

1. DATE - TIME GROUP 13 Feb 53 14/0258Z	2. LOCATION San Francisco, California
3. SOURCE 3 Civ. men	10. CONCLUSION WEATHER PHENOMENA Report of objects attributed to effects of inversion in area
4. NUMBER OF OBJECTS One	
5. LENGTH OF OBSERVATION 22 Minutes	11. BRIEF SUMMARY AND ANALYSIS Round black object followed by 2 silver streaks appearing to be vapor trails traveled at a high rate of speed maneuvering up and down on zig zag course. A throbbing sound was heard as the obj passed overhead at alt of approx 10,000'. Thousands of persons observed similar obj on 13 Feb 53. An astronomer said that sightings were result of a temperature inversion.
6. TYPE OF OBSERVATION Ground-Visual	
7. COURSE	
8. PHOTOS <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
9. PHYSICAL EVIDENCE <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

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

cold air at ...
warm layer of 1,000 feet, and
then another layer of cold air
—forming the base of the
“upper” inversion area.

Added a Weather Bureau fore-
caster, somewhat dryly:

“A high pressure area might
weaken enough to allow a
little fog—then you wouldn't
have your inversion areas any-
more.”

And you wouldn't have any
“Blinky,” either, he suggested.
While the show lasted.

(Continued on Page 7, Col. 7)

THE WEATHER

San Francisco and Bay Area—
Fair today and tomorrow, except
high fog tomorrow morning. Cooler
today.

Los Angeles and Vicinity—Mostly
fair today and tomorrow. High
today near 75. Slightly cooler
tomorrow.

TEMPERATURES

Hi. Lo.		Hi. Lo.	
San Fran.	71 53	Los Ang.	73 48
Oak. Ant.	66 44	Kan. City	48 28
Sacramento	65 35	Chicago	38 25
Fresno	68 31	New York	41 33

Complete weather data on Page 22.

the Jorg

MEMO ROUTING SLIP		NEVER USE FOR APPROVAL, DISAPPROVALS, CONCURRENCES, OR SIMILAR ACTIONS	
1 NAME OR TITLE	INITIALS		CIRCULATE
ORGANIZATION AND LOCATION	DATE		COORDINATION
2			FILE
			INFORMATION
3			NECESSARY ACTION
			NOTE AND RETURN
4			SEE ME
			SIGNATURE
REMARKS			
<p>Conversation with ██████████ <u>Unknown</u>: - 25 Feb 1953</p> <p>we have original</p> <ol style="list-style-type: none"> 1. Hamilton Field 2. Feb 13, 1953 3. 1758-1820 PST 4. Newspaper Article - San Francisco Feb 14 53 - Examiner Mr. OTTO Strube made comments replied by invitation, Mr. Strube would like to know more 			
FROM NAME OR TITLE		DATE	
ORGANIZATION AND LOCATION		TELEPHONE	

UNCLASSIFIED

RECEIVED FEB 16 1953



ACTION

3

Multiples

UNCLASSIFIED

1953 FEB 16 09:18

le

DISPATCHED

*1. Attn
3 Attn
3 C files*

RA3 ✓

ATIC

NR0002Z

7:33 CALIF

YDB004

XYA010

XDB003VV

JWPML 006

PU7 14 ✓

*13/1758
FRANCISCO*

NR0002Z YDB004 XYA010 XDB003VV JWPML 006 PU7 14

UNCLASSIFIED

PAGE TWO JWPML 10F

OBJECT FIRST SIGHTED OVER OCEAN APPROXIMATELY 4 MILES AWAY, HEADING INLAND PASSING OVER GOC POST THEN OVER CITY OF SAN FRANCISCO. ESTIMATED ALTITUDE 10,000 FT.

5. OBSERVERS WERE: ██████████, ██████████, SAN FRANCISCO, CALIF, ██████████, ██████████, SAN BERNANITO, CALIF, ██████████, ██████████, SAN FRANCISCO CALIF.

6. CLEAR WITH A FEW SCATTERED CLOUDS.

7. ACCORDING TO THE SAN FRANCISCO EXAMINER DATED 14 FEBRUARY 1953.

THOUSANDS OF PERSONS OBSERVED SIMILAR OBJECTS OVER THE SAN FRANCISCO BAY AREA DURING THE EARLY MORNING HOURS OF 13 FEBRUARY 1953 AND AGAIN DURING THE EARLY EVENING OF THE SAME DATE. THE SAN FRANCISCO WEATHER BUREAU REPORTED A MASS OF WARM AIR ENCASED BETWEEN TWO LAYERS OF COLD AIR OVER THE SAN FRANCISCO BAY AREA AT AN ELEVATION OF APPROXIMATELY 3200 FT DURING THE PERIODS OF THIS OBSERVATION. DR OTTO STRUVE, AN ASTRONOMER, EXPLAINED THE EXISTENCE OF THESE SIGHTINGS THE RESULT OF AN INVERSION CAUSED BY WEATHER CONDITIONS ACCORDING TO THE EXAMINER STORY. ACCORDING TO THIS NEWSPAPER MANY OF THE PERSONS OBSERVING THIS OBJECT PLACED IT BETWEEN 3000 AND 4000 FT ALT.

8. NEGATIVE

9. NEGATIVE

10. NEGATIVE.

16/0225Z FEB JWPML

✓
████████████████████
UNCLASSIFIED

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

Cy 1

UNCLASSIFIED

DE JWPML 10F

UNCLASSIFIED

SAN

NM 160151Z

FM CG 28TH AIRDIV HAMILTON AFB CALIF

TO JEPHQ/DIR OF INTEL HQ USAF WASHINGTON 25 D C

JEDWP/ATIC WRIGHT PATTERSON AFB OHIO

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

JEDEN/CG ADC ENT AFB COLORADO SPRINGS COLO

INFO ZEN/JWPML/CG WADF HAMILTON AFB CALIF

/A [REDACTED] /28TH OIC 01310 ATTN INTELLIGENCE. ATTN ATIAA-2C.

FLYOB RPT.

1. ONE ROUND, BLACK OBJECT FOLLOWED BY TWO SILVER STREAKS WHICH APPEARED TO BE VAPOR TRAILS. OBJECT MOVING AT MODERATELY HIGH SPEED MANEUVERING UP AND DOWN AND ON ZIG ZAG COURSE. THROBBING SOUND HEARD WHEN OBJECT PASSED OVERHEAD. DISAPPEARED FROM LINE OF SIGHT OVER SAN FRANCISCO.

2. BETWEEN 1758 AND 1820PST, 13 FEBRUARY 1953.

cy

3. VISUALLY FROM THE GROUND

4. OBSERVERS LOCATED AT GOC POST, MT SUTRO, SAN FRANCISCO, CALIF.

UNCLASSIFIED

COUNTRY United States		REPORT NO. IR-2-53 W	(LEAVE BLANK)
AIR INTELLIGENCE INFORMATION REPORT			
SUBJECT Unidentified Flying Objects (Short Title: FLYOBRPT)			
AREA REPORTED ON San Francisco Bay Area, California		FROM (Agency) Dir of Intel, 28 AD, Hamilton AFB, Calif.	
DATE OF REPORT 19 February 1953	DATE OF INFORMATION 13 February 1953	EVALUATION C-3	
PREPARED BY (Officer) Capt. Orville E Bixel, Dir of Intelligence		SOURCE Member of Ground Observer Corps	
REFERENCES (Control number, directive, previous report, etc., as applicable) AFL 200-5, dated 29 April 1952 TWX 28th OIG 01310 FLYOBRPT, 15 February 1953			
SUMMARY: (Enter concise summary of report. Give significance in final one-sentence paragraph. List inclosures at lower left. Begin text of report on AF Form 118-Part II.)			
<p>In accordance with AFL 200-5, dated 29 April 1952, Subject: "Unidentified Flying Objects Reporting (Short Title: FLYOBRPT)", the following report of an unidentified flying object is submitted.</p> <p>On 13 February 1953, between 1758 and 1820, PST four observers manning a GOC Post on top of Mount Sutro in San Francisco, California sighted an unidentified flying object. This object was sighted over the ocean at an altitude estimated at 10,000 feet. The object was described as round with what appeared to be two vapor trails following it. The speed of this object was not estimated but it appeared considerably slower than that of an aircraft. No sound was heard from this object except during the period when it passed over the GOC Post. The object appeared to move up and down and had a zig zag course. Object disappeared over the city of San Francisco.</p> <p>Inclosed herewith is a copy of the story pertaining to these objects as printed by the San Francisco Examiner dated 14 February 1953. According to the Examiner thousands of persons in the Bay area observed the same or similar objects to the one described in this report during the early morning hours and early evening of 13 February 1953.</p>			
<p>1 Incl Newspaper article, San Francisco Examiner</p>		<p><i>Orville E Bixel</i> ORVILLE E BIXEL Captain, USAF Director of Intelligence</p>	
<p>DOWNGRADED AT 3 YEAR INTERVALS; DECLASSIFIED AFTER 12 YEARS. DOD DIR 5200.10</p>			
DISTRIBUTION BY ORIGINATOR			
<p>1 copy Chief, Air Technical Intelligence Center ATTN: ATIAA-2c Wright-Patterson AFB, Ohio</p>			

INCL.

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DOD DIR 5200.10

DISTRIBUTION BY ORIGINATOR

1 copy Chief, Air Technical Intelligence Center
ATTN: ATIAA-2c Wright-Patterson AFB, Ohio

FEB 53 SIGHTINGS
 FOLDER #2 (Contd)

<u>NUMBER</u>	<u>DATE</u>	<u>LOCATION</u>
✓ 23	4 ✓	Yuma City, Arizona ✓
✓ 24	4 ✓	Maxwell AFB, Alabama ✓
✓ 25	4 ✓	Lancaster, Pennsylvania ✓
✓ 26	4 ✓	Blythe, California ✓
✓ 27	3 ✓	Keflavik Airport, Iceland ✓
✓ 28	3 ✓	Pepperrell AFB, Newfoundland ✓
✓ 29	3 ✓	Dietrich, Idaho ✓
✓ 30	3 ✓	Ramsey, New Jersey ✓
✓ 31	2 ✓	Victorville, California ✓
✓ 32	1 ✓	Saratoga Springs, New York ✓
✓ 33	1 ✓	Quarryville, Pennsylvania ✓
✓ 34	1 ✓	Terre Haute, Indiana ✓
✓ 35	<i>Del 524 Feb 53</i>	Syracuse, New York
✓ 36	<i>o/a 12 Feb 53</i>	Finland, Minnesota ✓

FEB 53 SIGHTINGS
1 thru 14

FOLDER #2

<u>NUMBER</u>	<u>DATE</u>	<u>LOCATION</u>
✓ 1	13 ✓	Carswell AFB, Texas ✓
✓ 2	13 ✓	Petersburg, Virginia ✓
✓ 3	13 ✓	San Francisco, California ✓
✓ 4	12 ✓	Vichy, Missouri ✓
✓ 5	12 ✓	Lake Charles AFB, Louisiana ✓
✓ 6	12 ✓	Misawa AB, Japan ✓
✓ 7	11 ✓	Tunis, Libya ✓
✓ 8	11 ✓	Hamptonville, North Carolina ✓
✓ 9	11 ✓	Great Falls AFB, Montana ✓
✓ 10	11 ✓	Laurel, Montana ✓
✓ 11	11 ✓	Patrick AFB, Florida ✓
✓ 12	10 ✓	Richmond, Virginia ✓
✓ 13	10 ✓	Misawa AFB, Japan ✓
✓ 14	9 ✓	Dobbins AFB, Georgia ✓ ██████████
✓ 15	8 ✓	Robbins AFB, Georgia ✓ ██████████
✓ 16	8 ✓	Barter Island, Alaska ██████████
✓ 17	7 ✓	Corbin, Kentucky ✓
✓ 18	7 ✓	Northeastern Hokkaido, JAPAN ✓
✓ 19	7 ✓	Okinawa ✓
✓ 20	6 ✓	██████████ NAKNEK Elmendorf AFB, Alaska ✓
✓ 21	6 ✓	Rosalia, Washington ✓
✓ 22	6 ✓	██████████ TRUK ATOLL (CAN'T FIND)

FEB 53 SIGHTINGS
Folder #1 (Continued)

<u>NUMBER</u>	<u>DATE</u>	<u>LOCATION</u>
✓23	23 ✓	Fortville, Indiana ✓
✓24	23 ✓	Queens, New York ✓
✓25	23 ✓	Southern Wisconsin ✓
✓26	(23) ✓	Easton, Maine ✓
✓27		Westfield, Maine ✓
✓28	22 ✓	Arlington, Texas ✓
✓29	22 ✓	LAKE ERIE Buffalo, New York ✓
✓30	22 ✓	Dover AFB, Delaware ✓
✓31	22 ✓	Dodson, Montana ✓
✓32	21 ✓	Green Bay, Wisconsin ✓
✓33	20 ✓	Chŏ-do, North Korea ✓
✓34	20 ✓	Sturgeon Bay, Wisconsin ✓
✓35	17 ✓	Port Austin, Michigan ✓
✓36	17 ✓	Elmendorf AFB, Alaska ✓
✓37	17 ✓	Bremerton, Washington ✓
✓38	17 ✓	Elmendorf, Alaska ✓
✓39	16 ✓	Rainer, Alabama ✓

same

36 & 38 same

LAKE ERIE

FEB 53 SIGHTINGS
28 - 15

FOLDER #1

<u>NUMBER</u>	<u>DATE</u>	<u>LOCATION</u>
✓ 1	28 ✓	Dover AFB, Delaware ✓
✓ 2	28 ✓	Richmond, Virginia ✓
✓ 3	28 ✓	Colorado Springs, Colorado ✓
✓ 4	27 ✓	Shreveport, Louisiana ✓
✓ 5	27 ✓	Pasadena, California ✓
✓ 6	27 ✓	Dayton, Ohio ✓
✓ 7	27 ✓	Itazuke AB, Japan ✓
✓ 8	27 ✓	Northern Honshu ✓
✓ 9	27 ✓	CPHEIM Great Falls AFB, Montana ✓
✓ 10	26 28 ✓	Dover A FB, Delaware ✓
✓ 11	26 ✓	Klamath Falls, Oregon ✓
✓ 12	26 ✓	Greenland ✓
✓ 13	26 ✓	Honshu, Japan ✓
✓ 14	26 ✓	Northern Kiyusha ✓
✓ 15	26 ✓	Pepperell AFB, Newfoundland ✓
✓ 16	26 ✓	BROOKS AFB San Antonio , Texas ✓
✓ 17	26 ✓	Kingsville, Maryland ✓
✓ 18	25 ✓	Charleston, West Virginia ✓
✓ 19	25 ✓	Great Falls, Montana ✓
✓ 20	24 ✓	MOUNT PELIEU Montpelier , Idaho ✓
✓ 21	24 ✓	Dayton, Ohio ✓
✓ 22	24 ✓	Sherman, Texas ✓

MIGHT BE
SAME

~~CONFIDENTIAL~~
(CLASSIFICATION)

AIR INTELLIGENCE INFORMATION REPORT UNCLASSIFIED

FROM (Agency) Dir. of Intel. 28 AD. Hamilton AFB, California	REPORT NO. IR-2-53 W	PAGE 2	OF 2	PAGES
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An unidentified flying object was observed by four members of a GOC Post located on top of Mt. Sutro in San Francisco, California during the evening of 13 February 1953.

1. Description of object. One, round, black object which appeared to have two silver streaks following it (possibly vapor trails). Object appeared to be gaining and losing considerable altitude and flying a zig zag course. No means of propulsion were observed. A throbbing sound was heard apparently coming from the object as it passed overhead the GOC Post where the observers were located. The unidentified flying object disappeared from view over the city of San Francisco. Object was first observed approximately four miles to the West and over the ocean. Speed of this unidentified object appeared to be slower than that of a conventional aircraft.

2. Time of sighting was between 1758 and 1820 PST, 13 February 1953.

3. Manner of observation was visual without aids. No radar contacts with this object were reported.

4. Location of Observers during sighting was on top of Mount Sutro, San Francisco, California. The unidentified flying object was estimated by the observers as being approximately 10,000 feet altitude.

5. The observers of this object were: , , San Francisco, Calif; , , San Bernanito, Calif; , , San Francisco, Calif.

6. The weather was clear with a few scattered clouds. Visibility was reported as unlimited.

7. According to a newspaper article concerning similar sightings of unidentified flying objects which appeared in the San Francisco Examiner dated 14 February 1953, Dr. Otto Struve, a member of the University of California Astronomy Department explained the numerous sightings of "flying saucers" on 13 February 1953 as being caused by a temperature inversion.

8. Negative.

9. Negative.

10. Negative.

Orville E Bikel
ORVILLE E BIKEL
Captain, USAF
Director of Intelligence

15 - 28 FEBRUARY 1953 SIGHTINGS

<u>DATE</u>	<u>LOCATION</u>	<u>OBSERVER</u>	<u>EVALUATION</u>
15	North Atlantic (H.O. Bulletin)(INFO)	Meteor Report	
15	Yugoslavia (Radio Belgrade)(INFO)		
16	Ramier, Alabama	[REDACTED]	Balloon
16	Willow, Alaska	Military Air	Astro (VEGA)
17	Fort Austin, Michigan	Visual	Astro (VENUS)
		Ground (RADAR)	UNIDENTIFIED
17	Elmendorf AFB, Alaska	Military	Balloon
17	Bremerton, Washington	[REDACTED]	Astro (JUPITER)
18	Greensboro, North Carolina (CASE MISSING)		Astro (METEOR)
18	Iceland	Civilian	Insufficient Data
20	Cho-Do, Korea	Military	Astro (VENUS)
20	Pittsburg, California (CASE MISSING)		
	Stockton, California	Air Visual	UNIDENTIFIED
20	Russia	Not Reported	Balloon
20	Sturgeon Bay, Wisconsin	[REDACTED]	Astro (STAR/PLANET)
21	Green Bay, Wisconsin	[REDACTED]	Astro (ARCTURUS)
22	Buffalo, New York	[REDACTED]	Insufficient Data
22	Arlington, Texas	[REDACTED]	Insufficient Data
22	Dover, Delaware	Ground & Air	Astro (VENUS/JUPITER)
22	Dodson, Montana	[REDACTED]	Astro (VENUS)
23	Sidney, Australia (FSI NZ)(INFO)	[REDACTED]	
23	Celebes	Not Reported	Insufficient Data
23	Queens, New York	[REDACTED]	Astro (METEOR)
23	Fortville, Indiana	[REDACTED]	Balloon
23	Maine	Multiple	Astro (VENUS)
23	Southern Wisconsin	[REDACTED]	Insufficient Data
24	Dayton, Ohio	[REDACTED]	Astro (VENUS)
24	Mountpelier, Idaho	[REDACTED]	A/C
24	Sherman, Texas	[REDACTED]	UNIDENTIFIED
24-6 Mar	Great Falls, Montana	[REDACTED]	Insufficient Data
25	Borneo	Multiple	Insufficient Data
25	Charleston, West Virginia	Ground (RADAR)	Electronic Countermeasures
25-27	Japan (Multiple Locations)	Multiple	1. Lighthouse Light 2. Astro (ACTURUS) 3. Astro (VENUS)
26	Greenland	Ground (RADAR)	Inversion (WX)
26	Kingsville, Maryland	[REDACTED]	A/C
26	Pepperell AB, Newfoundland	Military	Other (FLARE)
26	Klamath Falls, Oregon	Multiple	Astro (VENUS)
26-27	San Antonio, Texas	Multiple Military	1. Balloon 2. A/C
26-28	Dover, Delaware	Multiple Reports	Astro (VENUS)
27	Great Falls AB, Montana	Ground (RADAR)	Insufficient Data
27	Shreveport, Louisiana	Military	UNIDENTIFIED
27	Pasadena, California	[REDACTED]	Astro (STAR/PLANET)
27	Dayton, Ohio	[REDACTED]	Insufficient Data
28	Colorado Springs, Colorado	[REDACTED]	Balloon
28	Richmond, Virginia	Military	Other (CONTRAIL)
28	Leary, Pennsylvania	[REDACTED]	Insufficient Data
28	Olean, New York	[REDACTED]	Astro (ARCTURUS)
28	Olean, New York	[REDACTED]	Astro (VENUS)
24	Olean, New York	[REDACTED]	Insufficient Data
24	Olean, New York	[REDACTED]	Insufficient Data
25	Olean, New York	[REDACTED]	Astro (VENUS)

15 Feb 1953

Miscellaneous:

Flying Saucers. Stories of these mysterious vehicles are legion; only rarely, however, is such a report coupled with the name of a manufacturer. Particular interest is, therefore, attached to the following two announcements. In the first case, Radio Belgrade stated that a number of flying saucers flew over a Belgrade suburb on February 15th. They were, it appears, developed by the research department of the Yugoslav Air Force and had the following characteristics: diameter, 40 in.; all-up weight, 4 1/2 lb; top speed, 31 mph with radio control. A further display is "scheduled for Marshal Tito's birthday".

ATIC DOCUMENT 110357, Flight and Aircraft Engineer

K 243.6012-1
15-28 Feb 1953

RETURN TO:

Director
Aerospace Group
ATTN: Astronomical Unit
Maxwell AFB, Alabama

NORTH ATLANTIC

The second officer of the American SS. *The Cabins*, Capt. F. Nathey, Master, reports that at 0745 G. M. T., February 15, 1953, in lat. 26°53' N., lon. 71°55' W., he sighted a greenish colored object about the size of a star of first magnitude brilliance. It was first sighted bearing 225° altitude 10° and streaked across the sky parallel to the horizon in a northerly direction for about 75° of azimuth in about 2 seconds and disappeared into a cloud. The object had a reddish-orange tail with several slight waves.

Weather clear with few clouds, wind SW. force 3, very good visibility, barometer 30.03 inches, air temperature 71° F.

Second Officer D. B. Hoobler of the American SS. *Quirigua*, Capt. George Eppelman, Master, reports that at 0745 G. M. T., February 15, 1953, in approximate position lat. 26°12' N., lon. 74°41' W., he observed a bright reddish-orange meteor. It appeared near the star *Antares* bearing 131° altitude 12°. It traveled in a straight line of about 300° and passed almost directly over the vessel at an estimated altitude of 10,000 feet until it disappeared behind clouds on the horizon in the west. It was visible for about 10 seconds and left a very bright reddish trail.

Weather clear with scattered clouds on the horizon, wind south-southeast force 3, moderate sea, air temperature 74° F.

SMS

4-3719-39
1003380

FINAL

Incl #1

AMERICA FIRST

AMERICAN PAPER FOR AMERICAN PEOPLE

San Francisco

Monarchy of

the Examiner

the Daily

REG. U.S. PAT. OFF.

SUffer 1-2424

VOL. CLXXXVIII, NO. 45



CCCC*

SAN FRANCISCO, SATURDAY, FEBRUARY 14, 1953 DAILY 10c, SUNDA

That THING Over S. F.

**Blinky, the Amber
Bulb, Flits in Sky;
Thousands See It**

**But It's Only
Hot Air.**

By WILL STEVENS

"Blinky" returned to the skies over the San Francisco Bay area last night, flipping and flopping and swishing like something possessed.

Thousands on both sides of the Bay saw The Thing whip and whirl through a double-take Friday the Thirteenth display.

It wasn't a Flying Saucer from Mars or Venus—or at least most folks hoped it wasn't.

It wasn't a fireball. Scientists said fireballs don't hover, and "Blinky" hovered . . . like this . . . and up and down . . . and sideways . . . cops! . . . like that.

Not a Jet, Either—

Nor was it jet aircraft, their trails playing weird tricks. Neither the Air Force nor the Navy had any jets aloft. It wasn't a flare. The Navy and Air Force weren't dropping any last night, and the Coast Guard wasn't firing any flares skyward. Nor was the Army—or the Marines.

It wasn't a Weather Bureau balloon. The bureau didn't launch its nightly radio balloon until 7:30 p. m., from Oakland, whereupon it promptly galloped due south, toward San Jose—out of the "Blinky" area of operations—and up to 60,000 feet.

Changes Colors—

What thousands saw was a round "bulb" or "ball"—amber colored, changing at times to silver, and estimated at from 3,000 to 10,000 feet. Between 3:30 a. m. and 4:15 a. m. earlier Friday, others had seen the same object. Last night "Blinky" came back.

Scientists and Weather Bureau forecasters agreed, however, that nature probably was doing it with mirrors—or more specifically, that a "mirroring temperature inversion" layer in the atmosphere was reflecting lights to produce the weird effects.

So "Blinky," figuratively taken apart by science, pretty well disintegrated in the process of a two-pronged explanation:

1—Professor Otto Struve, chairman of the astronomy department at the University of California, explained that inversion is a meteorological phenomenon by which a mass of warm air develops between two layers of cold air. The warm layer acts as a "reflector" with certain combinations of density and temperature.

2—Weather Bureau spokesmen disclosed that the Bay Area indeed had an "inversion pattern" last night, with a base of cold air at 3,200 feet, a mass of warm air (where cold air ordinarily should be) 600 feet in depth, and then a "lid" of cold air

MEMO ROUTING SLIP		NEVER USE FOR APPROVAL, DISAPPROVALS, CONCURRENCES, OR SIMILAR ACTIONS	
1 NAME OR TITLE	INITIALS		CIRCULATE
ORGANIZATION AND LOCATION	DATE		COORDINATION
2			FILE
			INFORMATION
3			NECESSARY ACTION
			NOTE AND RETURN
4			SEE ME
			SIGNATURE
REMARKS			
<p>_____ _____ San Fran.</p> <p>_____ _____ San Bernardino Calif</p> <p>_____ _____ San Fran</p>			
FROM NAME OR TITLE		DATE	
ORGANIZATION AND LOCATION		TELEPHONE	

MEMO ROUTING SLIP		NEVER USE FOR APPROVAL, DISAPPROVALS, CONCURRENCES, OR SIMILAR ACTIONS	
1	NAME OR TITLE	INITIALS	CIRCULATE
	ORGANIZATION AND LOCATION	DATE	COORDINATION
2			FILE
			INFORMATION
3			NECESSARY ACTION
			NOTE AND RETURN
4			SEE ME
			SIGNATURE
REMARKS			
<p><i>Located at Soc Post at mt. Suro</i></p> <p><i>Seen for 22 minutes</i></p> <p><i>- 1 black object followed by silver streak.</i></p> <p><i>- Throbby sound</i></p>			
FROM NAME OR TITLE		DATE	
ORGANIZATION AND LOCATION		TELEPHONE	

DD FORM 95
1 FEB 50

Replaces DA AGO Form 895, 1 Apr 48, and AFHQ
Form 12, 10 Nov 47, which may be used.

GPO : 1951 - O-375044

MEMO ROUTING SLIP		NEVER USE FOR APPROVAL, DISAPPROVALS, CONCURRENCES, OR SIMILAR ACTIONS	
1 NAME OR TITLE	INITIALS		CIRCULATE
ORGANIZATION AND LOCATION	DATE		COORDINATION
2			FILE
			INFORMATION
3			NECESSARY ACTION
			NOTE AND RETURN
4			SEE ME
			SIGNATURE
REMARKS			
<i>Wed + Thurs. - Wednesday</i>			
FROM NAME OR TITLE		DATE	
ORGANIZATION AND LOCATION		TELEPHONE	

DD FORM 95
1 FEB 50

Replaces DA AGO Form 895, 1 Apr 48, and AFHQ Form 12, 10 Nov 47, which may be used.

GPO - 1951 - O 325344

LIKE DOUBLE FEATURE.

Actually, the sky show approximated a double feature.

As early as 3:30 a.m. yesterday, "Blinky"—before the scientists got away to explaining him into just another meteorological phenomenon—caused eyes to pop at street level.

For two hours and eighteen minutes, his erratic behavior—the traditional "flying saucer" pattern—was followed and recorded by responsible watchers.

Emeryville Policemen James Wayne and Aldo Berta, driving in separate cars in different sections in Emeryville, sighted it first. Policeman Wayne reported:

"It looked like a light bulb. I wouldn't guess the altitude. It appeared to be hovering over Albany race track, and seemed to be weaving from side to side. At first it was amber colored. Then it turned to silver.

"It moved up and down at intervals. It moved to the north, round like a bulb. Then it moved south."

SEEN BY OTHERS.

Officer Berta gave almost precisely the same description. Simultaneously, Berkeley Police Sergeant Robert Gorman saw it.

At 8 a.m., California Highway Patrolmen Al Turner and

eley Policeman Roy McLaren sighted it, "hovering over the Bay, approximately halfway between Hunter's Point and Alameda. It stayed there for about a minute, then disappeared in a southerly direction."

NOT A SPACE SHIP.

Still the scientist, Doctor Struve observed last night—after suggesting the "inversion" theory:

"We're sure these 'saucers' people see are not space ships from outer space."

It is impossible, he said, to have intelligent human beings on any of the planets of the solar system except earth.

"Speculating very broadly," he added, "there is a possibility that intelligent human beings are on other planets on other solar systems—but if they do exist, the nearest would be fifty million light years away."

One thing nobody saw: little men parachuting earthward.

Thousands See 'Bulb' Whirl Over Bay Area

(Continued from Page One)

though, it was first class, against the vast panorama of the sky itself. Hundreds of telephone calls from both sides of the Bay, the peninsula, and Marin County turned The Examiner switchboard into a miniature celestial display of lights unto itself.

VIEW FROM GATE BRIDGE.

What thousands saw was characterized briefly by Golden Gate Bridge Toll Collector Fred Peterson, of 145 Irving Street. He said:

"I saw it first at 5:55 p. m., and for five minutes thereafter, a round white light that made big, slow circles in the sky just above China Beach. It wasn't too high, but higher than the bridge towers. A number of motorists saw it as they drove up the approach from San Francisco. It was amber colored, changing to silver at times."

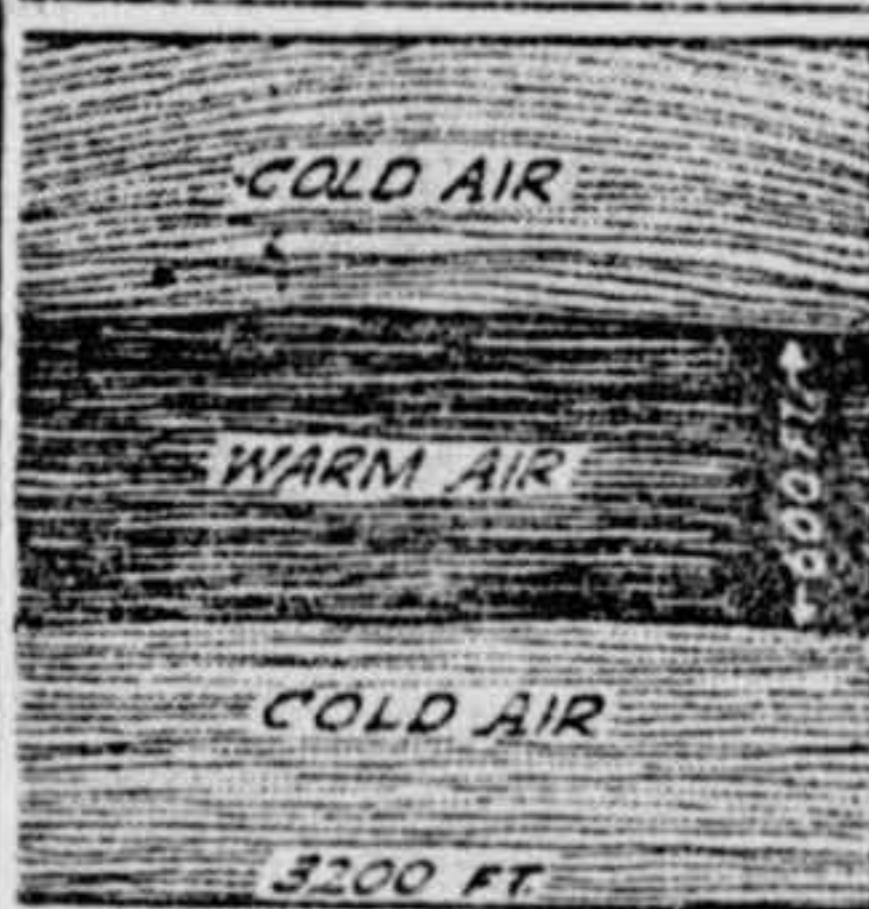
Civil Defense Ground Observer Carpsmen, doing their dull but vital job, had a welcome relief from watching stars and hearing jets blow over. Watcher Michael Moran, atop Mount Sutro with his GOC companions, reported:

"Object sighted: Round. Color: Black, with silver. Behavior: Went straight up, then straight down; also circling. Estimated altitude: 10,000 feet. Characteristics: Two flicking vapor trails, definitely not jet type. Sound: Deep throb. Position: Directly over tower. First sighted: 5:58 p. m. Length of sighting: Twenty-four minutes. Weather: Clear. Visibility: Unlimited."

THEY SAW IT, TOO.

That, agreed Ground Observers Rudy Pugh, Ray Rogo-way and Roy Homer, was precisely what they saw, too.

Among the thousands watching the skies, scientists at Lick at all. But then, at a 4,200 level, Observatory didn't see anything they couldn't train their glass downward. And "Blinky" was jiving around at 3,000 feet. Observers at Morrison Planetarium in Golden Gate Park didn't see it either.



EXPLAINED—A

mass of warm air, developing between two layers of cold air, acts as a reflector of light, astronomer Otto Struve said in explaining the gleam over the Bay area. His theory was supported by reports from the Weather Bureau.

Lee Wood, in a patrol car at University Avenue and Eastshore Highway, spotted "Blinky."

Turner declared:

"It was a white ball of light or fire, approximately 3,000 feet high. It was traveling in a westerly direction, at about 250 to 300 mph, from over the Richmond hills. It passed directly over the Golden Gate Bridge. There were no trails. It gave the appearance of being a very bright electric light bulb in midair."

Wood added:

"It was too slow for a falling star or meteor."

SPOTTED FROM BRIDGE.

At 5:20 a. m., Highway Patrolman James Morgan, on the Golden Gate Bridge, picked it up through binoculars. Said Morgan:

"I first saw it over Alcatraz, traveling west. It appeared to be 3,000 feet high, judging by the height of the 700 foot bridge towers. There was no noise. It was perfectly round in shape, and of bright but not brilliant white color. I watched it for two minutes, and saw it disappear past the Farallon Islands."

At that stage, it was seen and similarly described by lookouts at the Mount Tamalpais Ranger Station.

At 6:18 a. m. yesterday,