda, 10, were awakened by a noise she later described as a high-pitched "whirling sound."

"It was terrible and it lasted for more than five minutes," she said. "It was a very loud, very shrill sound, steady for quite a while and then it drifted away."

The story, of course, has to have an elephant angle — and city police, investigating a similar report of a screecning noise at 1008 W. Dunlap St.—at first believed the noise was coming from a trumpeting elephant at the Logan Shopping Center circus.

NO ELEPHANT

But one elephant couldn't make all the noise — and keep it up steady for five minutes—like police were hearing about Thursday from at least half a dozen residents living as far away as Depot Street in Holt.

Elmer Speer, 1008 Dunlap St., said he had just gotten home from work at Oldsmobile when he heard the noise. It was exactly 3 a.m., he said.

"I know it sounds like I'm crazy, or something," Speer said, "but it sounded just like the theme music and noises on 'Twilight Zone.'

"And I'd swear the darned thing landed over south of my place somewhere. The revolutions sort of slacked off, like a motor that has been turned off, and then it revved up for just a second and then quit."

Speer said he had seen a shooting star a few minutes before, but that was before he heard the noise.

Mrs. Cole was the only person who reported seeing anything connected with the noise.

"I was too scared to go to the window at first," she said, "but after I got my daughter settled down, I looked out toward Holt (to the southeast of her home) and saw this light-colored shiny, silver-metal thing. It looked like a great, huge bowl, sort of spinning. It was just over the tops of the trees and it kept moving away, not straight away like you'd think, but turning in loops as it disappeared."

OBJECT GLOWED

She said the object had a glow but no other markings or lights. Neither her husband or son got up to look at the object, Mrs. Cole said, although her husband did hear the screecning noise.

Capt. Donald R. Knutson of 836 Sandlyn Ave. said the noise woke him up about 3 a.m.

An army officer, Knutson is working on his master's degree in accounting at Michigan State University.

"At first I thought it was my furnace acting up again. Then I realized it sounded like a helicopter but it was more compressed and sounded like a smoother running engine.

"I thought it was trucks on Cedar Street then I realized it lasted too long for them. I did not look out so I saw nothing.

"When I looked at the clock it was 3:01 a.m. and the sound lasted for a few minutes longer and then quit. It sounds kookie, I know, but that is what happened," he said.

The Ingham County Sheriff's Department had several phone calls this morning asking about a muffled booming sound.

Free Press Telephones

For Home Delivery	222-6500
To Place Want Ad	222-6800
City News Desk	222-6600
Sports (after 2 p.m.)	222-6660
Insurance Dept.	222-6470
All Other Calls	222-6100

1861 - Branch -

Detroit Free Press

Friday, May 22, 1964 THE SECOND FRONT PAGE Page 3, Section A

Today's Chuckle

Driving like you were late for a dental appointment is a good safe speed.

Whining Object in Sky Mystifies Lansing Area

Special to the Free Press

ANSING—An "Unidentified Flying Object" med across Lansing early Thursday, setting nerves dge and prompting police to compare the high- ed whine to an elephant's trumpeting.

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16-year-old elephant named Tulsa is on display e shopping center, and police told the first callers the sound they heard might be Tulsa trumpeting. ney changed their minds as calls poured in.

Don Weigandt, 30, a television newscaster in Jackson, first saw the object while driving to his East Lansing home along College Road.

"It was very blue, too blue to be a falling star," he said. "It was round, like a basketball, and was falling very fast. But I went to the spot where it disappeared, there was nothing."

Stanley Brauer, 40, and his wife, Blanche, were on their way home from the Lansing restaurant he owns. They first saw the object along Pennsylvania Ave.

"Its speed was terrific," Brauer said. "We tried to follow it but it was going so fast that it was gone, phfft! just like that. It looked like it fell in Scott's Woods (to the east)."

Mrs. Edward Cole, 50, of Lansing, said, "It looked like a great, huge bowl. It kept moving away, turning in loops as it disappeared. It was a terrible, very shrill sound that lasted about five minutes.

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Information Only
Sourse: Saucer News, Vol II, No 3, September 1964

Lansing, Michigan
27 May 1964

....On May 27th, a flying saucer was seen hovering over downtown Lansing, Michigan, just before the late afternoon rush hour. One of the witnesses, John C. Gallagher, claimed that he saw the UFO going west at a height of about 50 feet above treetop level. He said that the object turned on its side and appeared to be "flat and round." It was soundless, and left no vapor trail. Many other saucer reports, too numerous to relate here, were made in and near Lansing during late May, and an Air Force investigator was eventually sent to get first-hand information about the flap...

1	20 May	Lansing, Michigan	[redacted]	Insufficient Data
2	21 May	East Lansing, Michigan		Insufficient Data
3	21 May	Lansing, Michigan	Multiple	Siren and Flasher
4	22 May	Lansing, Michigan	[redacted]	Astro (Meteor)
5	23 May	Lansing, Michigan	[redacted]	Astro (Meteor)
6	25 May	Bay City, Michigan	[redacted]	Satellite (ECHO I)
7	26 May	Lansing, Michigan	[redacted]	Other (Unreliable Rpt)
8	27 May	Lansing, Michigan	[redacted]	Astro (Venus)
9	1 Jun	Crystal Lake, Michigan	[redacted]	A/C (Photo Mission)
10	5 Jun	Lansing, Michigan	[redacted]	A/C
11	13 Jun	Grand Ledge, Michigan	[redacted]	Other (Reflection of lights on fog)

DATA PROCESSING DIVISION
CLIMATIC CENTER, USAF
Air Weather Service (MATS)
Asheville, North Carolina

REPLY TO
ATTN OF: CCDPD

SUBJECT: Data for Washington and Lansing Areas 19 Jun 1964

TO: AFSC (FTD/TDE/Sgt Moody)

1. Reference: Your telecom with Mr. [redacted] of this Division at 1350 EST on 18 Jun 64.

2. We are inclosing photocopies of the following:

a. Surface observations (WBAN 10 A & B) for 31 May 64 from National Airport, Washington, D. C.

b. Rawinsonde observations (WBAN 31 ABC) for 21, 22, and 23 May 1964 from Bishop Airport, Flint, Michigan.

3. Flint is the closest rawinsonde station to the Lansing area.

FOR THE DIRECTOR

Thomas D. Fillenworth

THOMAS D. FILLENWORTH
2d Lt., USAF
Data Processing Division

1 Atch
Photocopies a/s

This case includes

Fourteen (14) Adiabatic charts

PRELIMINARY WEATHER REPORT: temperatures in area on Wed, May 20, and Thursday May 21 (night) in mid-thirties - high probability of inversion layer. UPI reporter (LANSING) volunteered information that he received 14 television channels Wed. night. Thurs.

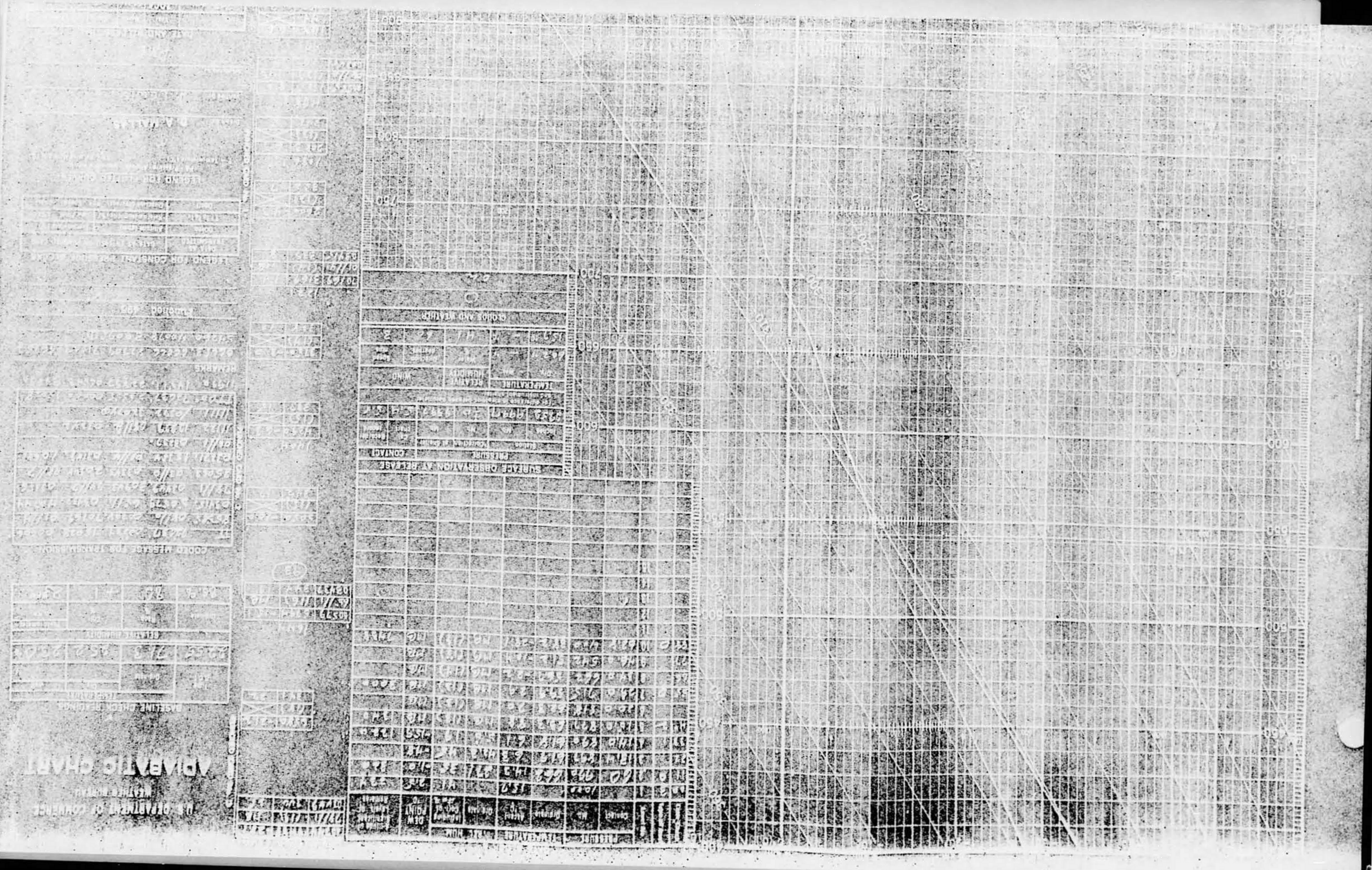
Clim Cen, USAF
Federal Bldg
Asheville NC 28801

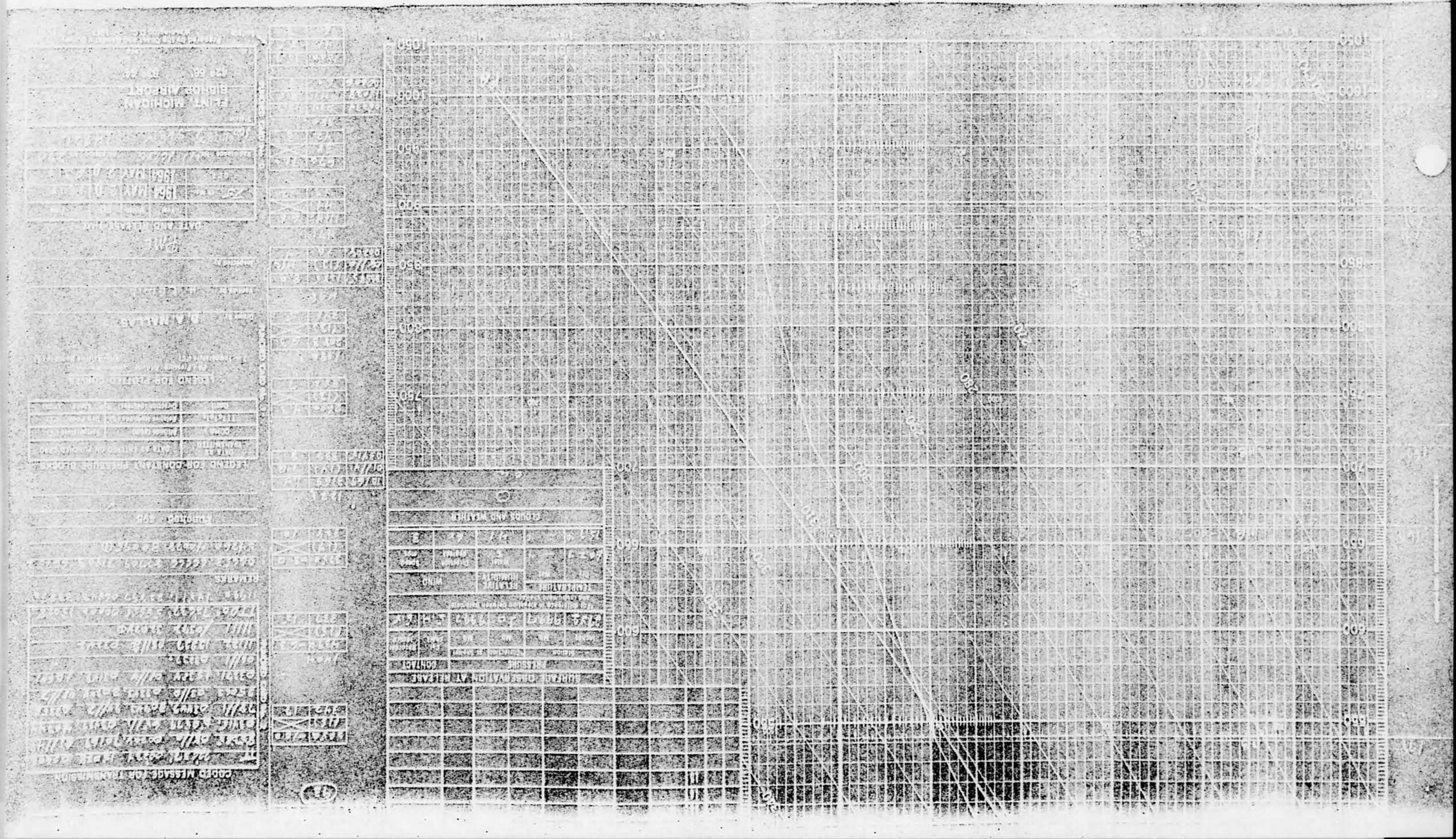
UNITED STATES AIR FORCE
OFFICIAL BUSINESS

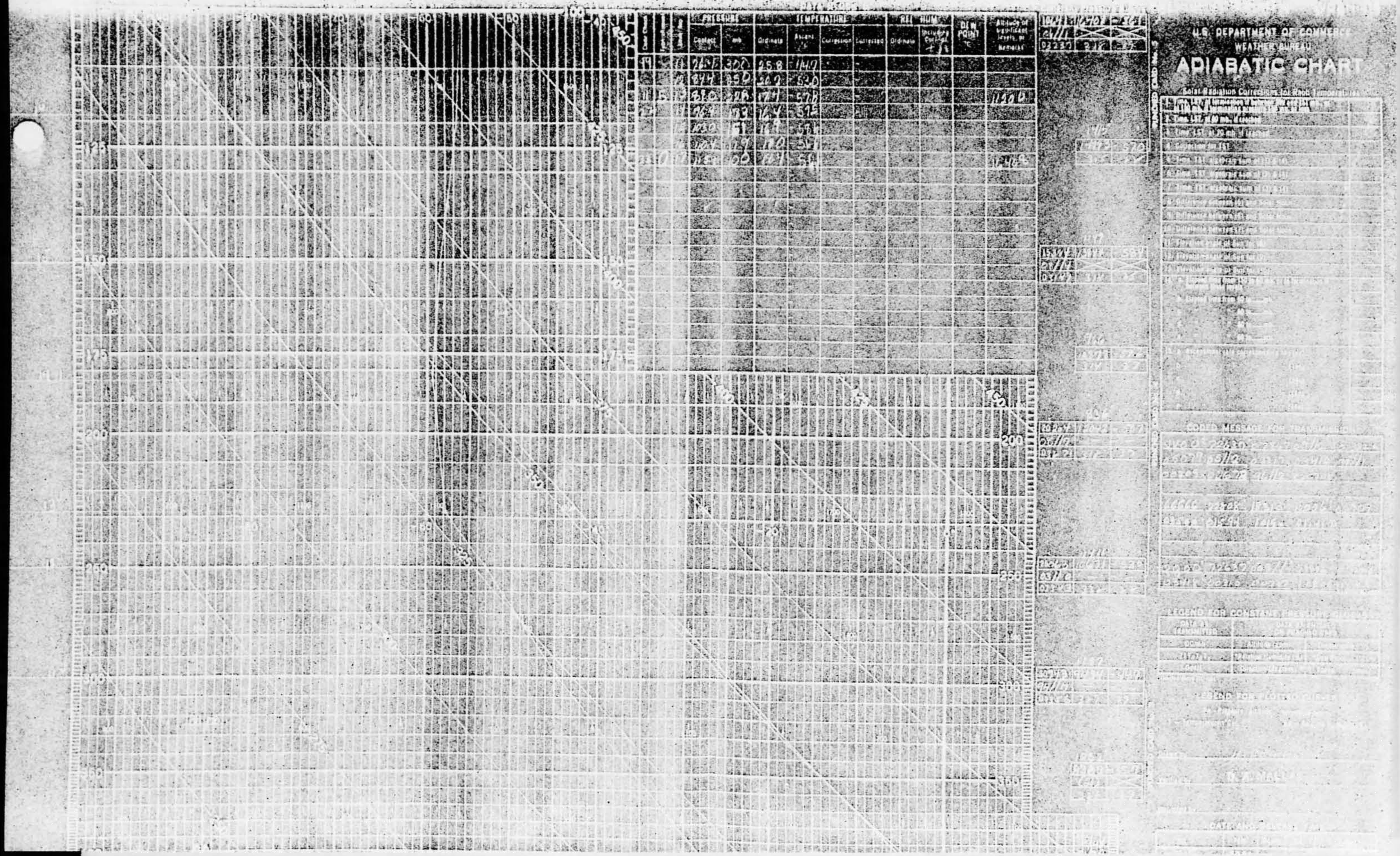
POSTAGE AND FEES PAID

AFSC
FTD/TDE (Sgt Moody)
Wright Patterson AFB Ohio 45433

HC FORM JAN 62 28






U.S. DEPARTMENT OF COMMERCE
WEATHER BUREAU
ADIABATIC CHART
Solar Radiation Corrections for Root Temperatures
PRESSURE
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REL. HUM.
DEW POINT °C
Altitude of significant levels, or Remarks
Contact
mb
Ordinate
Ascent
Correction
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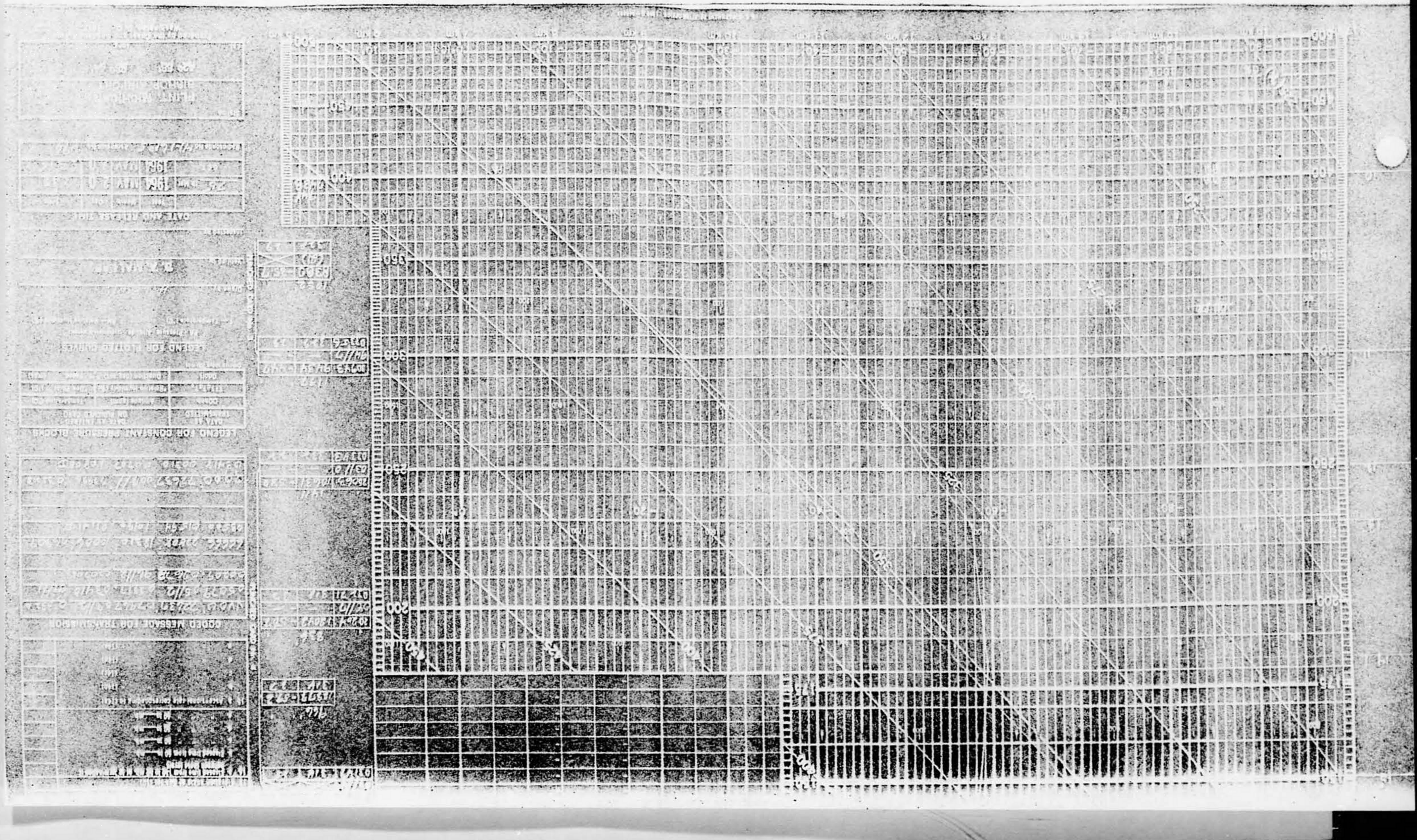
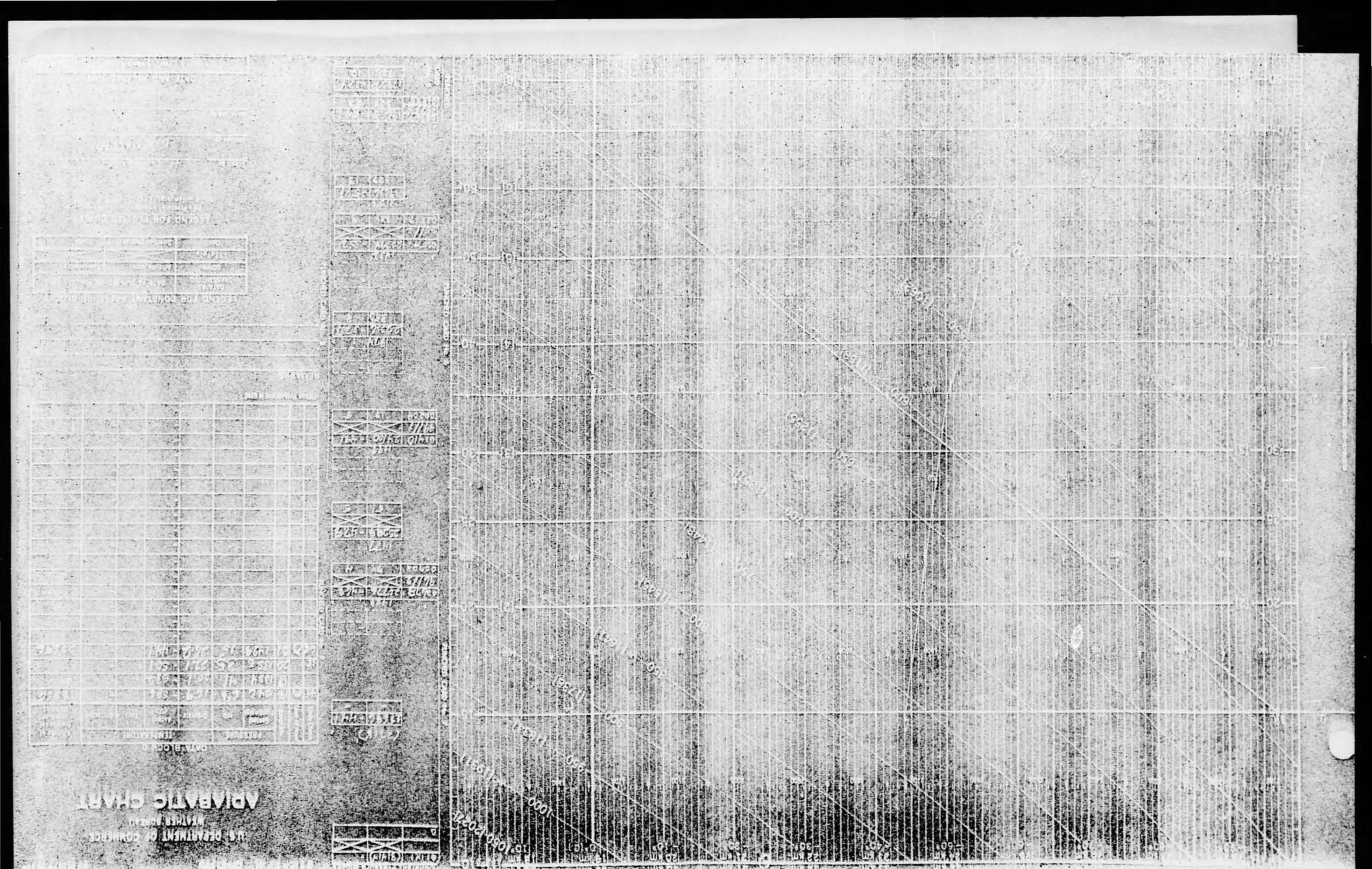
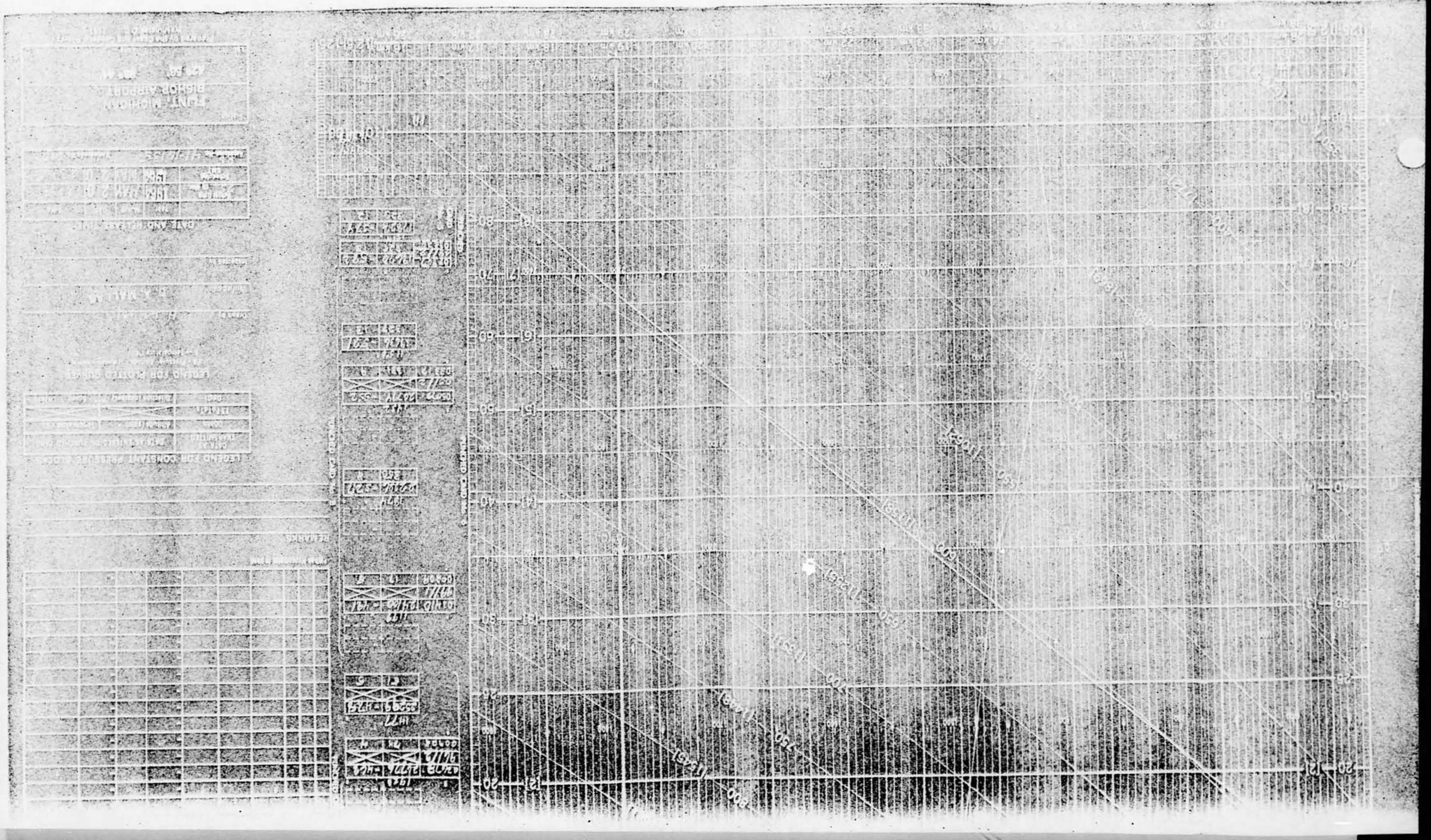
CODED MESSAGE FOR TRANSMISSION
LEGEND FOR CONSTANT PRESSURE
LEGEND FOR PLOTTING CURVES







REQUEST AND AUTHORIZATION / TEMPORARY DUTY TRAVEL OF MILITARY PERSONNEL
(If more space is required, continue on reverse, identifying items by number.)

DATE: 12 June 1964

I. REQUEST FOR AUTHORIZATION

TO: ADMINISTRATIVE OFFICER, HQ FTD

FROM: *(Requesting authority)* Dep/Technology & Subsystems

1. REQUEST TDY BE AUTHORIZED AS INDICATED IN ITEMS 5 THROUGH 12.

2. TYPED NAME, GRADE AND TITLE OF AUTHORIZED OFFICIAL
ERIC T. deJONCKHEERE, Colonel, USAF
Dep/Technology & Subsystems

3. SIGNATURE OF AUTHORIZED OFFICIAL

4. PHONE NR. (69216)

II. TEMPORARY DUTY TRAVEL ORDERS

5. THE FOLLOWING INDIVIDUAL(S) WILL PROCEED AS INDICATED. UPON COMPLETION WILL RETURN TO PROPER STATION:

GRADE	NAME *(First name, middle initial, last name, AFSN)*	ORGANIZATION	SECURITY CLEARANCE FOR PERIOD OF TDY
T/SGT	DAVID N. MOODY, AF19549897	HQ FTD(AFSC)USAF WPAFB, Ohio	TOP SECRET

6. DEPART ON OR ABOUT 12 June 1964

7. APPROXIMATE NR. OF DAYS *(Include travel time)* THREE (3)

8. DDALV

9. SPECIFIC PURPOSE OF TDY
To investigate operational project.

10. ITINERARY: XX VARIATIONS IN ITINERARY AUTHORIZED
FROM: Wright-Patterson AFB, Ohio
TO: LANSING, MICHIGAN & Area
RETURN TO: Wright-Patterson AFB, Ohio

11. SPECIAL INSTRUCTIONS
CIVILIAN CLOTHING AUTHORIZED.

12. MODES OF TRAVEL A. ☐ TRAVEL BY _____ DIRECTED WHEN AVAILABLE B. ☐ TPA. TRAVEL TIME BY COMMON CARRIER *(rail or bus)* IS _____ DAYS. TRAVEL TIME IN EXCESS IS CHARGEABLE TO DELAY ENROUTE AUTHORIZED IN ITEM 8. C. ☒ TPA. THIS MODE OF TRANSPORTATION HAS BEEN DETERMINED TO BE MORE ADVANTAGEOUS TO THE GOVERNMENT, D. ☐ OTHER

III. AUTHORIZATION

13. AUTHORITY
AFM 10-3, AFM 35-11

14. DATE
12 June 1964

15. SPECIAL ORDER NR.
T-1307

16. DESIGNATION AND LOCATION OF APPROVING HEADQUARTERS OR UNIT
Hq Foreign Technology Div(AFSC)USAF
Wright-Patterson AF Base, Ohio

17. APPROPRIATION ACCOUNTING SYMBOL
5743400 3044771 P489 2121 2131 S503000 TD
(C/A T64-5)(3)

19. REQUEST FOR TDY IS APPROVED AND WILL BE PERFORMED. TDN.
FOR THE COMMANDER

18. DISTRIBUTION

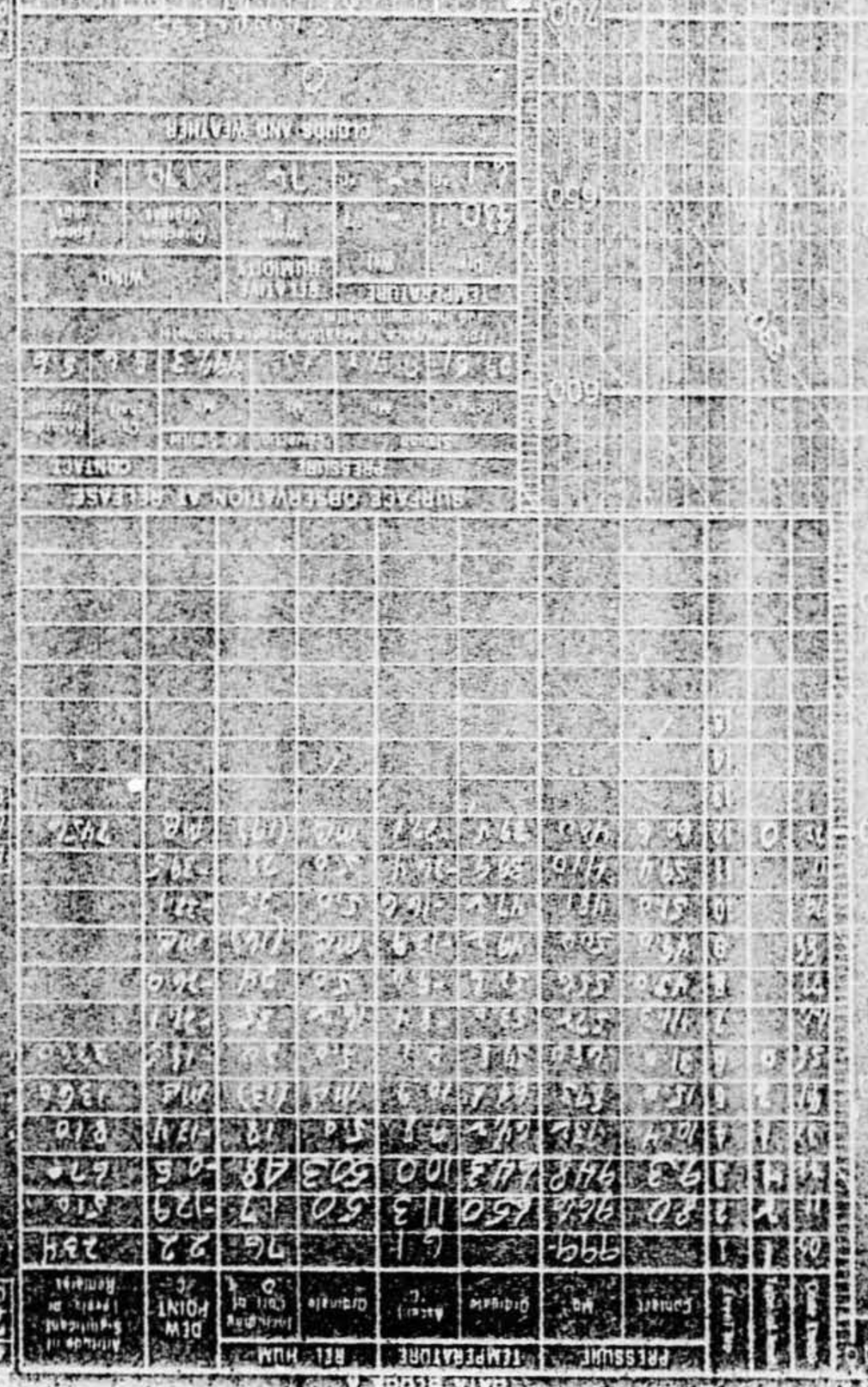
20. SIGNATURE ELEMENT OF ORDERS ISSUING OFFICIAL *(Seal or signature)*
J. C. [illegible]
Major, USAF
Administrative Officer
HEADQUARTERS FOREIGN TECHNOLOGY DIVISION AFSC-USAF
OFFICIAL

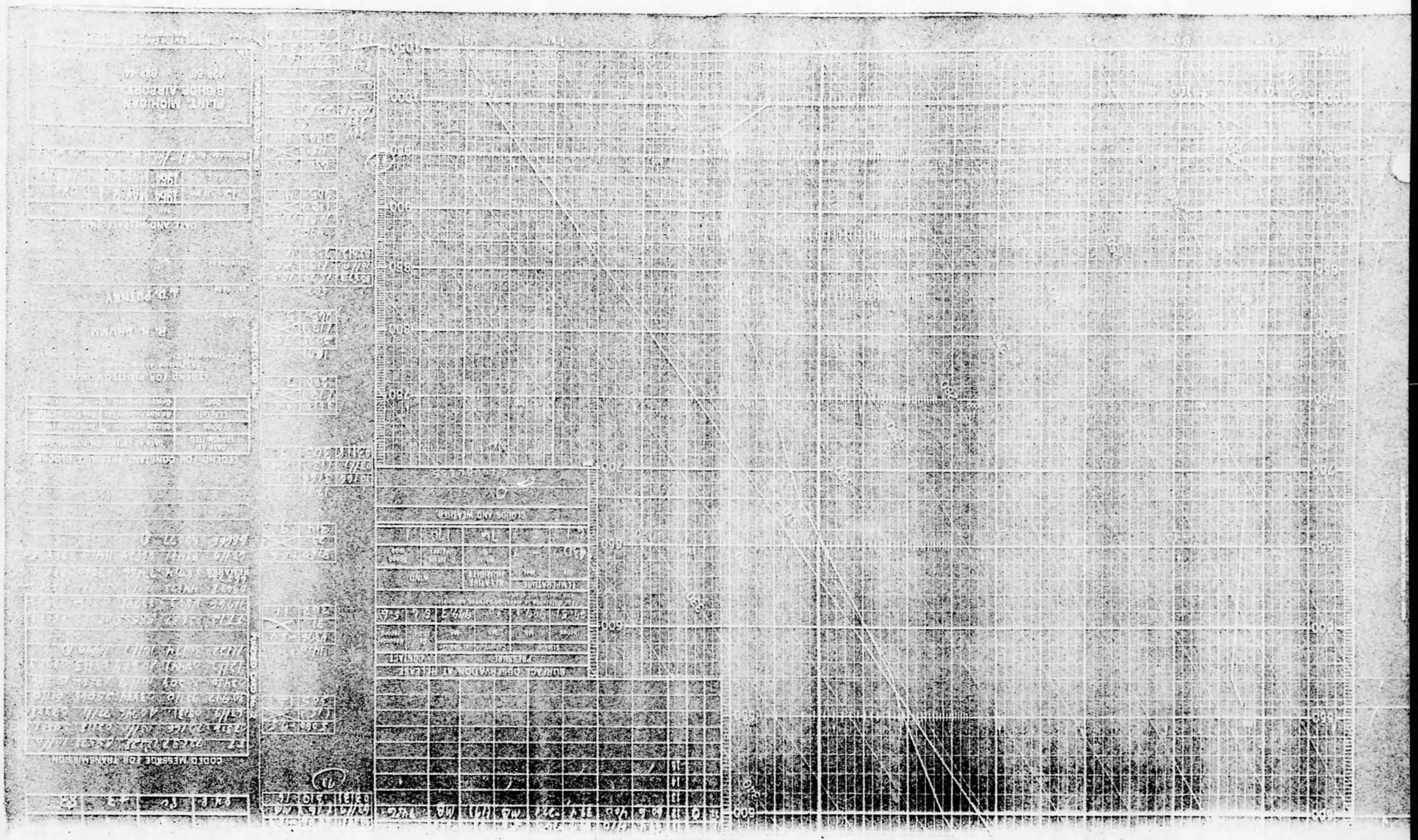
AF FORM NOV 58 626 PREVIOUS EDITIONS OF THIS FORM MAY BE USED.

GPO: 1961 O - 606251

ADIABATIC CHART

U.S. DEPARTMENT OF COMMERCE
WEATHER BUREAU





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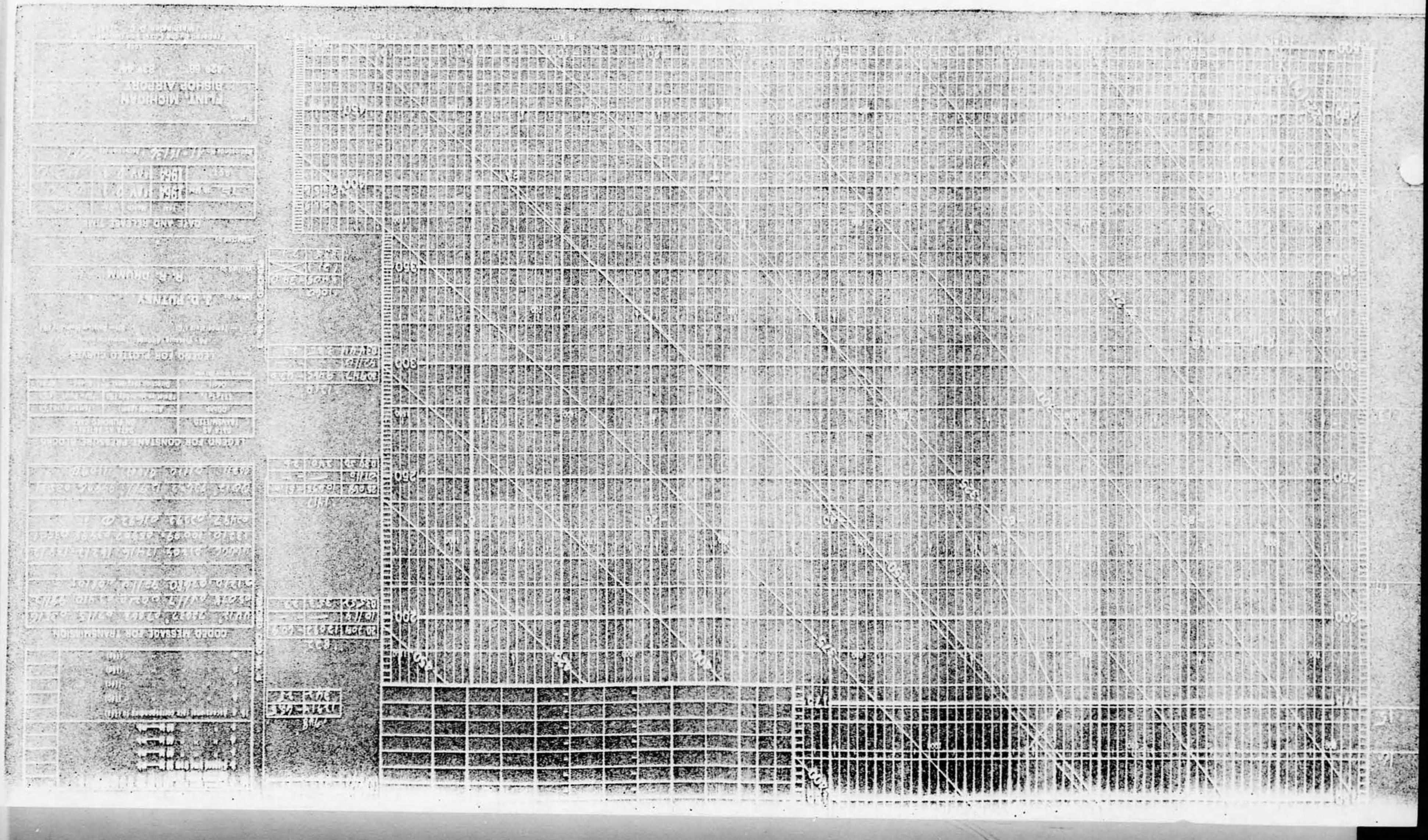
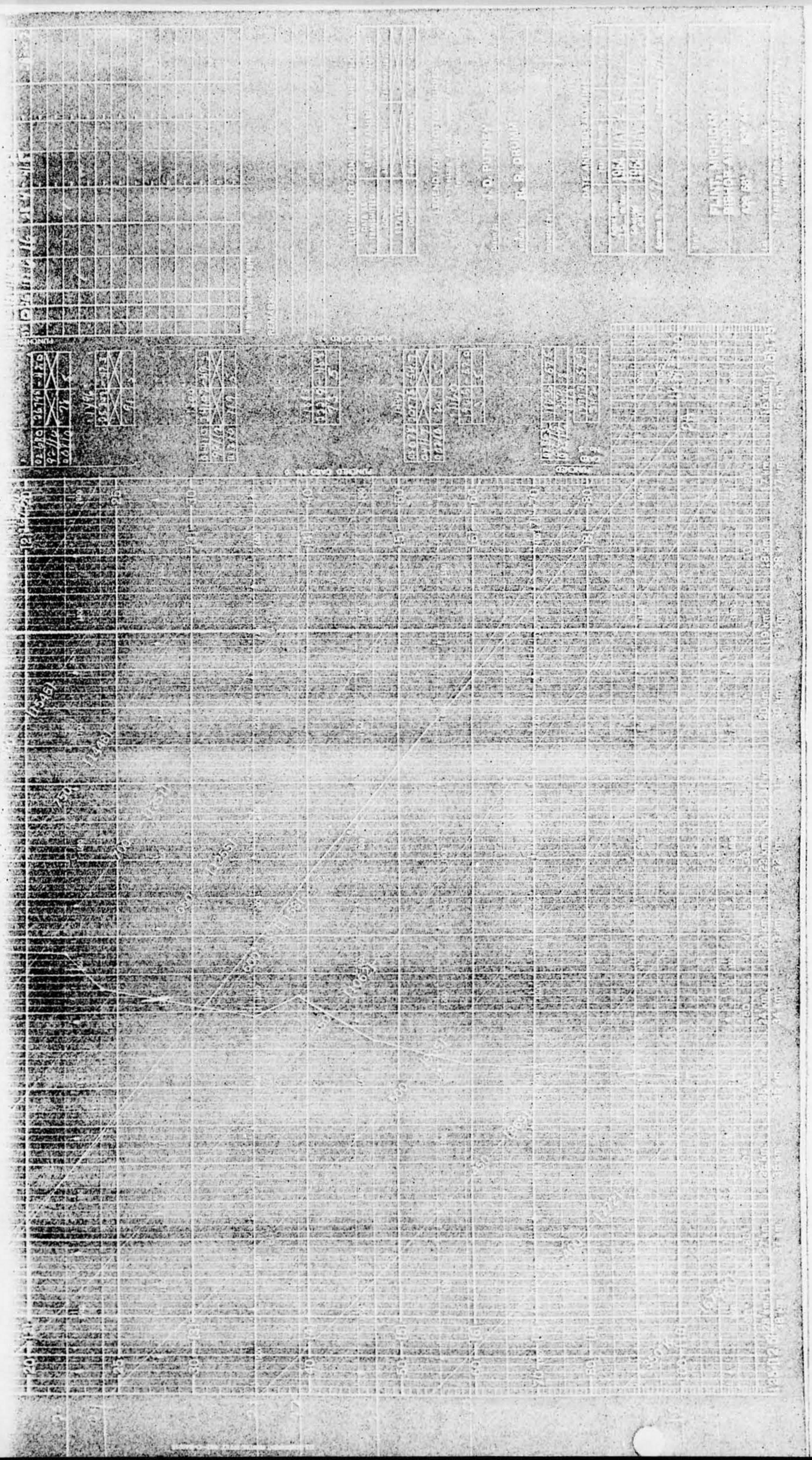
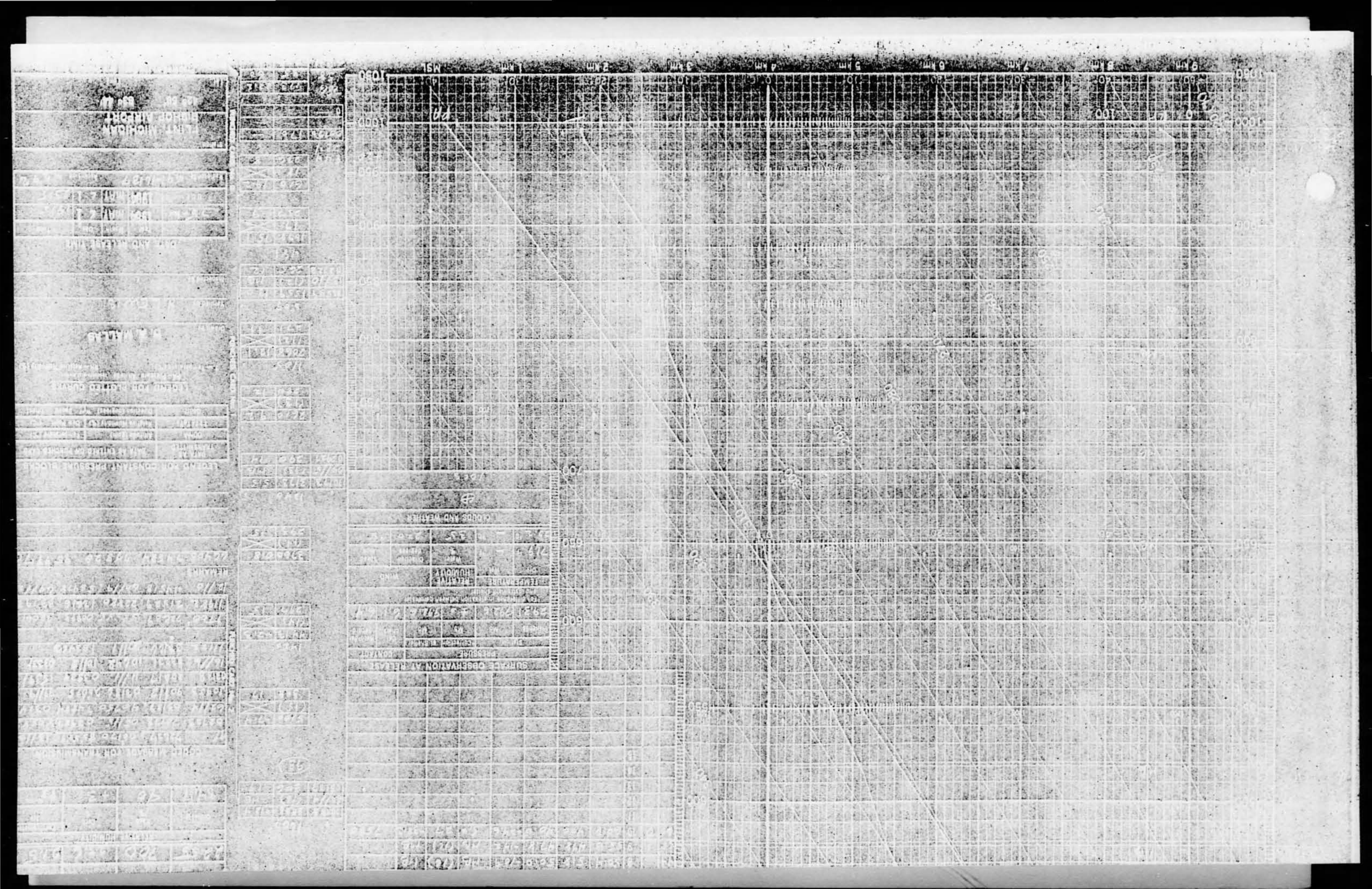
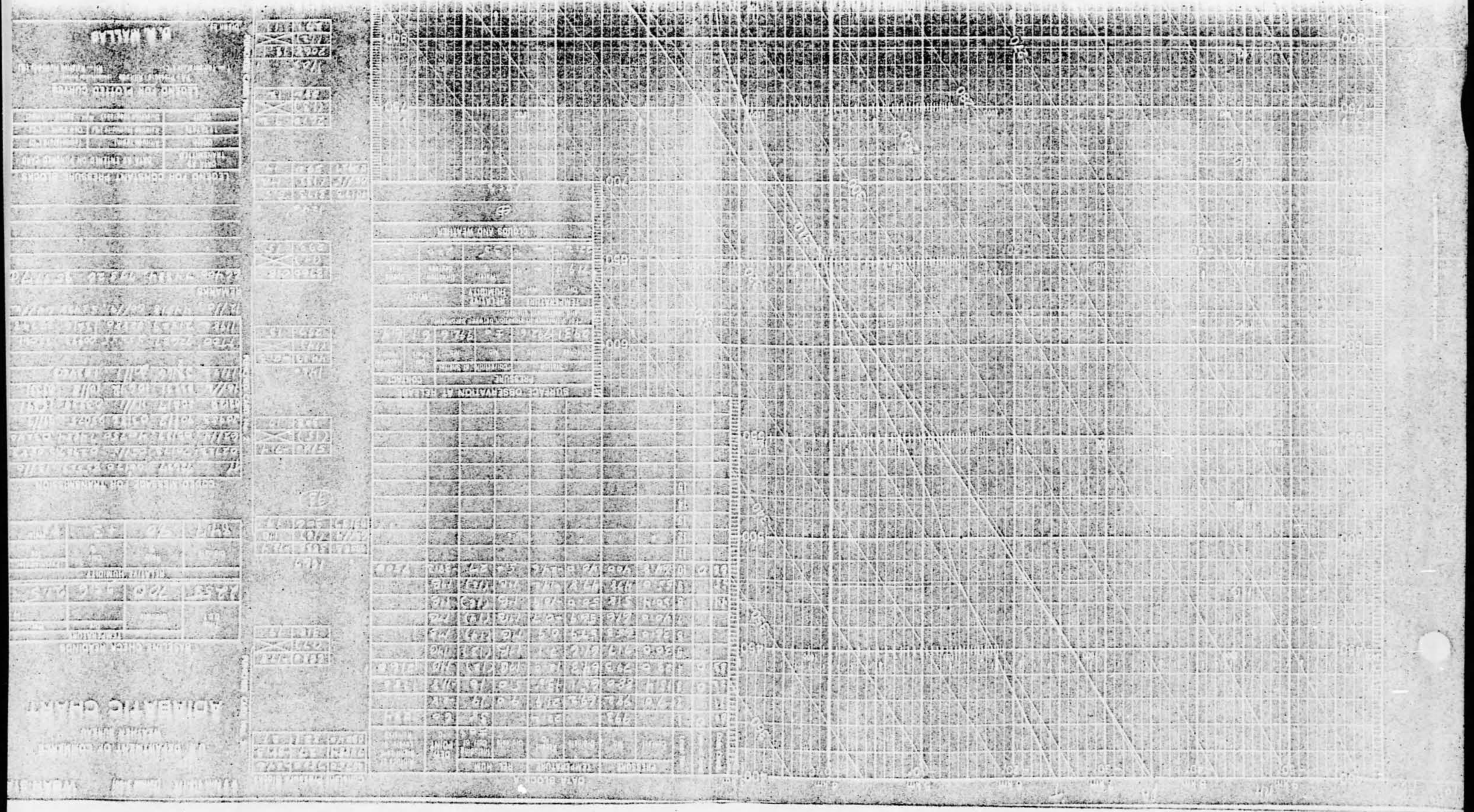


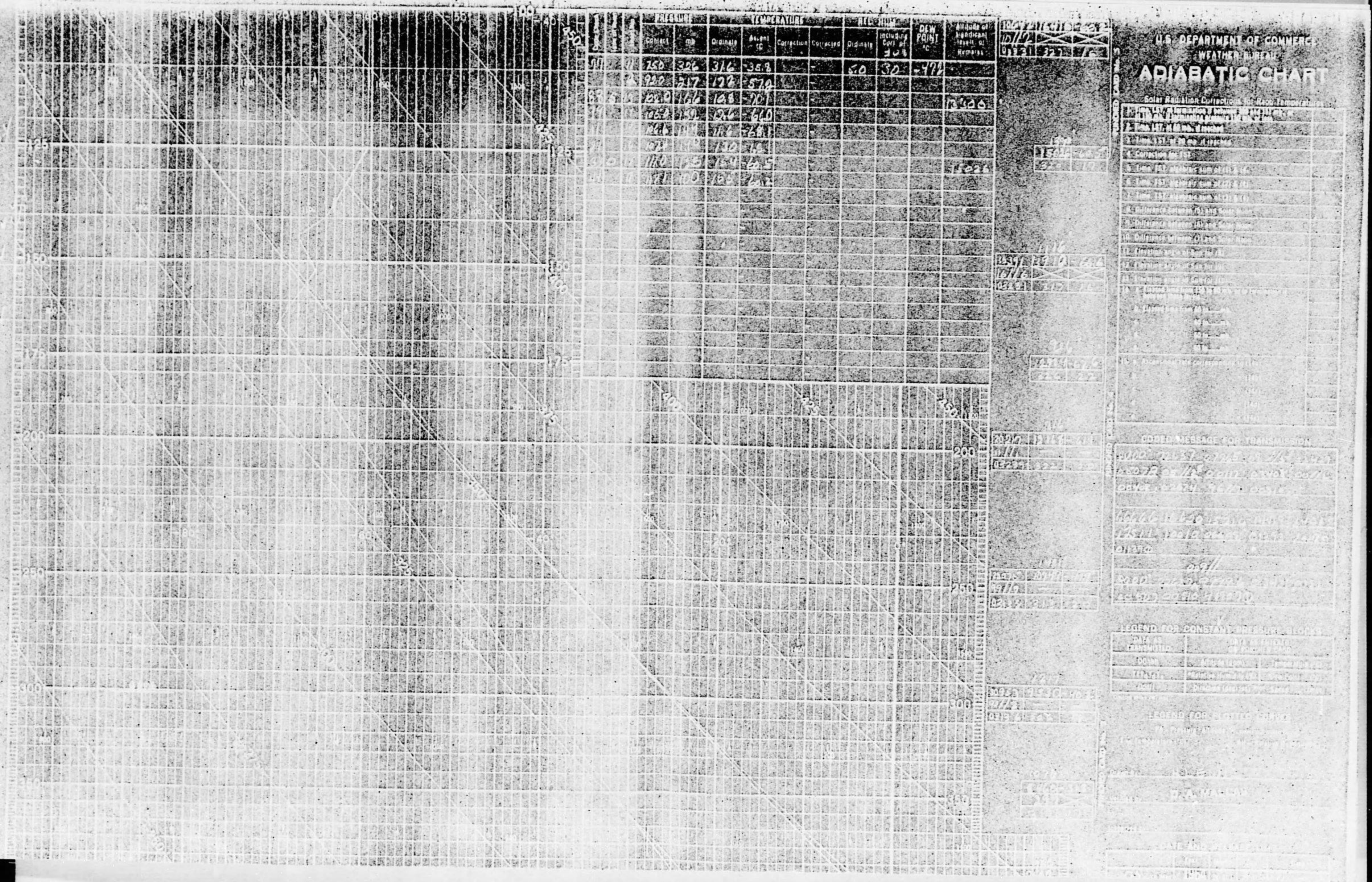
U.S. DEPARTMENT OF COMMERCE
WEATHER BUREAU

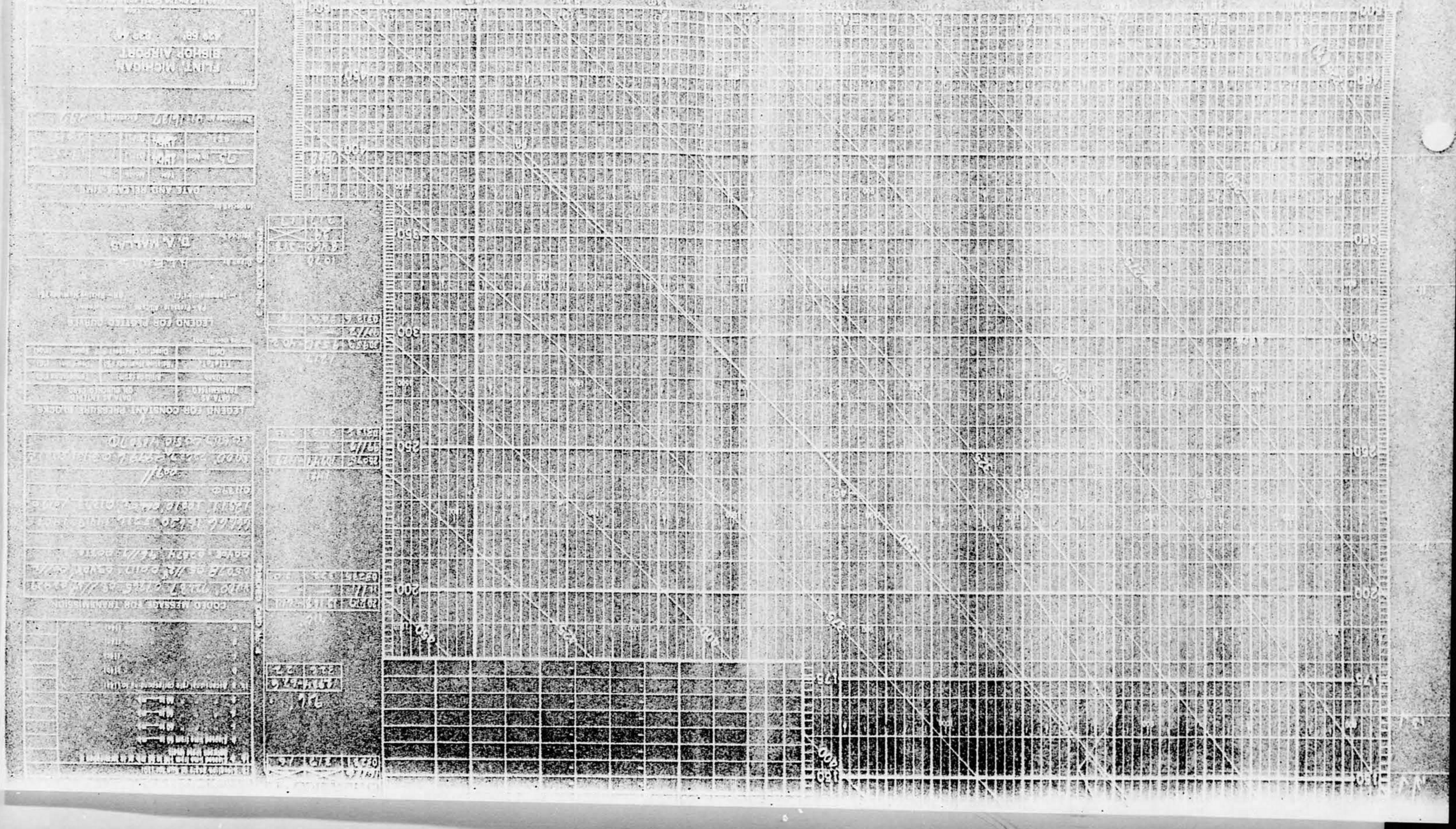
ADIABATIC CHART








U.S. DEPARTMENT OF COMMERCE
WEATHER BUREAU
ADIABATIC CHART
PRESSURE
TEMPERATURE
REL. HUM.
DEW POINT °C
Altitude of significant levels of Remarks
CODED MESSAGE FOR TRANSMISSION
LEGEND FOR CONSTANT PRESSURE BLOCKS
LEGEND FOR PLOTTED SURVEY



TRAVEL VOUCHER OR SUBVOUCHER
(Statement of Travel)

BUREAU VOUCHER NO. | SUBVOUCHER NO. | PAGE 1 OF 2 PAGES

PAYMENT DESIRED: [ ] CHECK [ ] CASH

D. O. VOUCHER NUMBER: T 788

PAID BY: 8

T. A. WILSON
Lt. Col. USAF
DSSN 5030
FTD AFB, Ohio
13 JUL 1964

PAYMENT FOR

[ ] TDY PER DIEM [X] SETTLEMENT OF TDY TRAVEL [ ] SETTLEMENT OF PCS TRAVEL [ ]

1. NAME (Print or type)	2. RANK OR GRADE	3. SERVICE NUMBER
MOODY, DAVID H	MSGT	AF 19549897

4. ORGANIZATION AND STATION	5. DUTY PHONE NUMBER
Hq Foreign Technology Division, W-P AFB, Ohio TDEW	69216

6. MAILING ADDRESS FOR CHECK: Box 9092, Hq FTD, W-P AFB, Ohio

7. TRAVEL ORDERS (Paragraph, S.O. No., Issuing Hq., Date. Include amending orders)
T-1307, 12 Jun 64, Hq FTD, W-P AFB, Ohio

8. PRIOR TRAVEL PAYMENTS UNDER THESE ORDERS (Amount, D.O. Voucher No., date received, place paid, or D.O. Station No. If none, so state)
$76.00 Voucher # T 35993, 12 Jun 64

I. ITINERARY (Before completing, read instructions.)

DATE 1964 A		LOCAL STANDARD TIME (24 Hr Clock) B	PLACE (Base, Activity, City and State, City and Country, etc.) C		MODE OF TRAVEL D	REASON FOR STOP E	USED GOVT QTRS (YES/NO) F	USED GOVT NUMBER OF MEALS G
12Jun	DEP	1300	W-P AFB, Ohio	240	PA			
13Jun	ARR	0500	East Lansing, Michigan		TDY	No	None	
13Jun	DEP	0600			PA			
"	ARR	0630	Williamston, Michigan		TDY	No	None	
"	DEP	1230	Indianhead Motel	12 mi	PA			
"	ARR	1300	East Lansing, Michigan		TDY	No	None	
"	DEP	1330	StatePoliceHqs(Abbott)	12 mi	PA			
"	ARR	1345	Lansing, Michigan		TDY	No	None	
"	DEP	1400	City Police Station	4 mi	PA			
"	ARR	1410	Lansing, Michigan		TDY	No	None	
"	DEP	1545	State Journal (Hand)	1 mi	PA			
"	ARR	1600	Lansing, Michigan		TDY	No	None	
"	DEP	1700	404 S Fairview (Dush)	3 mi	PA			
"	ARR	1800	Lansing, Michigan		TDY	No	None	
"	DEP	2000	210 Norman (Bell)	7 mi	PA			
"	ARR	2015	Lansing, Michigan	3 mi	TDY	No	None	
"	DEP	2200	1861 Grand (Brower)		PA			
	ARR		(See Continuation Sheet)					

II. FOR D.O. USE ONLY

I. COMPUTATIONS

III. REIMBURSABLE EXPENSES

DATE	NATURE AND EXPLANATION OF EXPENSE	AMOUNT

RECEIVED JUN 19 1964 PM 1:45

IV. CIVILIAN EMPLOYEES ONLY

PLACE GOVERNMENT QUARTERS PAID FOR	PERIOD	DAILY RATE

[ ] NO QUARTERS OR MEALS INVOLVED ARE SUBJECT TO PER DIEM REDUCTION

SPEEDOMETER READINGS	A. START	B. END

V. FOR ADMINISTRATIVE USE ONLY

1. ACCOUNTING CLASSIFICATION
5743400 30bb771 2489 2121 2231 3503000 TD (O/A 15b-4) (E) 17.00
" " 2421 " " " " 56

2. COLLECTION DATA
5743500 32A P51o 1100 3503725

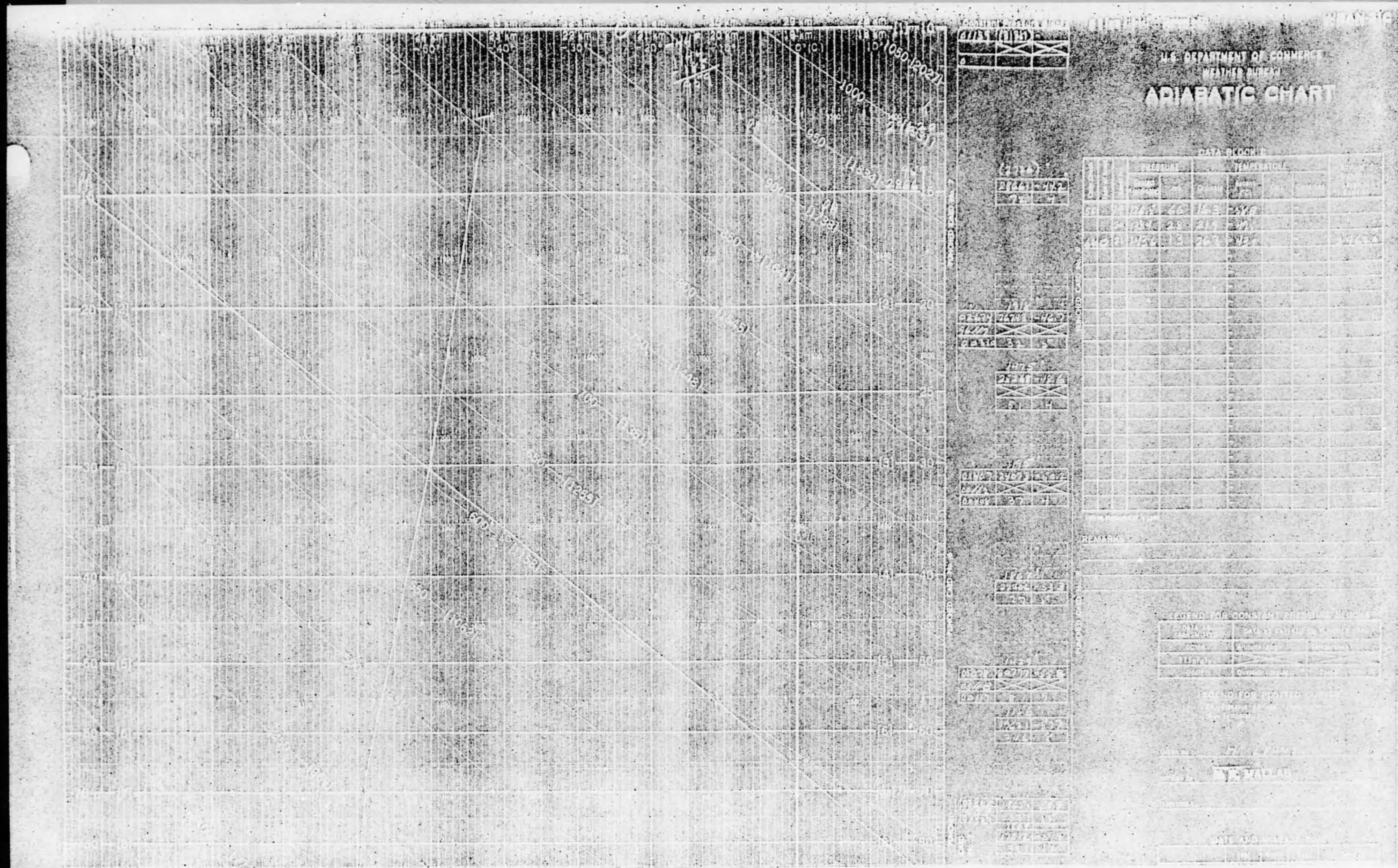
3. RECEIVED IN CASH (Signature of payee)	4. DATE RECEIVED	5. CHECK NUMBER AND DATE	6. AMOUNT PAID

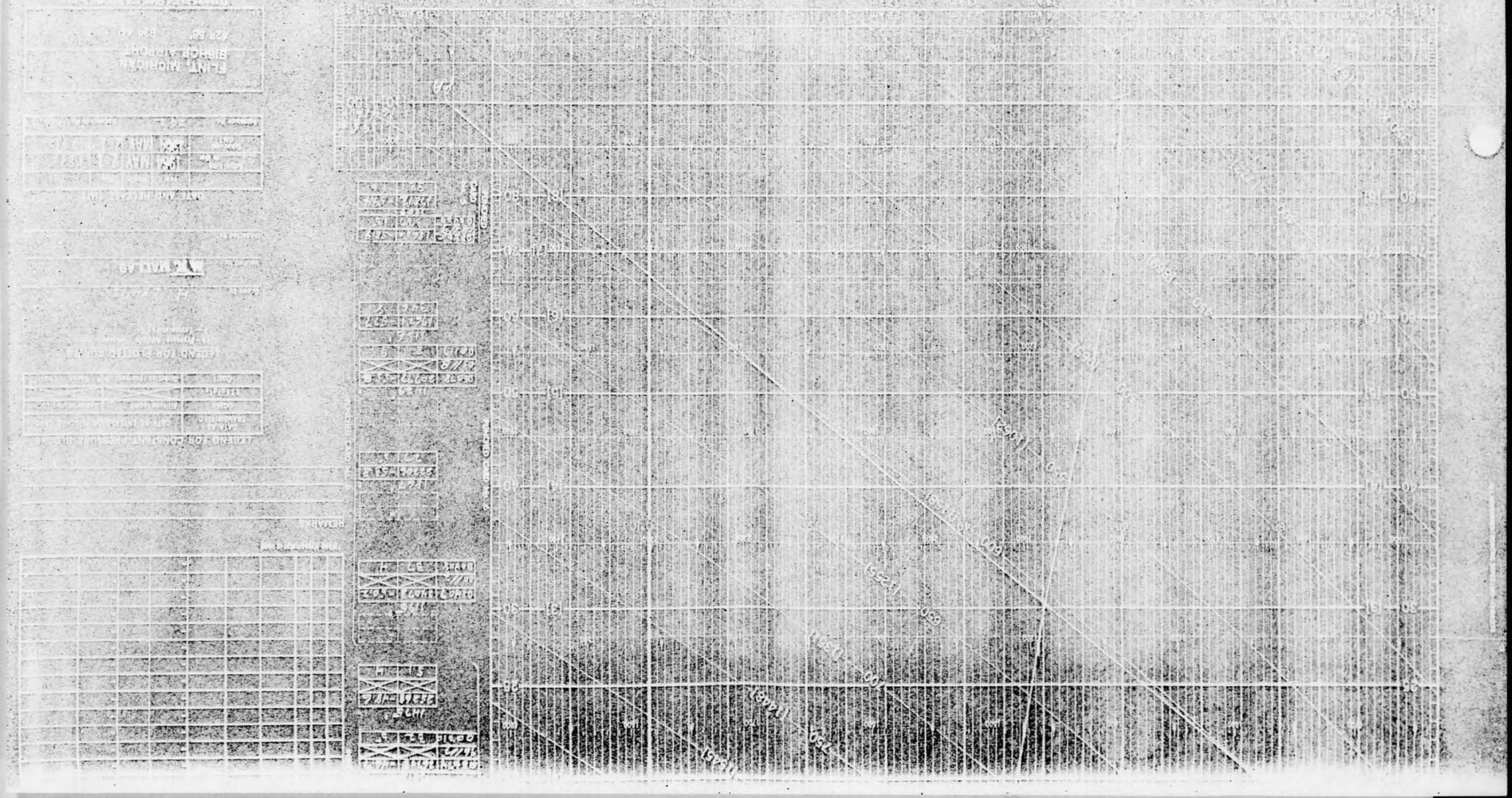
2. SUMMARY OF PAYMENT

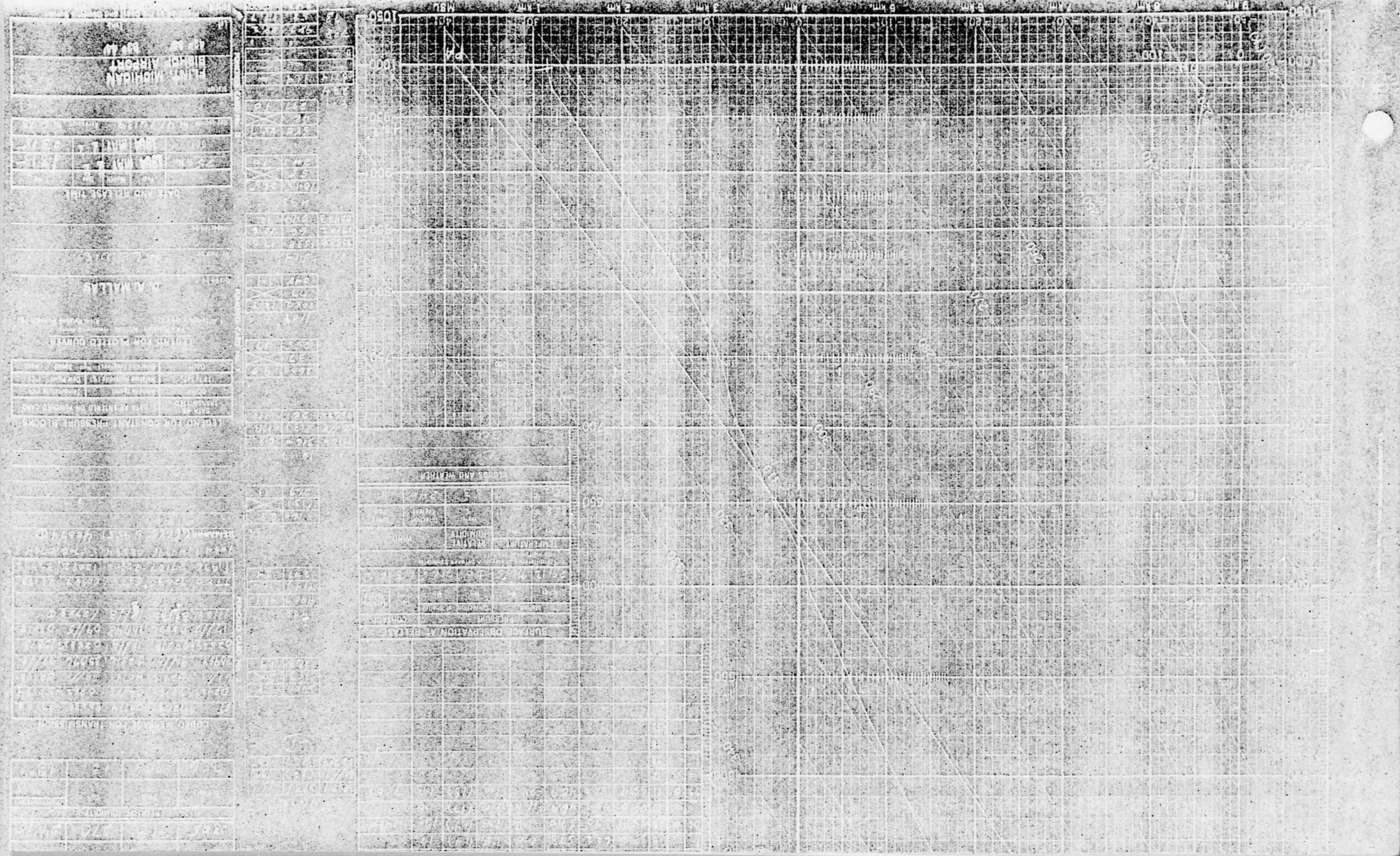
A. PER DIEM	12.00
B. MILEAGE OR TRANSPORTATION ALLOWANCES	60.55
C. REIMBURSABLE EXPENSES	
D. TOTAL AMOUNT DUE	72.55
E. LESS DROPPAGES (Advances)	16.00
F. AMOUNT CHARGED TO ACCOUNTING CLASSIFICATION	56.55
G. LESS VOUCHER DEDUCTIONS (BAS)	

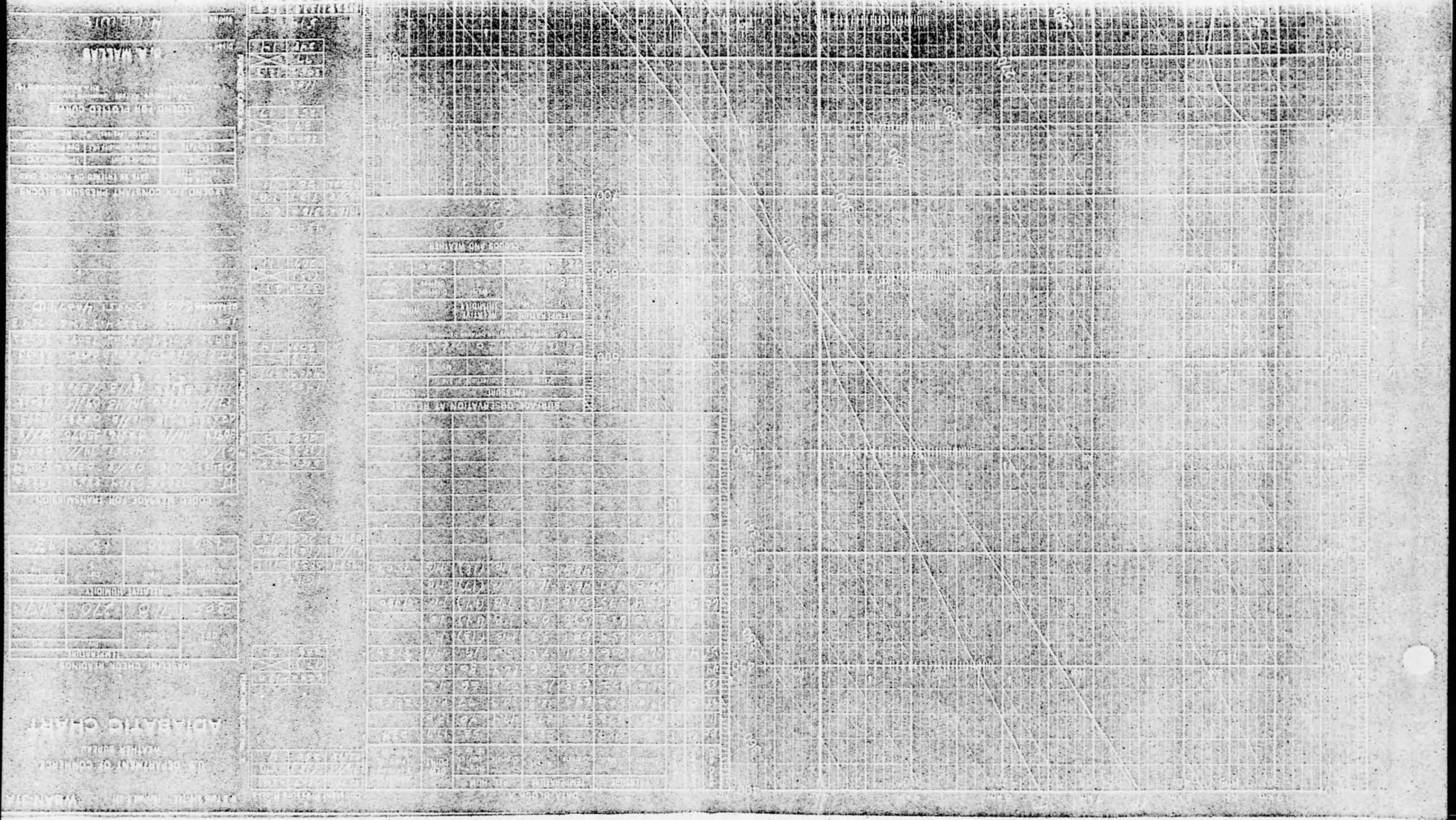
DD FORM 1351 PAYEE COPY. REPLACES SF 1012 (SERIES), AND DD FORM 786, APR 54, WHICH ARE OBSOLETE IN THE USAF.

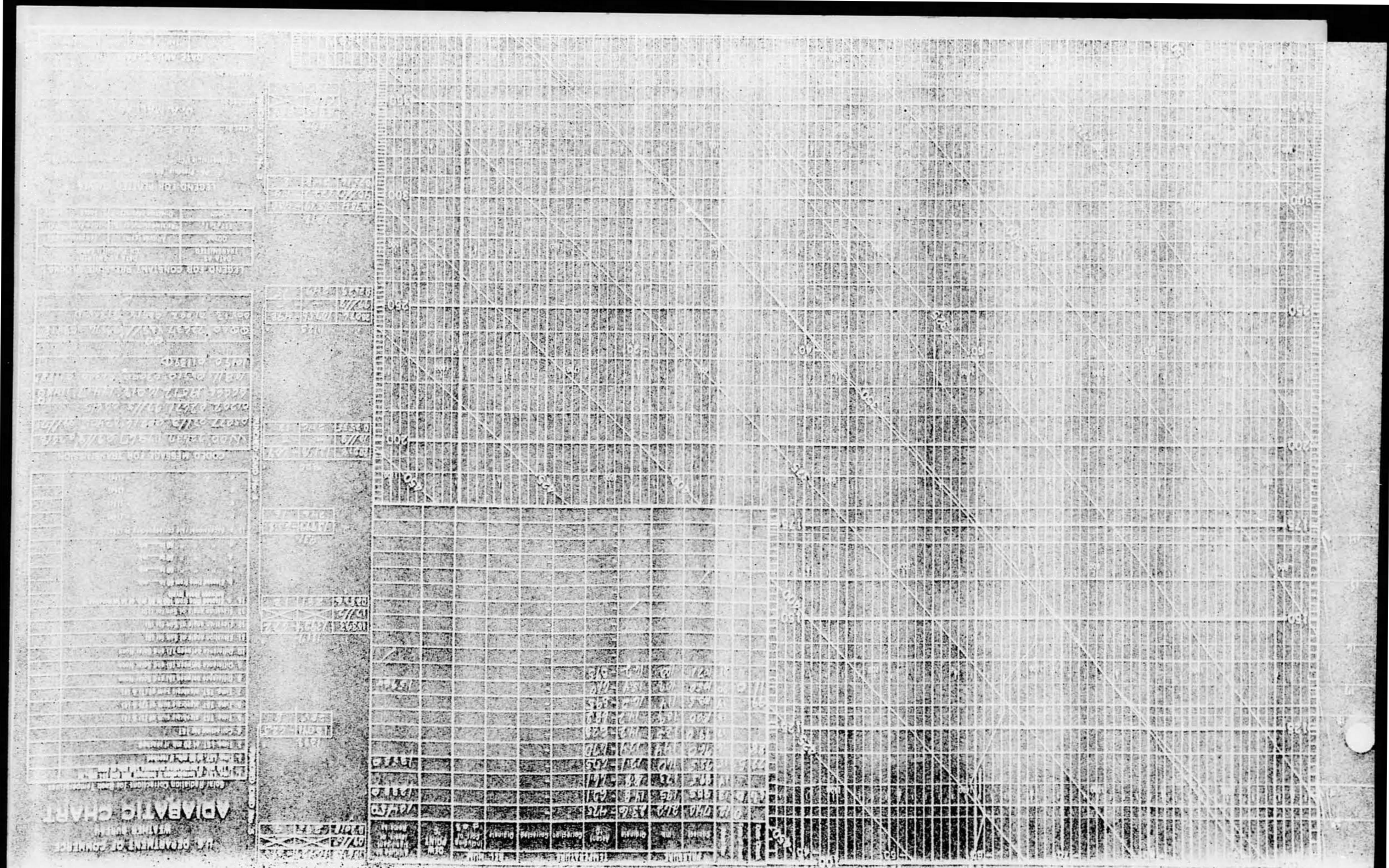
FORM APPROVED BY COMPTROLLER GENERAL, U. S. 15 MAY 1961.

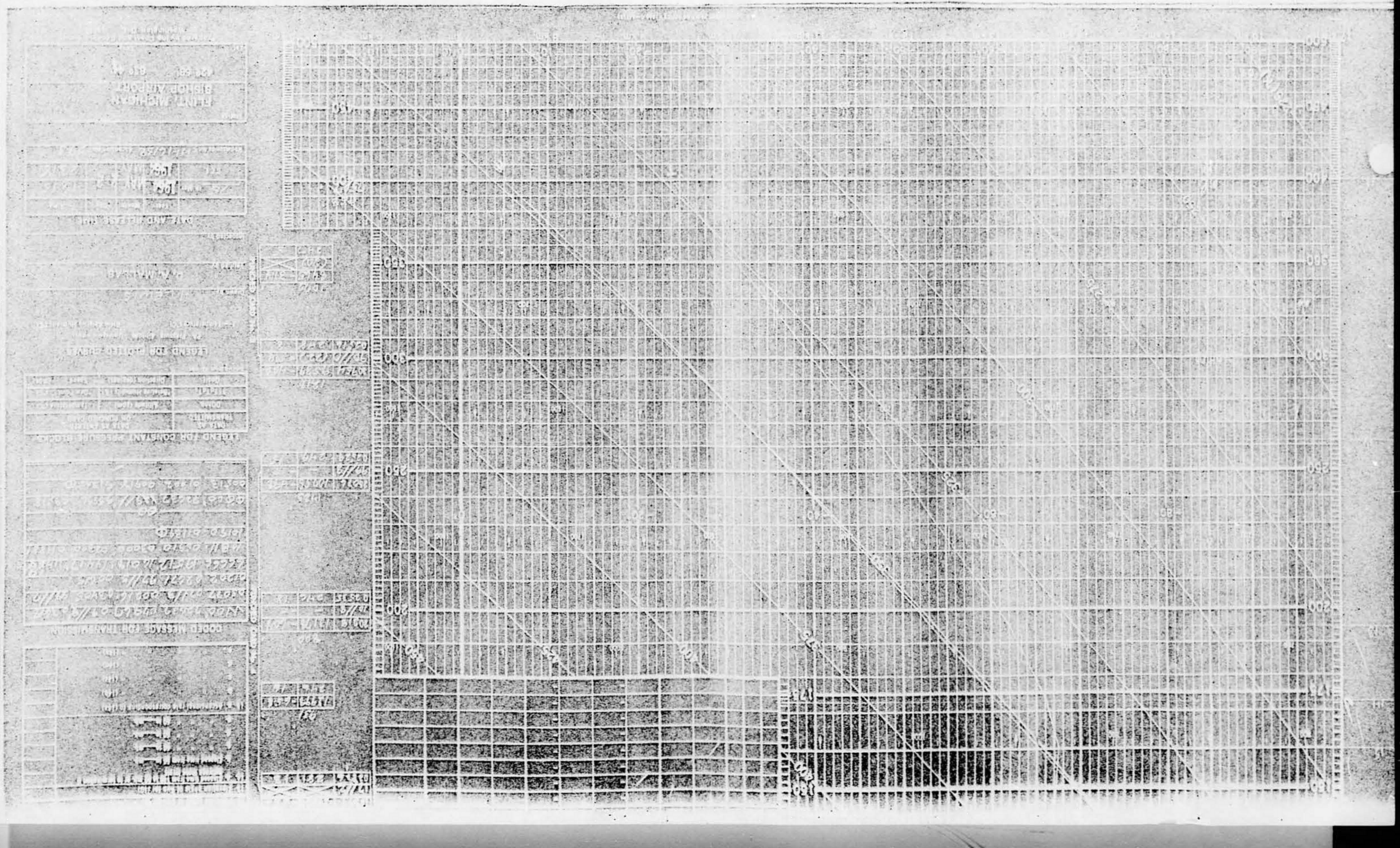

U.S. DEPARTMENT OF COMMERCE
WEATHER BUREAU
ADIABATIC CHART
DATA BLOCK
PRESSURE
TEMPERATURE
REMARKS
LEGEND FOR CONSTANT PRESSURE BLOCKS
LEGEND FOR PLOTTED CURVES









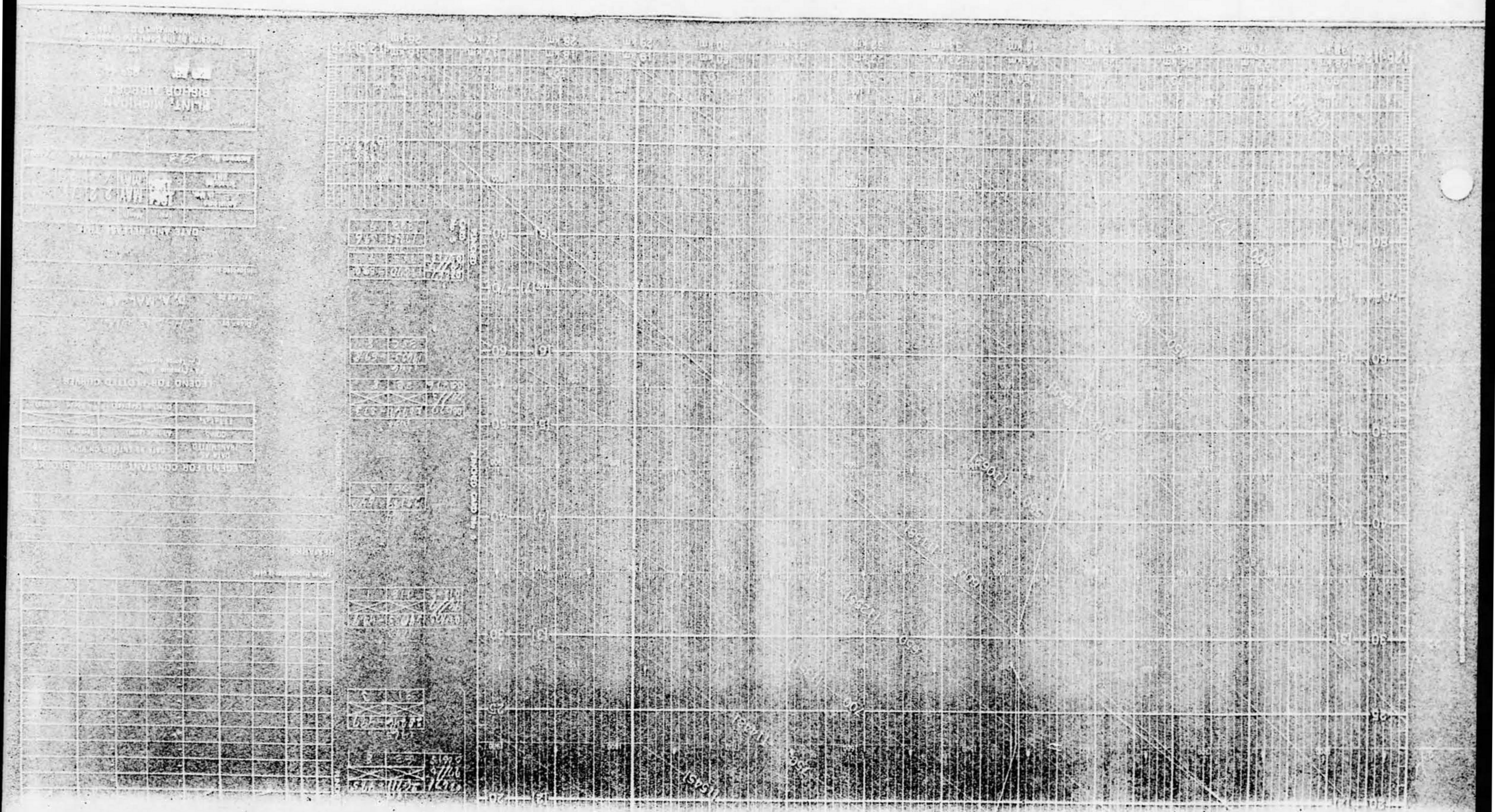


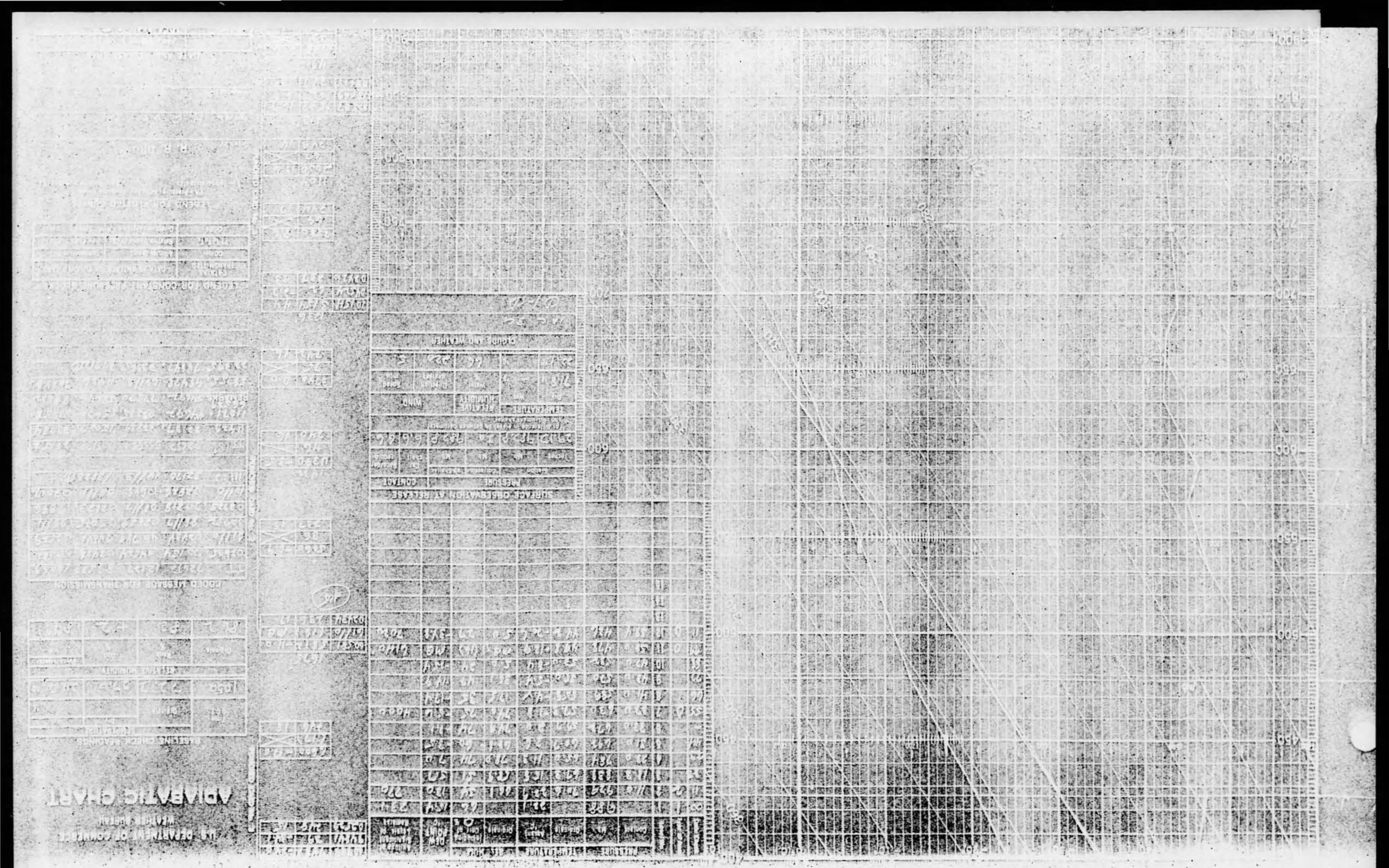
U.S. DEPARTMENT OF COMMERCE
WEATHER BUREAU

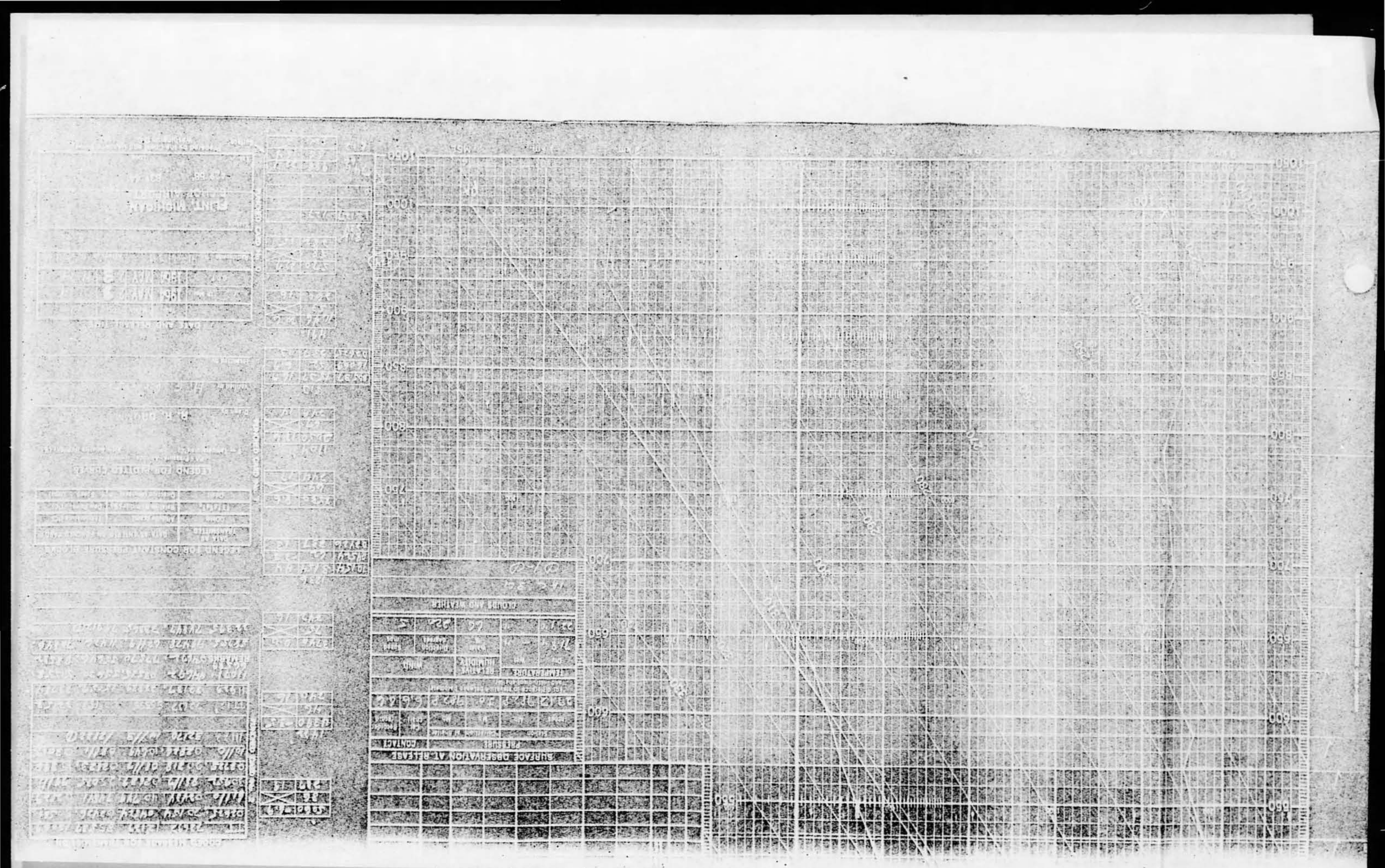
ADIABATIC CHART

DATA BLOCK

PRESSURE	TEMPERATURE







VI. TRANSPORTATION REQUESTS USED

1. TR NUMBER	2. FROM	3. TO
NONE		

VII. MEAL TICKETS USED FOR TRAVEL

1A. FROM	B. TO	2A. FROM	B. TO
NONE			

VIII. INSTRUCTIONS

A. PREPARATION OF THIS FORM

1. Use black, blue or blue-black ink *(ballpoint pen)* or typewriter. Use of lead pencil is not authorized.
2. Ask the local authority how many copies will be required.
3. Responsibility for preparation will be in accordance with the procedures used at the place where the claim is submitted.
4. If additional space is needed, use continuation sheet. *(Remarks, itinerary, etc.)*

B. SYMBOLS *(For use in Section I)*

MEANS (Mode) OF TRAVEL

FIRST LETTER		SECOND LETTER	
1. TRANSPN REQ	T	5. AUTO	A
2. GOVT TRANSPN	G	6. BUS	B
3. COMML TRANSPN (own expense)	C	7. PLANE	P
		8. RAIL	R
4. PRIVATE VEHICLE	P	9. VESSEL	V

REASONS FOR STOPS

10. AWAITING TRANSPORTATION	AT	16. MISSION COMPLETE	MC
11. CHANGE MODE OF TRANSPORTATION	CM	17. MECHANICAL DIFFICULTY	MEC
12. CREW REST	CR	18. PICKUP CARGO *(Passengers)*	PC
13. DISCHARGE CARGO *(Passengers)*	DC	19. REMAIN OVERNIGHT	RON
14. LEAVE OR DELAY EN ROUTE	LV	20. TEMPORARY DUTY	TDY
15. MAINTENANCE *(Refuel)*	MA	21. WEATHER ADVERSE	WX

C. REQUIRED ATTACHMENTS

1. Copy or copies of travel orders and amendments as instructed. 2. Traveler's copy of each transportation request (SF 1169B) used. 3. All receipts from transportation officer for unused transportation requests, carriers' tickets, and meal tickets. 4. Receipts from carriers if cost of transportation is claimed. 5. Charge letters for transportation requests received en route. 6. Statements of nonavailability *(quarters, mess and directed mode of transportation)*.

D. TRAVELER'S RESPONSIBILITY

1. The traveler *(Claimant)* is responsible that the information furnished by means of this form and its attachments *(which are made a part hereof)* be factual and complete and that the itinerary *(Section I)* shows all travel performed and all modes of transportation used during the inclusive period involved including travel performed and modes of transportation used while on leave, delay en route, or travel to home or permanent station for personal reasons.
2. Concealment or falsification of facts is punishable under Article 132, UCMJ. The penalty for presenting a fraudulent claim may be a fine of not more than $10,000 or imprisonment for not more than 5 years or both (18 U.S.C. 287). Falsification of an item in an expense account works a forfeiture of the claim (28 U.S.C. 2514).
3. ITEM 1A, Section IX. The statement in Item 1A, Section IX, pertains to temporary duty travel by a member outside of the United States. If it is not factual, it should be lined through and the facts stated on an attachment hereto.
4. ITEM 1B, Section IX. The statement in Item 1B, Section IX, pertains to use of a private vehicle when authorized as more advantageous to the Government than other modes of transportation. If it is not factual, it should be lined through and the facts stated on an attachment hereto.

IX. STATEMENTS AND SIGNATURE OF CLAIMANT *(Before signing, read instructions above.)*

1. STATEMENTS.

A. I HAVE NOT RECEIVED MONETARY TRAVEL ALLOWANCE OF ANY NATURE FROM ANY OTHER AGENCY OF THE U.S., A FOREIGN GOVERNMENT, OR THE UNITED NATIONS FOR THE TRAVEL AND/OR TDY SET FORTH HEREIN EXCEPT AS JOINTLY AUTHORIZED BY THE SECRETARIES CONCERNED.

B. I WAS IN FACT THE OWNER OR OPERATOR OF THE PRIVATELY OWNED CONVEYANCE USED AND I WAS PRIMARILY RESPONSIBLE FOR PAYMENT OF ITS OPERATING EXPENSES. *(Applicable to all travel of civilian employees by POV and service members, when applicable.)*

C. THE STATEMENTS HEREON AND ATTACHED HERETO ARE TRUE AND COMPLETE AND PAYMENT OR CREDIT HAS NOT BEEN RECEIVED.

2. I HEREBY CLAIM ANY REIMBURSEMENT DUE ME. *(If a specific claim is made, it should be entered in Remarks or signed and attached.)*

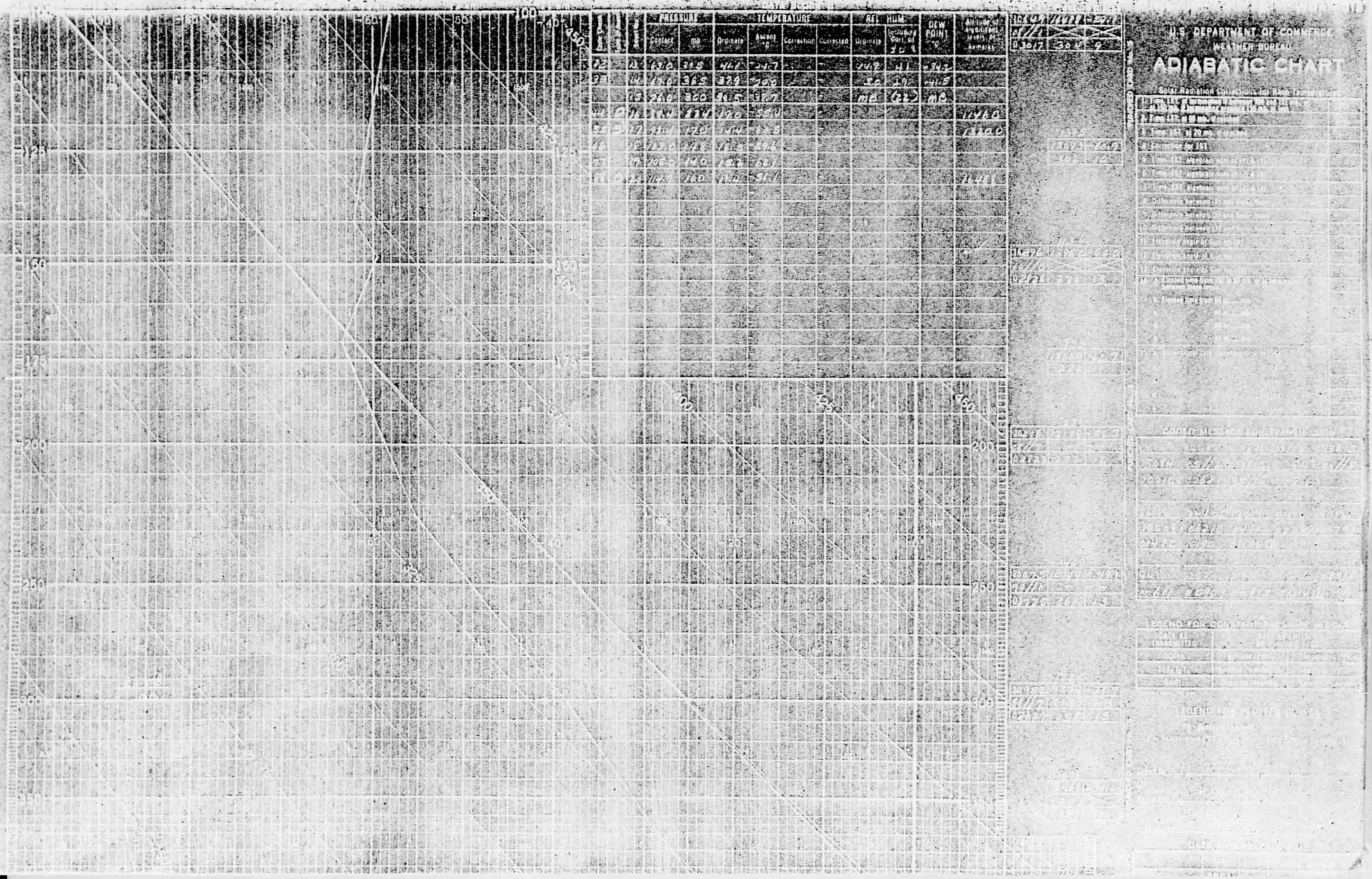
DATE	SIGNATURE	SERVICE NUMBER

PURSUANT TO AUTHORITY VESTED IN ME, I CERTIFY THAT THIS STATEMENT IS CORRECT AND PROPER

DATE	SIGNATURE OF AUTHORIZED CERTIFYING OFFICER

COMPUTED BY	...ITED BY	POSTED TO TVL RECORD BY	BAS @	STA SUBS @
			PSG 5	

☆ U. S. GOVERNMENT PRINTING OFFICE: 1963—665781



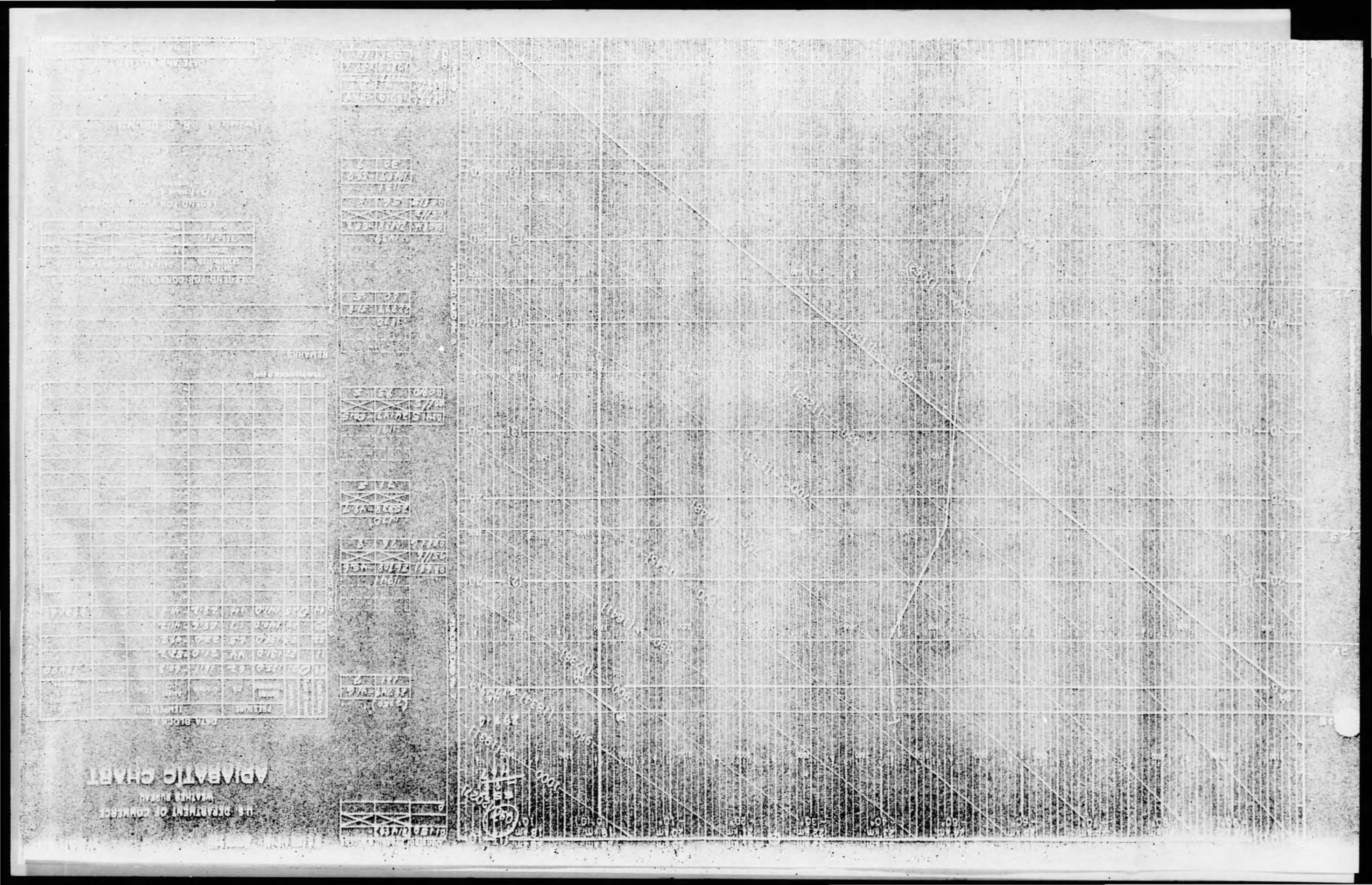
U.S. DEPARTMENT OF COMMERCE
WEATHER BUREAU

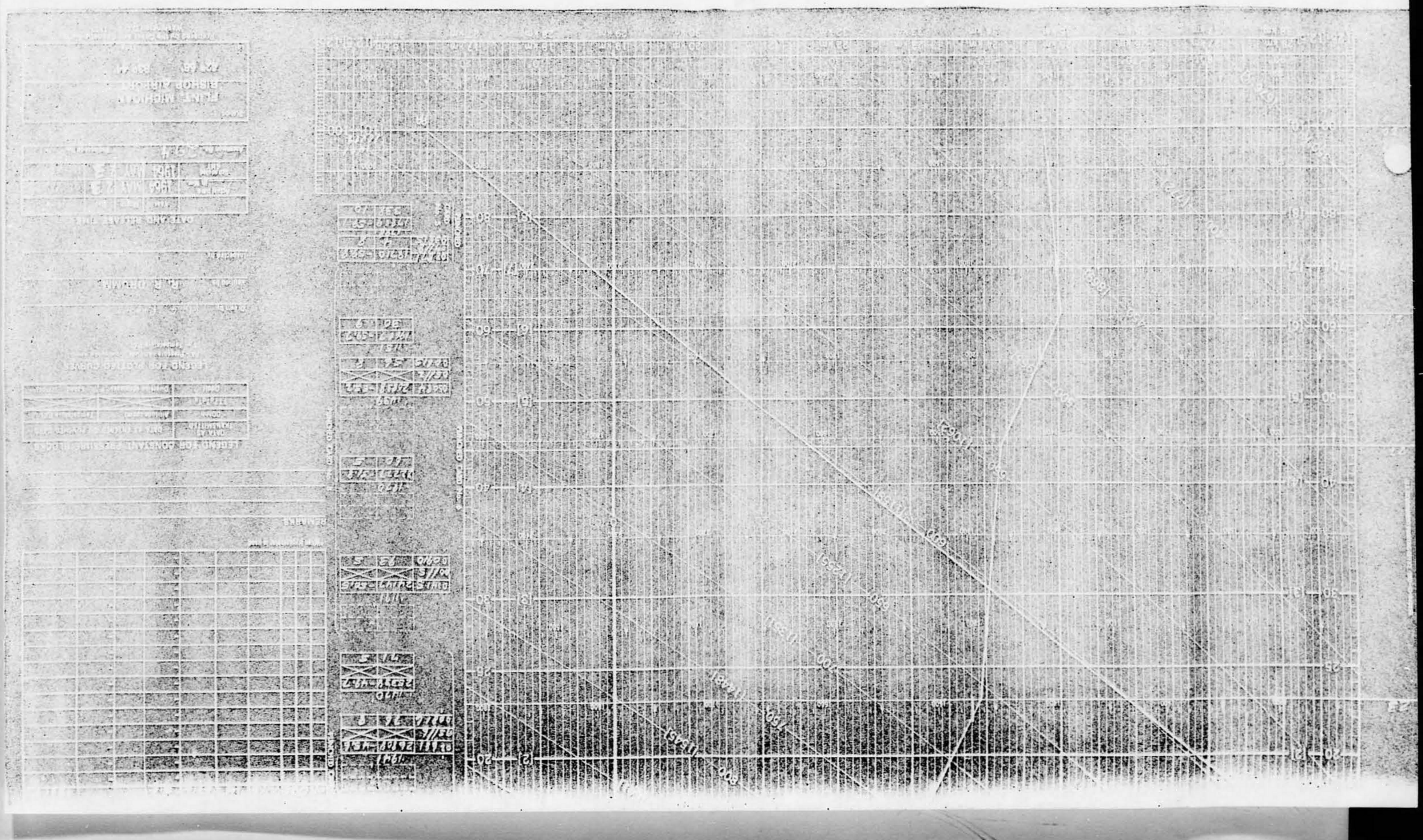
ADIABATIC CHART

Solar Radiation Corrections for Air Temperature

CODED MESSAGE FOR TRANSMISSION

LEGEND FOR CONSTANTS





1 - 15 JUNE 1964 SIGHTINGS

DATE	LOCATION	OBSERVER	EVALUATION
Summer	Chatham, New Jersey	[redacted]	INSUFFICIENT DATA
Summer	Willingboro, New Jersey	[redacted]	Other (Psychological)
June	Mulberry, Florida	[redacted]	INSUFFICIENT DATA
1(About)	Elkhart, Indiana	[redacted]	Astro (METEOR)
1	Crystal Lake, Michigan	[redacted]	AIRCRAFT
1	Paducah, Kentucky	[redacted] (PHYSICAL SPEC)	Other (PLASTIC BOTTLE)
1	Chicago, Illinois	[redacted]	AIRCRAFT
5	Middleboro, Massachusetts	[redacted]	1. Astro (METEORS) 2. INSUFFICIENT DATA
5	Lansing, Michigan	[redacted]	AIRCRAFT
5	Texarkana, Texas	[redacted]	Astro (MOON)
6	Atlantic Ocean (600 Mi NW Ascension Island	[redacted]	Astro (VEGA)
6	Galveston, Indiana	[redacted]	1. Astro (ARCTURUS) 2. AIRCRAFT
DR 9	Westfield, Wisconsin	[redacted] (PHYSICAL SPEC)	Other (NATURAL COPPER)
9	Kansas City, Kansas	[redacted]	SATELLITE
9	Kokomo, Indiana	[redacted]	AIRCRAFT
10	Clayton, Ohio	[redacted]	Other (UNRELIABLE REPORT)
10	Bastrop, Texas	[redacted]	INSUFFICIENT DATA
11-12	Saresota, Florida	[redacted]	AIRCRAFT
13	Toledo, Ohio	[redacted]	UNIDENTIFIED
13	Grand Ledge, Michigan	[redacted]	Other (REFLECTION OF LIGHTS ON FOG)
14	Dale, Indiana	[redacted] (PHYSICAL SPEC)	Other (HOAX)
15	St. Georges De Bouce, P.Q., Canada RCMP (PHYSICAL SPEC) (see following folder)		Other (LIGHTNING ARRESTOR)

ADDITIONAL REPORTED SIGHTINGS (NOT CASES)

DATE	LOCATION	SOURCE	EVALUATION
June	Universe	Science News Ltr	
June	Peace AFB. N. H.	[redacted] (Ltr)	
June	Emporium. Pa.	[redacted] (Ltr)	
June	Argentina	News Clipping	
June	Australia	" "	
Summer	Oakhurst, N. J.	[redacted] (Ltr)	
Summer	Detroit, Mich.	[redacted] (Ltr)	
Summer	Willingboro, N. J.	[redacted] (Ltr)	
1	Salisbury, Rhodesia	News Clipping	
2	Hobbs, N. M.	" "	
2	Sunnyvale, Calif.	" "	
3	Houston, Tex.	" "	
3	Flagstaff, Ariz.	" "	
3	Page, Ariz.	" "	
4	Ashtabula, Ohio	" "	
4	Coshocton, Ohio	" "	
5	Parma, Ohio	" "	
5	Cleveland, Ohio	" "	
5	Fiji Island of Taveuni	" "	
6	Bloomfield, Conn.	[redacted] (Ltr)	

1 - 15 JUNE 1964 SIGHTINGS

ADDITIONAL REPORTED SIGHTINGS (NOT CASES)

DATE	LOCATION	SOURCE	EVALUATION
8	Massillon, Ohio	News Clipping	
8	Felling, England	" "	
9	Burlington, Wyoming	" "	
9	Hamilton, Ohio	" "	
10	North Dakota	" "	
11	Elmore, Ohio	" "	
12	Melbourne, Australia	" "	
12	Hallam, Australia	" "	
13	Thurmaston, Leicester, England	[redacted] (Ltr)	
13	Pemberville, Ohio	News Clipping	
15	Lynn, Mass.	" "	

TRAVEL VOUCHER OR SUBVOUCHER (Continuation Sheet)
(Statement of Travel)

NAME OF PAYEE

DAVID N MOODY, TSGT

I. ITINERARY								II. FOR D. O. USE ONLY
DATE A	LOCAL STANDARD TIME (24 Hour Clock) B		PLACE (Base, Activity, City and State, City and Country, etc.) C	MODE OF TVL D	REASON FOR STOP E	USED GOVT QTRS (Yes/No) F	USED GOVT NUMBER OF MEALS G	COMPUTATIONS
BROUGHT FORWARD								
	DEP							
13Jun	ARR	2230	Williamston, Mich		TDY	No	None	
14Jun	DEP	0700	Indianhead Motel 7 mi	PA				
"	ARR	0730	East Lansing, Mich 12 mi		TDY	No	None	
"	DEP	0800	StatePoliceHqs(Castro)	PA				
"	ARR	0830	Grand Ledge, Mich		TDY	No	None	
"	DEP	0930	(Center of Town) 13 mi	PA				
"	ARR	1000	North Grand Ledge, Mich		TDY	No	None	
"	DEP	1045	Cutter Road (Mourae) 6 mi	PA				
"	ARR	1100	Grand Ledge, Mich		TDY	No	None	
"	DEP	1105	Abrayas Airport 4 mi	PA				
"	ARR	1115	Delta Town Ship 6 mi		TDY	No	None	
"	DEP	1130	Fire Barn, Mich (Ruckert)	PA				
"	ARR	1300	Grand Ledge, Mich 4 mi		TDY	No	None	
"	DEP	1330	201 Oakwood (Bancraft)	PA				
"	ARR	1345	Grand Ledge, Mich 5 mi		TDY	No	None	
"	DEP	1500	(Rural Area)(Bancraft)	PA				
"	ARR	1515	Grand Ledge, Mich 5 mi		TDY	No	None	
"	DEP	1600	Center of Town (Bancraft)	PA				
"	ARR	1630	Williamston, Mich 30 mi		TDY	No	None	
"	DEP	2000	Indianhead Motel	PA				
"	ARR	2030	Capitol City Airport 18 mi		TDY	No	None	
15Jun	DEP	0200	Lansing, Michigan(FAA Tower)	PA				
"	ARR	0230	Williamston, Michigan		TDY	No	None	
"	DEP	0800	Indianhead Motel 18 mi	PA				
"	ARR	0930	Ann Arbor, Michigan 55 mi		TDY	No	None	
"	DEP	0945	(U of Michigan)(SgtLarson)	PA				
"	ARR	1015	Willow Run Airport 23 mi		TDY	No	None	
"	DEP	1400	WillowRun,Mich(Suits,Cashe)	PA				
"	ARR	1600	Lansing, Michigan 31 mi		TDY	No	None	
"	DEP	1800	Capitol City Apt (Snow,Bauer)	PA				
"	ARR	1815	Lansing, Michigan 4 mi		TDY	No	None	
"	DEP	1830	State Journal(FrankHand)	PA				
"	ARR	2100	BattleCreek,Mich 72 mi		TDY	No	None	
16Jun	DEP	0900	AveryMotel,950W Columbia	PA				
"	ARR	0915	Custer AFB, Michigan		TDY	No	None	
"	DEP	1215	(Sgt Micklatcher) 3 mi	PA				
"	ARR	1300	Marshall, Michigan		TDY	No	None	
"	DEP	1400	HWY 27 20 mi	PA				
16Jun	ARR	2300	W-P AFB, Ohio		NC			
	DEP							
	ARR							
	DEP							
	ARR							
	DEP							
	ARR							
	DEP							
GRAND TOTAL TO FACE OF VOUCHER *(Subtotals, to be carried forward if necessary)*								

DD FORM SEP 61 1351-2c REPLACES SF 1012 (SERIES), AND DD FORM 764 FORM APPROVED BY COMPTROLLER GENERAL, U. S. 15 MAY 1961. APR 54, WHICH ARE OBSOLETE IN THE USAF.

III. TRANSPORTATION REQUESTS USED

TR NUMBER A	FROM B	TO C

IV. MEAL TICKETS USED FOR TRAVEL

FROM	TO	FROM	TO

V. REIMBURSABLE EXPENSES

VI. FOR D. O. USE ONLY

DATE A	NATURE AND EXPLANATION OF EXPENSE B	AMOUNT C	COMPUTATIONS

REMARKS

☆ U. S. GOVERNMENT PRINTING OFFICE: 1952—613385

TAB

A — Bill Powers Preliminary Report

B — Bill Powers Trip Report (Final)

C — Investigative Data

1. Extract From Michigan State Police Log
2. Extract From Lansing City Police Log
3. Memo's For Record
4. Miscellaneous Data

D — [redacted] Sighting

E — Mr and Mrs [redacted] Sighting

F — [redacted] Sighting

G — Mrs [redacted] Report

H — Newspaper Clippings

I — Weather Data

A

Preliminary Investigation of UFO Reports, May 17 - 22, 1964.
William T. Powers, Systems Engineer, Dearborn Observatory

On Friday night, May 22-23, I made a brief telephone survey in response to a request by J. A. Hynek, Director of Dearborn Observatory, following his apprisal of a UPI report of sightingsin Lansing, Michigan.

My first call was to UPI in Chicago; a report of a UFO sighting had come in, but from Marion, Indiana. A subsequent call to UPI in Lansing established that reports were coming independently from both locations.

I contacted the Police Department in Marion, and was informed that police officers in the Marion force and in police departments of surrounding towns (Tipton, Hartford, Tipton Country Sheriff's office, State Police) had witnessed during the past three nights either single lights or groups of lights, both stationary and moving, which struck witnesses as unusual enough to report. Calls to several of the other departments in the area did not add much information, as the witnesses were on patrol or were not on duty at the time. In every case I was assured that the witnesses would be available if a complete investigation were carried out; in most cases the sightings were logged, or else the force is small enough that the individuals involved will be easy to find.

I did succeed in locating one witness who saw an orange light low in the northwest sky, apparently "200 - 500 feet high, three to six miles away", having driven to the west end of town (Hartford City) after hearing over his police car radio comments about other sightings in progress. The officer, Robert Meredith, reports that the Blackford [redacted], and another man named [redacted] saw the orange light. It seems clear that the object was Venus, just prior to setting.

The other reports may involve more definite motion, and some involve multiple objects (at least one observation through binoculars), so the Venus explanation cannot readily be extended without further information.

Having established that enough information could be obtained through the Marion police department for a future investigation, I turned to the Lansing reports.

TRIP REPORT OF TSGT DAVID N MOODY, TO LANSING, MICHIGAN

On 12 Jun 64, TSgt David N Moody, AF 19549897, departed Wright-Patterson AFB, Ohio for the Lansing, Michigan area to investigate reports of UFO's in that area. This trip was necessitated by wide coverage in the news media and letters from public citizens requesting information through SAFOI.

At 0800, 13 June, TSgt Moody met William Powers of Northwestern University at the East Lansing State Police Headquarters. Police officers at this location had received some 30 to 40 calls from in and around Lansing of sightings from 21 and 22 May 64. Sgt Snyder of the Lansing State Police turned this data over to the investigator's.

Sgt Moody accompanied by Bill Powers proceeded to the Lansing City Police Station, Lansing, Michigan and extracted from the Police logs reports of 21, 23 and 25 May 64, of sightings by [redacted], [redacted], [redacted] and [redacted]. Discussions with officers on duty indicated that additional reports had been received, however, these four sightings were the only ones in which a policeman from the City Police was dispatched.

From the City Police Station investigators proceeded to the office of the State Journal Newspaper at Lansing, Michigan. Discussions with reporter Frank Hand regarding the sightings in the area and news release of results were made. From this location telephone calls were made to the principle witnesses in the various sightings and a determination made as to which specific cases required additional investigation. From these initial reports it was apparent that there were at least thirteen seperate sightings. At this point sightings listed were grouped into:

1. Reports attributable to the siren and special lights on a police car. Witnesses to this sighting were [redacted], Captain [redacted] and [redacted], and additional witnesses. (This sighting will be written up by Bill Powers in his report).

2. Sighting of [redacted] and [redacted]. This was believed to be a meteor sighting and Mr [redacted] to be contacted later.

3. [redacted] and Corporal Thorton of the East Lansing Michigan State Police observation of a two second duration. A probable meteor sighting to be covered in Bill Powers report.

4. [redacted] sighting (to be investigated later by both Sgt Moody and Bill Powers.)

5. [redacted] (to be contacted by telephone.)

6. Sightings of two college students, [redacted] and [redacted] at Michigan State University (to be contacted by Bill Powers.)

The first Lansing call was to the Lansing Police Department, where I spoke with Sgt. R. Snyder. A series of calls had been received from residents of Southern Lansing for several days, starting at 3 AM on Wednesday morning, May 20. A list of names was obtained from the log of Wednesday, all from people who complained of a "wierd noise." This noise was described approximately as a "whirring" noise, starting low and going high, then stopping. In a subsequent call to the Ingham County Sheriff's office, I was informed that at 3AM Wednesday morning a police car had made an emergency run down Miller street, employing a new "warbling" siren, which the desk sergeant described as sounding "wierd." When I read him the list of addresses of the complainants, he identified most, but not all, of them as being close to the route of the emergency run.

It was also found that an elephant was tethered all night in a shopping center nearby, part of a promotion stunt.

The reports of 3 AM Wednesday, therefore, may tentatively be connected with the known emergency run, at least those definitely concerned with noises, which I understand is true in all cases.

Reports from Thursday and Friday night, however, cannot be connected with the siren, as objects were seen. There appear to be several independent sightings of different objects.

One object, a bright blue or blue-green light, was seen descending "to the ground" (that is, going out of sight following a downward course) by two people, [redacted]. Each was in his own car on the way home when he caught sight of the object. Both were impressed sufficiently to attempt to drive to where the object disappeared, and both seem to have thought it might be an aircraft in trouble. The men met subsequently, [redacted] was acting in his capacity of television announcer (for WILX) at a remote broadcast from [redacted] restaurant ([redacted] in Lansing, and here they each learned that the other had seen the light. Unfortunately, it appears that they have already compared their stories, as both reported to me in phone calls Saturday morning that

A.M. 05:10 - 05:15 Z
May 15

the sighting took place at "12:10 to 12:15". Both men have agreed to cooperate in any detailed investigation.

One of the calls associated with the night of the emergency run previously mentioned was from a farmer in Grand Ledge, who called the ~~Ingham County Sheriff's~~ Indiana State Police department with a report that he had seen a flying saucer land and take off again. A police car 5 miles from the scene was dispatched, but before it arrived the farmer, whose name was not obtained, said that the object was gone; the investigating patrol reported sighting nothing unusual, so the sighting was not logged: the name of the farmer may be difficult to discover. The farmer said the object was blue/and (shining) roared and was /15 feet in diameter. The police officer clearly believes the man to be "mistaken".

There are several more reports which need to be straightened out better then I could do over the telephone. One involves two men coming home from the night shift (apparently) at Oldsmobile, an [redacted]s and a [redacted] The two men were in a car parked in front of [redacted] house when they heard a weird noise (apparently not the siren - time is wrong) and saw an object that looked like a shooting star going behind the house. It made (or something made) a sufficiently impressive noise that [redacted] wife jumped out of bed, terrified, the sound having awakened her.

Between phone calls to [redacted] and [redacted] on Saturday morning, I received an unsolicited call from a reporter, Dick Frazier of the Lansing State-Journal, who was trying to find out if my calls of the night before were legitimate, and who had another report which came in just after I had ceased operations Friday night. A Mrs. [redacted], Lansing, saw three objects as 9:00, 9:45, and 11:00 PM on the 20th, at least one of which showed shape (outline, not point source) and which was objserved through binoculars. Mrs. [redacted] husband also saw the objects and the couple called some neighbors who also were witnesses. One object was described as roughly circular with many little white lights on its underside. Mrs. [redacted] did not report until she heard of other reports, for fear she would be c alled crazy. [redacted] says she is willing to talk to scientists from Northwestern ([redacted] informed her of our investigations). Mrs. [redacted] address is described as being "near

Hughes", a street which appears on the list of complainants (not in chronological order) from Wednesday night, and which should be checked as possibly involving a different report from the "noise" reports.

Saturday afternoon the final call before making this report was received from Sgt Casto (not "castro") of the Michigan State Police, in reponse to my request for any additional information that might arise. He reported that a Mrs. [redacted], had just reported that she Lansing, heard on the night of the 20th a very strange "whirring" sound from her back yard, at 9:00 or 9:15 PM. She saw nothing, but found a burned area in her yard, about 10 feet by 4 or 5 feet in dimensions. Leaves lying on the ground were charred, but the grass underneath was not. She has saved samples of the leaves, and is willing to be interviewed. She, too, delayed her report for fear of ridicule, until other reports were publicized. Her husband saw what she saw, heard the noise.

This brief report actually represents only a small portion of the reports that were received and logged at the police departments in the area. All police agencies appear quite willing to cooperate, and individuals seem to show a healthy mixture of interest and skepticism. My impression is that a more detailed reading of the logs together with examination of records of emergency-car movements will eliminate the bulk of reports concerned with noises only, but that other events appear to have occurred which require more detailed investigation and probably will call for several diffent explanations.

There follows a list of agencies and some of the persons who made reports; this is a very abbreviated list, and is given only for the purpose of aiding identification of the proper log pages or proper individuals with whom to communicate.

MARION, INDIANA POLICE DEPARTMENT: 317 - NO 3-8131

Tom Dennis, Chief
Richard Harrigan, Asst. Chief. Refer: men who work North car, nights.

KOKOMO, INDIANA POLICE DEPARTMENT (SHERIFF's POLICE). 317-GL 2-2444

HARTFORD CITY POLICE DEPARTMENT 317 - 348-3730
Officer Robert Meredith saw orange light. Also others.

TIPTON POLICE DEPARTMENT, TIPTON, INDIANA

TIPTON COUNTY(SHERIFF'S)POLICE Sightings Sunday through Tuesday, May 17-19.

INDIANA STATE POLICE

LANSING, MICHIGAN POLICE DEPARTMENT : 517 - IV 5-7165

Sgt. Reif Snyder, desk. Gave following names: more available.

3 saw Thursday

[redacted] Lansing

[redacted], Lansing

[redacted] Holt (This one far from emergency run)

[redacted] (this one near Ball residence?)

[redacted], Lansing

[redacted], Lansing

[redacted] Lansing (Smitt?)

[redacted], Lansing

[redacted], Lansing

[redacted], Lansing (Emergency run was down Miller)

MASON, MICHIGAN: INGHAM COUNTY SHERIFF'S POLICE (originators of emergency run)
517 - OR 7-9661

[redacted]

Lansing: MICHIGAN STATE POLICE: 517 - ED 2-2521

Investigated call from farmer about saucer landing.

OFFICER Bassett at desk.

LANSING MICHIGAN: Mr. [redacted]

Saw blue light descend.

Lansing, MICHIGAN: Mr. [redacted]

Saw same blue light.

LANSING, michigan: [redacted] Rd., Lansing (Near Hughes st)

Informant: Dick Frazier, of Lansing State-Journal, reporter.

PRELIMINARY WEATHER REPORT: temperatures in area on Wed, May 20, and Thursday May 21 (night) in mid-thirties - high probability of inversion layer. UPI reporter (LANSING) volunteered information that he received 14 television channels Wed. night. Thurs. night.

B

DEARBORN OBSERVATORY
NORTHWESTERN UNIVERSITY
EVANSTON, ILLINOIS

22 June, 1964

Captain Hector Quintanilla
Foriegn Technology Division
Box 9496
Wright-Patterson Air Force Base
Dayton, Ohio

Dear Captain Quintanilla:

Enclosed is the report from my trip to Lansing. Dave Moody is handling all that is not covered herein. I have not written up another version of the investigation on the Indiana (Merion) sightings, because I understand that your office now has a complete coverage of the sightings. I am enclosing my original report on yellow sheets so that the names will be preserved, and to cover my one interview with the police officer who saw Venus.

I found this field trip very instructive; I was better armed for the trip two days later down to Indiana. The report on that trip will follow in a day or two - I took pictures which have just come back, and I still have to write out a key. Just briefly (and confidentially), I am convinced that this was a, let us say, prank. I deputized a Mrs. Brown, owner-reporter on the Dale, Indiana News to look into other similar reports and write me a brief note about anything else that may happen. She was delighted.

On a separate sheet I am enclosing a list of expenses and fees. Dr. Hynek mentioned something about $25 per day plus expenses; actually, that is rather little, as my regular salary is closer to $40 per day. On the expense sheet I have used the latter figure. Most of the early phone calls were made on Dr. Hynek's credit card, which is the reason the telephone item is so small; he will file a claim when he gets his bill.

I would like to add that working with Dave Moody was a pleasure.

Sincerely yours,

William T. Powers

William T. Powers

WTP:ckl
c cs.

Investigator's sketch
of [redacted]'s
object. Dome added at
witness' direction.

WTP

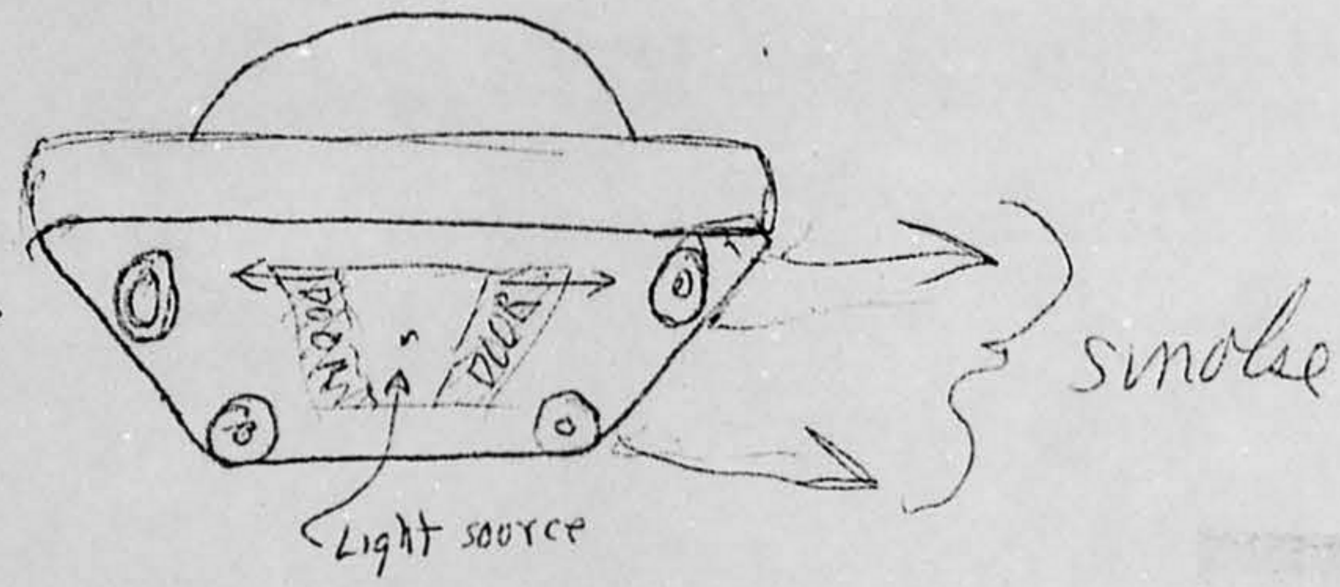
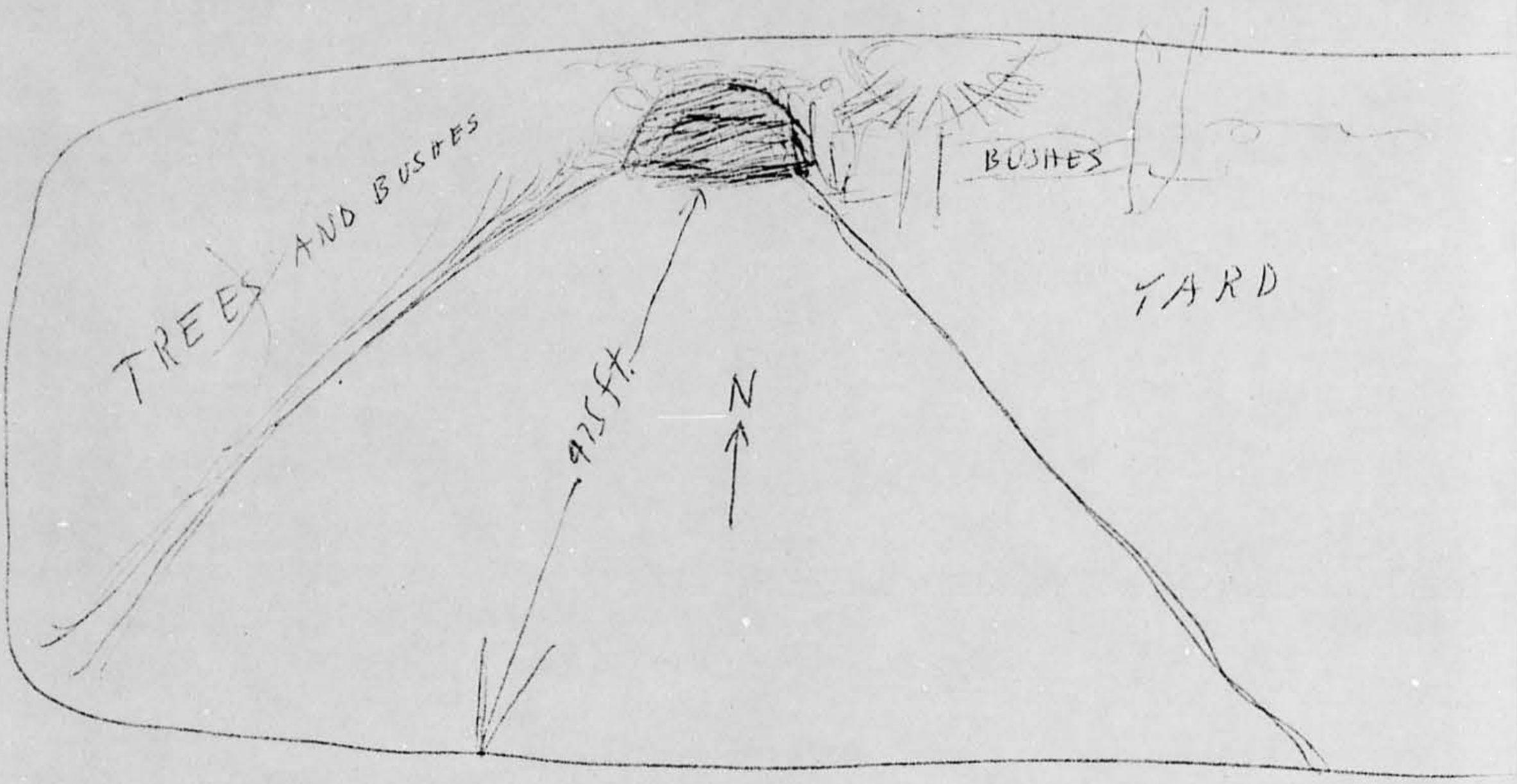


FIG A

FIG B

Drawn by
Mrs. [redacted]
saw at 3:10

sketches from
Bush & Nourse interviews



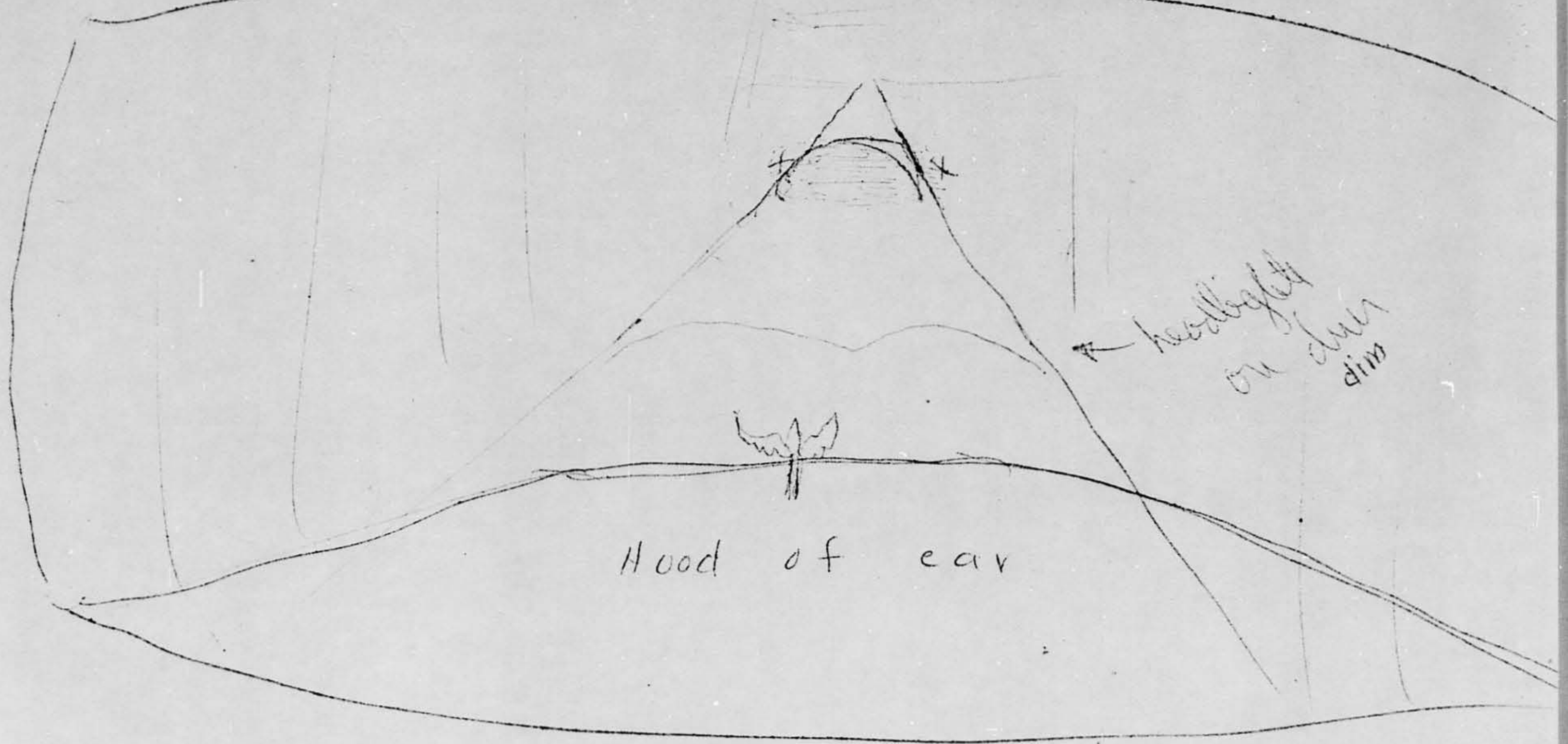
[redacted] - [redacted]

drawing made by WTP
at scene, based on
measurements + descxiptrow

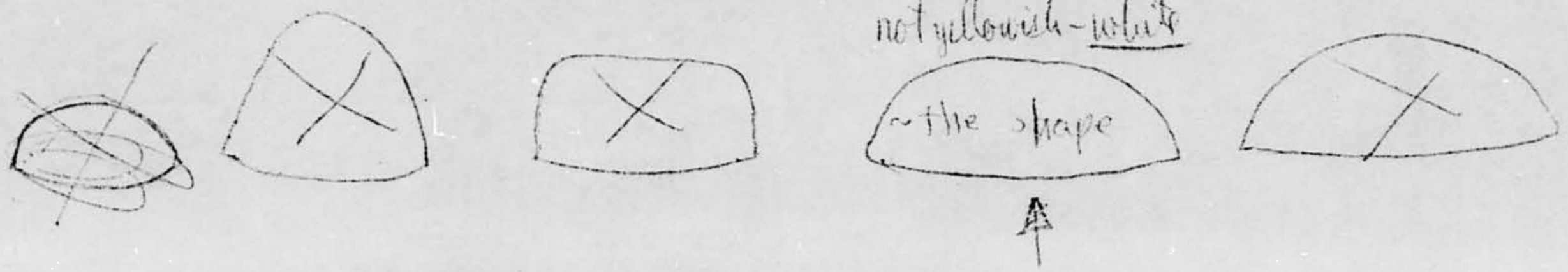
[redacted]

Drawn before visiting scene
by investigator (WTP): witnesses placed object on drawing

WIND SHIELD



not yellowish - white



(7) The Crystal Lake sighting of [redacted] (to be investigated by Sgt Moody)

(8) Mrs [redacted] of [redacted], Lansing Michigan (burned leaf samples). It was requested by this witness that her name not be used. (to be contacted by Sgt Moody)

(9) The Grand Ledge sighting by Mr and Mrs [redacted] (to be investigated by both Mr Powers and Sgt Moody)

(10) The [redacted] observation from the police report of the Michigan State Police. It was decided due to Mr [redacted] reputation as a publicity seeker that his sighting would be considered misinterpretation of conventional objects and/or his imagination and/or his attempts to perpetrate a hoax, and no contact withthis witness would be made.

(11) The sighting of Mr [redacted] on 6 May 64. Object evaluated as A/C sighting. [redacted] (Case to be written up by Sgt Moody)

(12) The sighting by [redacted] of 27 May 64 was believed to be an Astronomical Body (Case to be written up by Sgt Moody).

(13) The Grand Ledge observation of [redacted] and [redacted] on June 13, 1964. (To be investigated jointly by Sgt Moody and Bill Powers).

SIGHTING OF MISS [redacted]

From the Lansing State Journal Office, Sgt Moody and Bill Powers proceeded to the residence of Miss [redacted] of [redacted] Lansing, Michigan. A FTD Form 164 was completed by both investigators. Miss [redacted] was a young girl of 15. Her impressions of the object were vague, inconsistant and contained little information of a specific nature. The reported duration of 5 minutes when re-enacted and timed, indicated an observation of 25 seconds. However fantastic her story may have seemed, it was apparent that the little girl did observe an object with a bright light that made a high pitched noise. The light was described as reddish with a gold tint and apparently the object was low enough and/or bright enough to cast shadows from trees and other objects in the place of observation. Subsequent investigation indicates that this object was observed or heard by other witnesses in the area.

SIGHTING OF MRS [redacted]

Following the interogation of [redacted], Sgt Moody proceeded to the home of Mrs [redacted] of [redacted] Street, Lansing, Michigan. Arriving at 1900, physical specimens of the leaves were obtained. Basic information indicates that sometime between 9 and 9:15 on the night of Wednesday, 20 May 64, Mrs [redacted] heard a vibrating sound causing a roaring in her ears.

Grace Notes

THE DALE NEWS
DALE, INDIANA

Friday, June 19, 1964

Mr. Wm. F. Towers
Dearborn Observatory
Northwestern University
Evanston, Illinois

Dear Bill:

During the Fuqua present investigation, did anyone mention fireworks to you? I heard last night from their neighbors that firecrackers were set off at the Engelbrecht farm Sunday, presumably as a part of the entertainment (they had 64 guests--this is in the social news in The Dale News).

I don't know what kind of fireworks, but I have seen some rocket-types that could very well have been launched from that "pad" in the back yard; that would also explain the three holes.

State Trooper Frank G. Cook is interested in this --he's had some dealings with young Engelbrecht. Perhaps he can find out about the firecrackers. (Incidentally, I am Justice of the Peace of Carter Township--my oldest son said "Mother, why don't you sell Avon like other mothers do?"--and I've got a pipeline to the State Police post and the sheriff's department, which is very helpful as a source of instant news.)

In other developments, Police Chief Musgrave got a letter yesterday from Elkhart which may interest you.

Sincerely,

Grace Cowan

REPORT ON UFO ACTIVITY, MAY-JUNE, 1964

W. T. Powers, Systems Engineer
Dearborn Observatory, Northwestern University
Evanston, Illinois

(Summary on Page 19)

On June 13-14, 1964, this correspondent and T. Sgt. David Moody, USAF, visited Lansing, Michigan to investigate various reports of UFO activity and apparently related phenomena which were received by local and state police during the period starting on the night of 20 May 1964 and ending 13 June, the last night of the investigation.

1. The Siren. At 0300 EST, 21 May 1964, the Lansing police department began to receive a series of calls concerning a strange noise. Those who called in described the noise as "wierd" and "loud," and insisted that it was like nothing they had ever heard before. The names are listed in the police log - owing to the explanation which was found, and the existence of these names in the correspondence files, they are omitted (more than a dozen names are recorded, and police say that after this many had called, they stopped logging further calls, of which there were many).

The Ingham County Sheriff's Police department reports that at 0300 on the date of the reports, a police car made an emergency run along Miller Road (E-W) and then north to a Lansing hospital, with its blue flasher going and operating its new "warbler" siren. This new siren employs a very loud tone which rises and falls both in pitch and intensity at a rapid rate - two to three times per second. The resulting noise is quite sufficient to account for both the number of calls and the conviction on the part of the callers that something extraordinary was occurring. One woman, a Mrs. [redacted] reported a blue object "looping" or "travelling in loops" as it went by her house accompanied by the strange noise. It appears most likely that she was seeing the beam from the police-car's rotating flasher

as it swept around in circles over trees (and possibly played on a haze layer, as the temperature was in the low thirties following a hot day, a condition conductive to an inversion layer. A UPI reporter advised that he received 14 television channels that night).

The locations from which the calls came were all close to the route of the police car. In this investigator's opinion, all the calls at or around 0300 on 21 May may be attributed to the police-run.

2. [redacted] sighting. The witness in this case is a fifteen-year old girl residing at [redacted] in Lansing [redacted]). She is not skilled at description, being very vague about the concept of apparent angular size and being unable to draw even a simple sketch.

Her basic story is that as she was riding her bicycle home at about 2100 hours EST, 21 May, 1964, at the corner of Clifford and Prospect streets (about eight blocks from her home), she heard a loud roaring sound with a steady tone in it, and looked up to see a rectangular object, reddish gold in color, circling overhead. After a few seconds (described as "five minutes" at first) what appeared to be a pair of sliding doors in the bottom of the object slid back, revealing an intense light-source having a diameter as large as the bottom of the rectangular object in its short dimension. The light was a pale red, and lit up the tree tops and ground. All the surrounding streetlights (described as "4") went out at some time during this process. The light was bright enough to light up the tops of the trees around the intersection, and she thought the treetops were waving, although there was no wind. The light kept shining while the object circled, short edge forward, overhead, and then suddenly the object moved away with a puff of heavy smoke, which dissipated slowly and disappeared. The light remained on as the object left, and could be seen until it passed far enough away to be obscured by the trees. Just as the sound had become stronger before the object appeared, it faded away again as the object moved on.

The witness states that she was frightened and ran to the nearest house, but found that house dark; all the other houses nearby were reported as dark also. She states that she abandoned her bicycle and ran all the way home, a distance of at least half a mile (unless there is a shorter route than the one the investigators found), and then went back later to get the bicycle.

Since the witness could not estimate the size of the object (the first estimate indicated that it subtended an arc of over 100 degrees in the sky), the investigators concentrated on trying to draw out a description of its appearance. The results of this further questioning must be tempered by the probability that the girl was adding to her story at times, and may have been led to some conclusions.

During further questioning, the girl reinacted the sighting while the investigators timed her, roughly. According to this procedure, the noise took 5 seconds to appraoch, the object circled overhead several seconds, the light came on for about 6 seconds, and the departure occupied another 8 seconds until sight was lost, for a total of about twenty seconds. A second silent run clear through without description took 42 seconds. These times are probably a far more accurate estimate than the "five minutes" which the girl seemed to use to indicate any indefinite short time.

The shape of the object was determined roughly by showing the girl three rectangles, one square, one with a length-to-width ratio of about 3 to 2, and one with a ratio about 5 to 1. She picked the middle one, adding that the corners were "cut off." Three rectangles with the previously chosen shape were drawn, having about half of each side cut off, about a fourth, and about an eigth. She picked the least-cut-off picture. She indicated that it was not flat as shown, but she had no way to describe how it appeared. The investigator then drew the picture labelled "Figure A," adding some arbitrary thickness and showning an object in perspect with rounded corners (a guess that this was what she was trying to say). When this picture was shown, the witness, without warning, acted very

startled, said "that's it, but there was a thing, a dome, on top!" This apparently accounted for previous attempts to explain that she was looking up at its bottom, but could see something on top, too.

The investigators found the two streets described running at 90° to the directions described later during the interview, but in correspondence to the original directions stated early in the interview. According to the earlier version, the witness was standing on the south-west corner; the object would then have appeared from the south, and disappeared straight north. Four streetlights were seen, two on diagonally-opposite corners and two farther down the block along Clifford, one north and one south. The intersection was relatively free of trees, giving the effect of a clearing perhaps 100 feet in diameter. All the streets were otherwise lined with mature trees.

Evaluation is deferred to the end of this report.

3. [redacted] sighting. The witnesses are students at Michigan State University, where the sighting occurred, but had returned home by the time of this investigation, where they were contacted by telephone. [redacted] lives during the summer at [redacted] Street, Flint 3, Michigan, and [redacted] lives in the summer at [redacted] Street, Grand Haven, Michigan. During the school year, they reside in [redacted] Michigan State University.

[redacted] and [redacted] were returning to their residence after a speech on campus by Governer Romney, which ended at 2000 hours, 21 May 1964. The time is uncertain, but may be somewhat previous to the [redacted] sighting above, by perhaps fifteen minutes; it may have been somewhat afterward; 2030 is selected as a median time.

[redacted] and [redacted] were riding a bicycle (tandem) due east across the campus when [redacted] noticed an object just above the trees straight ahead, at an elevation of about 25°. He said, "hey, look," and [redacted] saw it, too. The object was apparently stationary, had an elliptical shape, and was approximately the size of

the full moon. It was bluish or metallic colored, and was surrounded by a blue haze, mixed with white.

According to [redacted], the object remained stationary, tilted toward the South, all this time, and then emitted a brilliant white flash, like a magnesium flare or bomb. Immediately after the flash, the object was gone, and Davis looked about for it but did not see it.

According to [redacted] who looked later and just caught a brief glimpse prior to the white flash, the light did flash a brilliant magnesium white, but then the object travelled at high speed from due east toward the south, finally disappearing behind trees in the west-southwest. The whole movement took about 2.5 seconds.

The object showed no features, but had a definite (elliptical) shape. It was silent.

This sighting was very brief, lasting a total of no more than 3-4 seconds. Little can be learned from it, but [redacted] description tallies with an airborne photo mission, the disc being a "moonlit rotor disc." This is a weak explanation, however, unless the haze can be accounted for. If [redacted] version is taken (and [redacted] may simply have failed to acquire the moving object after the initial flash), then no explanation in conventional terms can be offered. There is no basis for a choice between the reports.

The sky was reported as cloudless and perfectly clear; in addition, the campus was dark.

4[redacted]. [redacted]t ([redacted]), announcer at television station WILX, Jackson, Michigan, and [redacted]r ([redacted]), proprietor of [redacted], Lansing, were both driving home at 0010 to 0015, Friday, 22 May. Each saw a brilliant blue light to the northeast, travelling straight down at constant speed and brightness. Each said that the object landed 3-4 miles away,

and each thought of an airplane in distress. Both immediately began driving toward the place where the object had seemed to come down. The object was essentially a point-source, left no trail, and was in sight about ten seconds maximum.

[redacted] described the object as having landed in Scott's Woods., and [redacted] described it as having landed to the northeast. At the time the two men were about three miles apart on a line bearing about 100°. When their lines of sight are drawn on a map of Lansing, they are parallel within the limits of estimate, and cannot be made to converge closer than about ten miles away, without making either of the observers change his description of the direction substantially.

It is concluded that this sighting was of a fireball of unusual color, with a slight possibility that a blue light was seen descending to the ground, but at a much greater distance than either witness estimated. The fact that the object remained bright until it reached the horizon indicates the possibility that it was seen along a path bearing approximately 030° from Lansing.

The fact that the brightness remained constant may be taken as evidence that the object was remaining at approximately a constant distance (and hence, actually travelling straight down) or that the object was moving rapidly away and becoming brighter fast enough to overcome increasing atmospheric absorption and inverse-square law dimming. Since the object was described as "brilliant" from the very start, "the brightest thing I've ever seen," it must have become quite spectacular to observers along its path as its brightness increased enough to give the impression of constancy to the two original observers - the chances, therefore, of its having been observed farther northwest, assuming it was a fireball, should be excellent. Lack of such observations may be given some weight as evidence against the meteor hypothesis, if none are reported.

5. [redacted] sighting. Early Friday morning, 22 May 1964, at about 0250 to 0300, Mr. and Mrs. [redacted], Rte. 1, Eagle, Michigan (7 miles north of Grand Ledge,

Michigan, on Cutler Road) were awakened by a roaring noise approaching their house. Both were in bed in the northwest second-floor bedroom of their home. Mr. [redacted] went to the windown and looked out across a field to the west of the house, and saw an object fly by at approximately a 10-degree elevation angle, perhaps as low as 5 degrees. By several experimental approaches, the apparent size of the long axis of the object was estimated at about three times that of the full moon, with the size of the full moon being exaggerated to about 6 inches at arm's length, as usual. Mrs. [redacted] did not see the object on this pass (another was to occur) but she heard the noise it made. This noise nearly defied description; it was described as a sort of roar, but not like a jet. Mr. [redacted] finally suggested the noise of a Deisel, which this investigator belatedly understood meant the noise made by the tires of a Deisel truck when one is following close behind it at high speed, rather than the sound of a Deisel engine. The general impression, which was never perfectly clear, was of a loud background of noise with the steady whine superimposed. The noise was described as very loud.

Mr. [redacted] pointed out a telephone pole some 300 feet out in the west field, perhaps fifty feet more than that from the bedroom window, and said that the object apparently passed by at about that distance. He estimated its speed at seventy miles per hour. From the bedroom window, the object could have been seen only through an arc of about thirty degrees at most, owing to trees growing close to the house, one on each side of the window, but not directly in front of it. At the distance estimated, and at a speed of 103 feet per second, the time of visibility would be approximately 1.8 seconds, unmistakeably shorter than the six seconds obtained from a re-enactment. If the six seconds is taken as the proper time interval, then the object was travelling past at an angular rate of 5 degrees per second. At the distance of the telephone pole, this would correspond approximately to a linear velocity of about 20 miles per hour. At the distance of the far boundary of the field, estimated as 600 feet away, the speed would have been

about 35-40 miles per hour. The actual angle of visibility may be as much at 50 degrees if account is taken of partial visibility through the trees, raising the velocity estimates respectively to 40 and 65-70 miles per hour. The trajectory was described as apparently normal to the line of sight; if the angle were not normal to the line of sight, the speeds would be raised more.

After the object had disappeared behind trees toward the south or south-east, the Hourses remained awake; in about ten minutes, they heard the same roaring sound again, and this time both were at the bedroom window when the object made its second pass. The direction was the same (north to south approximately), but the object was "much farther" away and appeared half as large or less. This time it passed behind the trees at the west end of the field, at an elevation of no more than 3 to 5 degrees. It was still audible, and its shape could still be seen clearly, although it was smaller in apparent size.

Mr. [redacted] saw the object clearly on the first pass; both of them saw it clearly on the second pass. They agreed in describing it as round (elliptical) with six lights around its edge, one of which was (according to Mrs. [redacted] only) white, the remainder being a steady bright red. These lights were described by Mrs. [redacted] as going on and off like Christmas-tree lights, and as steady by Mr. [redacted]. Mrs. [redacted] saw only the lights during the second lower and more distant pass, while Mr. [redacted] saw them both times, once at much closer range.

Both witnesses described the body of the object as glowing with a single uniform glow; Mrs. [redacted] recalled distinctly that the color was a pale red, and found a red pencil with which to sketch it; she has considerable artistic sense as the decor of their house showed. Her sketch is shown as Fig. B.

On both passes, the object showed an elliptical apparent shape, as if the object were tipped somewhat toward or away from the observers.

Witnesses stated that the object definitely was not a helicopter, as an Air National Guard unit is stationed just a few miles down the road and flies

helicopters both day and night in the area; both witnesses are quite familiar with the appearance and sound of helicopters under day and night conditions, and cannot reasonably be thought to have made the suggested mistake.

Helicopters were flown in that area on the same night, but ceased operations several hours before the sighting.

An estimate of the minimum size of the object can be obtained from knowledge of the resolving power of the dark-adapted eye, and an assumption that the object was just beyond the trees on its second pass and had six equally-spaced lights. According to the sketches obtained(from Mrs. [redacted] - Mr. [redacted] drew a plan view rather than a realistic perspective drawing) the minimum distance between the lights corresponds to about 2/3 of the radius of the presumed circular object. The dark-adapted normal eye can resolve two point sources about 3 minutes of arc apart comfortablym corresponding roughly to 0.001 radian. If the object was seen just beyond the trees 600 feet to the west, and if the red lights were just separated, then the diameter of the object would have been only 1.8 feet - that is, the report of the witness' seeing the six lights would be credible even if the object were as small as 1.8 feet in diameter and 600 feet away. Clearly, it was not that small, for the lights were not just "resolved" but were seen as definitely separated by (judging from the picture) some 3 to 4 times their own apparent diameter, if not more (the drawing may be intended to show the shape as well as placement of the lights). The object may, indeed, have been 20 feet in diameter, or even more; it does not appear likely that it was smaller than 8 feet in diameter.

An attempt was made to determine the apparent size of the object on its second pass, when both witnesses saw it for a period "much longer" than the five or six seconds of the first pass. The drawing of Fig. 3 was made, and the witnesses requested to signal when it reached the right apparent size as the picture was moved away. The distances were 10 feet (Mr. [redacted]) and 18 feet (Mrs. [redacted]); the corresponding long axis at the minimum possible distance of 600 feet is respectively

The sound occurred after she had heard a siren going down the street. The sound lasted less than 5 minutes. She had the impression that it disappeared by going up rather than away. The sound gradually faded out. Her husband was asleep and did not hear the noise. When he awoke at 2030 pm, she informed him of this event. She seemed certain that the sound came from up in the air and described it as like a top wound up. She also "felt" like someone was watching her. She could feel the sound more than hear it. Information regarding the sample of leaves revealed that at 1715 on the following day as she took out rubbish to the incinerator she noticed charred leaves in the garage doorway. A roof extends above this location. An alley permitting only one car passes this door. No foliage surrounding the area was charred. No ashes or any indications of a fire or burned area were near the charred leaves. Trees and foliage completely cover the area. It is therefore assumed that the charred leaves were dropped or carried to this spot by wind from a source not near the garage. It is possible that the noise heard by Mrs [redacted] is the noise heard by [redacted] and other witnesses in the area during this period. The leaf sample contains no radioactive or unusual substance.

SIGHTING OF [redacted] AND [redacted]

From the [redacted] residence Sgt Moody proceeded to contact Mr [redacted] at his restaurant, the [redacted], and rejoined Mr William Powers. It was determined that Mr [redacted] and his wife had observed a meteor. The duration of two seconds and a description that the object looked like an aircraft in flames crashing are in accord with this analysis. Mr [redacted] had also observed the object at the same time. A check of a local map and the direction that both reported the object indicates that their line of sight was parallel to the NE, indicating that the meteor was a considerable distance away.

[redacted]

LANSING, MICH.

MY GUESTS WERE

Enjoyed an excellent supper and returned to the Motel intending to meet Bill Powers at the State Police Station in East Lansing on 14 June at 0730.

27 feet and 15 feet, for a mean of 21 feet. The accuracy of this technique is questionalbe, but the dimensions may be kept in mind against future estimates of similar sightings, should any become available.

The principle characteristics of this object are its color (pale red), its shape (elliptical/circular), the lights (red) seen around its edge, and the loud roaring-whining noise it made. Further evaluation is posponed to later in this report.

6. [redacted]. At 2106 hours on 23 May 1964, a Corporal Thornton at the Michigan State Police Headquarters, East Lansing, Michigan, received a call from a woman who said an object (a light) was hovering over her house, "acting crazy," dashing back and forth and looping about. Since the Corporal recognized her given location as being near the police station, he went out the rear entrance and looked to the south, but saw nothing. He did not log the name of the lady, nor does he remember it. After terminating the call, he went back outside, and while looking due south, saw an extremely brilliant white object pass at an elevation of about 20° in a horizontal path from east to west. The object was apparently longer in the north-south dimension than in the east-west direction; its shortest dimension was in the direction of travel. Thornton estimates the length to width ratio as perhaps three or four to one. The longest dimension was given as approximately 3/4 inch at arm's length (the moon, however, was stated to be "6 inches" in diameter at arm's length when full, although it was not noticed that night).

The total time of travel was about three seconds. The brightness of the object is remembered as steady, brighter than Venus, and before the object reached the horizon to the south-west, it winked out suddenly, as if someone had turned the lights off. The start of the trajectory is not known, as [redacted] caught sight of the object to the south while it was approximately at its maximum elevation. There was no sound.

[redacted] returned inside and got another trooper, who came out but saw nothing

further.

At 2136 hours, a call was received from a [redacted], [redacted] Village, Michigan State University, East Lansing (about three blocks from the State Police headquarters), reporting a sighting of what appears to be the same object that Thornton saw.

[redacted] was emphatic about the fact that he had never seen such a strange object in all his life. He was reluctant to talk about it, expressing some regret that he had ever "opened his mouth" about it. Investigator had a slight impression that [redacted] was perhaps not mentioning all the reasons he had for thinking that the object was so strange - his apparent agitation seemed out of proportion to the sighting of a bright meteor, but may, of course, have been due only to the fact that his report was being investigated.

[redacted] and his wife were interviewed. These witnesses had been riding in an open convertible about three miles south-west of [redacted]s location, at about the same time (shortly after 2100), and were on an interchange of Interstate 96 at the Cedar Street entrance, headed south. Mr. [redacted], a pre-medical student, just finishing his senior year, saw the object for the longest time; his wife, alerted by his exclamation, just caught a glimpse of it before it winked out.

[redacted] said that the object was coming from his left and was due south when he first noticed it. Its elevation was between 20 and 30 degrees. It was judged later to be as bright as Venus, perhaps brighter (Venus was approximately at magnitude -4) and of nearly the same color, a clear white. The object moved to the west through an arc of about thirty degrees, taking about three seconds. At the end of this time, the light suddenly cut off, while the object was still travelling through clear sky well above the horizon and clear of trees. Witness described it as if someone had turned a light off, or even more as if the light had rotated behind something.

If a minimum velocity for a meteor is taken as about 25,000 feet per second,

then for the object to travel thirty degrees in three seconds, or ten degrees per second, it would have to have been about 26 miles away; even with an elevation of thirty degrees (an upper limit) it would thus have been only about 13 or 14 miles high. In order for the meteor, if it was such, to have been at a more proper height, the line of sight distance would have to be at least four to six times the distance just calculated, and the velocity would have to have been very high, perhaps 20 to 30 miles per second.

The sudden cessation of light, with no trail left behind, no shattering into smaller pieces, and no fading of the glow, suggests either an extremely high velocity meteor of small size which was completely consumed before it could lose velocity significantly, or the more interesting possibility of a meteor of larger size and very high velocity which "skipped" in and out of the atmosphere.

Unfortunately, both [redacted] and [redacted] caught sight of the object when it was due south, so no correlation of starting point is possible, and [redacted] could not remember very closely how far the object went before it winked out, except to say that the trajectory ended "in the southwest." He reported the same duration of 2 to 3 seconds. Within the limits of the estimates, with [redacted]'s being the better one, the lines of slight were parallel when the light went off indicating a large distance. The same limits of error, however, would permit the light to be as close as 6 miles, travelling, however, at a speed of one mile per second. At such a speed, low in the atmosphere, any material object would be visible at night by virtue of its high skin temperature, and the light could not cease abruptly.

The [redacted] initially reported that the object returned from the West soon after they pulled off the road to look around. They determined on their own, however, by returning to the same scene the next night, that the object that "returned" was the planet Venus (it was in an entirely different part of the sky), and so

reported during the personal interview. The similarity in brightness and color had misled them.

Final note: if the cutoff point had been on a line of sight passing through both observers, then no horizontal triangulation is meaningful. Elevation angles estimates are too uncertain to permit estimates.

With fair probability, the object may be taken to have been a fast, bright meteor, a fireball, far to the south and many miles high. If so, it could have been seen in northern central Indiana, and would have been brightest somewhere over the Indiana-Michigan border.

The object seen by [redacted] and [redacted] could not have been the same as the one reported by the anonymous caller to have been "over her house," because the lady's house was somewhere between [redacted] and the [redacted]. Unfortunately, no further information is available on this latter object.

7, [redacted] On 25 May, a [redacted], [redacted] Street, Bay City, Michigan, called this investigator to report that he had seen a light at 0030 moving almost directly overhead, from west to east, taking approximately five minutes to move from straight overhead to its fade-out point in the east. It made no noise, was half the brightness of Jupiter, and every now and then wavered in direction. This is clearly Echo I, the wavering being a practically universal optical illusion. Ayotte emphasized to everyone that he had a small telescope; on questioning, it turned out that he did not actually try to see the object through the telescope.

Ayotte is a student at MSU; Bay City is about 100 miles northeast of Lansing.

8. [redacted] sighting. At 0300, 25 May 1964, [redacted], Fire Chief of the Delta County Fire Department (located on Saginaw Highway halfway between Lansing and Grand Ledge) was awakened by a loud roaring noise, which sounded very close and did not seem to be moving away. [redacted] looked out his bedroom window, and saw the front yeard and firehouse driveway lit up as "bright as day." The Chief

jumped into his pants (just a few seconds required, he explained, owing to his profession), and went down to the fire engine garage and out the door. He had thought that the light came from a ground vehicle, but no source could be seen. Then he looked up, and saw a blinding white light-source, large in diameter like a searchlight, definitely not a point source or a small headlight-sized object. The light from this object was illuminating a circle on the ground extending across the highway into the fields, with a radius estimated by the chief (and checked by illuminated landmarks) of 500 feet. The [redacted], being elderly, explained that he could see nothing further after he looked up and saw the light, because he is susceptible to night-blindness; the light turned off almost immediately after he saw it, and he could see nothing for a considerable time afterwards.

All during the experience, the noise kept up a steady roar, and after the light went out, the sound seemd to move straight up and then off to the east, toward Lansing, just about directly down the highway. The Chief had difficulty describing the noise - he kept saying that it had been extremely loud, and that he had never heard anything like it before; it definitely could not have been an aircraft sound, jet or helicopter. The light was on for three or four minutes (time judgement checked out) altogether, and was described as being so bright that it made the [redacted] stagger back. He did not feel any heat.

Practically every word for a loud noise was tried out, and was still not quite right. Finally the investigator, who had just previously come across a similar case (see [redacted] sightings) made a noise at about D above Middle C, a steady and loud falsetto note with a "burr" in it, which represented his best judgement of what the others had heard: the [redacted] looked astonished and said, "You wouldn't believe it, how close that is to what I heard!" He remarked several times how suprised he was that the exact sound should have been reproduced so closely.

The [redacted] then mentioned several other people in the area who had had similar experiences; the other investigator will report on those sightings.

Further evaluation is deferred to the end of this report.

9. [redacted] sighting. At about 0300, 1 June, 1964, Miss [redacted], age 14, was at a cottage at Crystal Lake, 60 miles northwest of Lansing, with her mother and 10-year old sister. Lota was studying history in the cottage living room when she heard a loud roaring sound. She looked out the front window which overlooks the lake to the North, and saw a bright flash of light near an island some 200 yards out. The noise immediately ceased, and, after a moment, [redacted] went back to studying. About ten minutes later, she again heard the sound, this time from the south, apparently. The noise gradually became louder and louder, wakening the younger sister. The younger sister became very frightened, and tried to arouse Mrs. [redacted] who is a very sound sleeper. Being unsuccessful, the younger girl climbed into bed with her mother and took no further part in the observations.

[redacted] saw the front (north) yard of the cottage light up brightly, as well as the yards bordering it on each side. The noise was now extremely loud, and when [redacted] opened the window to look out, it became so loud that she had to cover her ears. While she was at the window, an "enormous" circular object sailed into view over her head, going north toward the lake. Its lower side was so bright that after five to ten seconds, [redacted] eyes began to water. The object went smoothly out across the lake, the light from its underside illuminating the water and then the island as the light passed over it. It was difficult to make out any details about the shape of the object because its circular bottom side was so brilliant but [redacted] says she got an impression of some kind of projection on top, possibly dome-shaped, and of another projection on the bottom around the light, possibly rectangular. The object seemed to be no more than four cottage-heights above the ground, and passed low over the island at about the same altitude. It "did not shimmer or turn" as it went, but seemd to keep the same face forward. The noise never cut off, but only faded out.

[redacted] was initially questioned by her father, who said that he fully impressed her with the seriousness of making a false report. Mr. [redacted] said that he

had spent several years in the Air Force, and knew about project Blue Book.

The morning after the sighting (actually the same day) Mr. [redacted] had [redacted] pick out on the family Hammond Organ the high note she said the object made. The note picked was D above Middle C, which was the note later used by this investigator during the [redacted] interview (his sighting had been a week before). There was a roaring noise, but the predominant, and painfully loud sound was this one note.

Mr. [redacted] said that he had tried to estimate the size of the object from [redacted] description of it and his knowledge of the distance of the island, and came out with a diameter of roughly forty feet. From the time the noise began, the second time until the time that the light disappeared behind trees low in the Northw as estimated at about twenty seconds. The noise definitely could be heard getting louder and louder for several seconds - perhaps five - before the light appeared in the front yard. The velocity was described as "not fast."

Immediately after the sighting, [redacted] found herself completely alone, and was extremely frightened. She went outside, since she could not awaken her mother, to see if any other lights were on or if anyone else had come out to see what was happening, but found no one; all the cottages were dark. In fact, nearly everyone else had already returned home after the weekend, and most of the cottages were deserted.

This interview was conducted entirely by telephone; unfortunately when the investigators went to Lansing, the [redacted] could not be reached by telephone, and they were probably gone for the weekend.

Mr. [redacted] volunteered to return to the cottage and inspect the island; he also said he would contact a local supermarket owner who knows many residents of the area, to see if he had heard of any other people who might have seen or heard the phenomenon.

It is unfortunate that Miss [redacted] could not arouse the only nearby adult to corroborate her story; later investigations, already cited, however, now add

considerable credence to her report. Further evaluation is delayed to the end of this report.

10. [redacted] On 13 June, 1964, at about 2215 hours, [redacted], Grand Ledge, Michigan, and [redacted], of [redacted], Grand Ledge, both fifteen or sixteen years old, were at a party on Broadbent Road about one half mile off Saginaw Highway, between Grand Ledge and Lansing. They were leaving the party, and Miss [redacted] was driving, with Miss [redacted] beside her in the front seat. The car had just pulled out of the driveway and was about to head north toward Saginaw when both girls thought they saw approaching headlights. The light came closer, and it was apparent that it was not a car, but a large glowing shape which filled the road from side to side. Miss [redacted] stopped the car, when she saw that the object had stopped. It appeared to glow with a very white light for a few seconds, dimmed considerably, but smoothly, and then rose again to maximum brightness for several seconds. It then disappeared, without moving. While it was shining, it seemed as if there were light inside it, that couldn't get out, according to the girls. They could not see the road through it, or cars passing by on Saginaw Road through the small opening that was visible about half a mile away. Right after the object disappeared, cars could be seen passing, as well as a neon sign on a distant bowling alley.

Investigators visited the scene with the girls and Miss [redacted] parents. The girls showed where several of the boys from the party had looked for traces and thought they had seen marks in the grass and on the ground. The girls, who were very frightened, had not looked themselves, and it was dark at the time, so the boys had not been sure whether they found anything or not.

The location of the glowing object was found to be about 475 feet from the place where the car was stopped; the headlights on low beam (as they had been) shone on the road about 100 feet in front of the car. The estimated original position of the object when first seen was about 150 feet farther north on Broadbent,

toward Saginaw highway, or 625 feet away plus the 90 feet the car moved before stopping.

Investigators found no traces of anything unusual on the road over a distance of about 0.2 mile. There were some faint hoofprints from horses, and some marks where a car's tire had spun and kicked up some loose dirt (the road was graded but not paved). This tire-mark may have been what the boys saw, or may have been made by their own car as they returned south down the road.

The other investigator, Sgt. Moody, is pursuing the matter further, since just beyond the dense bushes lining both sides of the road, on the south side, standing water was noticed, near the spot where the object was supposed to have been, on the east side of the road. It was thought that some fog might have blown across the road and might have been illuminated by reflection from the headlights. The shape of the object, drawn before the field trip to the location, corresponds very closely to the opening that can be seen between and under the bushes and trees that partially overhang the road. Anything beyond and larger than this space, such as a drifting cloud of fog, would, of course, take on the shape of the opening, flat on the bottom and a slightly flattened dome on top. If possible, Sgt. Moody hopes to experiment with headlight reflections on any fog that might appear, or at least determine if fog does arise shortly after dark.

The girls possibly saw a patch of fog drifting across the road; if that is not the case, no other interpretation other than the description itself can be offered.

The girls gave every indication of believeing their story to be true, and their parents verified that they had appeared very frightened that night.

Condensed summary of sightings in chronological order:

1. The Siren. Reports of strange noises, looping blue light. Almost certainly result of emergency police car run at same time, 0300, 21 May 1964, Lansing.

2. [redacted]. 2030 EST, 21 May 1964. Elliptical object, bluish, surrounded by lighter blue haze. Emitted flash of white light, may then have flown off to south. Possible helicopter photo mission with strobe light; possible correlation with next sighting. East Lansing.

3. [redacted] 2100 EST, 21 May 1964. Object circled overhead with extremely loud roaring sound containing loud single note; turned on light after a few seconds which was extremely bright. Emitted puff of smoke, flew off fast out of sight. Rectangular shape, reddish color and light. Lansing.

4. [redacted]r. 0010-0015 EST, 22 May 1964. Observers, three miles apart, saw brilliant blue light, constant intensity, moving straight down, apparently landed a few miles away. Both saw to northeast. Possible meteor, with exception of constant intensity maintained over entire flight path. Lansing - East Lansing.

5. [redacted] 0300 EST, 22 May 1964. Elliptical object flew by at low altitude and relatively slow speed twice. Had red lights spaced around edge, may have had one white light, may have had reddish tint on body. Made very loud roaring noise, somewhat like diesel truck tires at high speed. Did not have bright light. Not helicopter, owing to witness' familiarity with these craft. 7 miles north of Grand Ledge, 14 miles northwest of Lansing.

6. [redacted]. 2106 EST, 23 May 1964. State Policeman and MSU college student saw brilliant white light moving east west for 2-3 seconds, then suddenly winking out. Total angular motion, about 30 degrees. Possibly a distant meteor, but extremely high speed required. Trooper described elliptical shape, short dimension along line of travel. Brightness like Venus. East Lansing-Lansing.

7. [redacted] 0030 EST, 25 May 1964. Witness saw light moving from near zenith to horizon, west-east in about 5 minutes. Evaluation : Echo I. Bay City, Michigan.

8. [redacted] 0300, EST, 25 May, 1964. Loud rushing noise, high-pitched tone at about 600 cps, was heard, followed by bright illumination of 500-foot radius circle in front of Delta County firehouse. Witness went outside, saw blinding white, large-diameter light-source high in air. Witness lost night vision; light went out after total of 3-4 minutes, noise moved up then east and faded away. Reports of corroborative witnesses still under investigation. Between Lansing and Grand Ledge.

9. [redacted] 0300 EST, 1 June 1964. 14-year old girl heard noise, saw bright flash on island in lake near cottage where she was staying. 10 minutes later, heard noise again; loud roar with predominant note at about 600 cps; became painfully loud and front yard brightly illuminated. Disc-shaped object then appeared from behind and overhead, went north over lake, illuminating first water, then island. Noise and light continued until object went out of sight below treeline. Clearly seen but hard to get details because of brightness of light. Crystal Lake, 60 miles northwest of Lansing.

10. [redacted] 2215 EST, 13 June 1964. Two teenage girls leaving party via dirt country road lined with undergrowth saw white dome-shaped object approach down road, stop. Object was bright, dim, bright, and gone. Not transparent

On 14 Jun at 0730 am Sgt Moody met with Bill Powers at the Michigan State Police Headquarters in East Lansing, Michigan. We talked with Corporal Thornton of Michigan State Police regarding his observation of a meteor (report of sighting to be covered in Bill Powers report).

We then proceeded to Grand, Ledge, Michigan. Prior to an appointment with Mr and Mrs [redacted] we stopped for breakfast in Grand Ledge arranging our agenda to include:

1. Interview with Mr and Mrs [redacted]

2. Interview with [redacted] and [redacted]

Enroute to the [redacted] residence, which is almost 6 miles from Grand Ledge on a farm, we contacted the Army Michigan National Guard, 46th Aviation Batallion at Grand Ledge. This organization has three types of helocopters, some with the bubble canopy. They also have Piper Cubs and a High-Wing Monoplane. They do not fly night photo missions and do not have infra-red radar equipment. Operations are conducted almost every Saturday and Sunday (VFR) and all residents in the area should be familiar with these craft. Information from officers of this organization indicated that the University of Michigan at Ann Arbor was conducting night photo missions. Also, the Abrams photo service at Capitol City Airport might have information regarding other photo missions in the area.

SIGHTING OF MR AND MRS [redacted]

At 0300 am on Friday morning, 22 May 64, Mr and Mrs [redacted] reported that an unusual object was observed from their upstairs bedroom window. Mrs [redacted] attention was first attracted to the object by a roar. She woke her husband and they observed a circular object of soft redish gold color with four red lights flashing on and off and one stationary white light on its perimeter. This observation lasted less than one minute. The object moved across a field about 300 - 400 feet from their point of observation. Stars were out and no moon. No wings or other features were noted on the object.

About ten minutes later the object reappeared crossing the same field. This time the object was tipped at an angle slightly higher in the rear. Flight was from right to left (toward Lansing), and away from the observers. Again, the duration was short, less than one minute. The size was estimated at 30 to 50 feet. Time of the first sighting was about 0250 am, second observation was at 0305 am. The sound during the second observation was described as sharp and pitched whine, compared to the roar of tires on a deisel truck on a highway.

or translucent. Filled opening in growth around and over road, so may have been patches of fog from swamp water just off road near position of "object." Investigation to be completed by Sgt. Moody.'

COMMENTS: Sightings 1,4,7,and 10 appear to be reasonably well accounted for, or else offer little hope of a final clear answer.

Sightings 3,5,8,and 9 appear to be of the same phenomenon, with a small possibility that sightings 2 and 6 are connected (although these latter two are probably meteors).

The [redacted], and [redacted] sightings establish almost certainly that over a two-week period, an aircraft or other vehicle operated over Lansing and vacinity; this object was capable of at least slow flight, had no visible means of propulsion (this is true, of course, of an ordinary jet), made a noise described as strange and very loud, predominantly a high-pitched note at about 600 cps or perhaps lower at times, and carried an extremely bright, large-diameter light-source which could be turned on,left on for extended periods, and turned off. The object did have the flight characteristics of a heliocopter, but the noise it made could only be approximated in imagination by a ram-jet powered helicopter. The light was extremely powerful when seen "on," and was not either a flare or a strobe light, or a small-diameter spotlight. One hypothesis that might account for the very loud noise is that the powerful light-source requires a high speed turbine-driven generator which is very noisy. At the time of this report, there is reason to expect that the object must be of highly unusual nature. The fact that it has been seen only at night, and usually very late at night, indicates (1) that it is involved with night photography of some sort, or (b) that its presence is not meant to be too easily observable.

There is no evidence to indicate the origin or true nature of the vehicle, or object, but its existence appears incontrovertible.

C

UD-74 (1/64)

Michigan State Police

CASE SUPERVISION SHEET

Complaint No. 11-1591-64
File Class No. 51
Date of Original Complaint 5-27-64

Nature of Complaint UFO

DATE	OFFICER	ACTION
5-27-64	L. Swagis	MRS [redacted], [redacted]. (M-99) Eaton Rapids (one mile North of E. Rapids) TX 8535. Called at 9:34 PM reported that for the past 45 minutes she had watched a flashing or rotating red light directly west of her home. It seemed to move from one star north, then back toward this one star. It would be stationary for a couple of seconds, move either up or down then north and back toward that one star. Was far away and high. No sound.
6-5-64	Olmstead	A man by name of [redacted], [redacted] TU 2-1301 reports seeing an object appeared about size of large star only much brighter and traveling extremely fast. Appeared to be a couple of miles East of his home and traveling in NW direction. Visi about 1 minute aprox. 9:42PM. Disappeared as though some one turned lights off. Sky clear, no clouds. Searchlights in the area but this was much higher. Traveled much faster than any airplane.
6-13-64	10:40P	Ba... E F Gra... L= Lit... Ta... S-ta... L... a... e Ca... OA... T Lar... - R... T Top —

of 201 OAKWOOD
6272948, AND
720 W Scott,
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T 10:15P DATE
JUST off SAGINAW
FLASHING LIGHT ON
(Rec)

LANSING, MICH. ECHO 1 1ST

AT 10.29 PM JUNE.01 SOUTH OF CITY, 5 DEGREES ABOVE HORIZON MOVING SE
AT 09.10 PM JUNE.02 SOUTH OF CITY, 3 DEGREES ABOVE HORIZON MOVING SE
AT 10.08 PM JUNE.03 SOUTH OF CITY, 10 DEGREES ABOVE HORIZON MOVING SE
AT 09.55 PM JUNE.04 SOUTH OF CITY, 10 DEGREES ABOVE HORIZON MOVING SE
AT 09.47 PM JUNE.05 SOUTH OF CITY, 8 DEGREES ABOVE HORIZON MOVING SE
AT 09.34 PM JUNE.06 SOUTH OF CITY, 20 DEGREES ABOVE HORIZON MOVING SE
AT 09.26 PM JUNE.07 SOUTH OF CITY, 25 DEGREES ABOVE HORIZON MOVING SE

Unidentified Flying Object. Case # 2013

SUBJECTS INVOLVED (MX 555-923)

[redacted], [redacted] M.S.U. ,East Lansing

[redacted], [redacted], M.S.U. East Lansing

OBSERVATIONS

While riding bicycles east on Mich. Ave., in East Lans., they spotted a blue silver disk, flying at a 45 degree angle. The disk was described as very large, facing south. After a very short time they saw a white flash, then lost sight of this object.
The sky was clear of cloud cover at time of observations.

Chappell

Ira Lansing - Wright-Patterson Air Force
Ext. 69216 2nd contact.

OC-15

EXTRACT LANSING CITY POLICE LOG

The following reports of UFO's were extracted from the Lansing City Police Log by TSgt David N Moody and William Powers on 13 June 1964.

1. 21 May 64, at 0302 am, [redacted], report of Landing. Heard noise from elephants in Logan Shopping Center. [redacted]

2. 21 May 64, at 955 pm, [redacted], 15 yrs old saw Flying Saucer at Prospect and Clifford. Bright with 15 foot diameter.

3. 23 May 64, Saturday at 0300 am, [redacted], etc. . .

4. 23 May 64, Saturday at 1238 am, [redacted] reported UFO.

M/R: TSgt Moody called on 15 Jun 64

About 15 different sightings all wrapped up but one. (Many photo runs, extremely loud noise, bright light)

1. Wants Marilyn to check with ADC Liaison, Radar plots from Lansing area May 21, 22, 23, 31 - 1 Jun, 2100 - 0500 hours. (Capt [redacted] will give them to us as soon as he can and he is getting with it, so good).

2. Wants Captain Quintanilla to call Selfridge AFB to see if they have any knowledge of military a/c using Lansing area as target. Also see if any military or photo missions in this area.

3. FAA in Detroit took over Lansing sometime between 0200 - 0300, 22 May 64. Check with them for flights.

4. Wants Marilyn to call Helen and give short summary of happenings. One small release for newspaper there is going out. Locally . . . Just interested in a local release. Will do an article for Sunday's paper. That gives us enought time to prepare for it.

Sgt Moody will be back tomorrow sometime, He hopes.

1. Negative unknowns on Radar.
2. Nothing from Selfridge.
3. Did not check. Not necessary since operation confirmed at Lansing.
4. OK

17 Jun 64, summary of conversation between Frank Hand reporter,

Lansing, Michigan and Capt Q and Sgt Moody.

What is happening in regards to Grand Ledge sighting?

Two sightings 1 & 2

1. Was an aircraft

2. A reflection from fog.

1. Between two and three on the night of the sighting IFR flights in that area were closed to Lansing tower. They were monitored by Detroit. This was a classified ~~xxxxx~~ project. Roger Snowberger was in tower at Lansing. Said he saw lots of planes. These were all low level flights.

2. Very intriging. Just a hypothesis, but reasonable, a swamp on one side, plowed field on other, weather everything matches up to be a reflection off of the fog.

Asked him to send us a copy of his article which he will do.

These sightings, are they pretty much par for the course. T Yes, it is etc.,. Do these sightings run in cycles. Yes, weather has been right for it, summer time. Quite ~~of~~ a bit of activityx intriques the peoples curiosity making more.

~~xxx~~ The tower operators at Lansing get quite a few calls themselves so they just go ahead and answer them at time of call. Usually Venus, meteors etc.

1. Flight over Grand Ledge was at 3 am Fri morning, 22 May 64. Equipment had turbine motor that made a whine noise which drowned out noise of a/c engines. Are we ever told, say New Mexico, more information of what really was. We have no need to know usually and as long as they say they had something over that area fitting that description we leave it at that.

Sgt Micklatcher, ext 240 of the International Guard Kellogg Mich, Custer AFB called on 9 Jun 64.

Flight path of phto plane:
Plane was a RB-57A
Pilot: Major Michael L Moore
Attached to Battlecreek Internatinal Guard,
Battlecreek, Michigan.

His flight was from El Paso, Texas to Selfridge Mich. He flew direct from Joliet, Ill to Selfridge arriving 1940 local, EST. (31 May-1 June)

He departed Selfridge to Tinker at 2040 EST leaving on the North side in a Northerly direction. He went from Carlton to Dayton to Indianapolis and back to Tinker.

Capt Bretthauer, ADC LiaisonOfficer, ext 71155/52276

checked the Radar ~~ix~~ for Lansing Michigan area on the

nights of 21, 22, 23, 31 - 1 Jun, 2100 - 0500 hys.

Reports are held only two days unless something unusual

had been sighted on radar. Nothing unusual sighted, therefore, records were not kept.

Base Ops 68331/68332
Negative

Fighter Ops 56265
Negative

Cargo Ops 55218
Negative

Tech Photo (RASPO)
Bldg 28.... Referred to Infra Red Section
Bldg 22 Post F-3
Mr WOODARD 39180/39110
Negative

LASER People
Mr Klute 25237/26150
Received valuable info on appearance of Laser beams but nothing to associate with Lansing Case.

Recon ASD Major Miller,
Referred to Capt Daly, referred to Mr Dunker at 35235.
Negative.

DF-335 Selfridge AFB, Mich
Negative. Said try Custer ANG at Battle Creek.

DE-335 Lockbourne. Photo outfit files plans with Base Opr. Couldn't find out who they were. Either Navy or Civilian.

20152 Navy Liaison CDR ROUNTREE. Mc Donald out of St Louis only Local A/C flying photo Missions.
NA 60343 461-4970 Rocketdyne referred to 461-4823 Mr Hawver... Negative.

North American at Columbus (Lockbourne) Negative flights Fly DAY missions now. Did have a few night photo flights 2-3 weeks ago. No Infra Red. Use strobe....

Michigan Army National Guard 46th AVN BN Grand Ledge. M/Sgt Mead, Maj Ballans Piper cubs ~~DAY~~ No photo. High wing monoplanes and 3 types of helos (bubble). No photo.

DISPATCH LOG

INBOUND

DATE MAY 21 1964

ACFT. IDENT.	TYPE	FROM	V	I	ETA	F/E	INI	ATA	TOWER INI	FSS INI		REMARKS
AG00785	C-47	BHC	✓		2000	2200	HB	1948	GS	HE		STRAND RANN MCDONALD
AWARD 07 257	B-57	MCO	✓		2145	2245	HE	A2146	—	—		STEINER ROSBOLT

OUTBOUND

	ACFT. IDENT.	TYPE	TO	V	I	ATD	ETE	ETA	F/E	F/P INI	DEP INI	ATA	TOWER INI	FSS INI	REMARKS
	AG00785	C-47	DTW	✓		1419	0145	1504	1919	CG	CG	—	—	—	STRAND RANN MCDONALD
	AWARD 07 259	B-57	MCO	✓		1529	2145	1814	1914	HB	HB	—	—	—	STEINER ROSBOLT
	" 09 471	"	DTW	✓		1626	1100	1726	1956	HB	HB	1700	—	HE	JOHNSTON
X	ARID 79	B-57	HTI		✓	1943	1140	2123	2313	HB	HB	—	—	—	

OPS FORM # 9 (5 October 1963)

LOCAL FLIGHT LOG

MAY 21 1964

DD FORM 1080 FLIGHTS * BATTLE CREEK AIR NATIONAL GUARD BASE * BATTLE CREEK, MICHIGAN * DATE _____

ACFT. IDENT.	PILOT - NAVIGATOR	ATD	ETE	ETA	FUEL TIME	TOWER INI	DISP INI	MAINT SQ	ATA	TOWER INI	DISP INI	REMARKS
AWARD 04 (456)	STICK/IDZKOWSKI	1508	2+00	1708	3+00	ES	WD	—	1732	ES	WD	
AWARD 06 (484)	SMITH	0357	2+30	0227	3+45	RK	TP	—	0218	RK	TP	
AWARD 05 (437)	BUCKHOUT	0000	2+30	0230	4+30	RK	TP	—	0215	RK	TP	
AWARD 14 (497)	SCHIPPER	0009	2+30	0239	3+20	RK	TP	—	0221	RK	TP	
AWARD 01 (453)	MOORE	0002	2+30	0232	3+45	RK	TP	—	0226	RK	TP	
AWARD 10 (478)	LLOYD	0004	2+30	0234	3+30	RK	TP	—	0228	RK	TP	
AWARD 04 (456)	RANN/DINSMOOR	0028	2+30	0258	4+05	RK	TP	—	0249	RK	TP	
AWARD 11 485	McMURRAY	0039	2+30	0309	4+10	RK	TP	—	0300	RK	TP	

[illegible]

[illegible] 100

[illegible] 1964

[illegible] (5 October 1963)

Subsequent to their observation they had received numerous telephone calls from others in the area who had observed or heard the same or a similar object. These included [redacted] children who observed the object, the [redacted] (nearby farmers) who heard the object and described the sound as extremely loud. They received a call from a nurse at the Ingham medical center, who said that she and a maternity patient had observed the object. Also, a Mr [redacted], the Delta Township Fire Marshall, had observed the object that same night.

It should be noted that Mrs [redacted] had a child a few months old and was the one that was awakened by the noise. The noise of the object did not disturb the sleeping child. Also, Mr [redacted] is fire marshall and is attuned to awaken at a bell, siren or telephone.

SIGHTING OF DUSTER RUCKHARDT

Following the interview with Mr and Mrs [redacted], Sgt Moody and Bill Powers proceeded to the Delta Township Fire Barn Station at Canal and Saginaw, Michigan (About three miles East of Grand Ledge), to interview [redacted]. On the night of 25 May at about 0330 Mr [redacted] was awakened by a high pitch, shrill hum. He looked out the window and observed an object over Saginaw Highway. A light coming from the bottom of the object lit up the yard and an area about 1000 feet in diameter. The light went out and proceeded East following a path above Saginaw Highway. For a brief period after the light went out Mr [redacted] could not see the object but followed its flight by the sound. The object sounded like it was climbing. This loss of sight was attributed to the affects of having observed a very bright light. Mr [redacted] gave no estimation on the altitude of the object. The light was sufficiently bright for him to see the ground across the road. From the initial time when he was awakened until the object had disappeared in the East no more than three to four minutes had elapsed. Mr [redacted] also reported that several people in the area had talked with him about hearing the noise and had complained about the noises causing their dogs to become upset.

SIGHTING OF LINDA CAMPBELL AND BONNIE BANCROFT

Following the interview with [redacted] Sgt Moody and Bill Powers proceeded to the home of [redacted] at [redacted] in Grand Ledge, Michigan for an interview concerning her observation on the night of 13 Jun 64 and carried in the local newspapers on 14 June. During the interview it was apparent that the sighting was not related to those of objects with noise observed during the latter part of May. About 2215 local time on 13 [redacted] and [redacted] were returning from a party. As they departed in their car they turned on to a road leading

LOCAL FLIGHT LOG

DD FORM 1080 FLIGHTS * BATTLE CREEK AIR NATIONAL GUARD BASE * BATTLE CREEK, MICHIGAN * DATE MAY 21 1964

ACFT. IDENT.	PILOT - NAVIGATOR	ATD	ETE	ETA	FUEL TIME	TOWER INI	DISP INI	MAINT SQ	ATA	TOWER INI	DISP INI	REMARKS
AWACS 04 (456)	STACY/IDZKOWSKI	1508	2100	1708	3+00	ES	WD	—	1732	ES	WD	
AWACS 06 (484)	SMITH	1357	2+30	0227	3+45	RK	TP	—	0218	RK	TP	
AWACS 05 (437)	BUCKHOUT	0300	2+30	0230	4+30	RK	TP	—	0215	RK	TP	
AWACS 14 (491)	SCHIPPER	0009	2+30	0239	3+30	RK	TP	—	0221	RK	TP	
AWACS 01 (453)	MOORE	0002	2+30	0232	3+45	RK	TP	—	0226	RK	TP	
AWACS 11 (471)	LOYD	0004	2+30	0234	3+30	RK	TP	—	0228	RK	TP	
AWACS 04 (456)	RANN/DINSMORE	0028	2+30	0258	4+05	RK	TP	—	0249	RK	TP	
AWACS 11 (485)	[illegible]/MASON	0039	2+30	0309	4+10	RK	TP	—	0300	RK	TP	

DISPATCH LOG

DATE MAY 21 1964

INBOUND

ACFT. IDENT.	TYPE	FROM	V	I	ETA	F/E	INI	ATA	TOWER INI	FSS INI		REMARKS
AG00715	C-47	BHL	✓		2000	2200	HB	1948	GS	HE		STRAND RANN MCDONALD
AWARD 07 239	B-57	MCO	✓		2145	2245	HE	2216	—	—		STEINER ROSBOLT

OUTBOUND

ACFT. IDENT.	TYPE	TO	V	I	ATD	ETE	ETA	F/E	F/P INI	DEP INI	ATA	TOWER INI	FSS INI	REMARKS
AG00715	C-47	DTW	✓		1419	0445	1504	1919	CG	CG	—	—	—	STRAND RANN MCDONALD
AWARD 07 239	B-57	MCO	✓		1529	2145	1814	1914	HB	HB	—	—	—	STEINER ROSBOLT
" 07 241	"	DTW	✓		1626	1400	1726	1956	HB	HB	1700	—	HE	JOHNSTON
X ARID 79	B-57	HTI		✓	1943	1440	2123	2313	HB	HB	—	—	—	

OPS FORM # 9 (5 October 1963)

LOCAL FLIGHT LOG

MAY 22 1964

DD FORM 1080 FLIGHTS * BATTLE CREEK AIR NATIONAL GUARD BASE * BATTLE CREEK, MICHIGAN * DATE _____

ACFT. IDENT.	PILOT - NAVIGATOR	ATD	ETE	ETA	FUEL TIME	TOWER INI	DISP INI	MAINT SQ	ATA	TOWER INI	DISP INI	REMARKS
AWARD 03 481	Heldenap Cline	1456	2+30	1726	3+30	SM	GM	TP	1731	SM	GM	
AWARD 06 437	RANN - WEEKS	1843	2+00	2043	3+30	ES	WD	—	2004	ES	"	
AWARD 01 453	JONES	0030	2+30	0300	4+00	RK	TP		0300	RK	TP	
" 10 478	[illegible] BENEDICT	0034	2+30	0304	3+00	RK	TP		0353	RK	TP	
" 04 456	CARLSON BAILEY	0038	2+30	0308	4+00	RK	TP		0358	RK	TP	
" 05 437	BURNS STRAND	0040	2+30	0310	4+30	RK	TP		0306	RK	TP	
" 03 481	BART	0032	2+30	0302	3+30	RK	TP		0303	RK	TP	
" 06 484	VANBLOIS STONER	0034	2+30	0304	3+30	RK	TP		0302	RK	TP	

OPS FORM (5 October 1963)

DISPATCH LOG

INBOUND

DATE MAY 22 1964

ACFT. IDENT.	TYPE	FROM	V	I	ETA	F/E	INI	ATA	TOWER INI	FSS INI	ATD	REMARKS
AWARD 09 471	B-57	DTW	✓		1350	1520	MG	1342	SM	MG	—	Johnston
x AE 25804	C-131	BLV		✓	1625	2217	CG	1612	SM SM	CG/CG	1649	NEXT DEST H15 FFO
AWARD 08 426	B-57	MUO		✓	1700	1805	MG	1648	SM	CG	—	CAP

OUTBOUND

ACFT. IDENT.	TYPE	TO	V	I	ATD	ETE	ETA	F/E	F/P INI	DEP INI	ATA	TOWER INI	FSS INI	REMARKS

OPS FORM # 9 (5 October 1963)

LOCAL FLIGHT LOG

MAY 22 1964

DD FORM 1080 FLIGHTS * BATTLE CREEK AIR NATIONAL GUARD BASE * BATTLE CREEK, MICHIGAN * DATE _____

ACFT. IDENT.	PILOT - NAVIGATOR	ATD	ETE	ETA	FUEL TIME	TOWER INI	DISP INI	MAINT SQ	ATA	TOWER INI	DISP INI	REMARKS
AWARD 03 481	Heldenap Cline PASS	1456	2+30	1726	3+30	SM	GM	TP	1731	SM	GM	
AWARD 06 437	RAWN - WEEKS	1843	2+00	2043	3+30	ES	WD	—	2004	ES	"	
AWARD 01 453	JONES	0030	2+30	0300	4+00	RK	TP		0300	RK	TP	
" 10 478	[illegible] BENEDICT	0034	2+30	0304	3+00	RK	TP		0353	RK	TP	
" 04 456	CARLSON BAILEY	0038	2+30	0308	4+00	RK	TP		0358	RK	TP	
" 05 437	BURNS STRAND	0040	2+30	0310	4+30	RK	TP		0305	RK	TP	
" 03 481	BART	0032	2+30	0302	3+30	RK	TP		0303	RK	TP	
" 06 484	VANBLOIS STONER	0034	2+30	0304	3+30	RK	TP		0302	RK	TP	

OPS FORM (5 October 1963)

DISPATCH LOG

INBOUND

DATE MAY 22 1964

	ACFT. IDENT.	TYPE	FROM	V	I	ETA	F/E	INI	ATA	TOWER INI	FSS INI	ATD	REMARKS
	AWARD 09 4711	B-57	DTW	✓		1350	1520	MG	1342	SM	MG	—	Johnstown
X	AE 25804	C-131	BLV		✓	1625	2217	CG	1612	SM SM	CG/CG	1643	NEXT DEST' HIS FEO
	AWARD 08 4726	B-57	MUO		✓	1700	1805	MG	1648	SM	CG	—	CAL

OUTBOUND

ACFT. IDENT.	TYPE	TO	V	I	ATD	ETE	ETA	F/E	F/P INI	DEP INI	ATA	TOWER INI	FSS INI	REMARKS

Echo I

B-OPS 68331/68332

F-OPS 56265

CARSON, OPS 55218 – NOT

Teen Photo –

RASPO – Bldg 28

Bldg 22 1ST R-3

KLUTE/25237

INFLX Bldg 26 1ST OFFICE

Laser people

Ground 37180/39110

James Mackie
on Duty Tower
Call Detroit Center

RB 57 — 845

Call Chicago Center

Master Miller
Capt. Daly
Dunker 31235
Negative Recon ASD

Mr NORDER LEAR INC.

[redacted]

NOTHING Since Dan

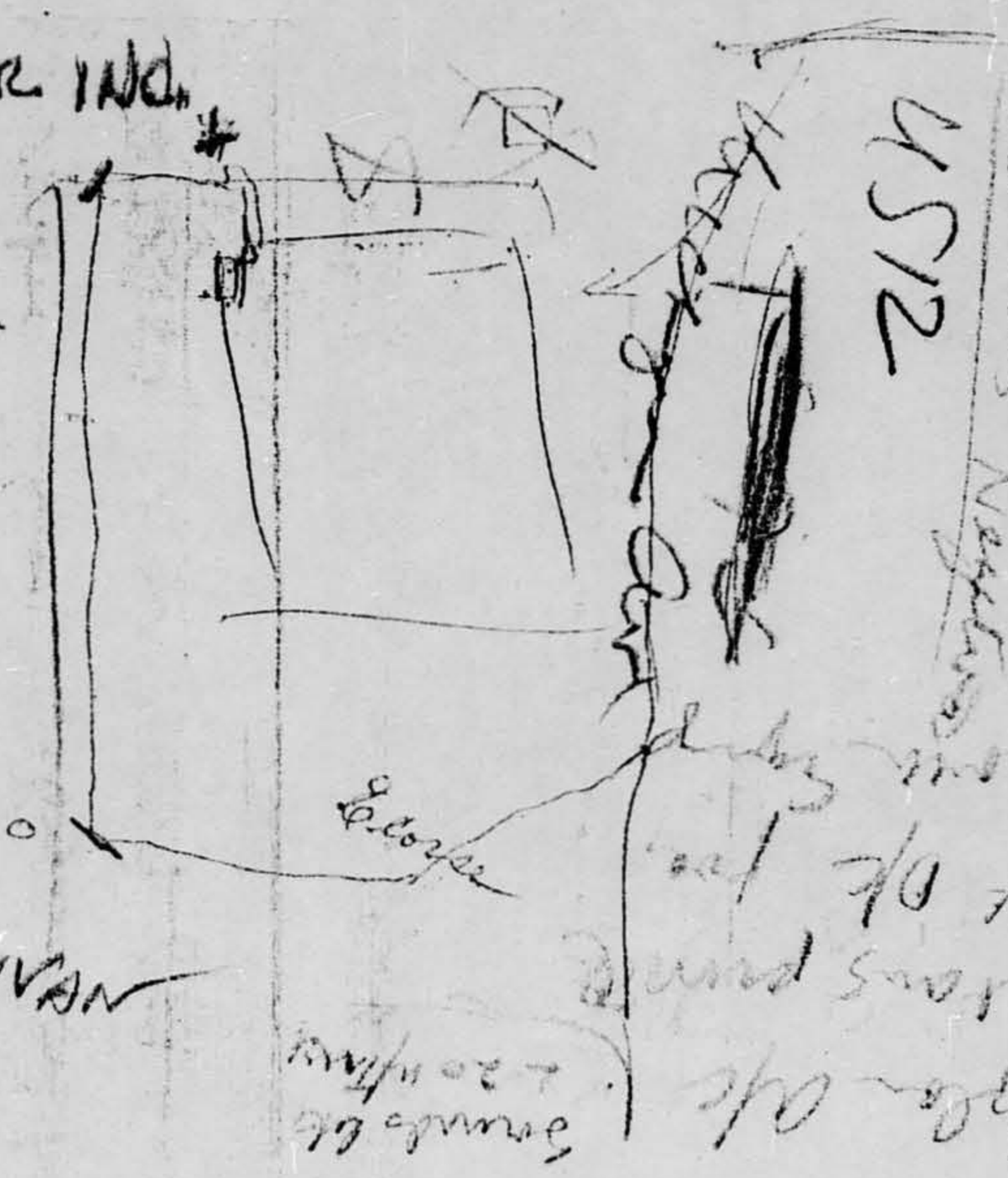
PONTICAC -

FRANK LODGE

FE 24243

3320159

Mr SULLIVAN



Res Condentron Corp
of Ann Arbor Dialect
Lee Evans Neighborhood

4512

[redacted]

Tentans prime
Act Ok Inc.
Ecorse Expy

Sta Ok
Trends Ok
2 20 Hrs

INFRA RED

G H Smith

Bldg 2041

CASING i.

to Saginaw Highway. As they turned onto the road from the driveway both girls observed a light which they thought to be a car coming towards them. However, they realized that it was not a car because there were no bright lights shining towards them. The girls stopped the car and the light stopped. Of particular interest was the description of the light. It was about 5 - 6 foot high and covered width of the road. There was no object observed, just a light with no rays whatsoever. The light did not cast a glow on nearby trees. Total duration of the observation was no more than fifteen seconds. The later portion of about 4 seconds consisted of a one second decrease in intensity when the light dimmed, two seconds staying dimmed and one second getting brighter again. At this time the light disappeared completely. The strange light frightened the girls and they went home and reported their observation to their parents. It was decided that a visit to the scene would be helpful. Sgt Moody and Mr Powers were accompanied to the scene by [redacted] parents and both observers. It was determined that the shape of the ojbectcon formed with an opening in the trees through which the road passed. Adjacent to this opening was a small body of water with begetation. Distances were measured from the car to the objects location where it first appeared and where it stopped, as well as the distance where the car turned on to the road and was stopped. Measurements of the distance that the car lights beams ended on the road were nottaken. The theory that the sighting was a reflection of the car lights on fog developed. Sgt Moody planned to return that night if weather conditions remainedthe same, to determine if this was the prescence of ground fog from this pond.

INVESTIGATIVE INFORMATION

From the Grand Ledge sighting of [redacted] and [redacted] Sgt Moody proceeded to Capitol City Airport near Lansing, Michigan. Contact was made with Abrams Photo Service and was informed that no night missions were being flown locally during the period of unusual observations in the Lansing Area.

The FAA was contacted regarding local flights on the night of May 22nd and information on Turbo Prop aircraft operating in the area obtained. General Motors has three Turbo Props, Convair Model 54, Twin Engine. These Planes did not fly during the period in question. United Airlines as one Turbo Prop flying scheduled flights. This did not coincide with the reported sightings. No Turbo Props in the area around 0300 am. An Army Mowhawk Turbo Prop flying an occasional VFR mission. None were noted at FAA logs. Only one flight was contained on the FAA logs and this flight ~~directly~~ arrived at 2054 local and departed Lansing at 0154 local, flight Number was FLAY Ø9, C-119 on local flight to South Bend, Indiana, home station Selfridge AFB.

On Airpath [illegible]

U.S. AIR FORCE TECHNICAL INFORMATION

This questionnaire has been prepared so that you can give the U.S. Air Force as much information as possible concerning the unidentified aerial phenomenon that you have observed. Please try to answer as many questions as you possibly can. The information that you give will be used for research purposes. Your name will not be used in connection with any statements, conclusions, or publications without your permission. We request this personal information so that if it is deemed necessary, we may contact you for further details.

1. When did you see the object?

WED 20 May
Day Month Year

2. Time of day: 20 45
Hour Minutes

(Circle One): A.M. or P.M.

3. Time Zone:

(Circle One): a. Eastern
b. Central
c. Mountain
d. Pacific
e. Other _____

(Circle One): a. Daylight Saving
b. Standard

4. Where were you when you saw the object?

LONSDALE City Muskegon
Nearest Postal Address City or Town State or County

5. How long was object in sight? (Total Duration) _____ 5 _____
Hours Minutes Seconds

a. Certain
b. Fairly certain
c. Not very sure
d. Just a guess

3 min before light

5.1 How was time in sight determined? _____

5.2 Was object in sight continuously? Yes _____ No _____

6. What was the condition of the sky?

DAY	NIGHT
a. Bright	a. Bright
b. Cloudy	b. Cloudy

7. IF you saw the object during DAYLIGHT, where was the SUN located as you looked at the object?

(Circle One):
a. In front of you
b. In back of you
c. To your right
d. To your left
e. Overhead
f. Don't remember

FORM
FTD OCT 62 164 This form supersedes FTD 164, jul 61, which is obsolete.

8. IF you saw the object at NIGHT, what did you notice concerning the STARS and MOON?

8.1 STARS *(Circle One)*:

a. None
b. A few
c. Many
d. Don't remember

8.2 MOON *(Circle One)*:

a. Bright moonlight
b. Dull moonlight
c. No moonlight – pitch dark
d. Don't remember

9. What were the weather conditions at the time you saw the object?

CLOUDS *(Circle One)*:

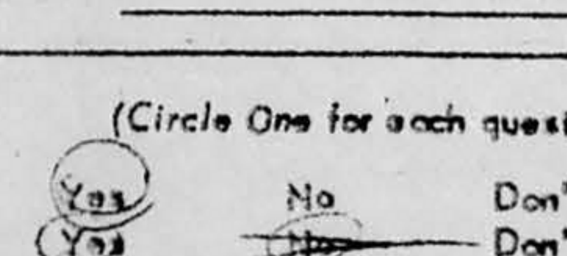
a. Clear sky
b. Hazy
c. Scattered clouds
d. Thick or heavy clouds

WEATHER *(Circle One)*:

a. Dry
b. Fog, mist, or light rain
c. Moderate or heavy rain
d. Snow
e. Don't remember

10. The object appeared: *(Circle One)*:

a. Solid
b. Transparent
c. Vapor
d. As a light
e. Don't remember



11. If it appeared as a light, was it brighter than the brightest stars? *(Circle One)*:

a. Brighter
b. Dimmer
c. About the same
d. Don't know

11.1 Compare brightness to some common object:

Airplane

12. The edges of the object were:

(Circle One):

a. Fuzzy or blurred
b. Like a bright star
c. Sharply outlined before bright
d. Don't remember
e. Other _____

13. Did the object:

(Circle One for each question)

a. Appear to stand still at any time?	Yes	No	Don't know
b. Suddenly speed up and rush away at any time?	Yes	No	Don't know
c. Break up into parts or explode?	Yes	No	Don't know
d. Give off smoke? or Vapor trail	Yes	No	Don't know
e. Change brightness?	Yes	No	Don't know
f. Change shape?	Yes	No	Don't know
g. Flash or flicker?	Yes	No	Don't know
h. Disappear and reappear?	Yes	No	Don't know

Went off in distance

14. Did the object disappear while you were watching it? If so, how?

Yes not w/ smoke then went off from Thru 45° ANG AS DISTANCE

15. Did the object move behind something at any time, particularly a cloud?

(Circle One): Yes (No) Don't Know. IF you answered YES, then tell what it moved behind: trees - hot up - Clear Vista

16. Did the object move in front of something at any time, particularly a cloud?

(Circle One): Yes (No) Don't Know. IF you answered YES, then tell what in front of:

17. Tell in a few words the following things about the object:

a. Sound Quiet Slight tone

b. Color

18. We wish to know the angular size. Hold a match stick at arm's length in line with a known object and note how much of the object is covered by the head of the match. If you had performed this experiment at the time of the sighting, how much of the object would have been covered by the match head?

Less than A/C

19. Draw a picture that will show the shape of the object or objects. Label and include in your sketch any details of the object that you saw such as wings, protrusions, etc., and especially exhaust trails or vapor trails. Place an arrow beside the drawing to show the direction the object was moving.

1/2 Dime Width

20. Do you think you can estimate the speed of the object?

(Circle One) Yes No Slanting → ZIP

IF you answered YES, then what speed would you estimate? _____

21. Do you think you can estimate how far away from you the object was?

(Circle One) Yes No Lower than a/c flies

IF you answered YES, then how far away would you say it was? Further than Sun

22. Where were you located when you saw the object? (Circle One):

a. Inside a building
b. In a car
c. Outdoors
d. In an airplane (type)
e. At sea
f. Other _____

23. Were you (Circle One)

a. In the business section of a city?
b. In the residential section of a city?
c. In open countryside?
d. Near an airfield?
e. Flying over a city?
f. Flying over open country?
g. Other _____

24. IF you were MOVING IN AN AUTOMOBILE or other vehicle at the time, then complete the following questions:

24.1 What direction were you moving? (Circle One)

a. North
b. Northeast
c. East
d. Southeast
e. South
f. Southwest
g. West
h. Northwest

24.2 How fast were you moving? _____ miles per hour.

24.3 Did you stop at any time while you were looking at the object?

(Circle One) Yes No

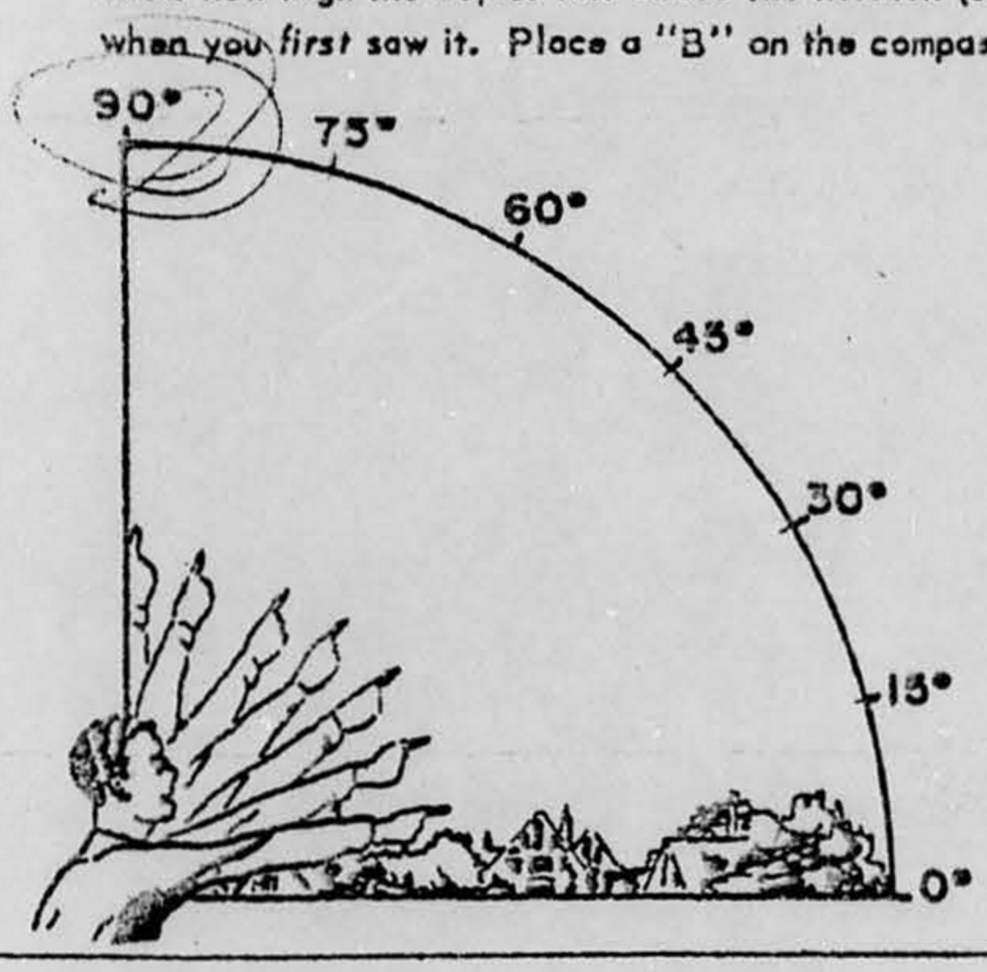
25. Did you observe the object through any of the following?

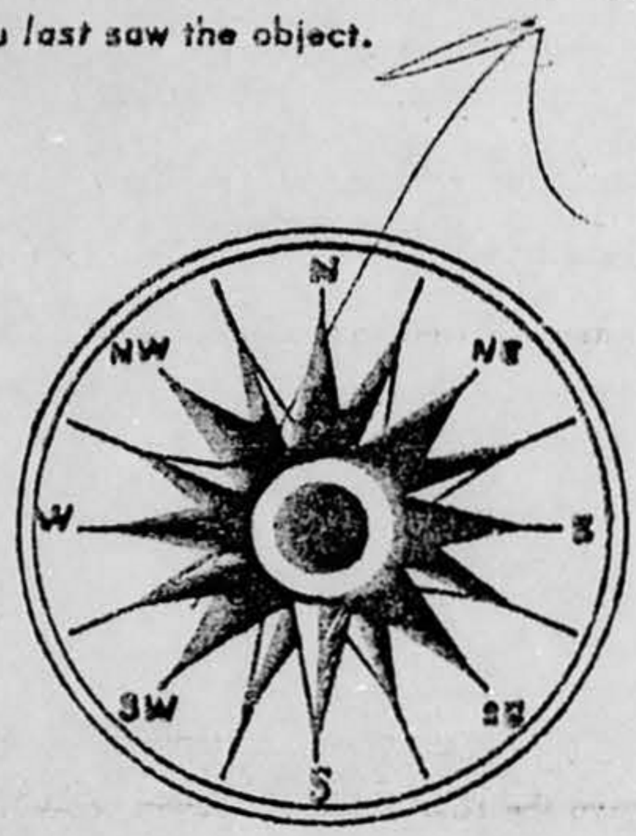
a. Eyeglasses	Yes	No	e. Binoculars	Yes	No
b. Sun glasses	Yes	No	f. Telescope	Yes	No
c. Windshield	Yes	No	g. Theodolite	Yes	No
d. Window glass	Yes	No	h. Other N/A		

26. In order that you can give as clear a picture as possible of what you saw, describe in your own words a common object or objects which, when placed up in the sky, would give the same appearance as the object which you saw.

Nothing Stopped like Sun or Other Star or Planet

27. In the following sketch, imagine that you are at the point shown. Place an "A" on the curved line to show how high the object was above the horizon (skyline) when you *first* saw it. Place a "B" on the same curved line to show how high the object was above the horizon (skyline) when you *last* saw it. Place an "A" on the compass when you *first* saw it. Place a "B" on the compass where you *last* saw the object.





28. Draw a picture that will show the motion that the object or objects made. Place an "A" at the beginning of the path, a "B" at the end of the path, and show any changes in direction during the course.

29. IF there was MORE THAN ONE object, then how many were there? No
Draw a picture of how they were arranged, and put an arrow to show the direction that they were traveling.

30. Have you ever seen this, or a similar object before. If so give date or dates and location.

YES,

31. Was anyone else with you at the time you saw the object? *(Circle One)* Yes (No)

31.1 IF you answered YES; did they see the object too? *(Circle One)* Yes No

31.2 Please list their names and addresses:

32. Please give the following information about yourself:

NAME [redacted] [redacted] _____
Last Name First Name Middle Name

ADDRESS [redacted] LANSING _____
Street City Zone State

TELEPHONE NUMBER _____ AGE 15 SEX F

Indicate any additional information about yourself, including any special experience, which might be pertinent.

Reported Same Night.

33. When and to whom did you report that you had seen the object?

_____ _____ _____ Police
Day Month Year

EXTRACT FROM SGT MOODY'S TRIP REPORT

7. The Crystal Lake sighting of _____ (to be investigated by Sgt Moody)

8. Mrs [redacted] of [redacted], Lansing Michigan (burned leaf samples). It was requested by this witness that her name not be used. (to be contacted by Sgt Moody)

9. The Grand Ledge sighting by Mr and Mrs [redacted] (to be investigated by both Mr Powers and Sgt Moody)

10. The [redacted] observation from the police report of the Michigan State Police. It was decided due to Mr [redacted] reputation as a publicity seeker that his sighting would be considered misinterpretation of conventional objects and/or his imagination and/or his attempts to perpetrate a hoax, and no contact withthis witness would be made.

11. The sighting of Mr [redacted] on 6 May 64. Object evaluated as A/C sighting. (Case to be written up by Sgt Moody)

12. The sighting by [redacted] was believed to be an Astronomical Body (Case to be written up by Sgt Moody).

13. The Grand Ledge observation of [redacted] and [redacted] on June 13, 1964. (To be investigated jointly by Sgt Moody and Bill Powers).

SIGHTING OF MISS [redacted]

From the Lansing State Journal Office, Sgt Moody and Bill Powers proceeded to the residence of Miss Jo Ann Busy of 404 S Fairview, Lansing, Michigan. A FTD Form 164 was completed by both investigators. Miss [redacted] was a young girl of 15. Her impressions of the object were vague, inconsistant and contained little information of a specific nature. The reported duration of 5 minutes when re-enacted and timed, indicated an observation of 25 seconds. However fantastic her story may have seemed, it was apparent that the little girl did observe an object with a bright light that made a high pitched noise. The light was described as reddish with a gold tint and apparently the object was low enough and/or bright enough to cast shadows from trees and other objects in the place of observation. Subsequent investigation indicates that this object was observed or heard by other witnesses in the area.

SIGHTING OF MRS [redacted]

Following the interogation of [redacted] Sgt Moody proceeded to the home of Mrs [redacted] of [redacted] Street, Lansing, Michigan. Arriving at 1900, physical specimens of the leaves were obtained. Basic information indicates that sometime between 9 and 9:15 on the night of Wednesday, 20 May 64, Mrs [redacted] heard a vibrating sound causing a roaring in her ears.

D

EXTRACT FROM BILL POWERS REPORT

2. [redacted] sighting. The witness in this case is a fifteen-year old girl residing at [redacted] in Lansing [redacted]. She is not skilled at description, being very vague about the concept of apparent angular size and being unable to draw even a simple sketch.

Her basic story is that as she was riding her bicycle home at about 2100 hours EST, 21 May, 1964, at the corner of Clifford and Prospect streets (about eight blocks from her home), she heard a loud roaring sound with a steady tone in it, and looked up to see a rectangular object, reddish gold in color, circling overhead. After a few seconds (described as "five minutes" at first) what appeared to be a pair of sliding doors in the bottom of the object slid back, revealing an intense light-source having a diameter as large as the bottom of the rectangular object in its short dimension. The light was a pale red, and lit up the tree tops and ground. All the surrounding streetlights (described as "4") went out at some time during this process. The light was bright enough to light up the tops of the trees around the intersection, and she thought the treetops were waving, although there was no wind. The light kept shining while the object circled, short edge forward, overhead, and then suddenly the object moved away with a puff of heavy smoke, which dissipated slowly and disappeared. The light remained on as the object left, and could be seen until it passed far enough away to be obscured by the trees. Just as the sound had become stronger before the object appeared, it faded away again as the object moved on.

The witness states that she was frightened and ran to the nearest house, but found that house dark; all the other houses nearby were reported as dark also. She states that she abandoned her bicycle and ran all the way home, a distance of at least half a mile (unless there is a shorter route than the one the investigators found), and then went back later to get the bicycle.

Since the witness could not estimate the size of the object (the first estimate indicated that it subtended an arc of over 100 degrees in the sky), the investigators concentrated on trying to draw out a description of its appearance. The results of this further questioning must be tempered by the probability that the girl was adding to her story at times, and may have been led to some conclusions.

During further questioning, the girl reinacted the sighting while the investigators timed her, roughly. According to this procedure, the noise took 5 seconds to appraoch, the object circled overhead several seconds, the light came on for about 6 seconds, and the departure occupied another 8 seconds until sight was lost, for a total of about twenty seconds. A second silent run clear through without description took 42 seconds. These times are probably a far more accurate estimate than the "five minutes" which the girl seemed to use to indicate any indefinite short time.

The shape of the object was determined roughly by showing the girl three rectangles, one square, one with a length-to-width ratio of about 3 to 2, and one with a ratio about 5 to 1. She picked the middle one, adding that the corners were "cut off." Three rectangles with the previously chosen shape were drawn, having about half of each side cut off, about a fourth, and about an eigth. She picked the least-cut-off picture. She indicated that it was not flat as shown, but she had no way to describe how it appeared. The investigator then drew the picture labelled "figure A," adding some arbitrary thickness and showning an object in perspect with rounded corners (a guess that this was what she was trying to say). When this picture was shown, the witness, without warning, acted very

It was learned that the FAA in Lansing turned over control of flight operations to Detroit center on the night of 22 May between 0200 and 0300 for a calssified military operation. Roger Snowberger was the tower operator. Sgt Moody went to interview Mr Snowberger the following afternoon at 1500 when he came on duty.

Local weather data was obtained for 13 June and used in the Bancroft Campbell sighting.

Discussion with the tower operators James Mackey on UFO's and the sightings in the area revealed that many calls are received by the tower operator. The operator usually explains the observation to the caller in terms of a known aircraft, weather balloon or one of the stars or planets. The tower at Capitol City Airport has an unobstructed view of the entire area.

At 0200 am 15 Jun 64 Sgt Moody returned to the motel.

On the morning of 15 Jun 64, Sgt Moody proceeded from East Lansing, Michigan to the University of Michigan at Ann Arbor and contacted Sgt Larson of the AFROTC. Sgt Larson directed Sgt Moody to the University of Michigan facility at Willow Run Airport. Mr G H Suits at Bldg 2041 was contacted at 1015 am. Mrs Suits was in charge of infra-red photo activities and referred Sgt Moody to the hanger where Michigan University operational a/c on these flights were located. Mr [redacted] was the person to be contacted and interviewed. Prior to proceeding to the hanger Mr Suits indicated that Conductron Corporation at the Ann Arbor Airport might also be engaged in photo activity. Mr Lee Evans at this corporation was contacted by telephone and he indicated that Conductron Corp had no flights in the Lansing area during the 20-25 May period. Mr Suits also indicated that Lear Inc was also engaged in photo activity. This address, 2320 Washington Avenue, Phone 665-0625 (Mr Norder) was contacted by telephone and he indicated that his company had three such projects under current operation; one in Puerto Rico, one in Florida, and one in Mississippi. None of the Lear Inc a/c were operating in the Michigan area and the last flight in Michigan was in January. He indicated that Frank Lodge of Pontiac, Michigan, phone FE 2-4243 or 332-0159 in Pontiac was the pilot of the a/c engaged by his company for the January operation. He stated that it was possible that Mr Lodge might have been flying infra-red photo missions for some other individual.

From Mr Suits office Sgt Moody went to the hanger and contacted Mr [redacted] On the night of 20 May, two JU6A Beaver a/c made flights from 0050 to 0150 EST and 0305 to 0405 EST. These a/c had a red beacon on top burning at all times. These a/c had standard a/c lights. During operation the pilots occasionally turn on the landing lights especially during turns. The a/c are equipped with Solar a/c turbines which provides AC and DC electricity for the research equipment. The University of Michigan also

Heard Noise First

Noise increased

High pitch

Fear from Legs

Noise Sort faintin

circling A ARE

Spiral Down

Left antenna

elapsed

20 deg

Light reddish light

No good

No Control Time

Less than one Minute

34. Date you completed this questionnaire: 13 (Day) July (Month) 67 (Year)

35. Information which you feel pertinent and which is not adequately covered in the specific points of the questionnaire or a narrative explanation of your sighting.

Color Reddish W gold tint
begin Red + Darker Grey

startled, said "that's it, but there was a thing, a dome, on top!" This apparently accounted for previous attempts to explain that she was looking up at its bottom, but could see something on top, too.

The investigators found the two streets described running at 90° to the directions described later during the interview, but in correspondence to the original directions stated early in the interview. According to the earlier version, the witness was standing on the south-west corner; the object would then have appeared from the south, and disappeared straight north. Four streetlights were seen, two on diagonally-opposite corners and two farther down the block along Clifford, one north and one south. The intersection was relatively free of trees, giving the effect of a clearing perhaps 100 feet in diameter. All the streets were otherwise lined with mature trees.

Evaluation is deferred to the end of this report.

3. Bush. 2100 EST, 21 May 1964. Object circled overhead with extremely loud roaring sound containing loud single note; turned on light after a few seconds which was extremely bright. Emitted puff of smoke, flew off fast out of sight. Rectangular shape, reddish color and light. Lansing.

Investigator's sketch of [redacted]' object. Dome added at witness' direction.

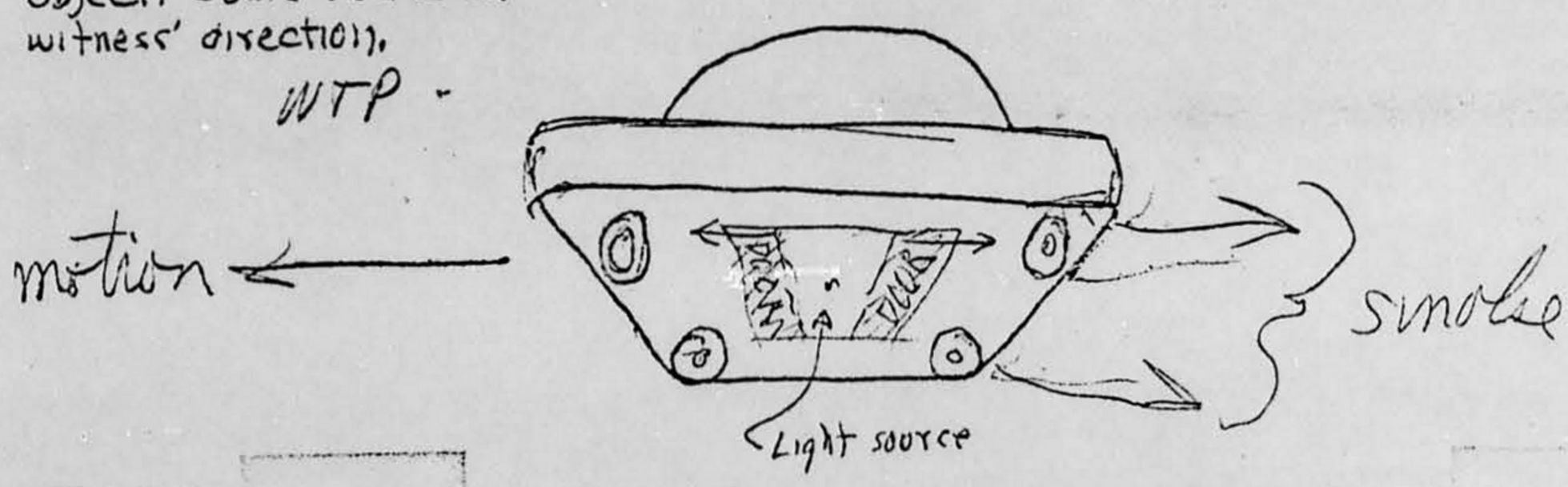


FIG A

EXTRACT LANSING CITY POLICE LOG

The following reports of UFO's were extracted from the Lansing City Police Log by TSgt David N Moody and William Powers on 13 June 1964.

1. 21 May 64, at 0302 am, [redacted]ap, report of Landing. Heard noise from elephants in Logan Shopping Center. [redacted]

2. 21 May 64, at 955 pm, [redacted], 15 yrs old saw Flying Saucer at Prospect and Clifford. Bright with 15 foot diameter.

3. 23 May 64, Saturday at 0300 am, D[redacted], etc. . .

4. 23 May 64, Saturday at 1238 am, [redacted], [redacted] [redacted]ported UFO.

Flying Saucer Puzzle Grows

It May Be Helicopter--or It May Not; Four in City Report 'Strange Objects'

Is Lansing's night-prowling "flying saucer" really a helicopter?

There was some indication today that this might explain the mysterious sights and sounds being reported by area residents.

But there was a large area of doubt, too.

Some of the pieces of the "saucer" jigsaw don't fit.

Take the case of the Grand Ledge UFO (unidentified flying object) early this morning.

Mr. and Mrs. Robert Nourse, who live on Cutler Road, north of Grand Ledge, were awakened at 3 a.m. by "roaring like a freight train."

"LIKE A RED DOME"

Gazing out, they spotted a flat-shaped object with something underneath that "looked like a red dome."

Twenty minutes later, the object was back again.

Nourse, who was voted Outstanding Eaton County Farmer of the Year by the Grand Ledge Jaycees a couple of years ago, said he knew he wasn't having hallucinations. In fact, he was so sure he wasn't that he called State Police to report the UFO.

Now, it happens that the Michigan Air National Guard at Abrams Airport, Grand Ledge, had a helicopter aloft Thursday night. The piece of the jigsaw that doesn't fit is the report in the Guard's log book.

It shows that the 'copter came down at 11:15 p.m.

And it didn't fly over Lansing.

In Lansing, there were at least four reports of flying objects. One was at 9:55 p.m. Jo Ann Bush, 15, of 404 S. Fairview Ave., phoned city police that she had seen an object hovering at Prospect and Clifford Streets. She said it was very bright and about 15 feet in diameter.

SAW 'SOMETHING'

Three other residents, who asked that their names be withheld, saw "something."

One woman living on W. Willow Street, saw an "oblong object with the corners squared off," she told police at 8:25 p.m. She said the object was "covered with a cellophane-like material" and emitted a bright, bluish-white light. She said it was going east and flying high and fast. She added there were no stars out at the time.

Another woman, residing on Neller Court, "saw a star move" between 11:15 and 11:30 p.m. This object, too, was going east. She said she had seen satellites cross the sky, and this didn't resemble them.

Still another woman, residing on Gordon Street, heard a loud humming or buzzing sound at 1 a.m. bearing a close resemblance to that made by a helicopter, but was prevented from seeing anything because of trees in the yard.

The noises reported by residents sound like those made by tree-spraying crews. There's just one catch — the City Parks Department hasn't had any spraying crews out for several days.

EXTRACT FROM SGT MOODY'S TRIP REPORT

On 14 Jun at 0730 am Sgt Moody met with Bill Powers at the Michigan State Police Headquarters in East Lansing, Michigan. We talked with Corporal Thornton of Michigan State Police regarding his observation of a meteor (report of sighting to be covered in Bill Powers report).

We then proceeded to Grand, Ledge, Michigan. Prior to an appointment with Mr and Mrs [redacted] we stopped for breakfast in Grand Ledge arranging our agenda to include:

1. Interview with Mr and Mrs [redacted]
2. Interview with [redacted] and [redacted]

Enroute to the [redacted] residence, which is almost 6 miles from Grand Ledge on a farm, we contacted the Army Michigan National Guard, 46th Aviation Batallion at Grand Ledge. This organization has three types of helocopters, some with the bubble canopy. They also have Piper Cubs and a High-Wing Monoplane. They do not fly night photo missions and do not have infra-red radar equipment. Operations are conducted almost every Saturday and Sunday (VFR) and all residents in the area should be familiar with these craft. Information from officers of this organization indicated that the University of Michigan at Ann Arbor was conducting night photo missions. Also, the Abrams photo service at Capitol City Airport might have information regarding other photo missions in the area.

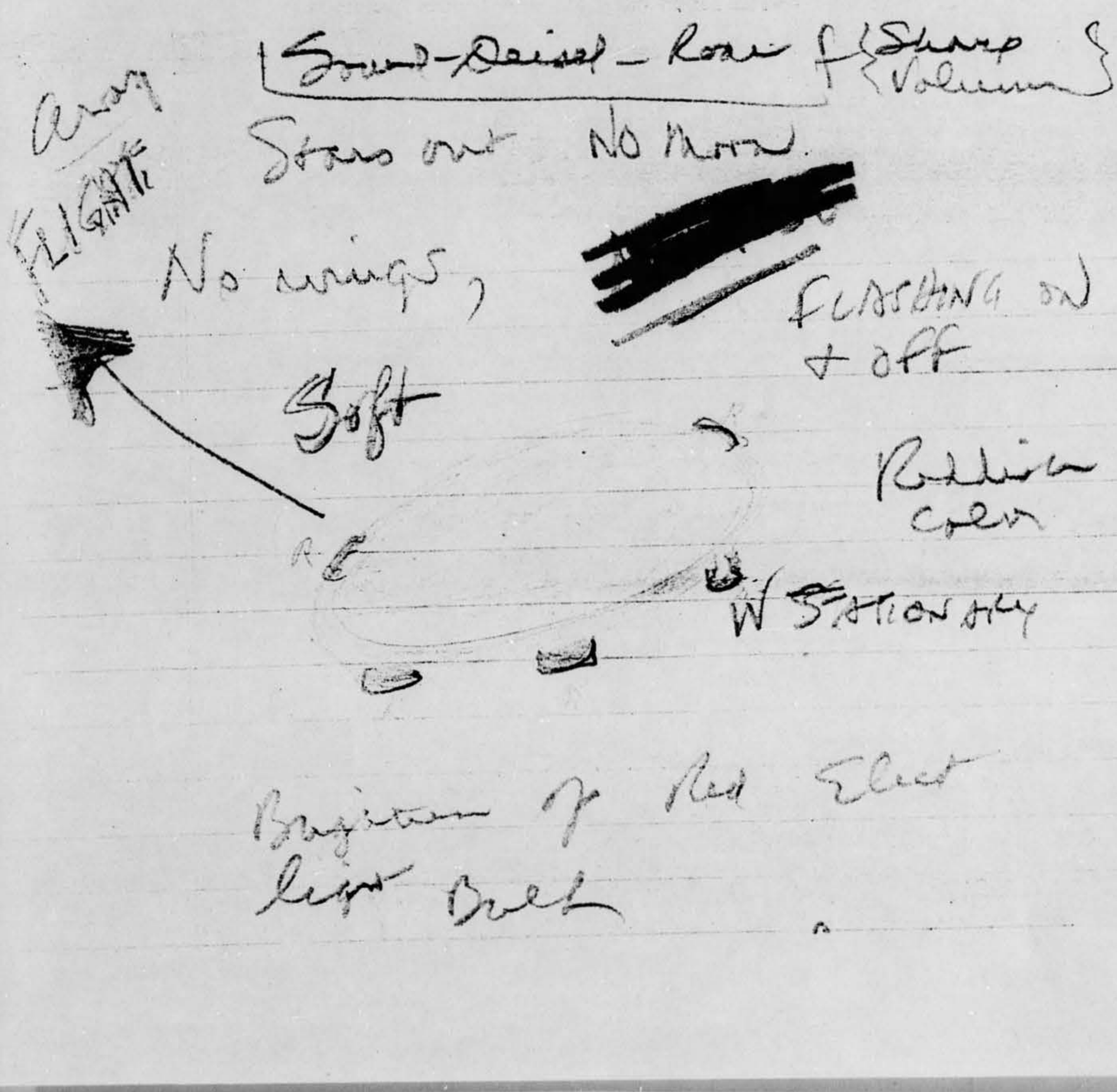
SIGHTING OF MR AND MRS [redacted]

At 0300 am on Friday morning, 22 May 64, Mr and Mrs [redacted] reported that an unusual object was observed from their upstairs bedroom window. Mrs [redacted] attention was first attracted to the object by a roar. She woke her husband and they observed a circular object of soft redish gold color with four red lights flashing on and off and one stationary white light on its perimeter. This observation lasted less than one minute. The object moved across a field about 300 - 400 feet from their point of observation. Stars were out and no moon. No wings or other features were noted on the object.

About ten minutes later the object reappeared crossing the same field. This time the object was tipped at an angle slightly higher in the rear. Flight was from right to left (toward Lansing), and away from the observers. Again, the duration was short, less than one minute. The size was estimated at 30 to 50 feet. Time of the first sighting was about 0250 am, second observation was at 0305 am. The sound during the second observation was described as sharp and pitched whine, compared to the roar of tires on a deisel truck on a highway.

Subsequent to their observation they had received numerous telephone calls from others in the area who had observed or heard the same or a similar object. These included [redacted] children who observed the object, the [redacted] (nearby farmers) who heard the object and described the sound as extremely loud. They received a call from a nurse at the Ingham medical center, who said that she and a maternity patient had observed the object. Also, a M[redacted], the Delta Township Fire Marshall, had observed the object that same night.

It should be noted that Mrs[redacted] had a child a few months old and was the one that was awakened by the noise. The noise of the object did not disturb the sleeping child. Also, Mr [redacted] is fire marshall and is attuned to awaken at a bell, siren or telephone.



A.W. 05.10 -05. Mar 15

EXTRACT FROM BILL POWERS PRELIMINARY REPORT

the sighting took place at "12:10 to 12:15". Both men have agreed to cooperate in any detailed investigation.

One of the calls associated with the night of the emergency run previously mentioned was from a farmer in Grand Ledge, who called the ~~Ingham County Sheriff's~~ Indiana State Police department with a report that he had seen a flying saucer land and take off again. A police car 5 miles from the scene was dispatched, but before it arrived the farmer, whose name was not obtained, said that the object was gone; the investigating patrol reported sighting nothing unusual, so the sighting was not logged: the name of the farmer may be difficult to discover. The farmer said the object was blue/and (shining) roared and was /15 feet in diameter. The police officer clearly believes the man to be "mistaken".

There are several more reports which need to be straightened out better than I could do over the telephone. One involves two men coming home from the night shift (apparently) at Oldsmobile, an [redacted]s and a[redacted] The two men were in a car parked in front of [redacted] house when they heard a weird noise (apparently not the siren - time is wrong) and saw an object that looked like a shooting star going behind the house. It made (or something made) a sufficiently impressive noise that Spear's wife jumped out of bed, terrified, the sound having awakened her.

Between phone calls to [redacted] and [redacted] on Saturday morning, I received an unsolicited call from a reporter, Dick Frazier of the Lansing State-Journal, who was trying to find out if my calls of the night before were legitimate, and who had another report which came in just after I had ceased operations Friday night. A Mrs. [redacted] Rd., Lansing, saw three objects as 9:00, 9:45, and 11:00 PM on the 20th, at least one of which showed shape (outline, not point source) and which was observed through binoculars. Mrs. [redacted] husband also saw the objects and the couple called some neighbors who also were witnesses. One object was described as roughly circular with many little white lights on its underside. Mrs. [redacted] did not report until she heard of other reports, for fear she would be called crazy. [redacted] says she is willing to talk to scientists from Northwestern ([redacted] informed her of our investigations). Mrs. [redacted] address is described as being "near

5. [redacted] sighting. Early Friday morning, 22 May 1964, at about 0250 to 0300, Mr. and Mrs. [redacted], Rte. 1, Eagle, Michigan (7 miles north of Grand Ledge, Michigan, on Cutler Road) were awakened by a roaring noise approaching their house. Both were in bed in the northwest second-floor bedroom of their home. Mr. [redacted] went to the windown and looked out across a field to the west of the house, and saw an object fly by at approximately a 10-degree elevation angle, perhaps as low as 5 degrees. By several experimental approaches, the apparent size of the long axis of the object was estimated at about three times that of the full moon, with the size of the full moon being exaggerated to about 6 inches at arm's length, as usual. Mrs. [redacted] did not see the object on this pass (another was to occur) but she heard the noise it made. This noise nearly defied description; it was described as a sort of roar, but not like a jet. Mr. [redacted] finally suggested the noise of a Deisel, which this investigator belatedly understood meant the noise made by the tires of a Deisel truck when one is following close behind it at high speed, rather than the sound of a Deisel engine. The general impression, which was never perfectly clear, was of a loud background of noise with the steady whine superimposed. The noise was described as very loud.

Mr. [redacted] pointed out a telephone pole some 300 feet out in the west field, perhaps fifty feet more than that from the bedroom window, and said that the object apparently passed by at about that distance. He estimated its speed at seventy miles per hour. From the bedroom window, the object could have been seen only through an arc of about thirty degrees at most, owing to trees growing close to the house, one on each side of the window, but not directly in front of it. At the distance estimated, and at a speed of 103 feet per second, the time of visibility would be approximately 1.8 seconds, unmistakeably shorter than the six seconds obtained from a re-enactment. If the six seconds is taken as the proper time interval, then the object was travelling past at an angular rate of 5 degrees per second. At the distance of the telephone pole, this would correspond approximately to a linear velocity of about 20 miles per hour. At the distance of the far boundary of the field, estimated as 600 feet away, the speed would have been

had an L-20 a/c equipped with turbine. The normal flight path of these a/c is such that rendevous is made over Crystal Lake, Michigan. (Reference Lota Demske sighting). These missions and the associated data of these flights are classified. There was a security clearance required for access to the hangar. Upon completion of the interview at 1400 with Mr [redacted] Sgt Moody returned to East Lansing, Michigan at 1600.

At 1800 Sgt Moody proceeded to the Capitol City airport at Lansing and interviewed Roger Snowberger (the operator on duty on the night of 20 May). He indicated that the local turbo props were not in operation during the period of the Lansing sightings. On the night of 20 May 64 the Capitol City Operations had turned over control of their air space to the Deteroit FAA. Mission of the a/c in the area was classified and he didn't know the purpose of the operations, however, he did observe a/c in the area. Also, during this period one a/c from Davis Field (nearby local airport) took off with a landing light on and crossed the northern portion of Lansing.

At 1815 Sgt Moody proceeded to the State Journal newspaper office and spoke with Mr Frank Hand, news reporter for this paper. No additional information was obtained during this interview.

From the State Journal office Sgt Moody proceeded to Battle Creek, Michigan arriving at 2100. The following morning, 16 Jun a visit was made to the Custer Air National Guard Station and Sgt Micklatcher. Flight locations for the period 21-22 May were obtained. The a/c are RB-57A photo reconnasaince a/c. None of the flights were made in the Lansing area. Majority of the targets being to the South of Battle Creek. From Custer, Sgt Moody returned to W-P AFB, arriving at 1230.

David N. Moody

DAVID N. MOODY
T/SGT USAF

about 35-40 miles per hour. The actual angle of visibility may be as much at 50 degrees if account is taken of partial visibility through the trees, raising the velocity estimates respectively to 40 and 65-70 miles per hour. The trajectory was described as apparently normal to the line of sight; if the angle were not normal to the line of sight, the speeds would be raised more.

After the object had disappeared behind trees toward the south or south-east, the Nourses remained awake; in about ten minutes, they heard the same roaring sound again, and this time both were at the bedroom window when the object made its second pass. The direction was the same (north to south approximately), but the object was "much farther" away and appeared half as large or less. This time it passed behind the trees at the west end of the field, at an elevation of no more than 3 to 5 degrees. It was still audible, and its shape could still be seen clearly, although it was smaller in apparent size.

Mr. [redacted] saw the object clearly on the first pass; both of them saw it clearly on the second pass. They agreed in describing it as round (elliptical) with six lights around its edge, one of which was (according to Mrs. [redacted] only) white, the remainder being a steady bright red. These lights were described by Mrs. [redacted] as going on and off like Christmas-tree lights, and as steady by Mr. [redacted] Mrs. [redacted] saw only the lights during the second lower and more distant pass, while Mr. [redacted] saw them both times, once at much closer range.

Both witnesses described the body of the object as glowing with a single uniform glow; Mrs. [redacted] recalled distinctly that the color was a pale red, and found a red pencil with which to sketch it; she has considerable artistic sense as the decor of their house showed. Her sketch is shown as Fig. B.

On both passes, the object showed an elliptical apparent shape, as if the object were tipped somewhat toward or away from the observers.

Witnesses stated that the object definitely was not a helicopter, as an Air National Guard unit is stationed just a few miles down the road and flies

27 feet and 15 feet, for a mean of 21 feet. The accuracy of this technique is questionalbe, but the dimensions may be kept in mind against future estimates of similar sightings, should any become available.

The principle characteristics of this object are its color (pale red), its shape (elliptical/circular), the lights (red) seen around its edge, and the loud roaring-whining noise it made. Further evaluation is posponed to later in this report.

5. [redacted]. 0300 EST, 22 May 1964. Elliptical object flew by at low altitude and relatively slow speed twice. Had red lights spaced around edge, may have had one white light, may have had reddish tint on body. Made very loud roaring noise, somewhat like diesel truck tires at high speed. Did not have bright light. Not helicopter, owing to witness' familiarity with these craft. 7 miles north of Grand Ledge, 14 miles northwest of Lansing.

Drawn by Mrs. [redacted] soon at 3:10

FIG B

helicopters both day and night in the area; both witnesses are quite familiar with the appearance and sound of helicopters under day and night conditions, and cannot reasonably be thought to have made the suggested mistake.

Helicopters were flown in that area on the same night, but ceased operations several hours before the sighting.

An estimate of the minimum size of the object can be obtained from knowledge of the resolving power of the dark-adapted eye,and an assumption that the object was just beyond the trees on its second pass and had six equally-spaced lights. According to the sketches obtained(from Mrs. [redacted] - Mr. [redacted] drew a plan view rather than a realistic perspective drawing) the minimum distance between the lights corresponds to about 2/3 of the radius of the presumed circular object. The dark-adapted normal eye can resolve two point sources about 3 minutes of arc apart comfortablym corresponding roughly to 0.001 radian. If the object was seen just beyond the trees 600 feet to the west, and if the red lights were just separated, then the diameter of the object would have been only 1.8 feet - that is, the report of the witness' seeing the six lights would be credible even if the object were as small as 1.8 feet in diameter and 600 feet away. Clearly, it was not that small, for the lights were not just "resolved" but were seen as definitely separated by (judging from the picture) some 3 to 4 times their own apparent diameter, if not more (the drawing may be intended to show the shape as well as placement of the lights). The object may, indeed, have been 20 feet in diameter, or even more; it does not appear likely that it was smaller than 8 feet in diameter.

An attempt was made to determine the apparent size of the object on its second pass, when both witnesses saw it for a period "much longer" than the five or six seconds of the first pass. The drawing of Fig. 3 was made, and the witnesses requested to signal when it reached the right apparent size as the picture was moved away. The distances were 10 feet (Mr [redacted]) and 18 feet (Mrs [redacted]); the corresponding long axis at the minimum possible distance of 600 feet is respectively

Flying Saucer Puzzle Grows

It May Be Helicopter--or It May Not: Four in City Report 'Strange Objects'

Is Lansing's night - prowling "flying saucer" really a helicopter?

There was some indication today that this might explain the mysterious sights and sounds being reported by area residents.

But there was a large area of doubt, too.

Some of the pieces of the "saucer" jigsaw don't fit.

Take the case of the Grand Ledge UFO (unidentified flying object) early this morning.

Mr. and Mrs. Robert Nourse, who live on Cutler Road, north of Grand Ledge, were awakened at 3 a.m. by "roaring like a freight train."

"LIKE A RED DOME"

Gazing out, they spotted a flat-shaped object with something underneath that "looked like a red dome."

Twenty minutes later, the object was back again.

Nourse, who was voted Outstanding Eaton County Farmer of the Year by the Grand Ledge Jaycees a couple of years ago, said he knew he wasn't having hallucinations. In fact, he was so sure he wasn't that he called State Police to report the UFO.

Now, it happens that the Michigan Air National Guard at Abrams Airport, Grand Ledge, had a helicopter aloft Thursday night. The piece of the jigsaw that doesn't fit is the report in the Guard's log book.

It shows that the 'copter came down at 11:15 p.m.

And it didn't fly over Lansing.

In Lansing, there were at least four reports of flying objects. One was at 9:55 p.m. Jo Ann Bush, 15, of 404 S. Fairview Ave., phoned city police that she had seen an object hovering at Prospect and Clifford Streets. She said it was very bright and about 15 feet in diameter.

SAW 'SOMETHING'

Three other residents, who asked that their names be withheld, saw "something."

One woman living on W. Willow Street, saw an "oblong object with the corners squared off," she told police at 8:25 p.m. She said the object was "covered with a cellophane-like material" and emitted a bright, bluish-white light. She said it was going east and flying high and fast. She added there were no stars out at the time.

Another woman, residing on Neller Court, "saw a star move" between 11:15 and 11:30 p.m. This object, too, was going east. She said she had seen satellites cross the sky, and this didn't resemble them.

Still another woman, residing on Gordon Street, heard a loud humming or buzzing sound at 1 a.m. bearing a close resemblance to that made by a helicopter, but was prevented from seeing anything because of trees in the yard.

The noises reported by residents sound like those made by tree-spraying crews. There's just one catch — the City Parks Department hasn't had any spraying crews out for several days.

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EXTRACT FROM SGT MOODY'S TRIP REPORT

Subsequent to their observation they had received numerous telephone calls from others in the area who had observed or heard the same or a similar object. These included [redacted] children who observed the object, the [redacted] (nearby farmers) who heard the object and described the sound as extremely loud. They received a call from a nurse at the Ingham medical center, who said that she and a maternity patient had observed the object. Also, a Mr [redacted], the Delta Township Fire Marshall, had observed the object that same night.

It should be noted that Mrs [redacted] had a child a few months old and was the one that was awakened by the noise. The noise of the object did not disturb the sleeping child. Also, Mr [redacted] is fire marshall and is attuned to awaken at a bell, siren or telephone.

SIGHTING OF [redacted]

Following the interview with Mr and Mrs [redacted] Sgt Moody and Bill Powers proceeded to the Delta Township Fire Barn Station at Canal and Saginaw, Michigan (About three miles East of Grand Ledge), to interciew [redacted] On the night of 25 May at about 0330 Mr [redacted] was awakened by a high pitch, shrill hum. He looked out the window and observed an object over Saginaw Highway. A light coming from the bottom of the object lit up the yard and an area about 1000 feet in diameter. The light went out and proceeded East following a path above Saginaw Highway. For a brief period after the light went out Mr [redacted] could not see the object but followed its flight by the sound. The object sounded like it was climbing. This loss of sight was attributed to the affects of having observed a very bright light. Mr [redacted] gave no estimation on the altitude of the object. The light was sufficiently bright for him to see the ground across the road. From the initial time when he was awakened until the object had disappeared in the East no more than three to four minutes had elapsed. Mr [redacted] also reported that several people in the area had talked with him about hearing the noise and had complained about the noises causing their dogs to become upset.

SIGHTING OF [redacted] AND [redacted]

Following the interview with [redacted] Sgt Moody and Bill Powers proceeded to the home of [redacted] at [redacted] in Grand Ledge, Michigan for an interview concerning her observation on the night of 13 Jun 64 and carried in the local newspapers on 14 June. During the interview it was apparent that the sighting was not related to those of objects with noise observed during the latter part of May. About 2215 local time on 13 Jun [redacted] and [redacted] were returning from a party. As they departed in their car they turned on to a road leading

EXTRACT FROM BILL POWERS REPORT ON TRIP TO LANSING

8. [redacted] sighting. At 0300, 25 May 1964, [redacted], Fire Chief of the Delta County Fire Department (located on Saginaw Highway halfway between Lansing and Grand Ledge) was awakened by a loud roaring noise, which sounded very close and did not seem to be moving away. [redacted] looked out his bedroom window, and saw the front yeard and firehouse driveway lit up as "bright as day." The Chief jumped into his pants (just a few seconds required, he explained, owing to his profession), and went down to the fire engine garage and out the door. He had thought that the light came from a ground vehicle, but no source could be seen. Then he looked up, and saw a blinding white light-source, large in diameter like a searchlight, definitely not a point source or a small headlight-sized object. The light from this object was illuminating a circle on the ground extending across the highway into the fields, with a radius estimated by the chief (and checked by illuminated landmarks) of 500 feet. The Chief, being elderly, explained that he could see nothing further after he looked up and saw the light, because he is susceptible to night-blindness; the light turned off almost immediately after he saw it, and he could see nothing for a considerable time afterwards.

All during the experience, the noise kept up a steady roar, and after the light went out, the sound seemd to move straight up and then off to the east, toward Lansing, just about directly down the highway. The Chief had difficulty describing the noise - he kept saying that it had been extremely loud, and that he had never heard anything like it before; it definitely could not have been an aircraft sound, jet or helicopter. The light was on for three or four minutes (time judgement checked out) altogether, and was described as being so bright that it made the Chief stagger back. He did not feel any heat.

Practically every word for a loud noise was tried out, and was still not quite right. Finally the investigator, who had just previously come across a similar case (see [redacted] sightings) made a noise at about D above Middle C, a steady and loud falsetto note with a "burr" in it, which represented his best judgement of what the others had heard: the Chief looked astonished and said, "You wouldn't believe it, how close that is to what I heard!" He remarked several times how suprised he was that the exact sound should have been reproduced so closely.

The Chief then mentioned several other people in the area who had had similar experiences; the other investigator will report on those sightings.

Further evaluation is deferred to the end of this report.

8. [redacted] 0300, EST, 25 May, 1964. Loud rushing noise, high-pitched tone at about 600 cps, was heard, followed by bright illumination of 500-foot radius circle in front of Delta County firehouse. Witness went outside, saw blinding white, large-diameter light-source high in air. Witness lost night vision; light went out after total of 3-4 minutes, noise moved up then east and faded away. Reports of corroborative witnesses still under investigation. Between Lansing and Grand Ledge.

EXTRACT FROM SGT MOODY'S TRIP REPORT

7. The [redacted]e sighting of _____ (to be investigated by Sgt Moody)

8. Mrs [redacted] of [redacted] Lansing Michigan (burned leaf samples). It was requested by this witness that her name not be used. (to be contacted by Sgt Moody)

9. The Grand Ledge sighting by Mr and Mrs R[redacted] (to be investigated by both Mr Powers and Sgt Moody)

10. The [redacted] observation from the police report of the Michigan State Police. It was decided due to Mr [redacted]s reputation as a publicity seeker that his sighting would be considered misinterpretation of conventional objects and/or his imagination and/or his attempts to perpetrate a hoax, and no contact withthis witness would be made.

11. The sighting of Mr [redacted]r on 6 May 64. Object evaluated as A/C sighting. [redacted] (Case to be written up by Sgt Moody)

12. The sighting by M[redacted] of 27 May 64 was believed to be an Astronomical Body (Case to be written up by Sgt Moody).

13. The Grand Ledge observation of [redacted] and [redacted] on June 13, 1964. (To be investigated jointly by Sgt Moody and Bill Powers).

SIGHTING OF MISS [redacted]

From the Lansing State Journal Office, Sgt Moody and Bill Powers proceeded to the residence of Miss [redacted] of [redacted], Lansing, Michigan. A FTD Form 164 was completed by both investigators. Miss [redacted] was a young girl of 15. Her impressions of the object were vague, inconsistant and contained little information of a specific nature. The reported duration of 5 minutes when re-enacted and timed, indicated an observation of 25 seconds. However fantastic her story may have seemed, it was apparent that the little girl did observe an object with a bright light that made a high pitched noise. The light was described as reddish with a gold tint and apparently the object was low enough and/or bright enough to cast shadows from trees and other objects in the place of observation. Subsequent investigation indicates that this object was observed or heard by other witnesses in the area.

SIGHTING OF MRS [redacted]

Following the interogation of Jo[redacted] Sgt Moody proceeded to the home of Mrs [redacted] of [redacted], Lansing, Michigan. Arriving at 1900, physical specimens of the leaves were obtained. Basic information indicates that sometime between 9 and 9:15 on the night of Wednesday, 20 May 64, Mrs [redacted] heard a vibrating sound causing a roaring in her ears.